

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136572.D
 Acq On : 14 Dec 2023 17:13
 Operator : CG\JU
 Sample : 05569-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	194	201	210	rVB	88451	160998	1.57%	0.110%
2	5.375	555	559	565	rBV	195854	333212	3.24%	0.228%
3	5.428	565	568	572	rVB	672708	623086	6.06%	0.426%
4	5.945	651	656	659	rBV	1843759	1683446	16.38%	1.150%
5	6.439	737	740	743	rBV	344682	334243	3.25%	0.228%
6	6.563	743	761	762	rVV2	286056	1013450	9.86%	0.692%
7	6.581	762	764	766	rVB	293427	220024	2.14%	0.150%
8	6.786	796	799	802	rBV	605011	457283	4.45%	0.312%
9	6.863	807	812	823	rBV	2379826	3086425	30.03%	2.108%
10	6.939	823	825	832	rVB2	150875	175262	1.71%	0.120%
11	7.186	858	867	870	rBV3	165020	359806	3.50%	0.246%
12	7.228	872	874	877	rVB	223173	226155	2.20%	0.154%
13	7.351	890	895	897	rVB	1335547	1247091	12.13%	0.852%
14	7.533	910	926	928	rBV	812442	1576111	15.33%	1.076%
15	7.575	931	933	935	rVB	626867	506440	4.93%	0.346%
16	7.839	975	978	980	rBV	404304	387879	3.77%	0.265%
17	7.904	980	989	991	rVV3	795116	1883476	18.32%	1.286%
18	7.986	992	1003	1010	rVV3	2447593	7421488	72.20%	5.069%
19	8.063	1010	1016	1019	rVB	714749	670598	6.52%	0.458%
20	8.363	1064	1067	1072	rVB3	110148	178810	1.74%	0.122%
21	8.445	1077	1081	1084	rBV2	279044	316152	3.08%	0.216%
22	8.657	1114	1117	1121	rVB	568790	447660	4.36%	0.306%
23	8.798	1137	1141	1146	rVB	351089	462767	4.50%	0.316%
24	9.075	1171	1188	1190	rVV2	1532786	4257026	41.42%	2.907%
25	9.145	1192	1200	1203	rBV	2832842	2474371	24.07%	1.690%
26	9.228	1210	1214	1217	rVB2	1154960	1068621	10.40%	0.730%
27	9.269	1217	1221	1224	rBV2	114489	146379	1.42%	0.100%
28	9.416	1238	1246	1247	rBV3	152413	332375	3.23%	0.227%
29	9.533	1262	1266	1269	rBV3	192326	224721	2.19%	0.153%
30	9.657	1281	1287	1290	rVV	1111846	981593	9.55%	0.670%
31	9.686	1290	1292	1296	rVB2	151911	144943	1.41%	0.099%
32	9.757	1300	1304	1306	rVB	1037479	740711	7.21%	0.506%
33	9.822	1311	1315	1318	rVV	708059	624333	6.07%	0.426%
34	9.857	1318	1321	1325	rVB2	163394	171640	1.67%	0.117%
35	10.127	1349	1367	1369	rBV	3184100	9203005	89.54%	6.285%
36	10.469	1420	1425	1428	rBV	262084	320467	3.12%	0.219%

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Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.616	1445	1450	1452	rBV	913188	830567	8.08%	0.567%
38	10.645	1452	1455	1461	rVB	235747	257958	2.51%	0.176%
39	10.733	1466	1470	1472	rBV	563151	465717	4.53%	0.318%
40	10.857	1487	1491	1493	rBV	2185144	2460465	23.94%	1.680%

41	10.886	1493	1496	1498	rVV	4912644	5197656	50.57%	3.550%
42	10.910	1498	1500	1508	rVV	2872231	3373531	32.82%	2.304%
43	10.998	1510	1515	1519	rVV	860654	873238	8.50%	0.596%
44	11.045	1519	1523	1528	rVB	135930	209852	2.04%	0.143%
45	11.198	1545	1549	1556	rVB7	85211	177233	1.72%	0.121%

46	11.310	1565	1568	1571	rBV	608200	532794	5.18%	0.364%
47	11.616	1616	1620	1624	rBV	143490	214263	2.08%	0.146%
48	11.710	1632	1636	1639	rVB	172750	177494	1.73%	0.121%
49	11.774	1644	1647	1654	rBV	137857	179938	1.75%	0.123%
50	11.869	1655	1663	1667	rBV	1823851	2465447	23.99%	1.684%

51	11.904	1667	1669	1676	rVB	163077	226847	2.21%	0.155%
52	11.986	1676	1683	1686	rBV	1111488	1183789	11.52%	0.808%
53	12.033	1689	1691	1696	rVB	169557	201403	1.96%	0.138%
54	12.104	1699	1703	1707	rVB	565153	579302	5.64%	0.396%
55	12.186	1707	1717	1719	rBV2	944467	2163018	21.04%	1.477%

56	12.239	1723	1726	1728	rBV2	450237	386968	3.76%	0.264%
57	12.298	1733	1736	1739	rBV3	477902	754853	7.34%	0.516%
58	12.327	1739	1741	1743	rVB	375706	274397	2.67%	0.187%
59	12.357	1743	1746	1748	rBV2	788062	939424	9.14%	0.642%
60	12.380	1748	1750	1752	rVB2	489758	427973	4.16%	0.292%

61	12.404	1752	1754	1755	rBV	224348	158184	1.54%	0.108%
62	12.427	1755	1758	1759	rBV	1511899	1269418	12.35%	0.867%
63	12.474	1759	1766	1770	rVV4	3663149	9638091	93.77%	6.582%
64	12.521	1772	1774	1777	rVB2	1821720	1659262	16.14%	1.133%
65	12.627	1787	1792	1796	rVB	4151647	5624215	54.72%	3.841%

66	12.663	1796	1798	1799	rVV	719657	642270	6.25%	0.439%
67	12.692	1799	1803	1806	rVB2	7704902	9293456	90.42%	6.347%
68	12.739	1809	1811	1812	rBV	230124	177510	1.73%	0.121%
69	12.780	1812	1818	1823	rBV2	6665066	10278393	100.00%	7.020%
70	12.821	1823	1825	1827	rVB	499071	381364	3.71%	0.260%

71	12.868	1827	1833	1838	rBV2	4526886	4636559	45.11%	3.167%
72	12.915	1838	1841	1844	rVB	2773306	2416546	23.51%	1.650%
73	12.974	1845	1851	1853	rVB3	254773	388043	3.78%	0.265%
74	13.033	1858	1861	1864	rBV2	175853	189422	1.84%	0.129%
75	13.151	1879	1881	1891	rVB2	262614	441441	4.29%	0.301%

76	13.233	1891	1895	1898	rBV	2642132	2375436	23.11%	1.622%
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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.263	1898	1900	1902	rVB	666928	483170	4.70%	0.330%
78	13.310	1902	1908	1910	rBV	381616	456135	4.44%	0.312%
79	13.333	1910	1912	1915	rVB	231003	179888	1.75%	0.123%
80	13.380	1916	1920	1931	rVB	1038060	1548724	15.07%	1.058%
81	13.468	1932	1935	1937	rBV	486276	412122	4.01%	0.281%
82	13.586	1952	1955	1959	rVB	2062087	1918915	18.67%	1.311%
83	13.827	1992	1996	2001	rVB	487688	513218	4.99%	0.351%
84	13.933	2010	2014	2017	rBV	1978898	1663757	16.19%	1.136%
85	13.968	2017	2020	2026	rVB	608099	551123	5.36%	0.376%
86	14.045	2030	2033	2036	rBV	390944	372584	3.62%	0.254%
87	14.386	2088	2091	2099	rVV	239992	427427	4.16%	0.292%
88	14.451	2099	2102	2108	rVV	347822	379090	3.69%	0.259%
89	14.510	2109	2112	2116	rVB	153956	186806	1.82%	0.128%
90	14.662	2133	2138	2141	rVB	2103540	2165030	21.06%	1.479%
91	15.139	2215	2219	2228	rVB	453093	698875	6.80%	0.477%
92	15.380	2252	2260	2264	rVV	5558637	9083122	88.37%	6.203%
93	15.445	2267	2271	2287	rVB	583203	896122	8.72%	0.612%
94	15.839	2334	2338	2343	rVB	151395	221053	2.15%	0.151%
95	16.198	2393	2399	2404	rBV2	306853	586513	5.71%	0.401%
96	16.292	2410	2415	2427	rVV4	334003	1029479	10.02%	0.703%
97	16.392	2428	2432	2439	rVB2	317683	545970	5.31%	0.373%
98	16.762	2490	2495	2505	rVB4	151165	330496	3.22%	0.226%
99	17.439	2602	2610	2619	rBV2	481360	1169974	11.38%	0.799%
100	18.380	2758	2770	2792	rVB2	333827	2017341	19.63%	1.378%

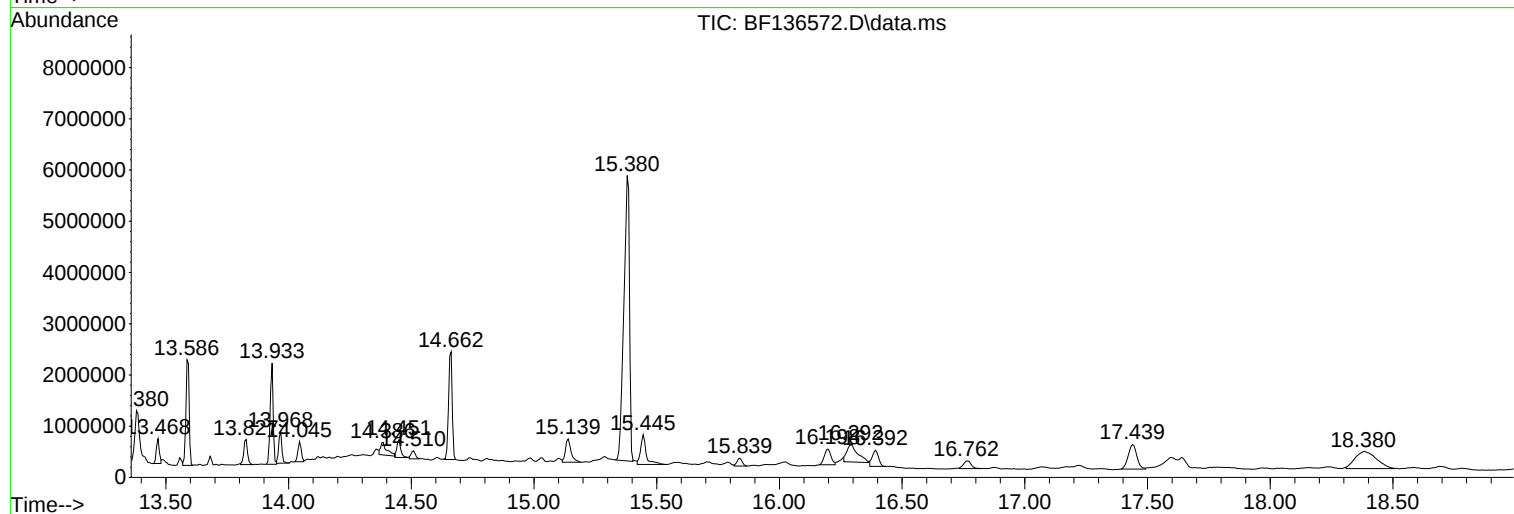
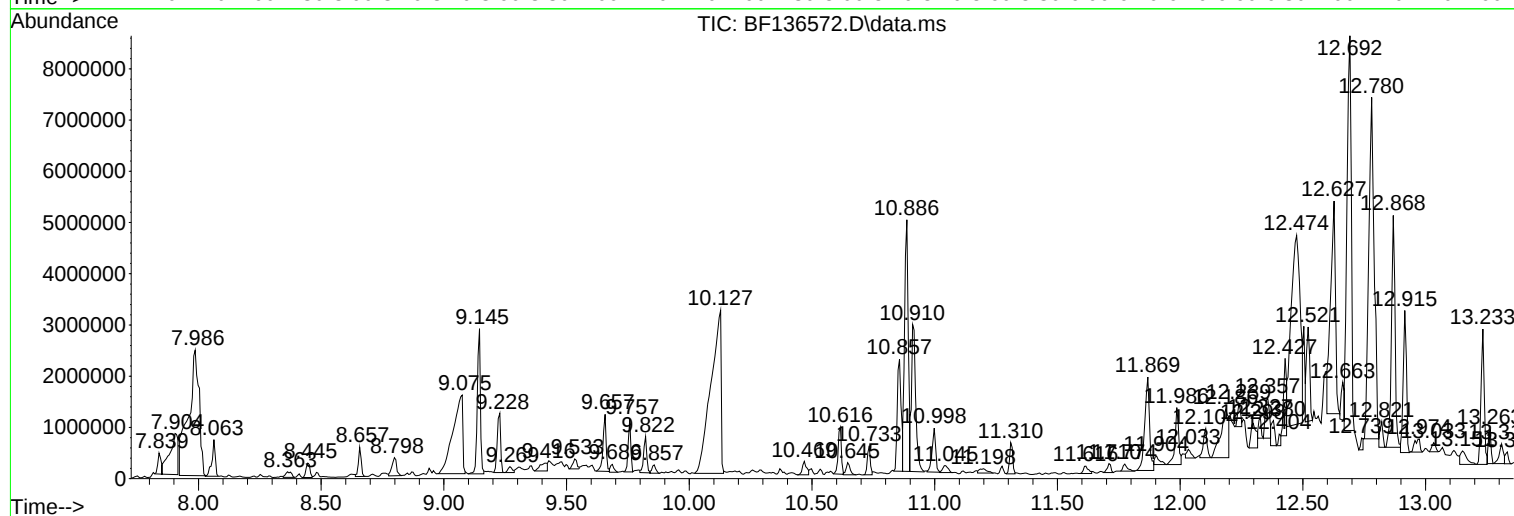
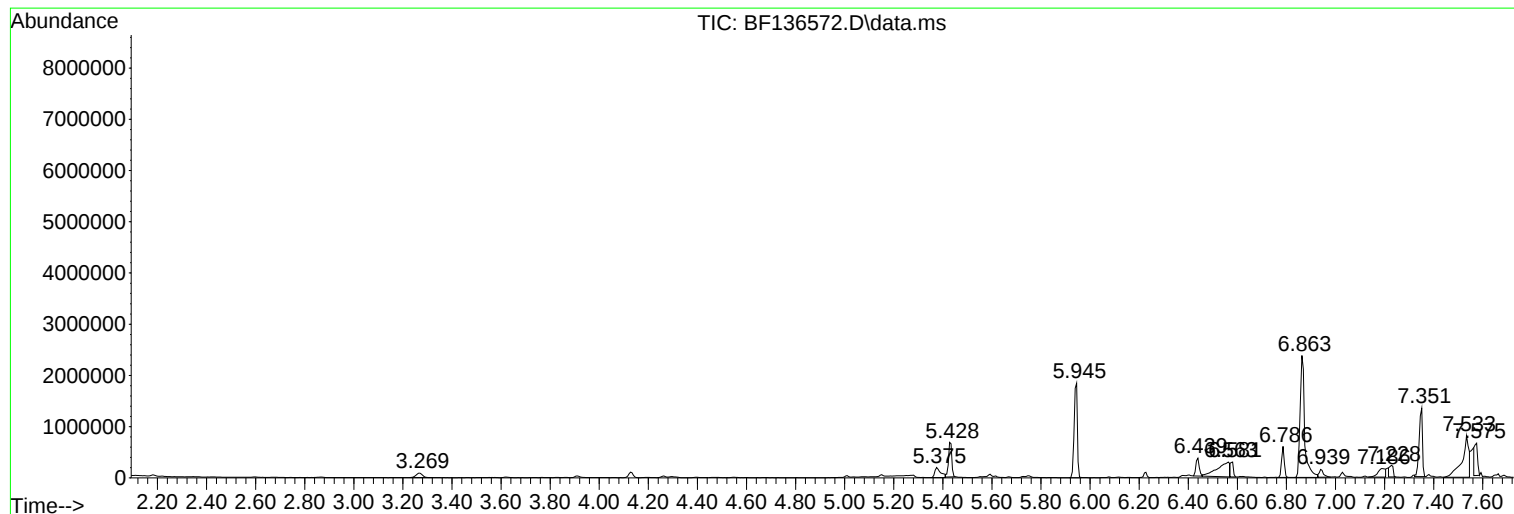
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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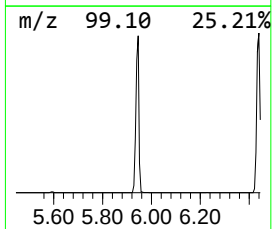
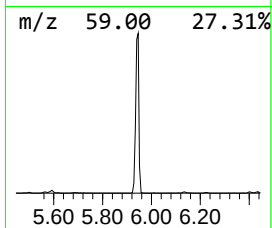
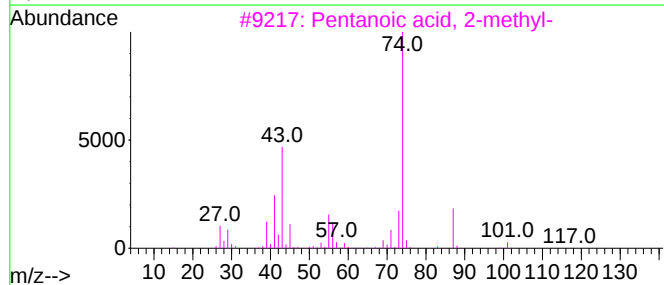
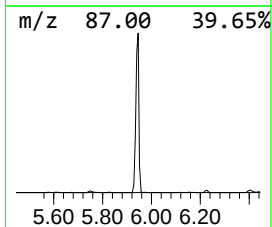
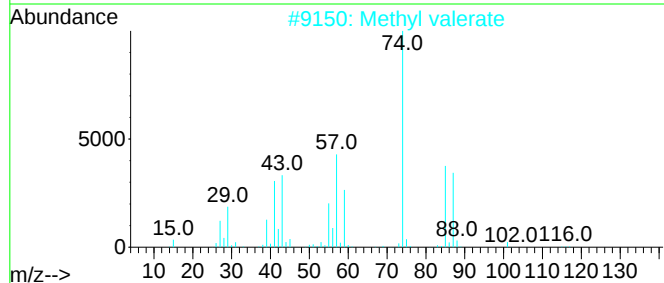
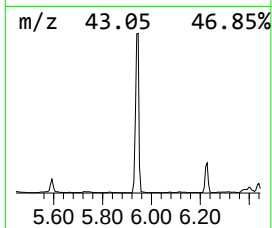
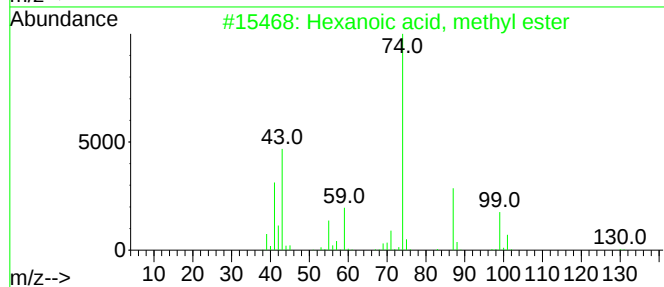
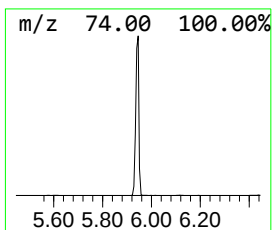
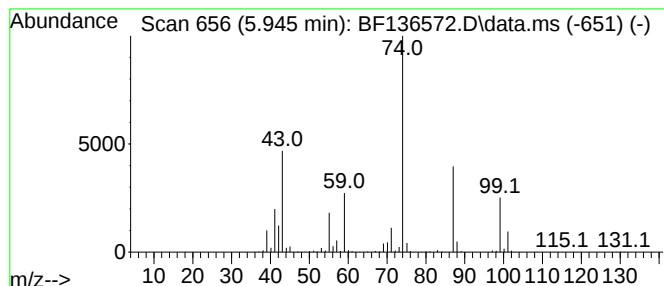
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.945	73.63 ng	1683450	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	90
2			Methyl valerate	116	C6H12O2	000624-24-8	59
3			Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	45
4			Pentanoic acid, 3-methyl-, methy...	130	C7H14O2	002177-78-8	42
5			2,3,4-Trimethylpentanoic acid	144	C8H16O2	090435-18-0	33



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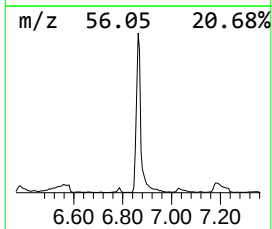
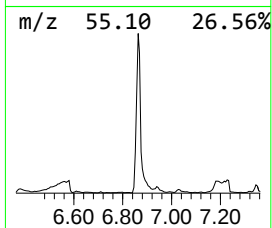
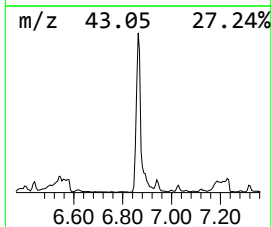
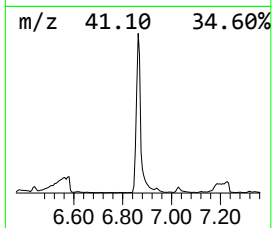
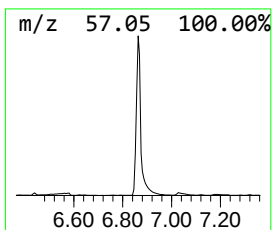
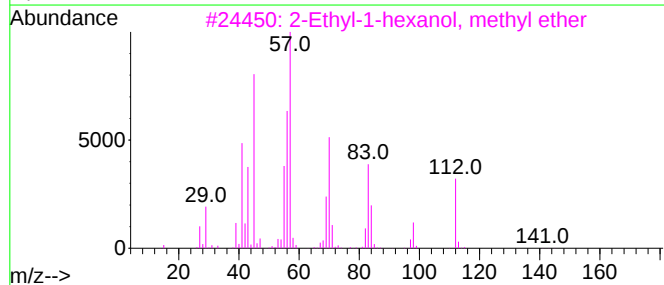
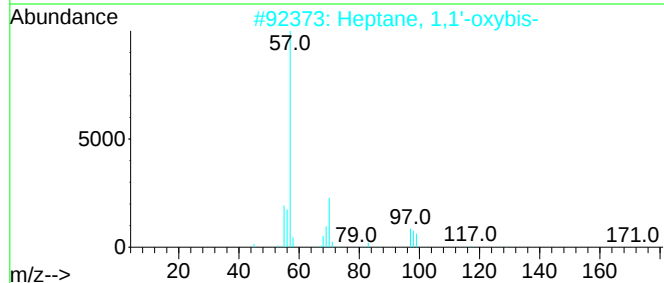
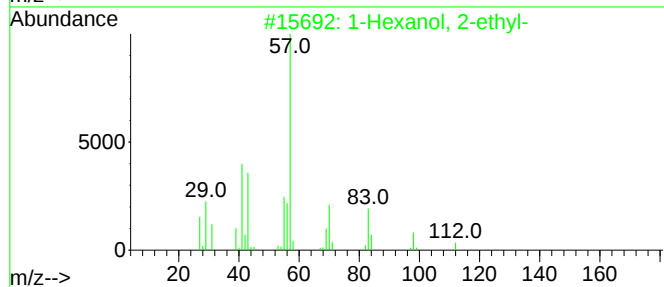
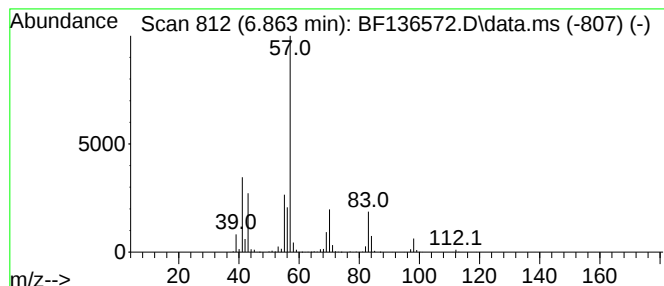
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	134.99 ng	3086430	1,4-Dichlorobenzene-d4	6.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	90
2	Heptane, 1,1'-oxybis-			214	C14H30O	000629-64-1	64
3	2-Ethyl-1-hexanol, methyl ether			144	C9H20O	1000365-10-2	53
4	Pentadecafluorooctanoic acid, 2-...			526	C16H17F15O2	1000406-80-9	50
5	2-Propyl-1-pentanol			130	C8H18O	058175-57-8	50



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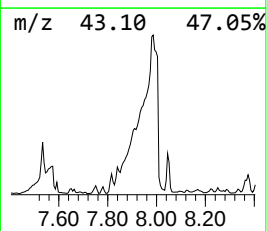
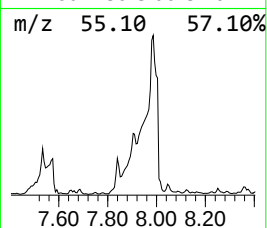
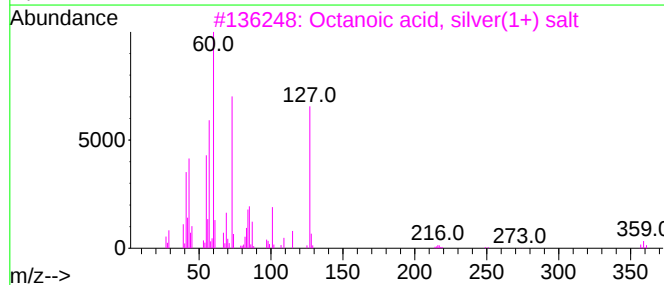
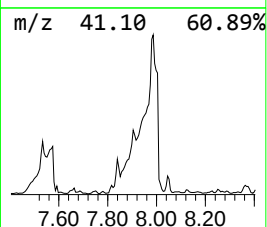
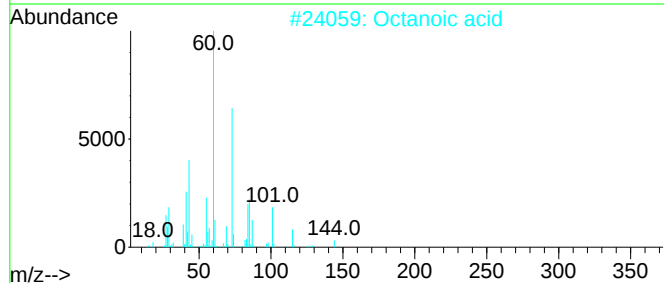
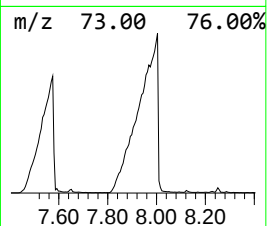
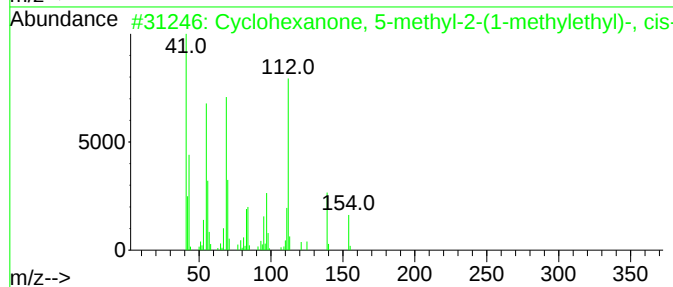
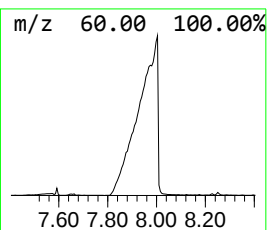
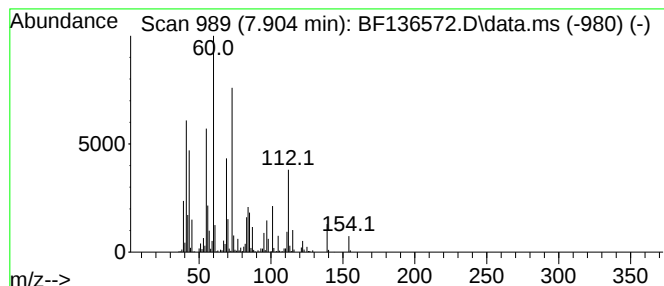
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanone, 5-methyl-2-(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.904	56.17 ng	1883480	Naphthalene-d8	8.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	000491-07-6	60
2		Octanoic acid	144	C8H16O2	000124-07-2	58
3		Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
4		Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	35
5		Hexanoic acid	116	C6H12O2	000142-62-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

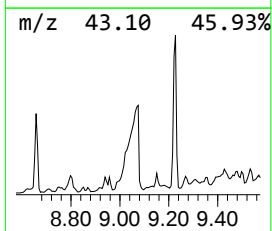
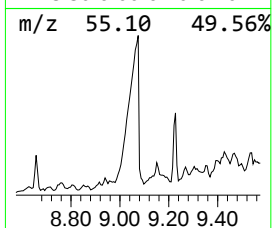
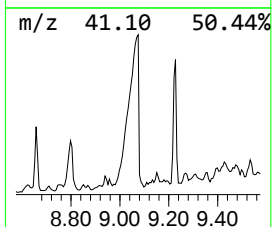
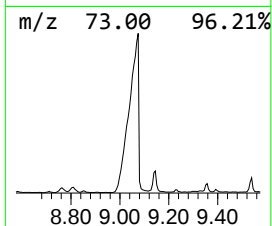
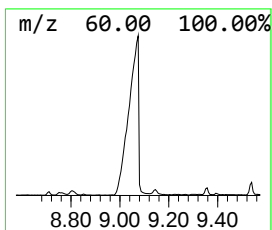
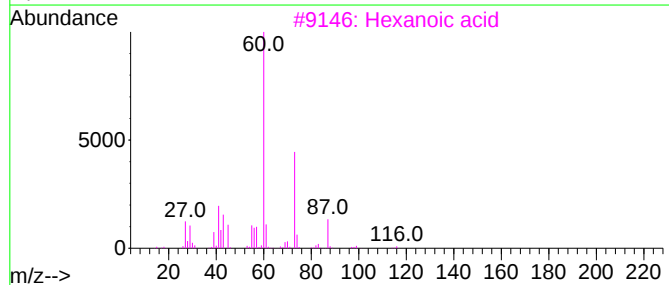
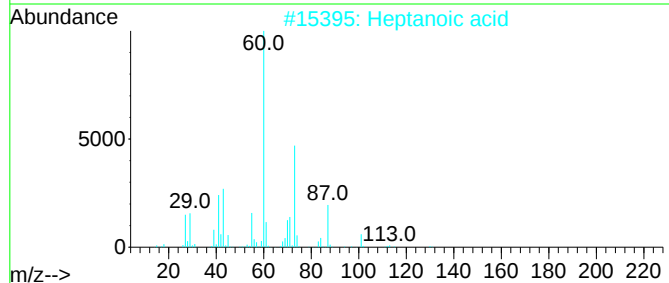
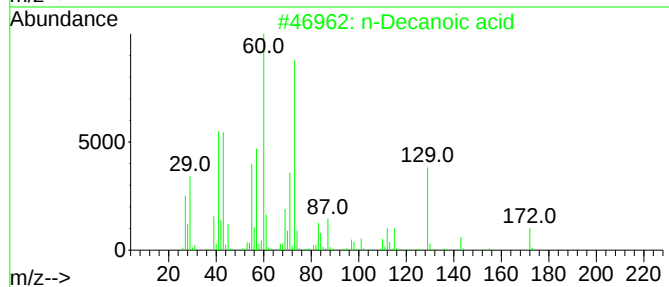
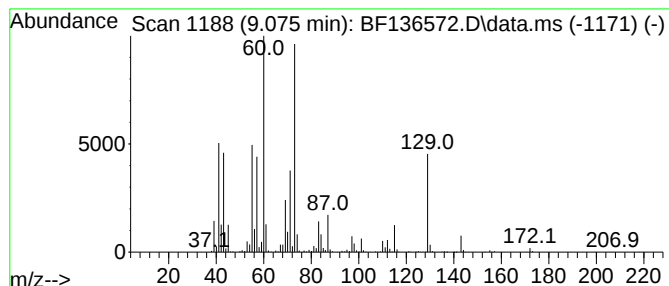
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	136.37 ng	4257030	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Decanoic acid	172	C10H20O2	000334-48-5	91
2			Heptanoic acid	130	C7H14O2	000111-14-8	50
3			Hexanoic acid	116	C6H12O2	000142-62-1	46
4			Pentanoic acid	102	C5H10O2	000109-52-4	43
5			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
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Sample : 05569-02
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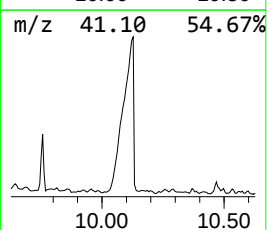
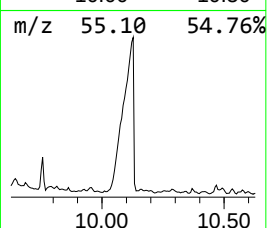
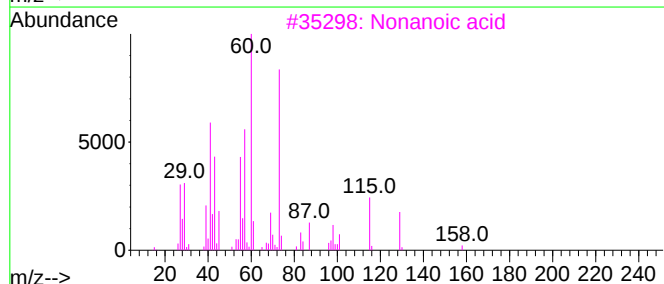
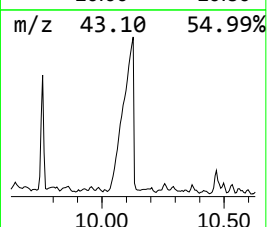
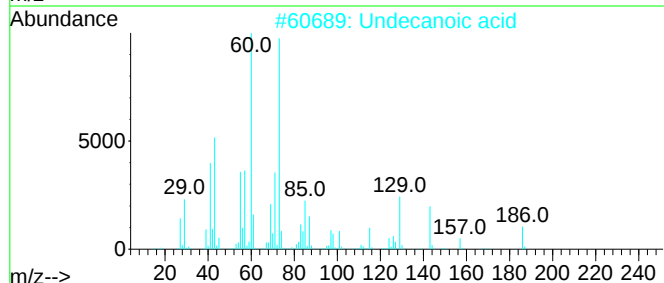
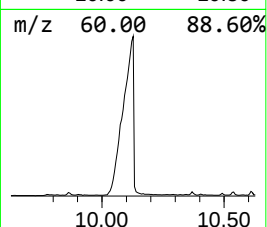
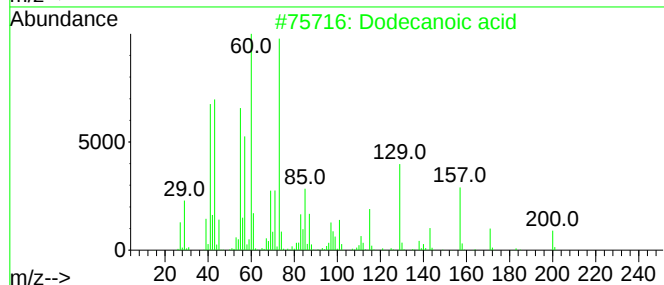
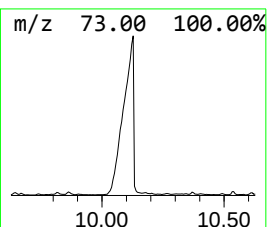
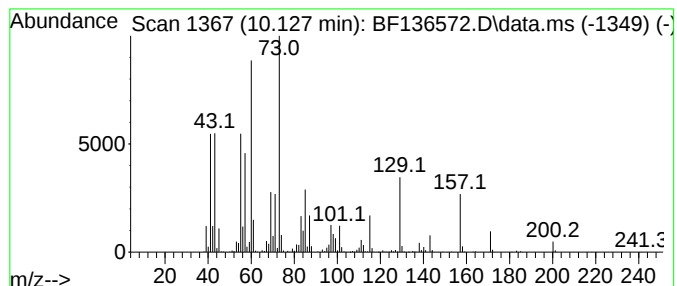
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	294.81 ng	9203010	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	98
2			Undecanoic acid	186	C11H22O2	000112-37-8	72
3			Nonanoic acid	158	C9H18O2	000112-05-0	68
4			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	45
5			Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NO5	029926-41-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
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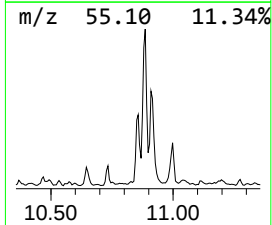
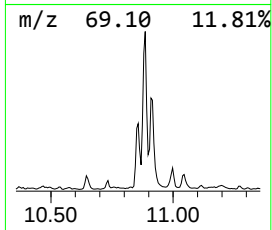
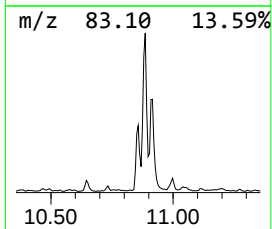
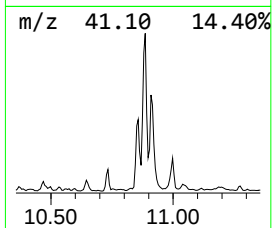
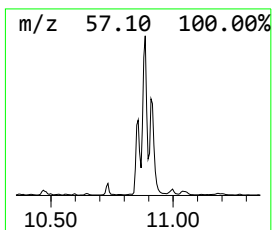
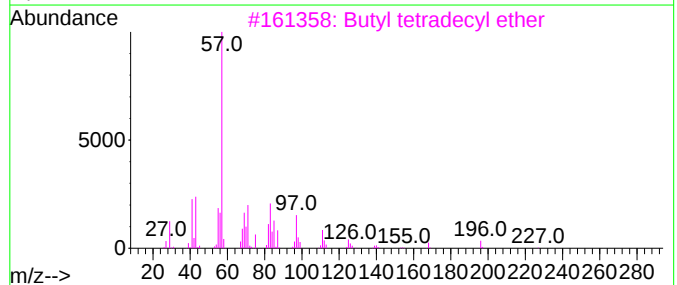
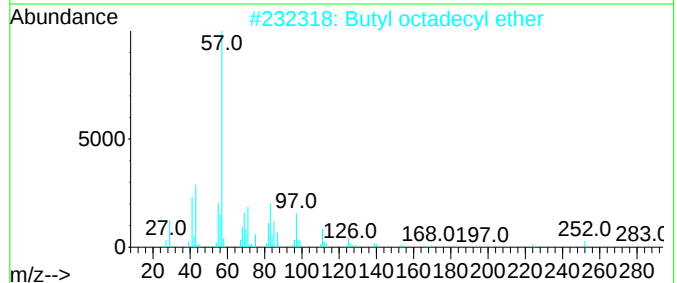
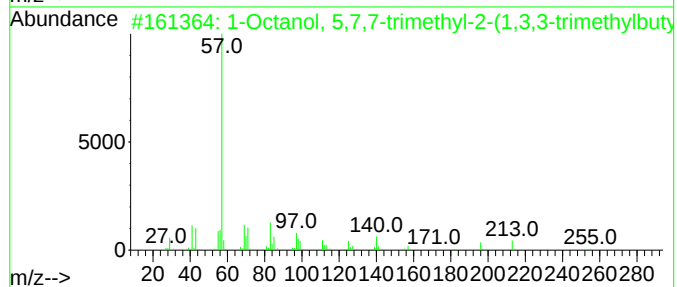
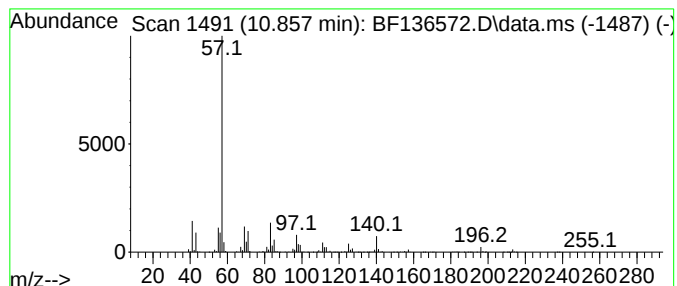
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	92.36 ng	2460470	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80		
2	Butyl octadecyl ether	326	C22H46O	1000406-40-6	59		
3	Butyl tetradecyl ether	270	C18H38O	1000406-40-4	59		
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	59		
5	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	53		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
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ALS Vial : 11 Sample Multiplier: 1

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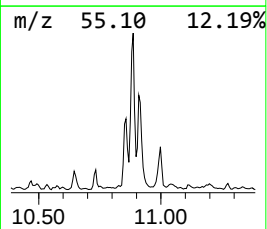
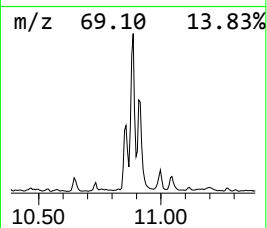
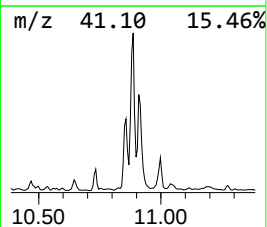
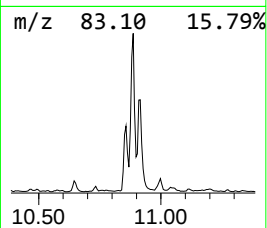
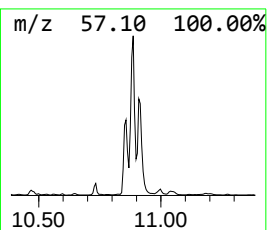
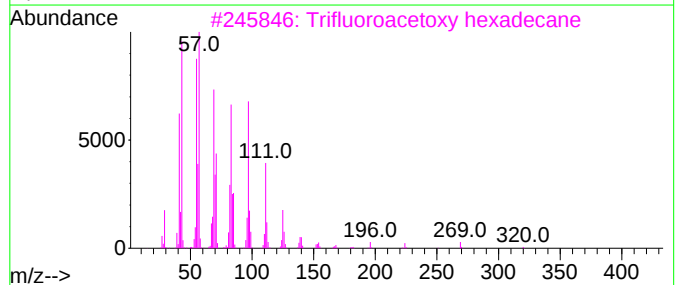
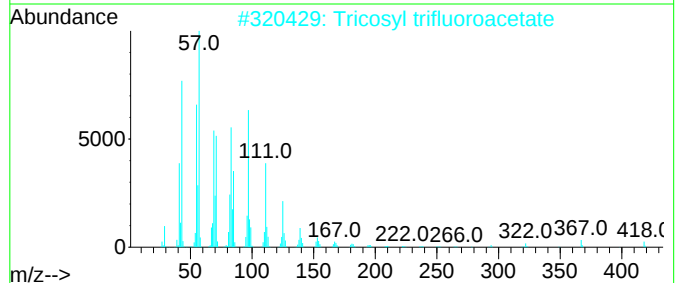
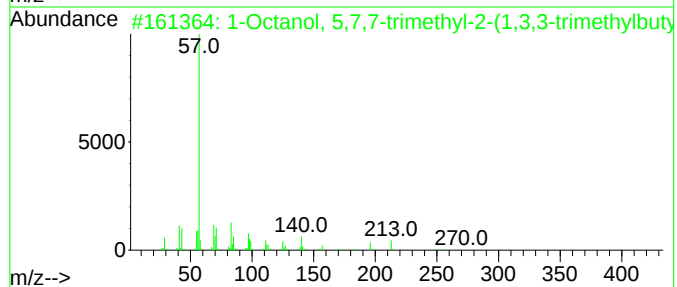
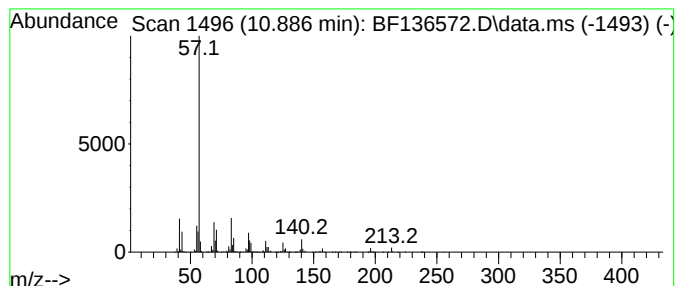
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tricosyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	195.11 ng	5197660	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	83		
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	50		
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	49		
4	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	47		
5	Hexanoic acid, 3,5,5-trimethyl-,...	340	C22H44O2	1000406-26-1	47		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
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Instrument :
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ClientSampleId :
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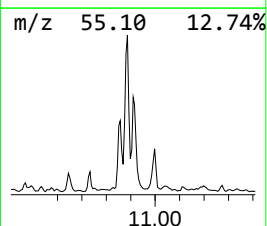
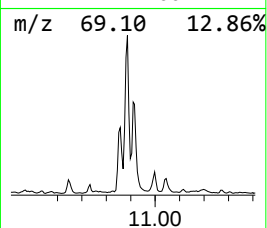
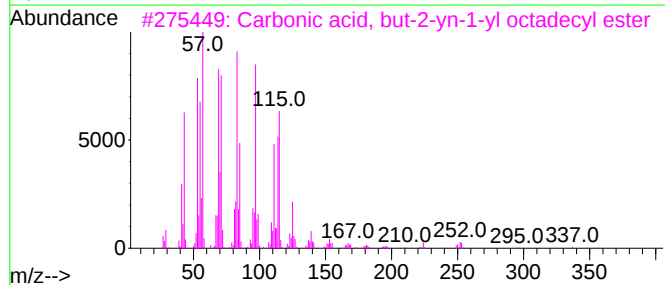
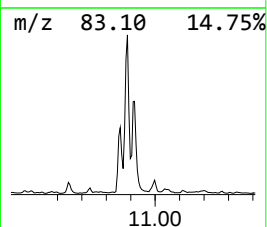
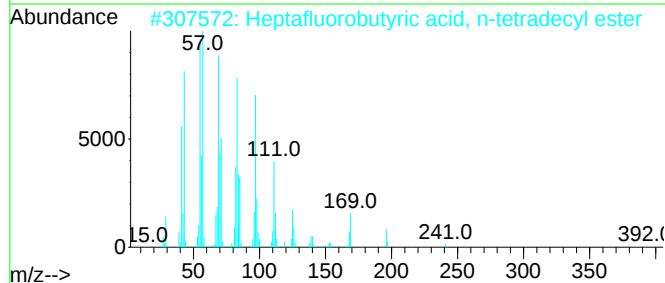
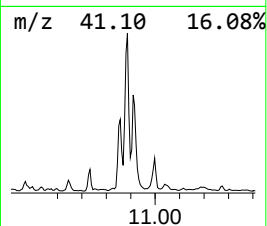
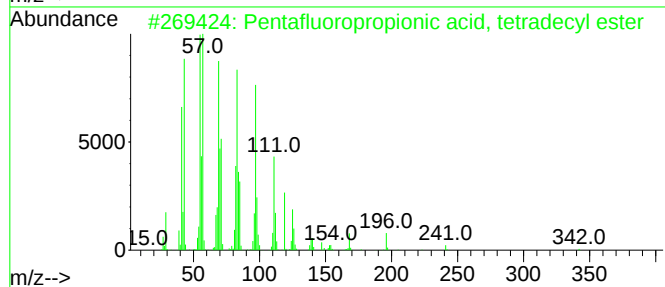
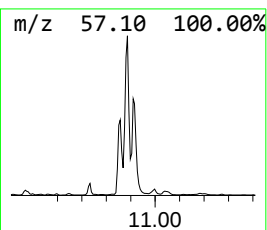
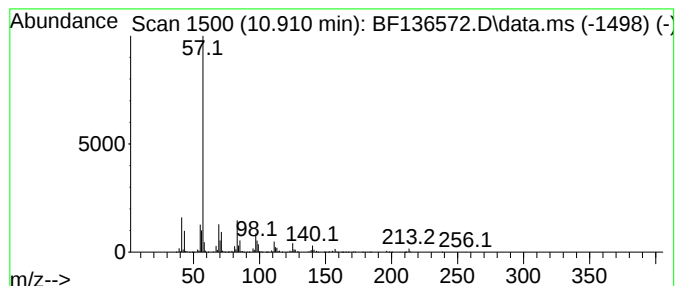
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	126.64 ng	3373530	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	64
2			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	64
3			Carbonic acid, but-2-yn-1-yl oct...	366	C23H42O3	1000383-21-3	64
4			Carbonic acid, but-2-yn-1-yl eic...	394	C25H46O3	1000383-21-4	64
5			1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
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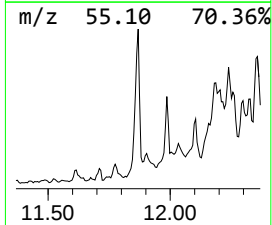
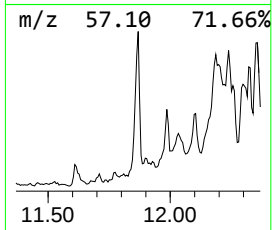
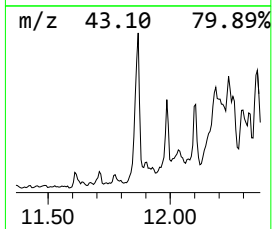
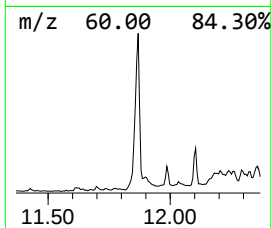
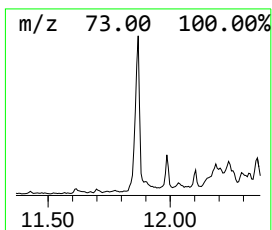
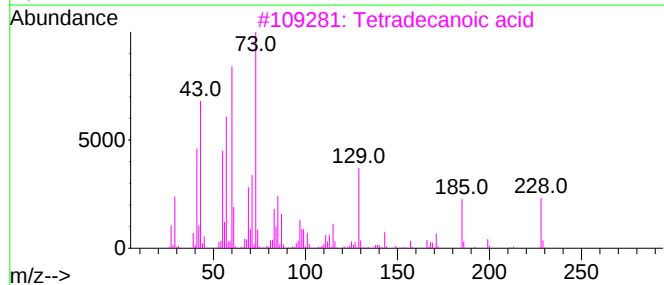
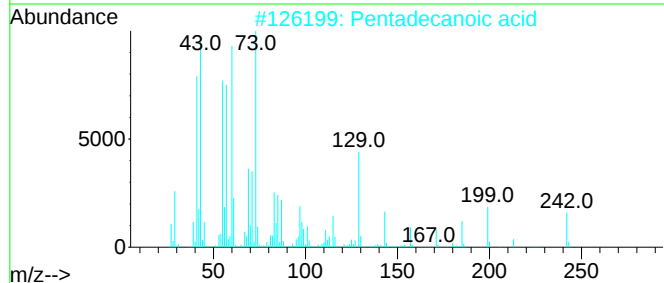
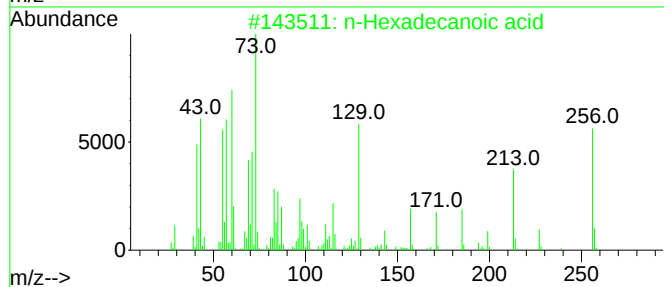
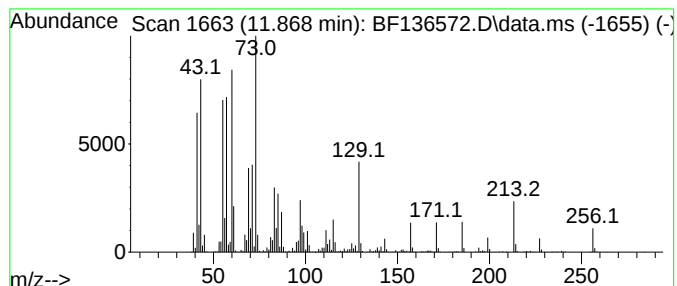
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.868	92.55 ng	2465450	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	70
4	Tridecanoic acid		214	C13H26O2	000638-53-9	68
5	n-Decanoic acid		172	C10H20O2	000334-48-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
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ALS Vial : 11 Sample Multiplier: 1

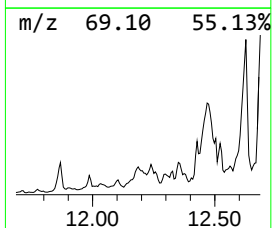
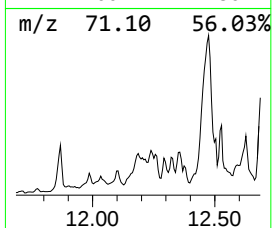
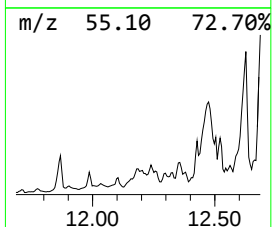
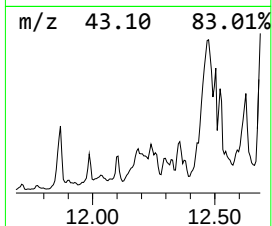
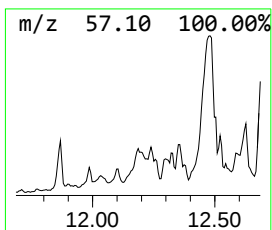
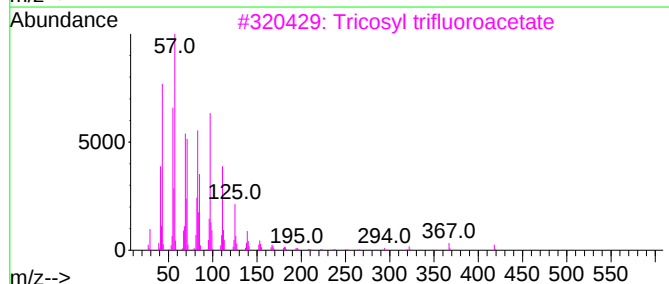
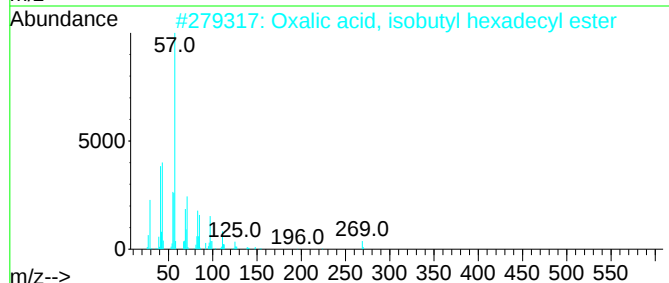
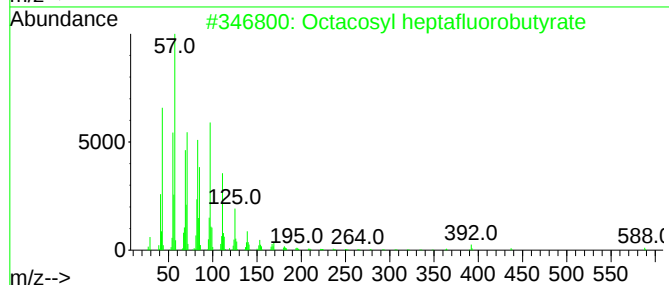
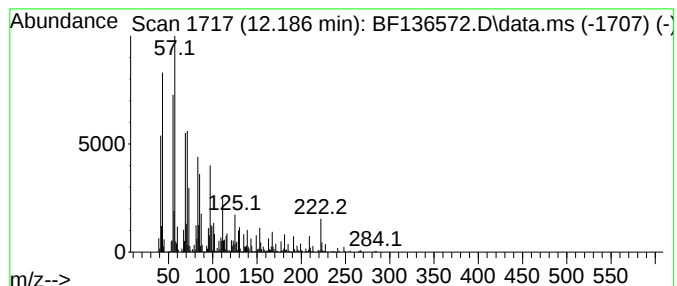
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ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octacosyl heptafluorobutyrate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.186	81.20 ng	2163020	Phenanthrene-d10	11.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	62
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	58
4	Hexacosyl propyl ether	424	C29H60O	1000406-28-4	58
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

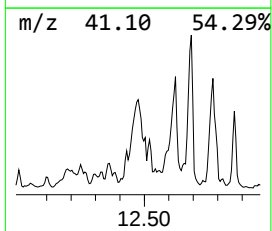
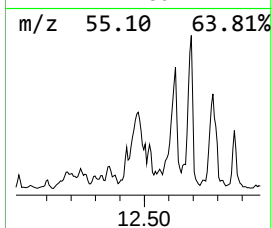
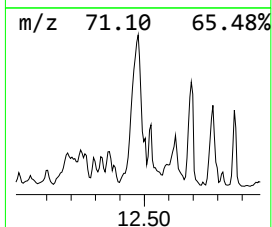
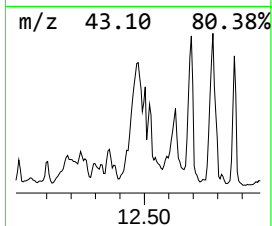
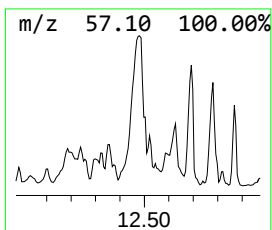
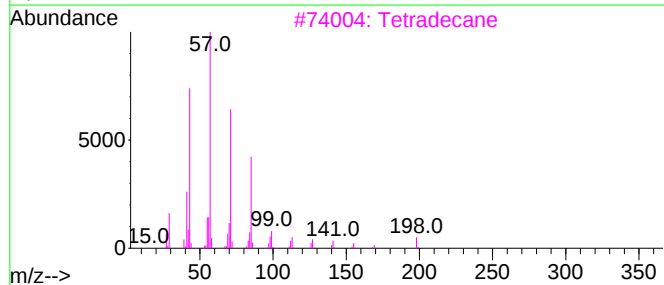
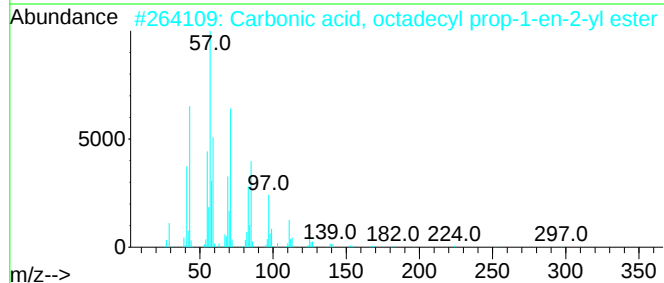
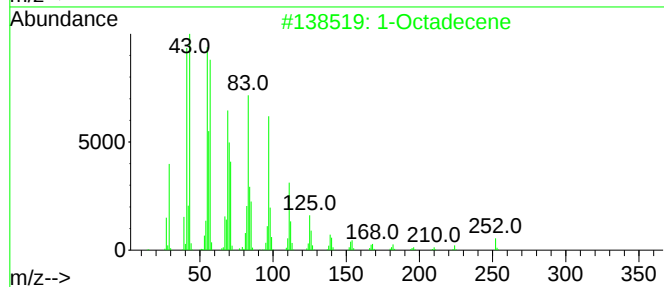
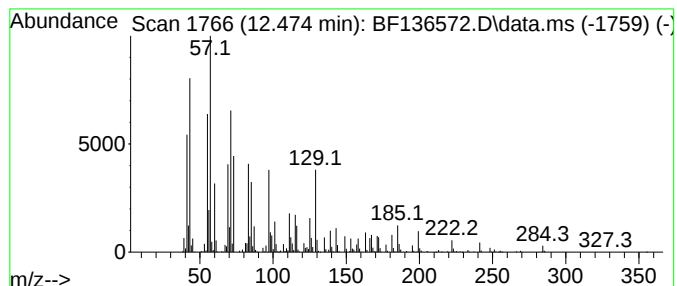
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.474 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	361.79 ng	9638090	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	38
2		Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	30
3		Tetradecane	198	C14H30	000629-59-4	25
4		Pentadecane	212	C15H32	000629-62-9	25
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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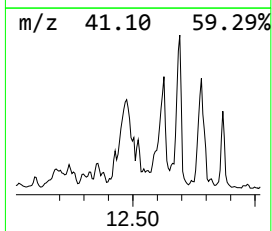
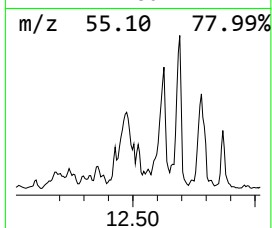
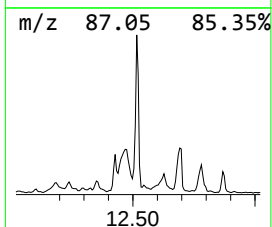
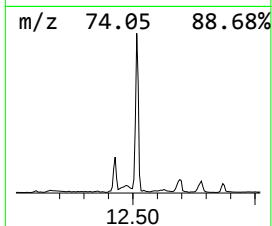
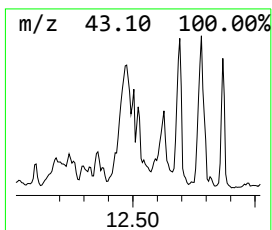
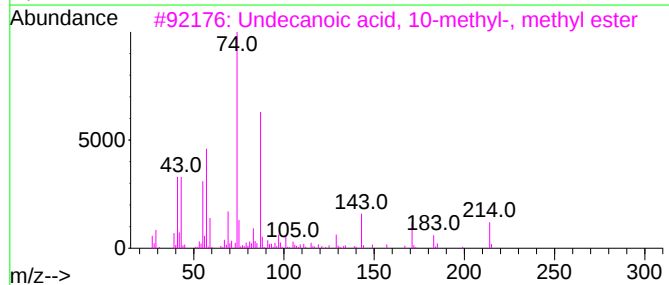
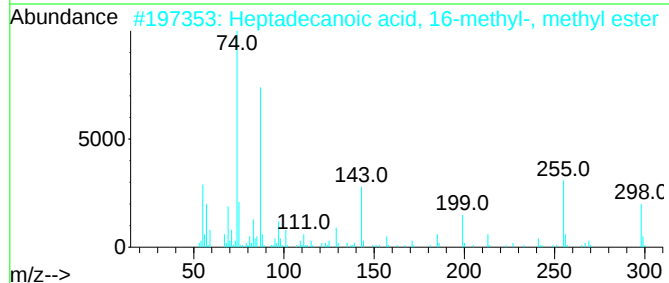
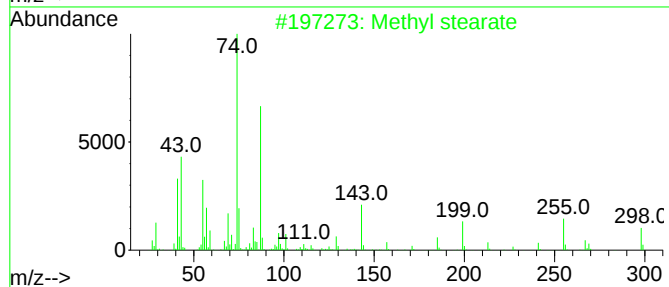
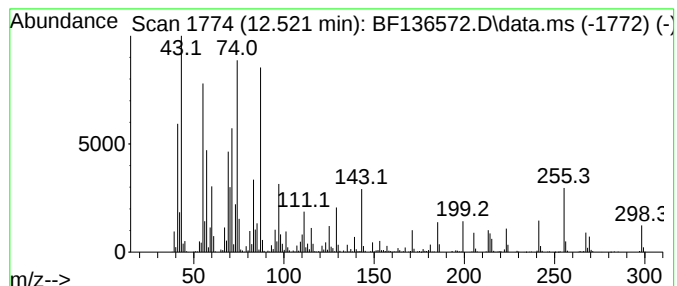
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Methyl stearate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	62.29 ng	1659260	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	64
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	55
3		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	46
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	46
5		Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	005129-66-8	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

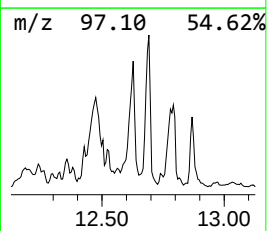
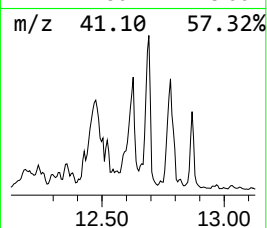
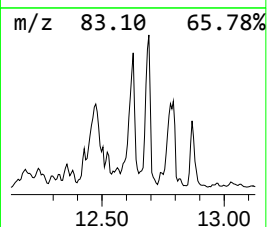
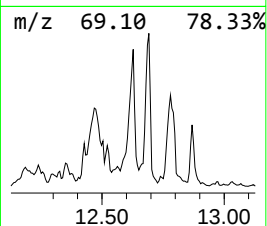
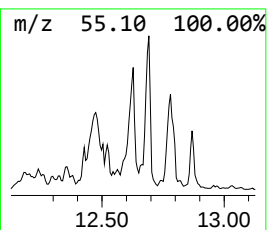
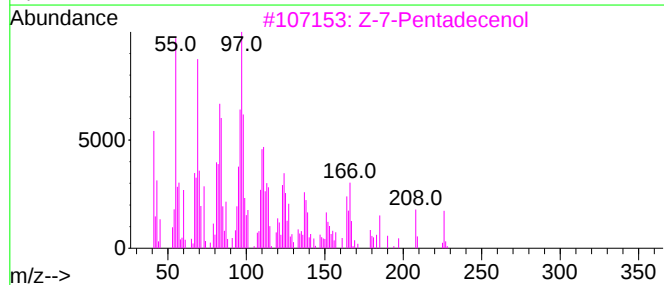
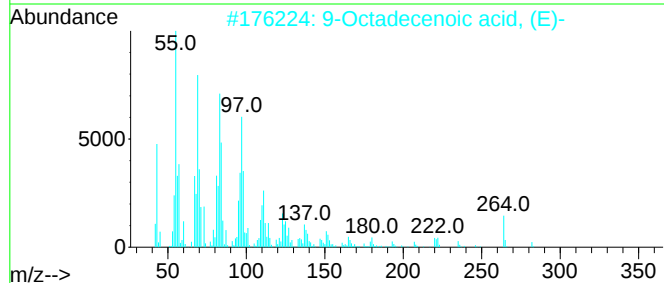
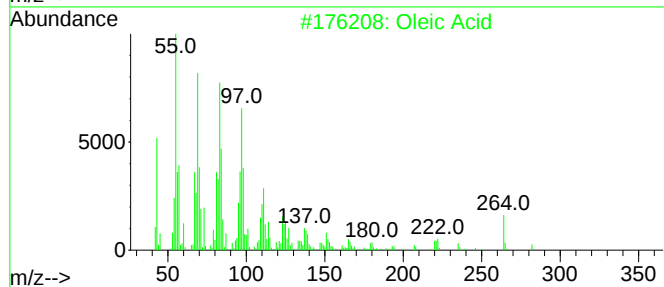
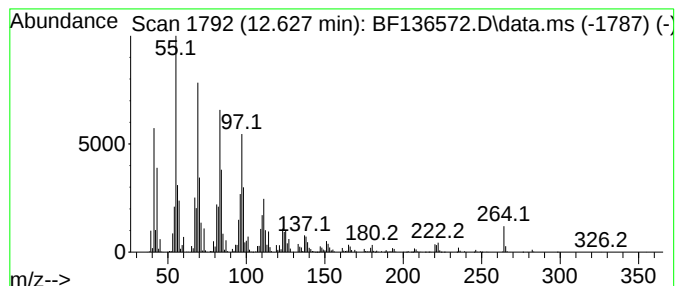
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	211.12 ng	5624220	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oleic Acid	282	C18H34O2	000112-80-1	91
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
3			Z-7-Pentadecenol	226	C15H30O	1010130-76-6	64
4			cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	50
5			9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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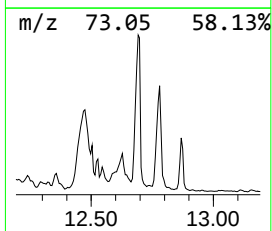
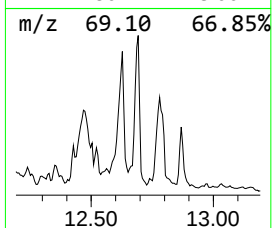
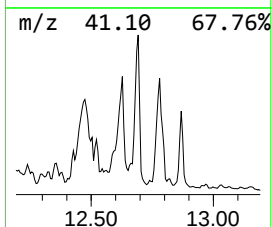
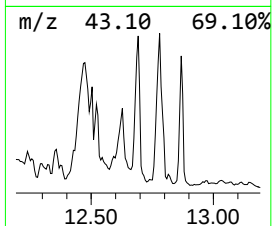
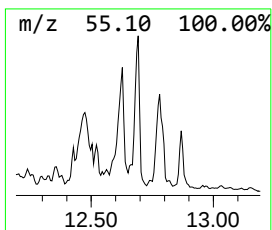
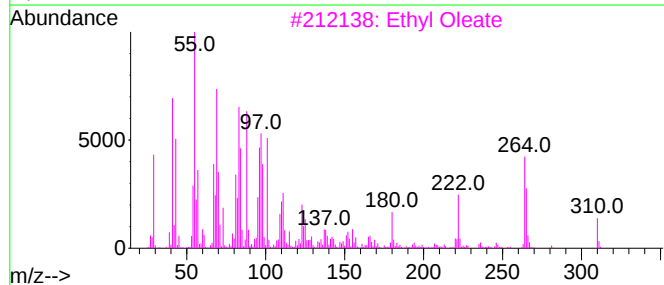
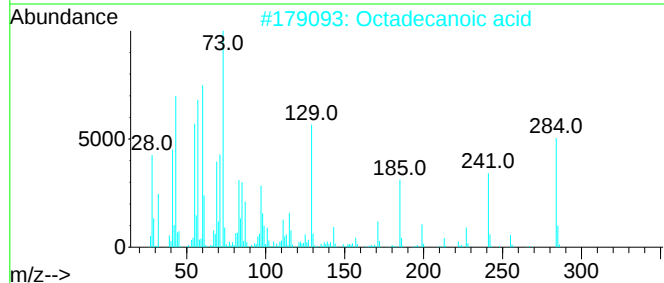
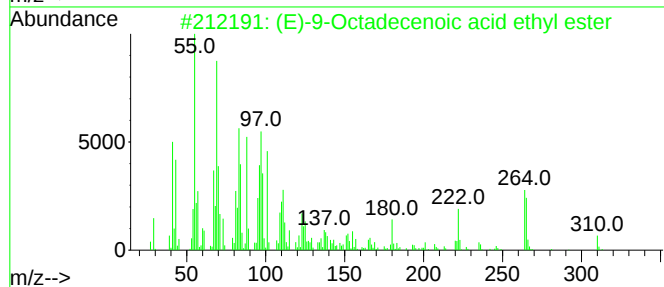
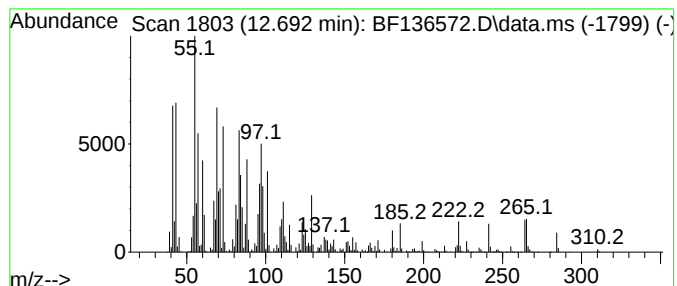
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (E)-9-Octadecenoic acid eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	337.26 ng	9293460	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-9-Octadecenoic acid ethyl ester	310	C20H38O2	006114-18-7	99		
2	Octadecanoic acid	284	C18H36O2	000057-11-4	92		
3	Ethyl Oleate	310	C20H38O2	000111-62-6	78		
4	1-Nonadecene	266	C19H38	018435-45-5	62		
5	trans-9-Octadecenoic acid, penty...	352	C23H44O2	1000405-19-1	46		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

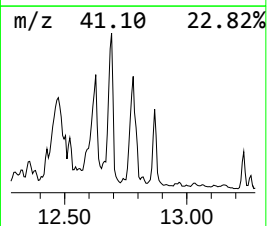
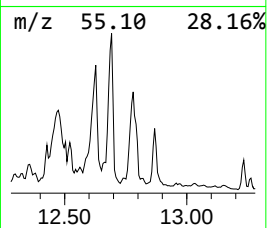
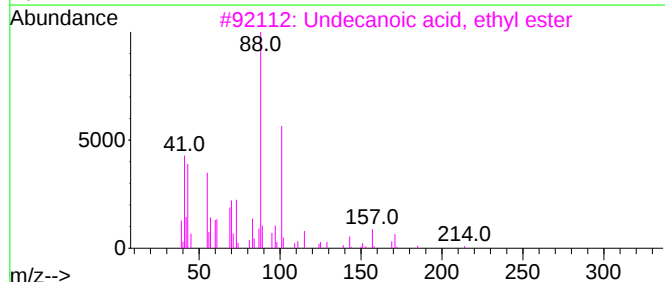
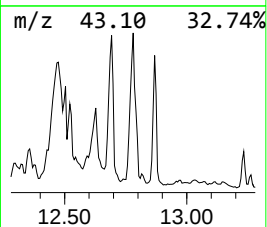
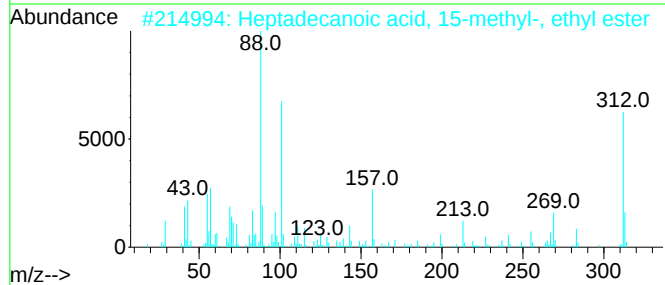
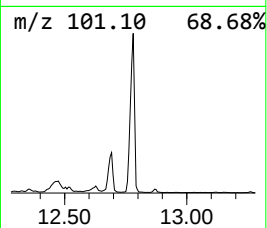
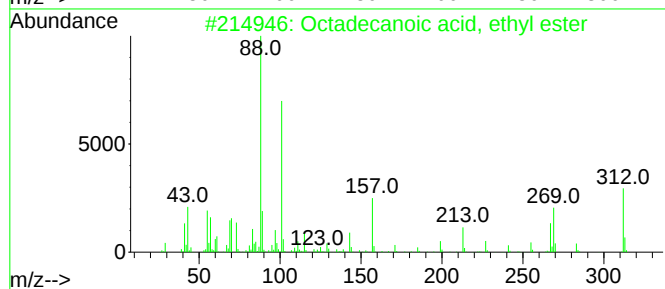
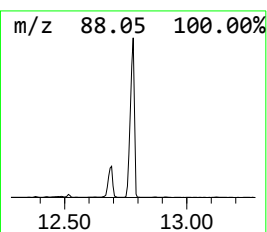
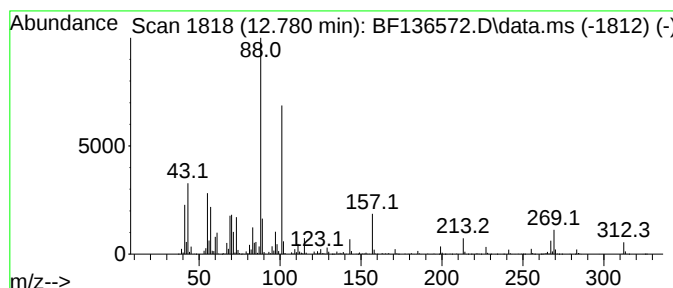
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octadecanoic acid, ethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.780	373.00 ng	10278400	Chrysene-d12	13.968	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	99
2	Heptadecanoic acid, 15-methyl-, ...	312	C20H40O2	057274-46-1	91
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	90
4	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	87
5	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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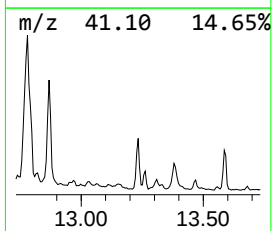
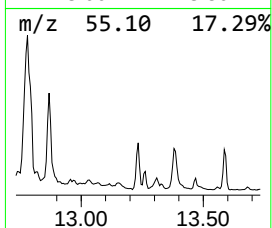
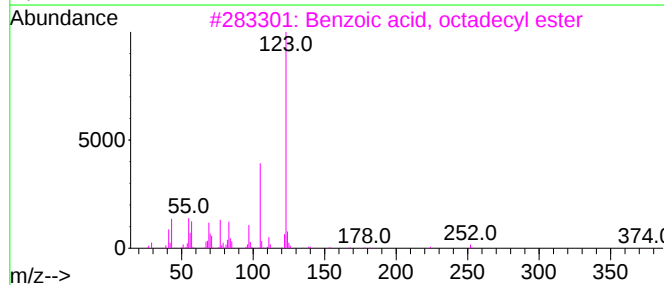
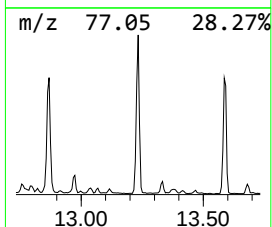
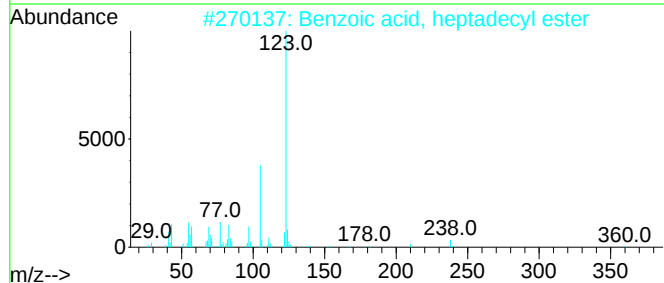
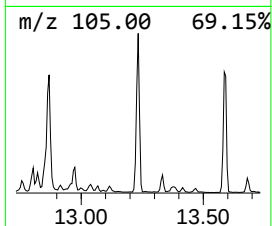
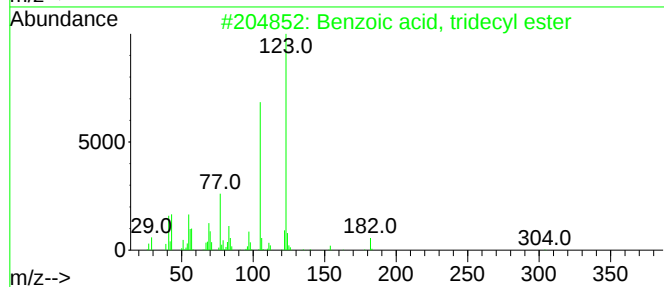
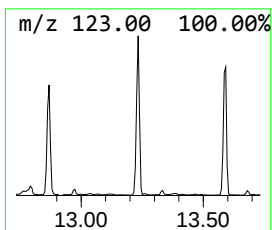
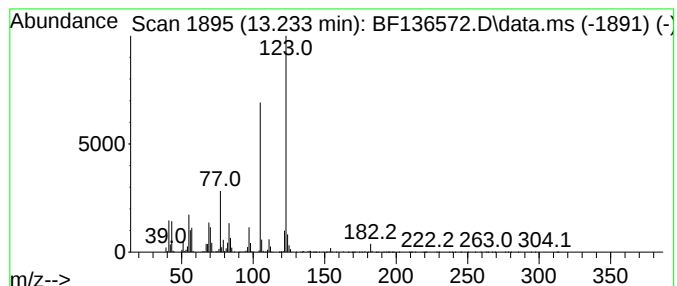
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzoic acid, tridecyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	86.20 ng	2375440	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	98
2			Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3			Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
4			Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	90
5			Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

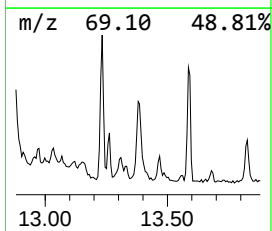
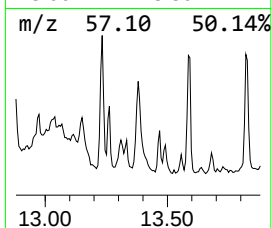
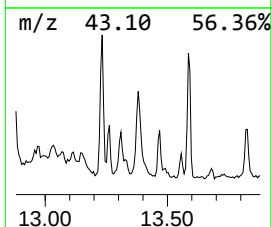
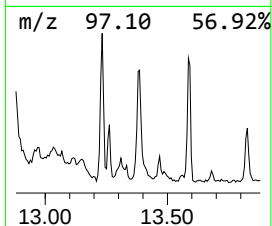
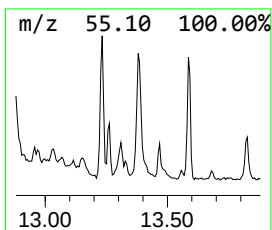
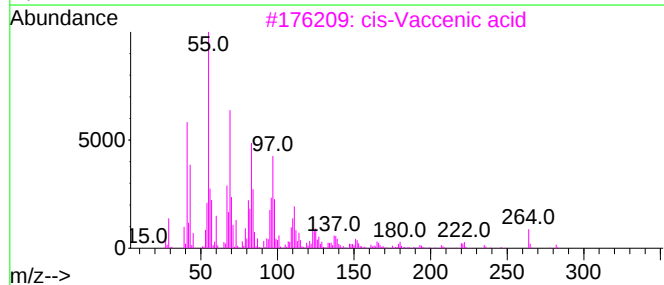
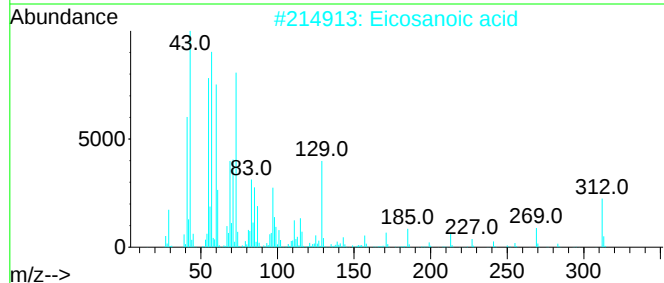
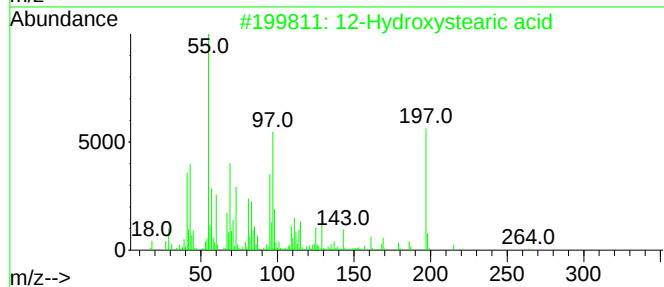
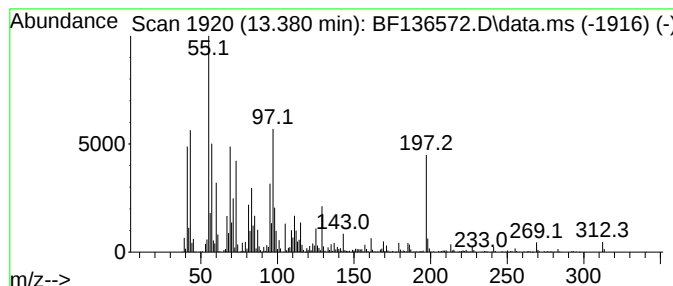
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 12-Hydroxystearic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	56.20 ng	1548720	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			12-Hydroxystearic acid	300	C18H36O3	000106-14-9	50
2			Eicosanoic acid	312	C20H40O2	000506-30-9	25
3			cis-Vaccenic acid	282	C18H34O2	000506-17-2	22
4			1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	22
5			Pyrollidine, 2,5-bis(imino)-	97	C4H7N3	000503-84-4	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

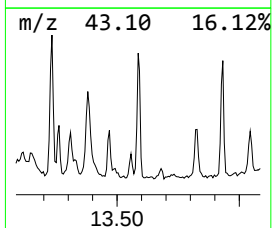
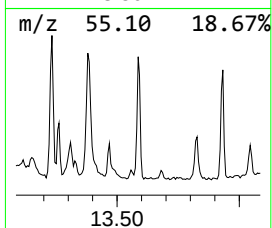
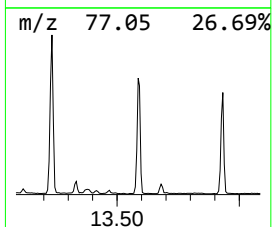
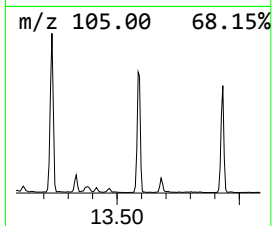
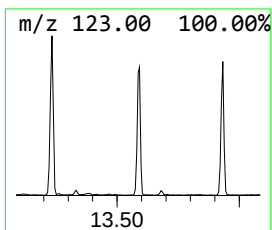
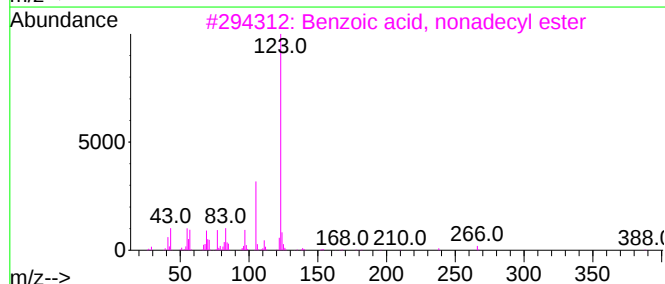
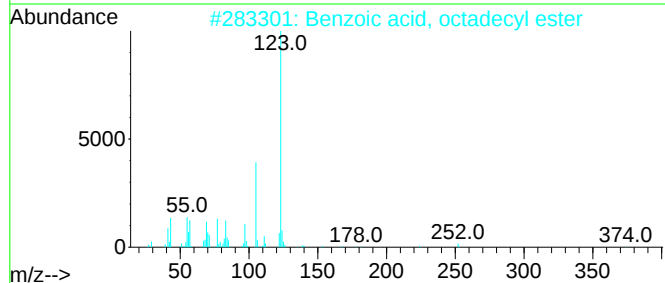
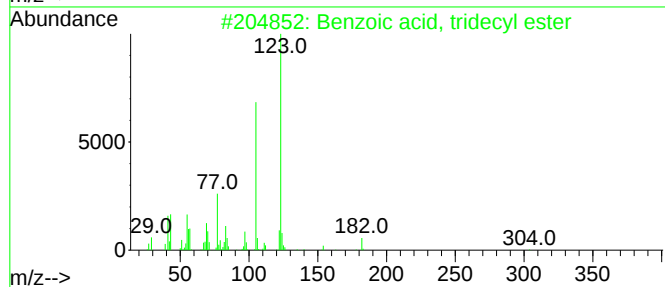
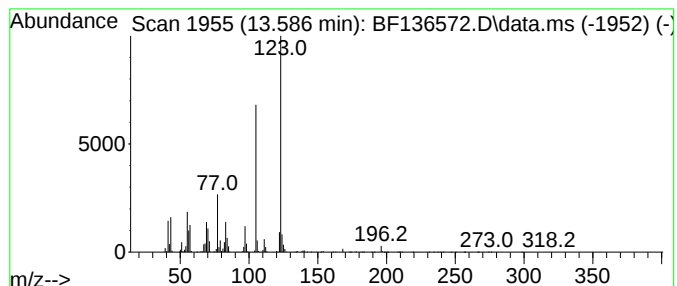
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzoic acid, octadecyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.586	69.64 ng	1918920	Chrysene-d12	13.968	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
3	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
4	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

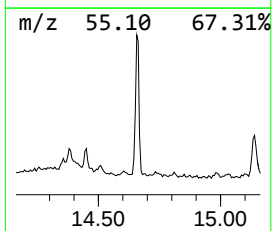
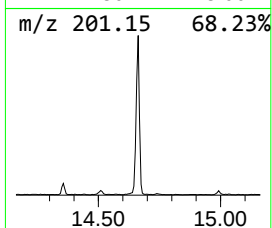
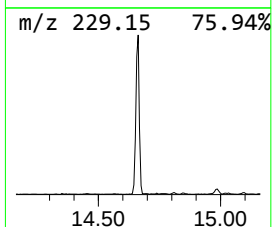
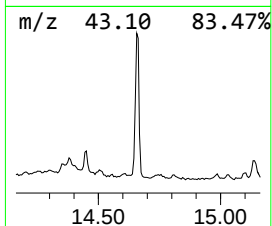
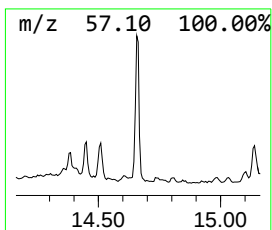
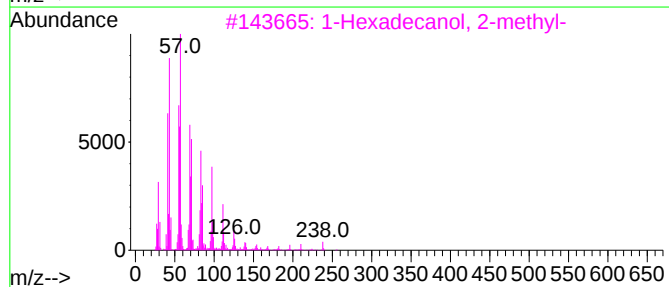
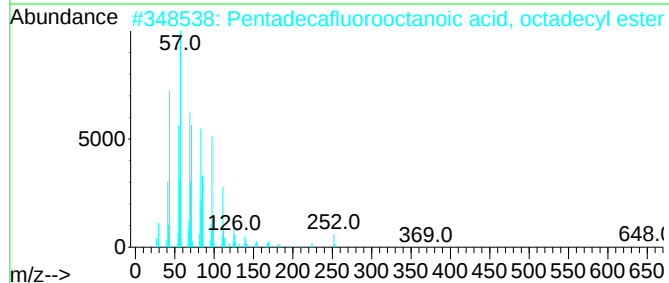
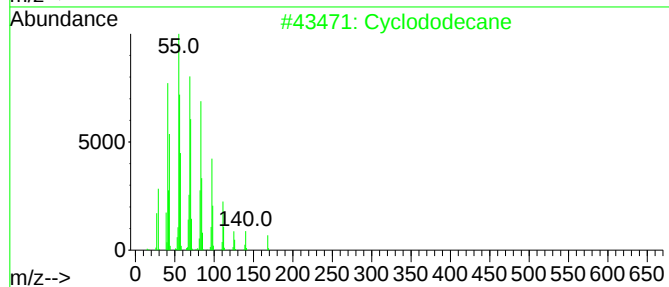
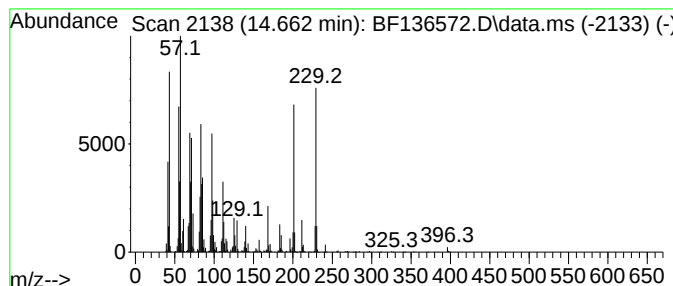
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Cyclododecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.662	78.57 ng	2165030	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	90
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
3			1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	66
4			Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	50
5			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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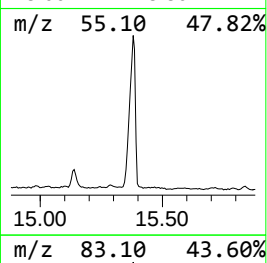
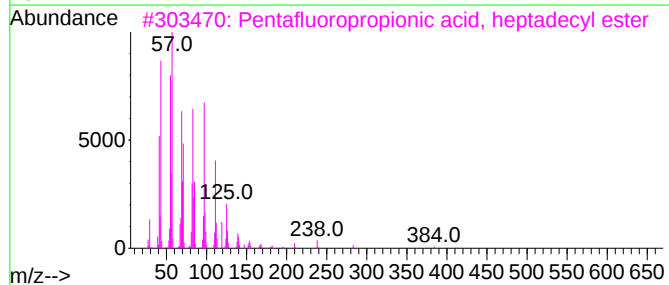
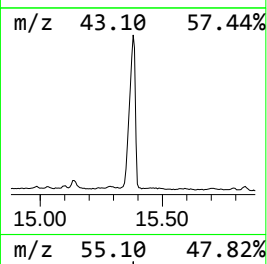
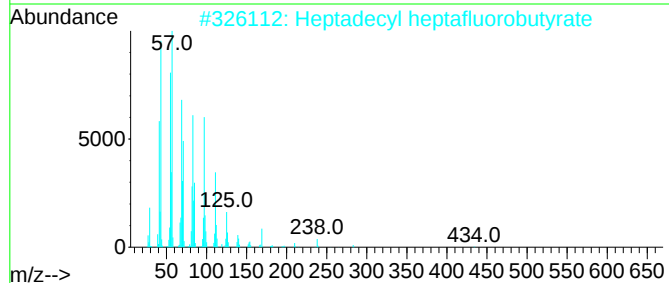
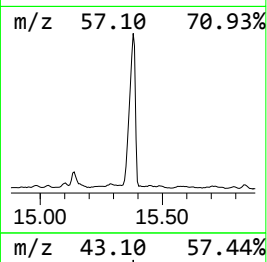
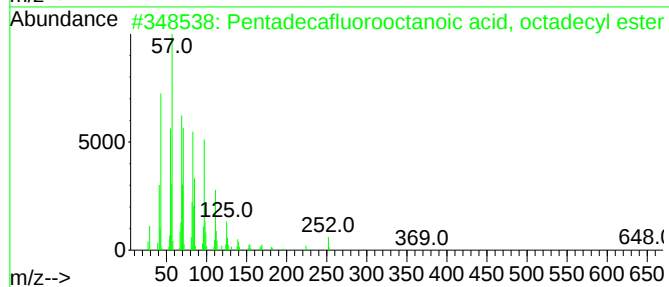
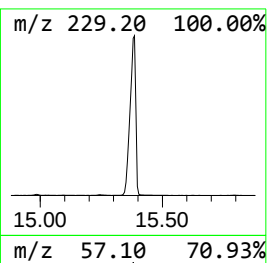
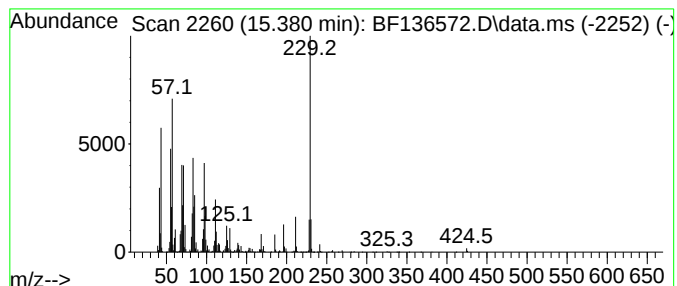
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	202.72 ng	9083120	Perylene-d12	15.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
3			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	78
4			1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	64
5			Pentadecafluorooctanoic acid, te...	610	C22H29F15O2	1000406-04-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
Data File : BF136572.D
Acq On : 14 Dec 2023 17:13
Operator : CG\JU
Sample : 05569-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, ...	5.945	73.6	ng	1683450	1	6.786	457283	20.0
1-Hexanol, 2-et...	6.863	135.0	ng	3086430	1	6.786	457283	20.0
Cyclohexanone, ...	7.904	56.2	ng	1883480	2	8.063	670598	20.0
n-Decanoic acid	9.075	136.4	ng	4257030	3	9.822	624333	20.0
Dodecanoic acid	10.127	294.8	ng	9203010	3	9.822	624333	20.0
1-Octanol, 5,7,...	10.857	92.4	ng	2460470	4	11.310	532794	20.0
Tricosyl triflu...	10.886	195.1	ng	5197660	4	11.310	532794	20.0
Pentafluoroprop...	10.910	126.6	ng	3373530	4	11.310	532794	20.0
n-Hexadecanoic ...	11.868	92.5	ng	2465450	4	11.310	532794	20.0
Octacosyl hepta...	12.186	81.2	ng	2163020	4	11.310	532794	20.0
unknown12.474	12.474	361.8	ng	9638090	4	11.310	532794	20.0
Methyl stearate	12.521	62.3	ng	1659260	4	11.310	532794	20.0
Oleic Acid	12.627	211.1	ng	5624220	4	11.310	532794	20.0
(E)-9-Octadecen...	12.692	337.3	ng	9293460	5	13.968	551123	20.0
Octadecanoic ac...	12.780	373.0	ng	10278400	5	13.968	551123	20.0
Benzoic acid, t...	13.233	86.2	ng	2375440	5	13.968	551123	20.0
12-Hydroxystear...	13.380	56.2	ng	1548720	5	13.968	551123	20.0
Benzoic acid, o...	13.586	69.6	ng	1918920	5	13.968	551123	20.0
Cyclododecane	14.662	78.6	ng	2165030	5	13.968	551123	20.0
Pentadecafluoro...	15.380	202.7	ng	9083120	6	15.445	896122	20.0