

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125427.D
 Acq On : 10 Sep 2021 16:52
 Operator : JU/CG
 Sample : M3689-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 258

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-BF081821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.246	17	27	32	rVB	3909675	5533198	46.66%	3.484%
2	4.016	316	328	341	rBV	3286430	4698861	39.62%	2.959%
3	5.481	575	577	579	rVV	567216	579321	4.89%	0.365%
4	5.528	582	585	598	rVB	1263994	2653548	22.38%	1.671%
5	5.740	618	621	624	rVB	674348	555299	4.68%	0.350%
6	5.887	634	646	649	rBV	5153061	11858939	100.00%	7.468%
7	6.522	750	754	760	rVV	2066671	2051286	17.30%	1.292%
8	6.887	812	816	819	rBV	1282637	1121281	9.46%	0.706%
9	6.945	822	826	834	rVV2	715133	854130	7.20%	0.538%
10	7.292	878	885	892	rVV6	222481	547061	4.61%	0.344%
11	7.451	907	912	914	rBV	2805317	3098823	26.13%	1.951%
12	7.598	928	937	939	rVB4	217650	507655	4.28%	0.320%
13	7.645	939	945	949	rBV4	233316	398226	3.36%	0.251%
14	7.904	986	989	992	rBV2	415056	447629	3.77%	0.282%
15	8.087	1013	1020	1026	rBV	4320472	6375506	53.76%	4.015%
16	8.145	1026	1030	1032	rVV	925000	1007178	8.49%	0.634%
17	8.169	1032	1034	1036	rVV	1578207	1279521	10.79%	0.806%
18	8.222	1040	1043	1045	rVB2	395584	396158	3.34%	0.249%
19	8.451	1078	1082	1087	rBV5	485018	590742	4.98%	0.372%
20	8.510	1088	1092	1095	rBV4	257430	420166	3.54%	0.265%
21	8.551	1095	1099	1101	rVV3	460125	724989	6.11%	0.457%
22	8.581	1101	1104	1106	rVV	730839	706767	5.96%	0.445%
23	8.628	1109	1112	1114	rVV2	318155	476629	4.02%	0.300%
24	8.651	1114	1116	1117	rVV2	452848	418502	3.53%	0.264%
25	8.669	1117	1119	1124	rVB3	728124	749794	6.32%	0.472%
26	8.751	1130	1133	1138	rVB	1695664	1619971	13.66%	1.020%
27	8.886	1153	1156	1159	rBV3	339628	464061	3.91%	0.292%
28	8.986	1170	1173	1176	rVB2	423731	422836	3.57%	0.266%
29	9.034	1178	1181	1186	rBV6	476694	661536	5.58%	0.417%
30	9.116	1192	1195	1199	rBV3	552967	706070	5.95%	0.445%
31	9.157	1199	1202	1204	rVV	672030	551055	4.65%	0.347%
32	9.186	1204	1207	1209	rVV	817705	728775	6.15%	0.459%
33	9.245	1212	1217	1221	rVB	4782815	5158158	43.50%	3.248%
34	9.322	1226	1230	1233	rBV	3124272	2917818	24.60%	1.837%
35	9.392	1240	1242	1245	rVB	524003	478622	4.04%	0.301%
36	9.581	1268	1274	1275	rBV4	641339	974509	8.22%	0.614%

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37	9.639	1280	1284	1286	rVV4	1213932	1528591	12.89%	0.963%
38	9.663	1286	1288	1292	rVV2	578973	758761	6.40%	0.478%
39	9.698	1292	1294	1297	rVB2	758286	666873	5.62%	0.420%
40	9.792	1306	1310	1313	rBV5	342828	488159	4.12%	0.307%
41	9.851	1313	1320	1323	rBV	3727557	3773847	31.82%	2.376%
42	9.886	1324	1326	1328	rBV2	378996	388399	3.28%	0.245%
43	9.928	1330	1333	1336	rVB	1649725	1515346	12.78%	0.954%
44	10.028	1348	1350	1355	rVB2	358098	534928	4.51%	0.337%
45	10.086	1356	1360	1362	rBV2	617188	856929	7.23%	0.540%
46	10.110	1362	1364	1366	rVV	561715	449419	3.79%	0.283%
47	10.139	1366	1369	1371	rVB2	546793	447112	3.77%	0.282%
48	10.169	1371	1374	1379	rBV2	881631	1138727	9.60%	0.717%
49	10.210	1379	1381	1383	rVB	586902	447222	3.77%	0.282%
50	10.245	1383	1387	1393	rBV7	433416	1045991	8.82%	0.659%
51	10.292	1393	1395	1400	rBV3	411797	408901	3.45%	0.257%
52	10.357	1400	1406	1408	rBV	3770453	3876754	32.69%	2.441%
53	10.575	1438	1443	1448	rVB	1647506	2316372	19.53%	1.459%
54	10.622	1448	1451	1454	rVB2	591995	555782	4.69%	0.350%
55	10.657	1454	1457	1460	rBV2	684380	915582	7.72%	0.577%
56	10.692	1460	1463	1465	rVV2	678753	513272	4.33%	0.323%
57	10.728	1465	1469	1472	rVV	2149994	2129133	17.95%	1.341%
58	10.798	1477	1481	1483	rVV	1365120	1700748	14.34%	1.071%
59	10.828	1483	1486	1495	rVB	4068336	6127758	51.67%	3.859%
60	11.016	1515	1518	1520	rBV	678905	731069	6.16%	0.460%
61	11.051	1522	1524	1527	rVB2	750822	660050	5.57%	0.416%
62	11.080	1527	1529	1532	rBV	533770	530147	4.47%	0.334%
63	11.110	1532	1534	1537	rVB	603502	429465	3.62%	0.270%
64	11.151	1537	1541	1546	rBV2	1036044	1444942	12.18%	0.910%
65	11.275	1559	1562	1565	rBV	3743548	3743470	31.57%	2.357%
66	11.304	1565	1567	1573	rVB	1985457	2024076	17.07%	1.275%
67	11.422	1583	1587	1589	rBV	1707411	1656797	13.97%	1.043%
68	11.451	1589	1592	1597	rVV2	524272	946768	7.98%	0.596%
69	11.522	1601	1604	1606	rBV	406782	415156	3.50%	0.261%
70	11.545	1606	1608	1610	rVV	500137	379674	3.20%	0.239%
71	11.580	1610	1614	1618	rVB3	758980	978426	8.25%	0.616%
72	11.651	1624	1626	1631	rVB	606491	558276	4.71%	0.352%
73	11.704	1631	1635	1638	rBV	3900043	3346579	28.22%	2.107%
74	11.804	1649	1652	1655	rVB	2781710	2217595	18.70%	1.396%
75	11.863	1660	1662	1667	rVV	431718	622592	5.25%	0.392%
76	11.957	1674	1678	1683	rVB2	2129064	2302784	19.42%	1.450%

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77	12.110	1701	1704	1707	rBV	3738171	3108779	26.21%	1.958%
78	12.257	1727	1729	1732	rBV2	314910	379485	3.20%	0.239%
79	12.398	1749	1753	1760	rVB3	1286749	2121483	17.89%	1.336%
80	12.498	1765	1770	1771	rBV	3970930	5163679	43.54%	3.252%
81	12.516	1771	1773	1781	rVB2	5629412	6579405	55.48%	4.143%
82	12.598	1784	1787	1791	rVB	1835545	1715192	14.46%	1.080%
83	12.639	1791	1794	1795	rBV2	516601	518031	4.37%	0.326%
84	12.686	1799	1802	1804	rVB	1377324	1079705	9.10%	0.680%
85	12.733	1807	1810	1814	rVB	1778500	1535223	12.95%	0.967%
86	12.810	1821	1823	1826	rVB	520899	414193	3.49%	0.261%
87	12.869	1830	1833	1836	rVB	2501423	2010532	16.95%	1.266%
88	13.010	1853	1857	1860	rVB	4749524	4666033	39.35%	2.938%
89	13.222	1890	1893	1896	rBV	1810501	1656083	13.96%	1.043%
90	13.563	1948	1951	1954	rBV	1138407	1058083	8.92%	0.666%
91	13.774	1984	1987	1991	rVB	1426501	1224154	10.32%	0.771%
92	13.892	2004	2007	2017	rVB3	924718	1498750	12.64%	0.944%
93	14.027	2027	2030	2033	rVV	960552	782816	6.60%	0.493%
94	14.063	2033	2036	2039	rVB	1065234	951238	8.02%	0.599%
95	14.210	2058	2061	2068	rVB2	429440	455371	3.84%	0.287%
96	14.680	2137	2141	2144	rBV	1027161	979723	8.26%	0.617%
97	14.827	2162	2166	2172	rBV	539978	554116	4.67%	0.349%
98	14.904	2175	2179	2182	rBV	601117	602258	5.08%	0.379%
99	15.168	2221	2224	2230	rBV2	217990	387869	3.27%	0.244%
100	15.551	2285	2289	2295	rVB	803873	1057178	8.91%	0.666%

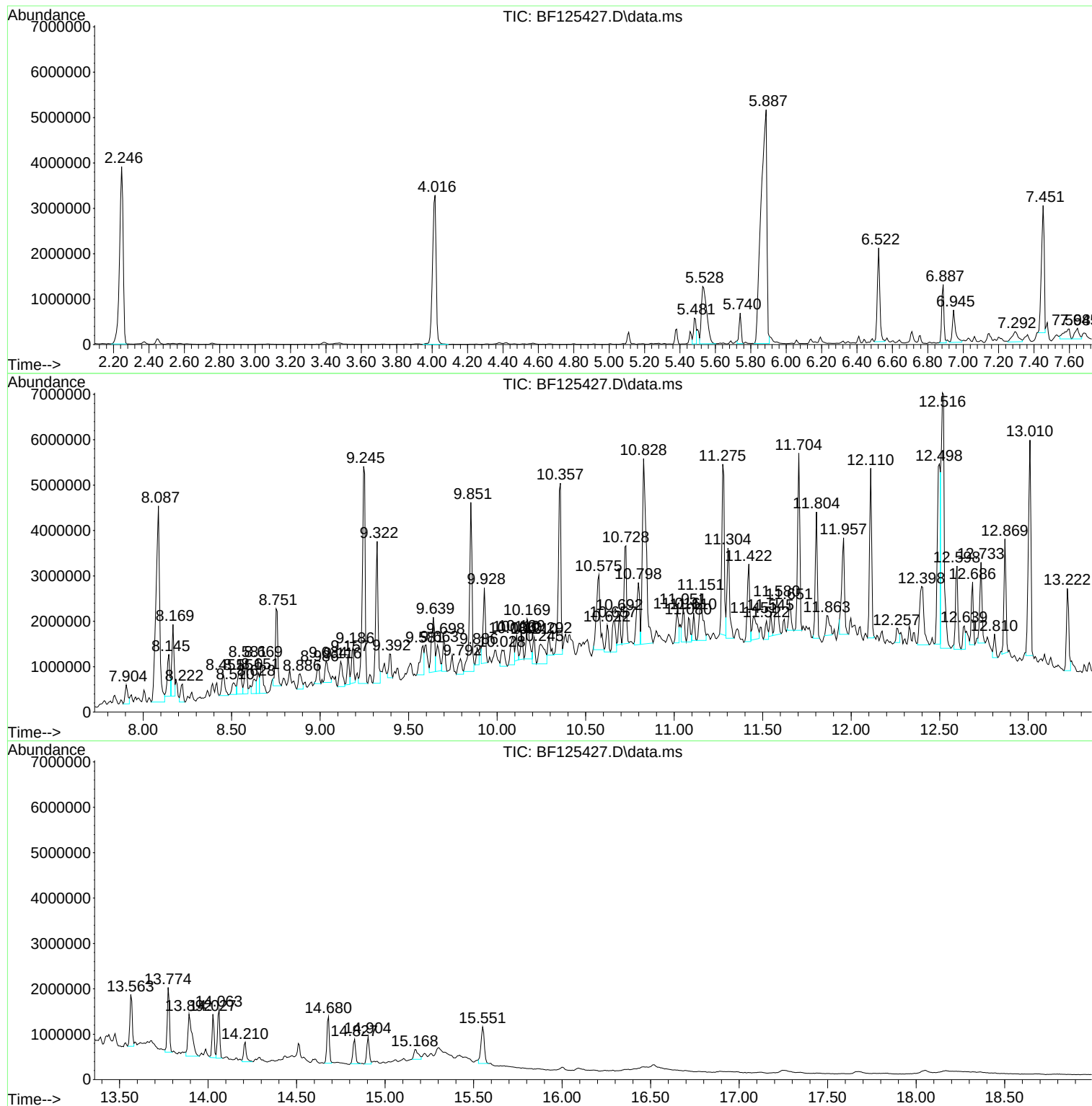
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Instrument :
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ClientSampled :
258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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258

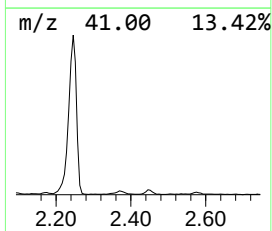
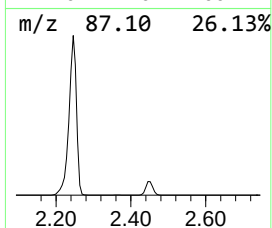
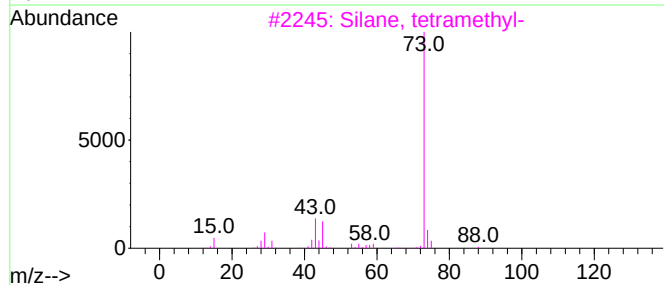
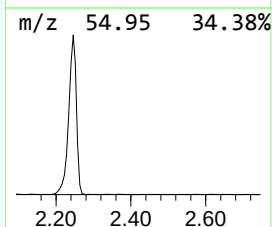
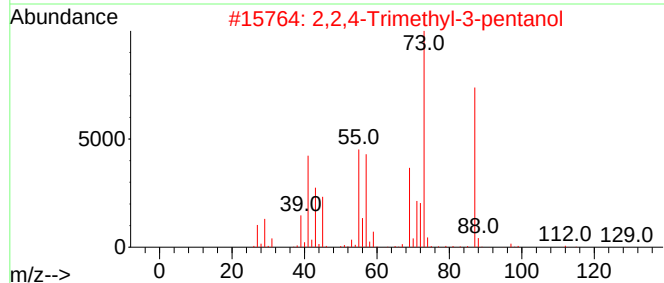
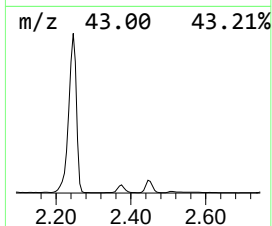
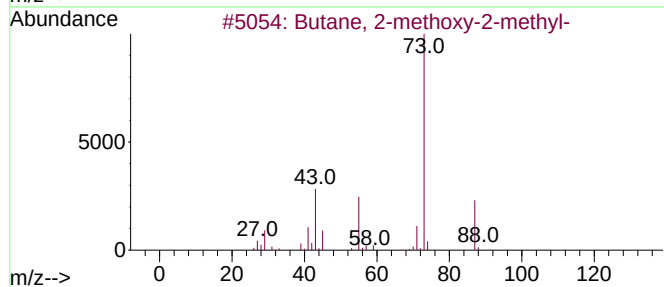
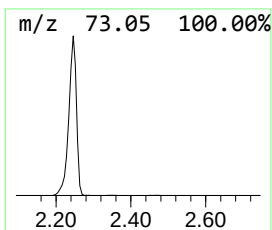
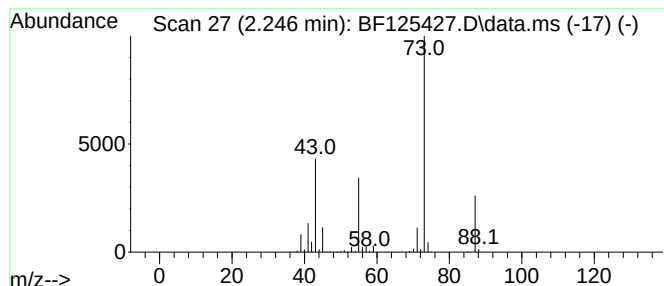
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.246	98.69 ng	5533200	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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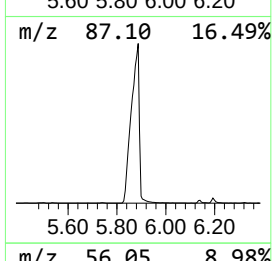
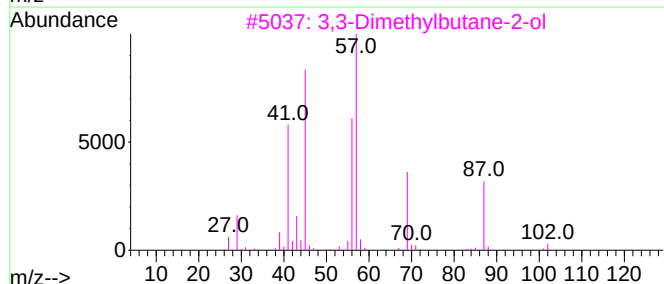
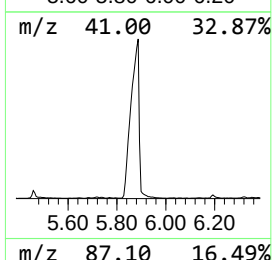
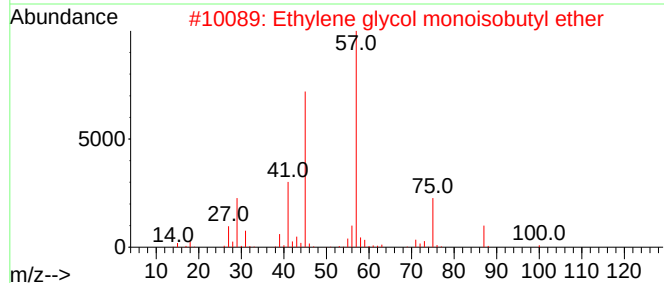
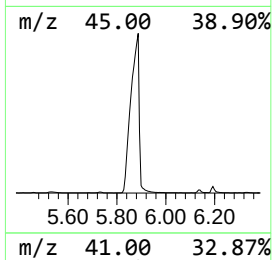
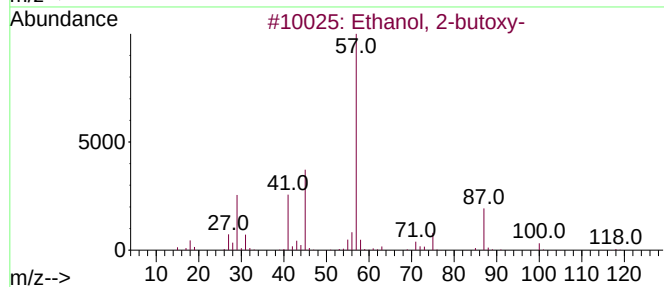
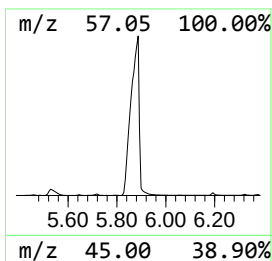
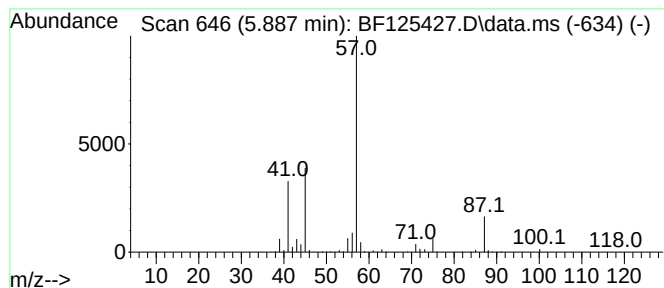
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.887	211.53 ng	11858900	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4			1,3-Propanediol, 2-methyl-, dipr...	202	C10H18O4	054932-83-1	17
5			Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17



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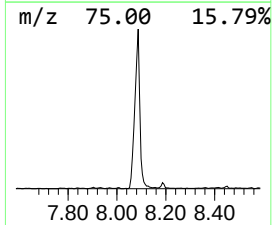
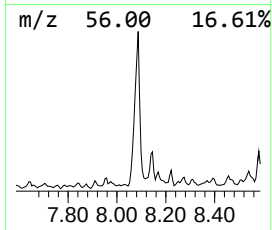
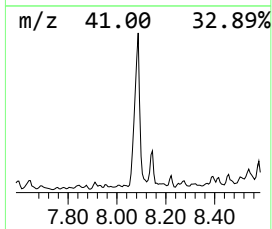
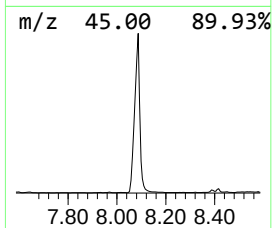
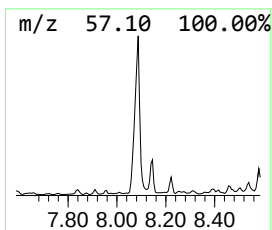
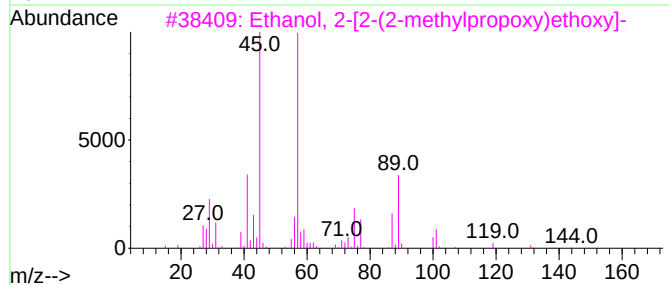
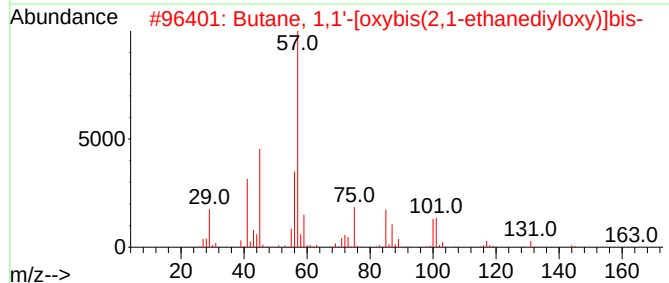
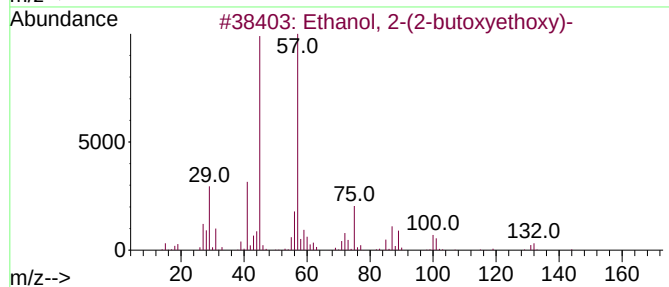
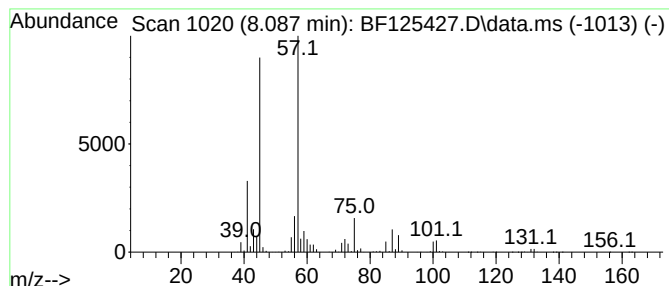
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.087	99.65 ng	6375510	Naphthalene-d8	8.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	72
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53



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Sample : M3689-05
Misc :
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Instrument :
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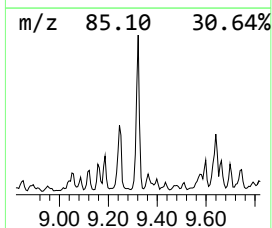
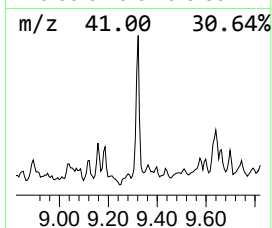
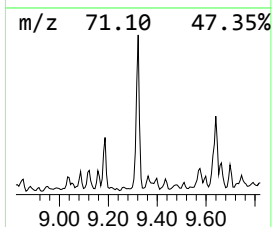
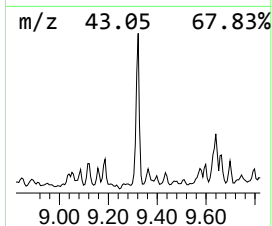
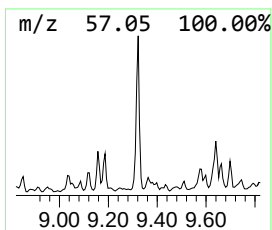
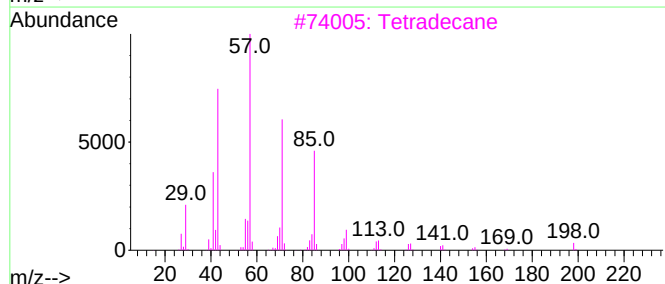
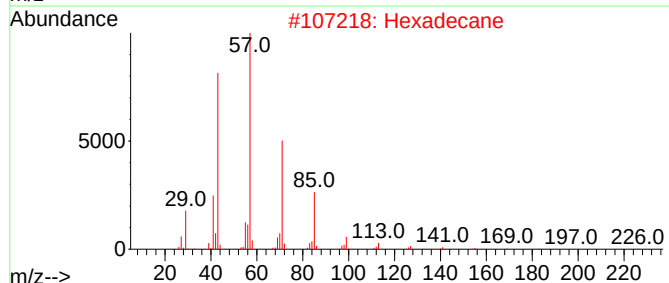
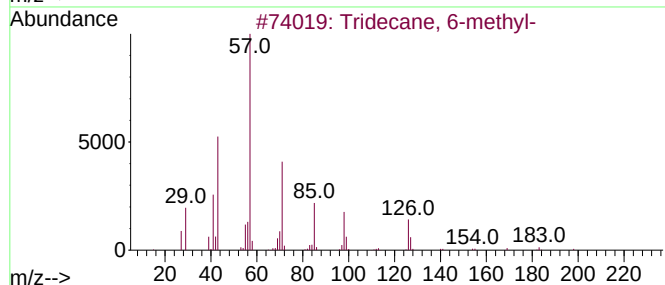
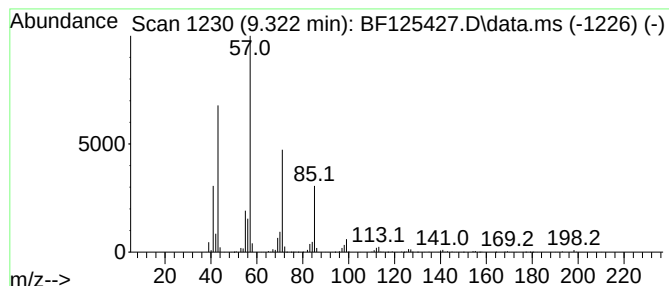
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	38.51 ng	2917820	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
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Instrument :
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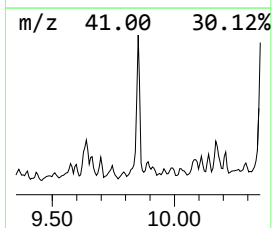
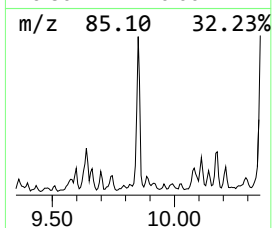
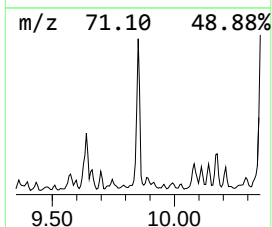
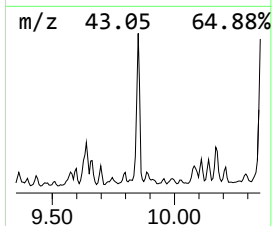
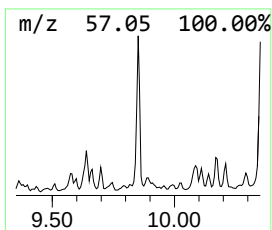
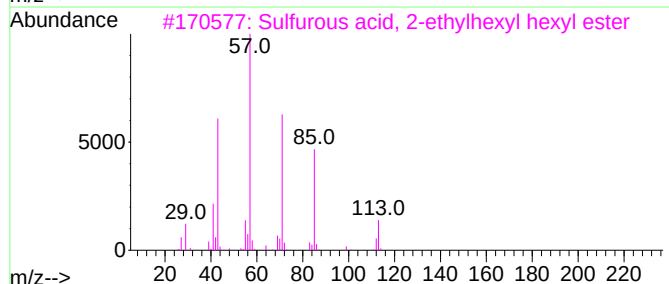
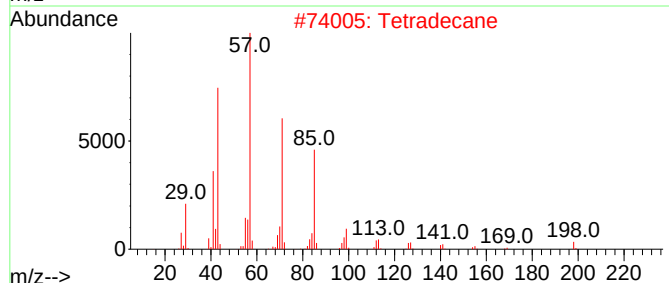
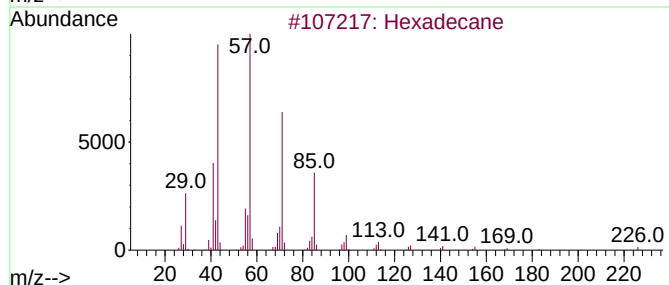
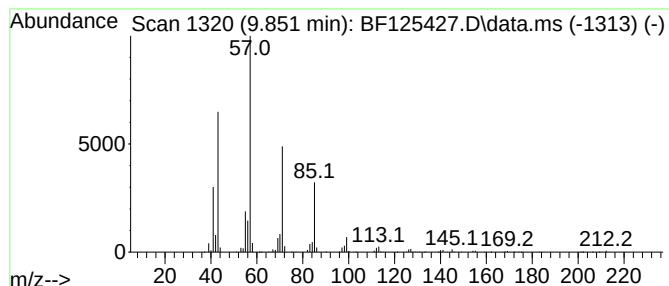
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	49.81 ng	3773850	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4			Pentadecane	212	C15H32	000629-62-9	72
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
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Sample : M3689-05
Misc :
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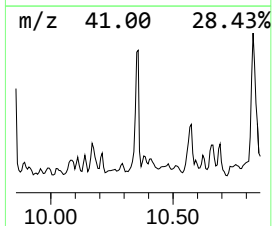
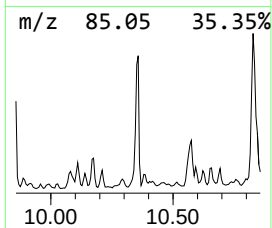
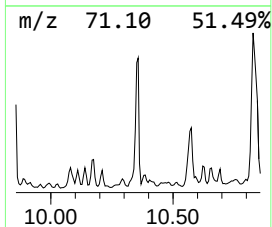
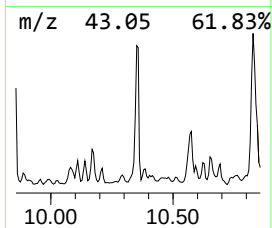
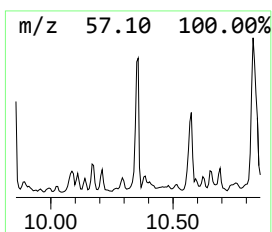
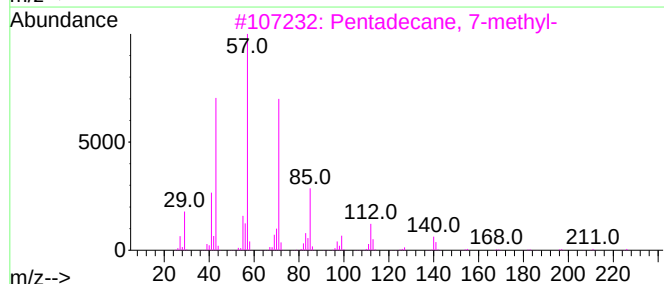
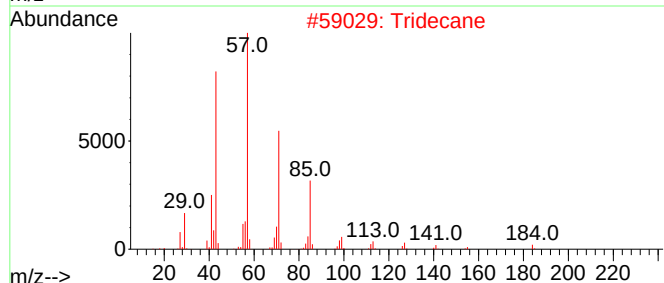
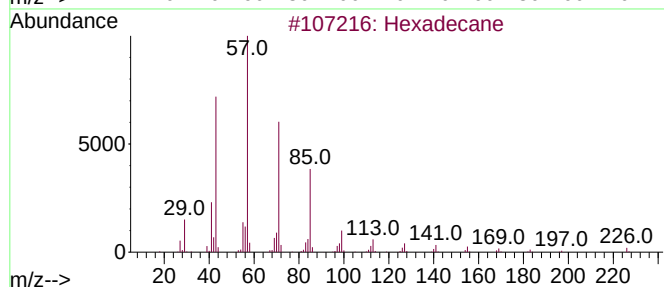
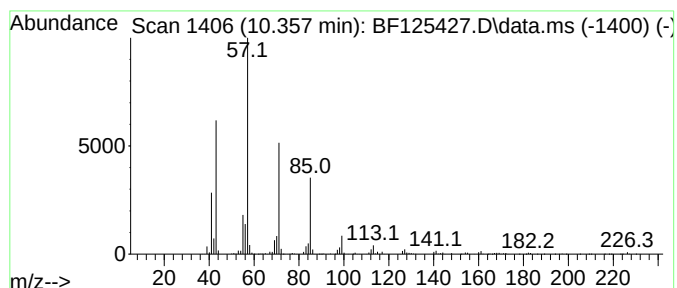
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.357	51.17 ng	3876750	Acenaphthene-d10		9.928
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
Acq On : 10 Sep 2021 16:52
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Instrument :
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ClientSampled :
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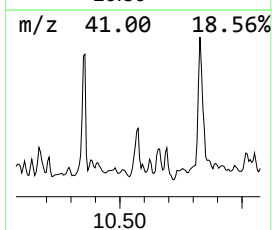
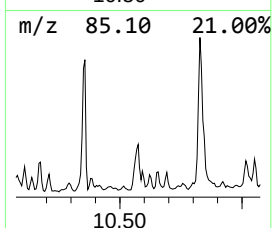
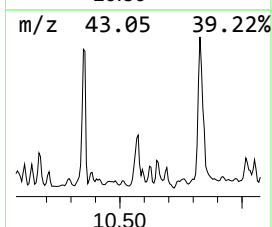
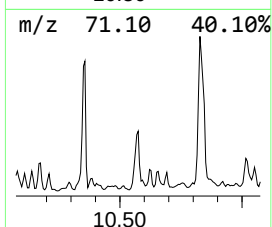
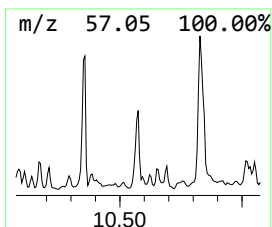
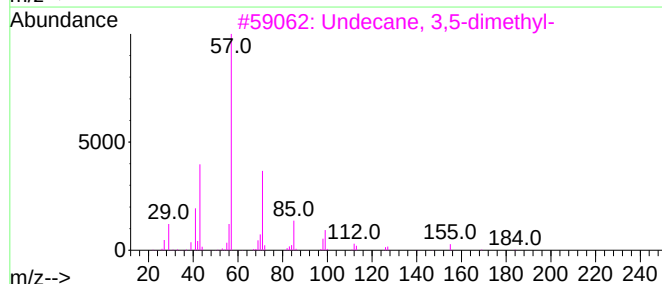
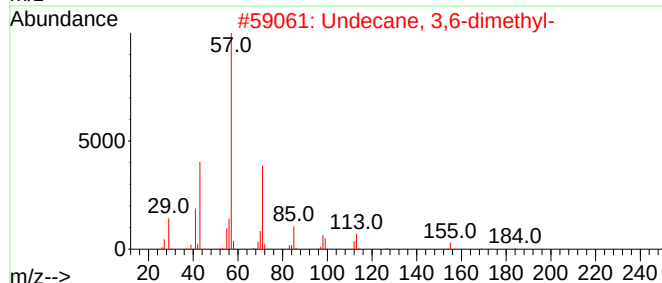
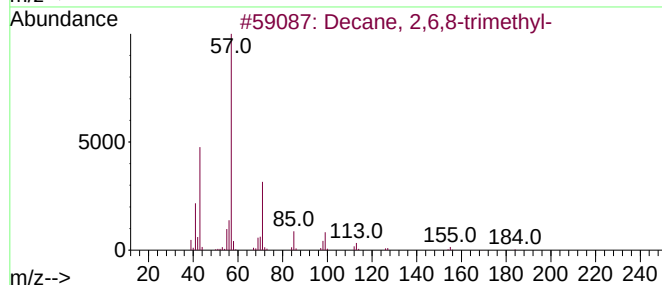
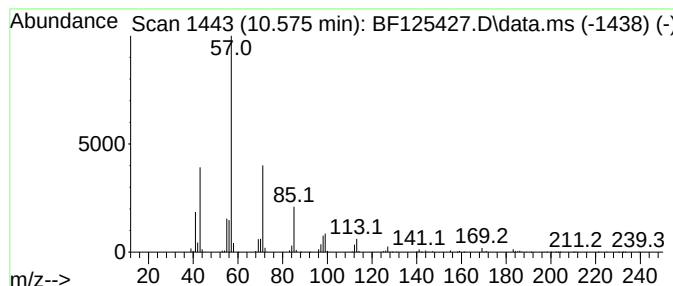
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 2,6,8-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	30.57 ng	2316370	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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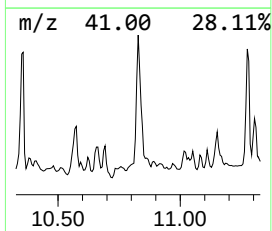
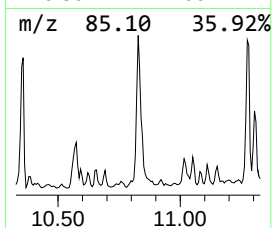
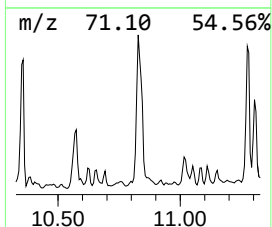
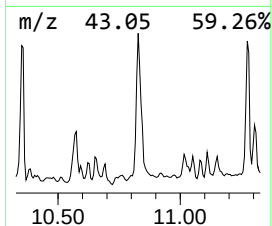
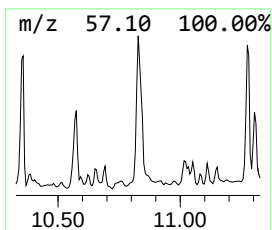
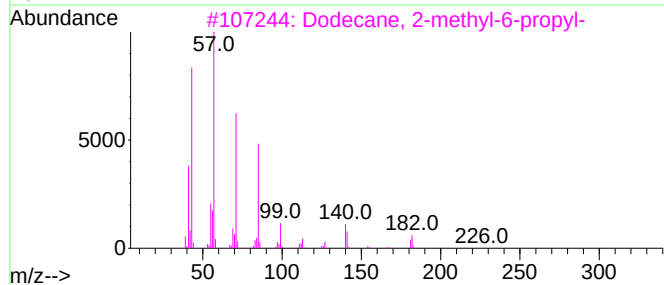
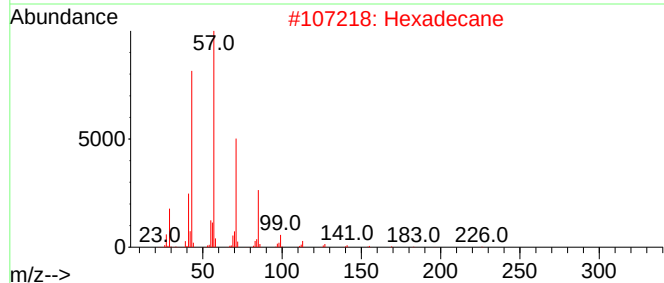
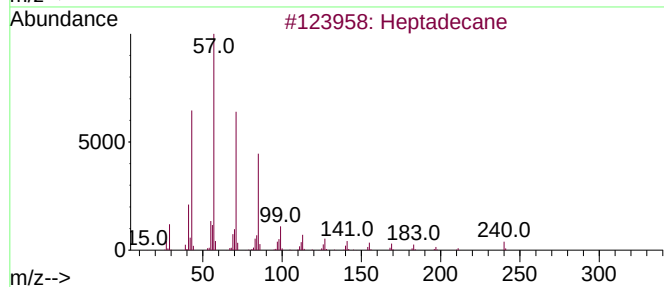
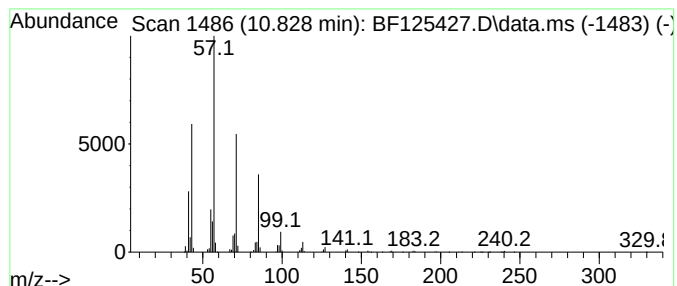
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.828	73.97 ng	6127760	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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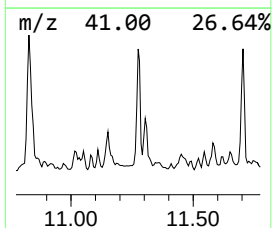
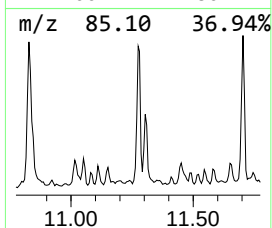
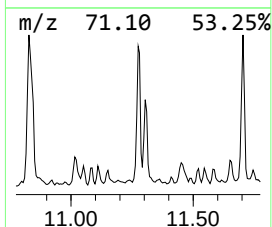
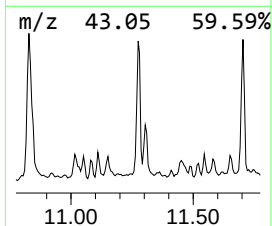
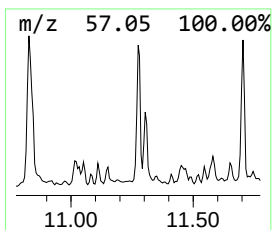
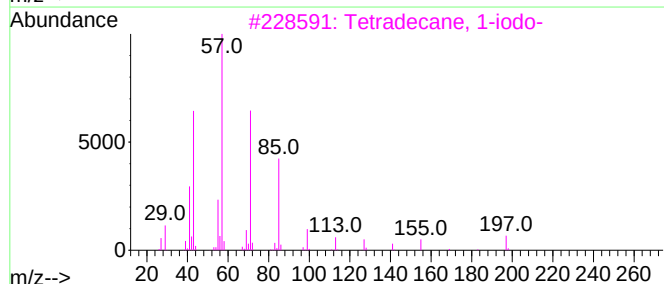
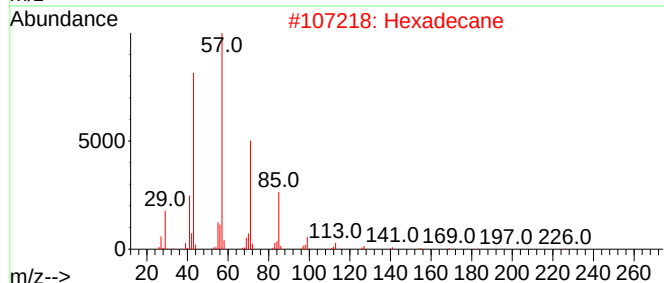
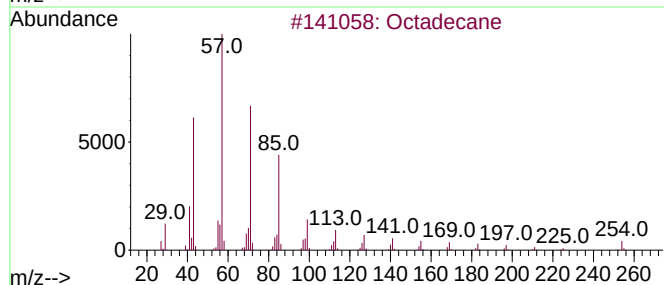
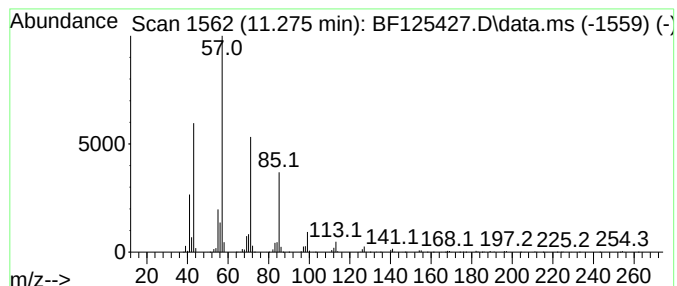
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.275	45.19 ng	3743470	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Tridecane	184	C13H28	000629-50-5	78
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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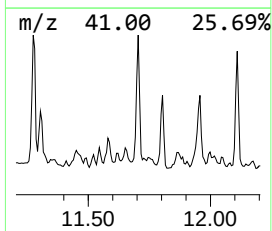
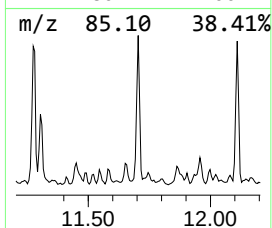
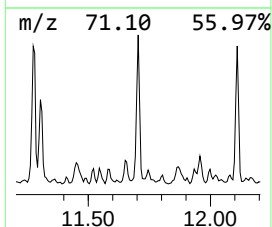
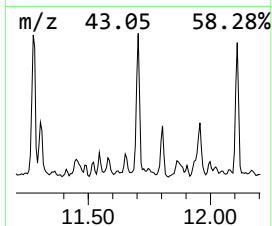
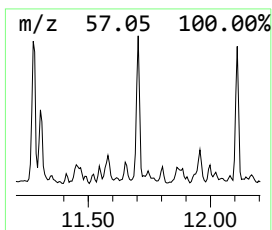
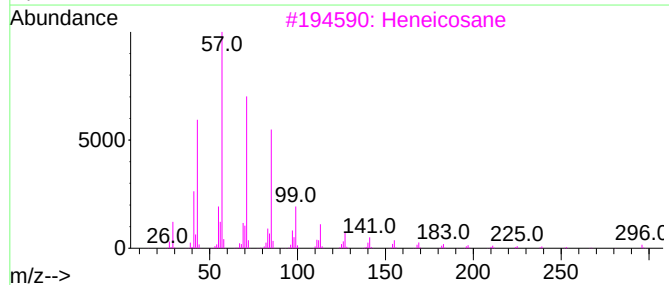
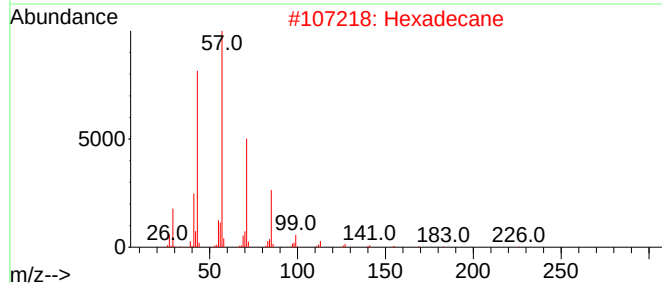
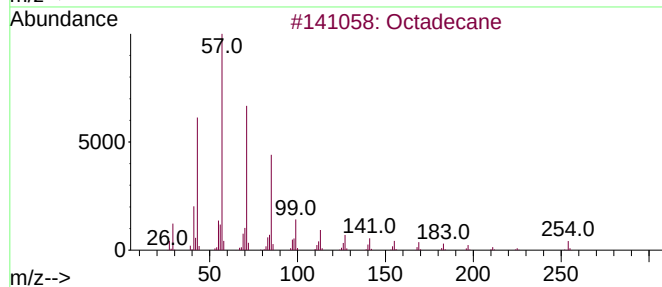
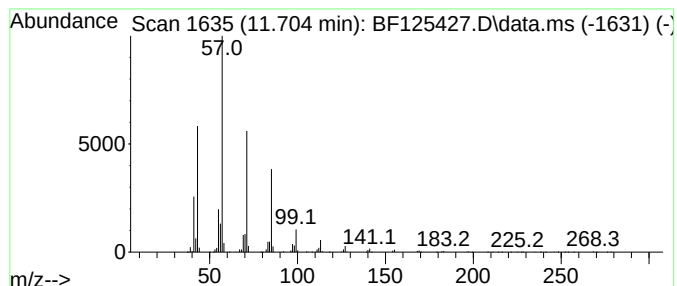
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	40.40 ng	3346580	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
Acq On : 10 Sep 2021 16:52
Operator : JU/CG
Sample : M3689-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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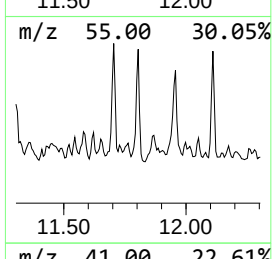
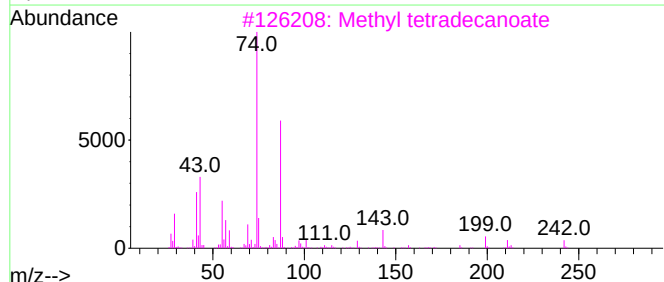
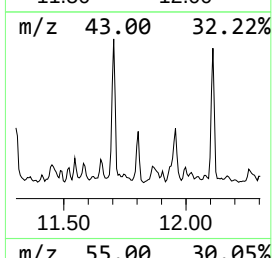
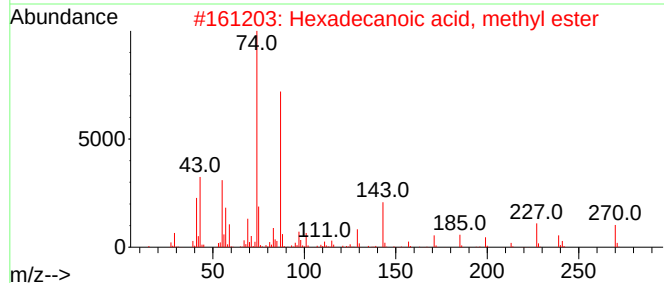
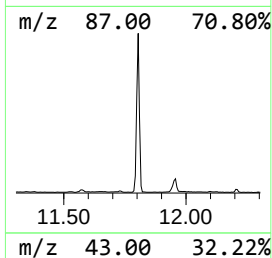
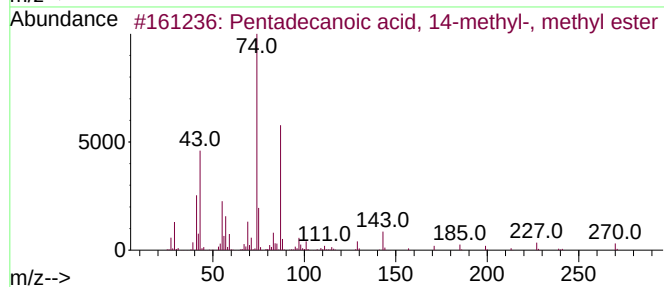
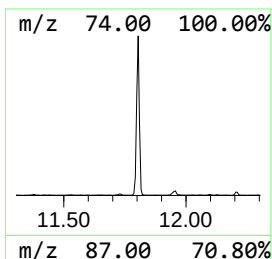
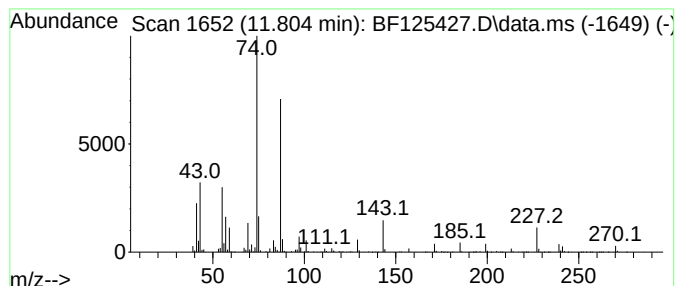
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid, 14-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	26.77 ng	2217600	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
Acq On : 10 Sep 2021 16:52
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Sample : M3689-05
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ALS Vial : 11 Sample Multiplier: 1

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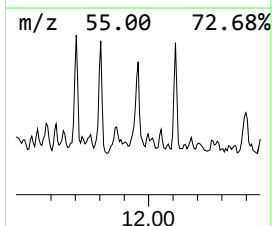
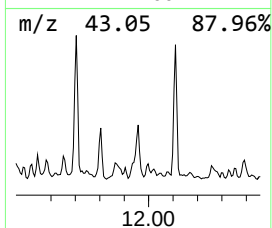
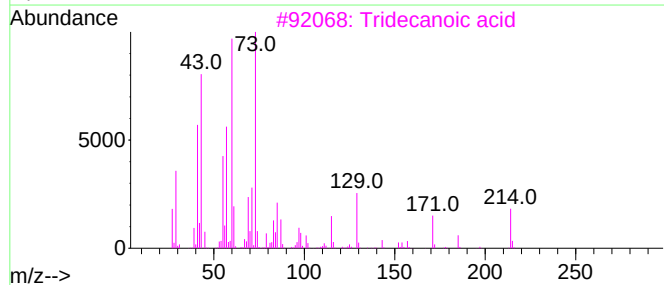
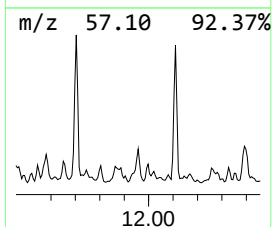
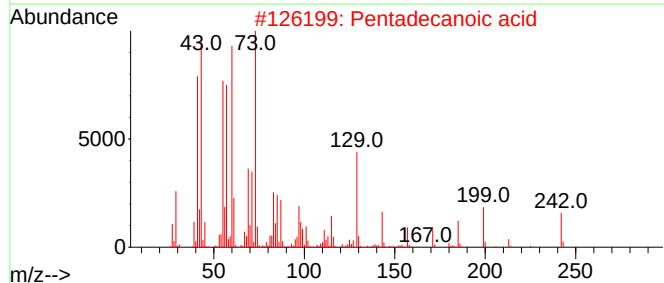
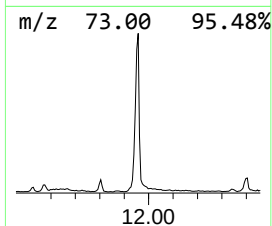
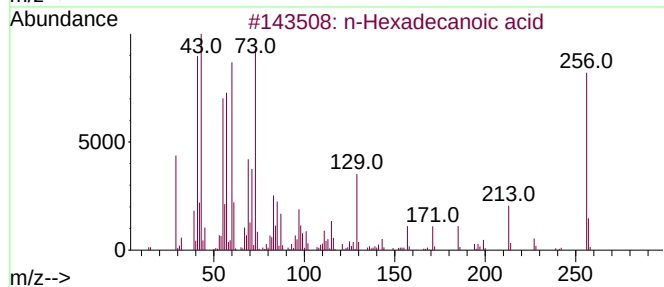
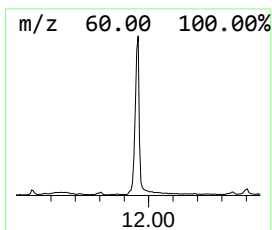
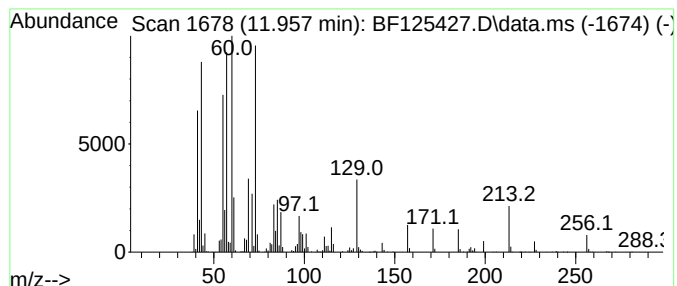
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	27.80 ng	2302780	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Undecanoic acid	186	C11H22O2	000112-37-8	59
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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Sample : M3689-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

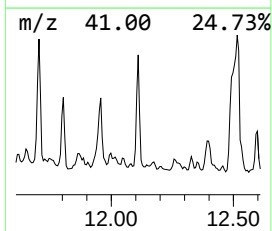
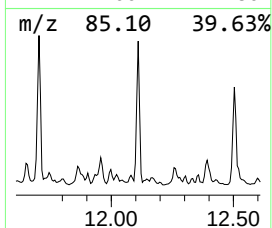
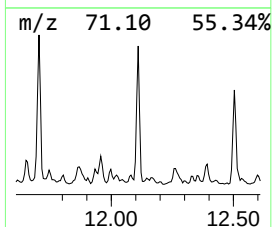
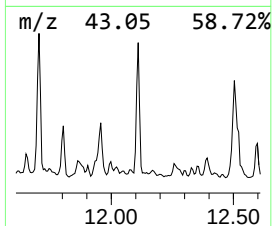
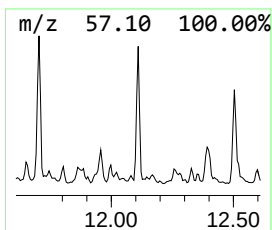
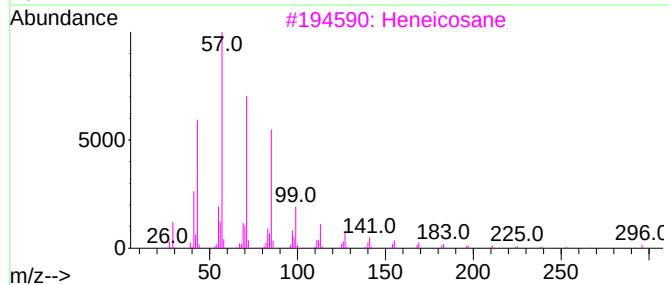
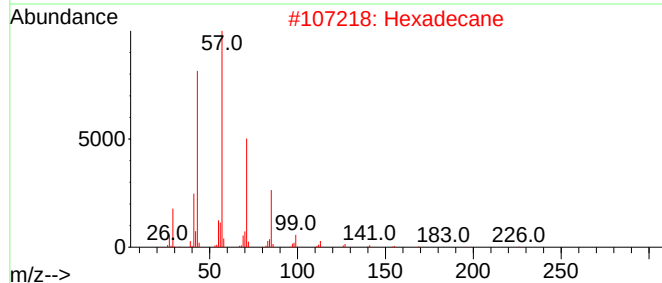
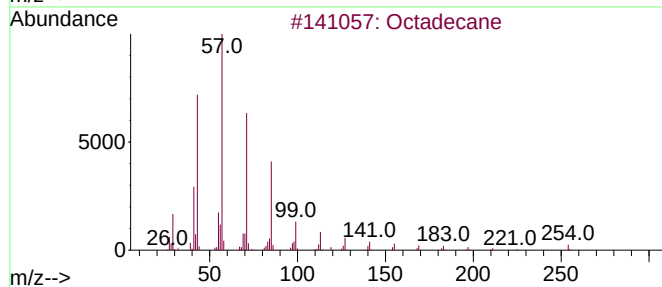
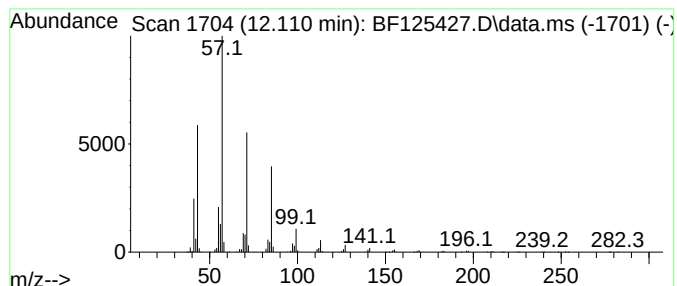
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.110	37.53 ng	3108780	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
5	Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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Acq On : 10 Sep 2021 16:52
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Sample : M3689-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

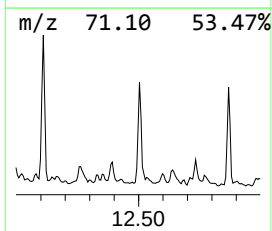
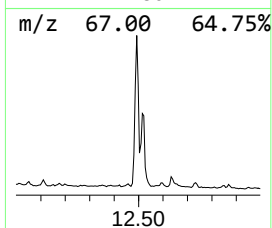
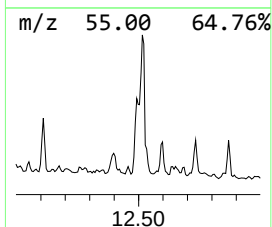
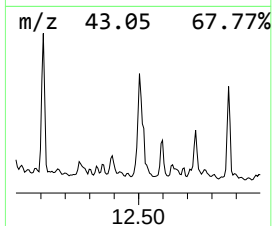
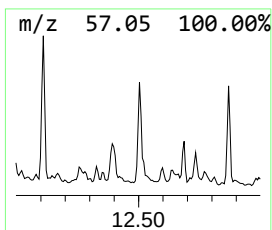
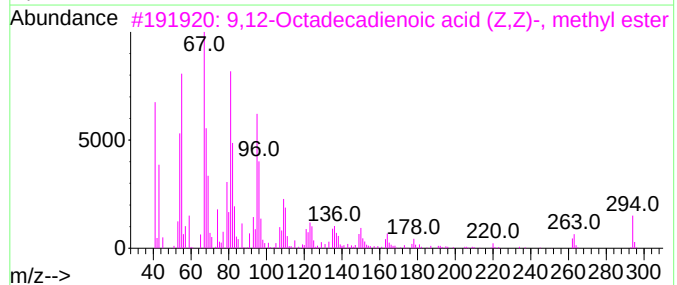
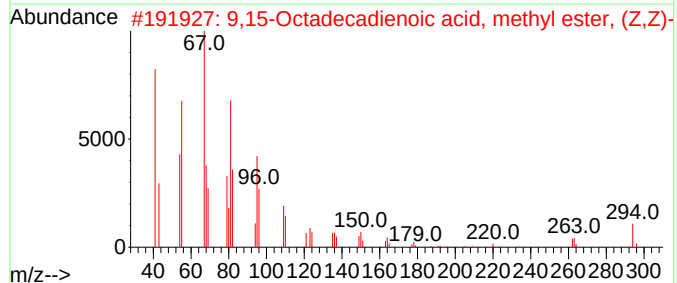
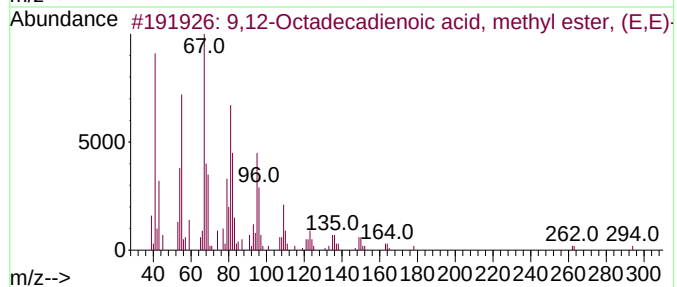
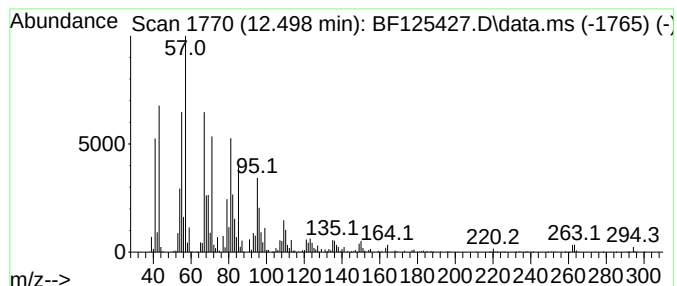
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.498	62.33 ng	5163680	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	95
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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Sample : M3689-05
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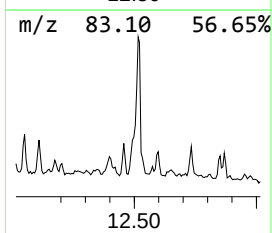
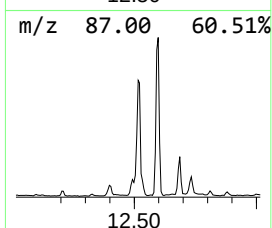
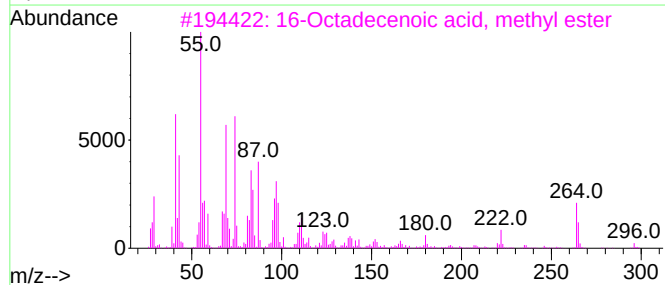
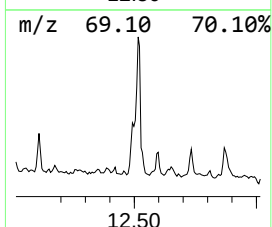
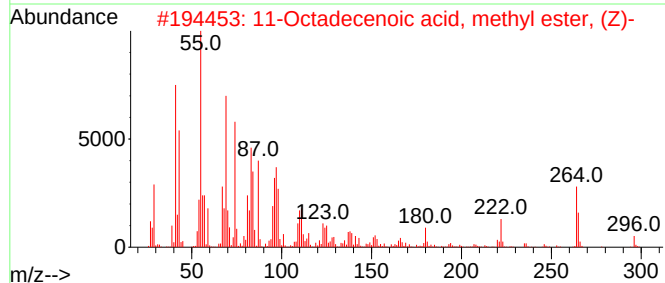
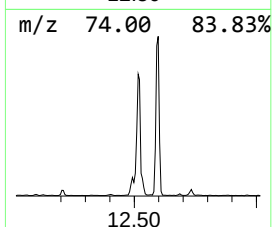
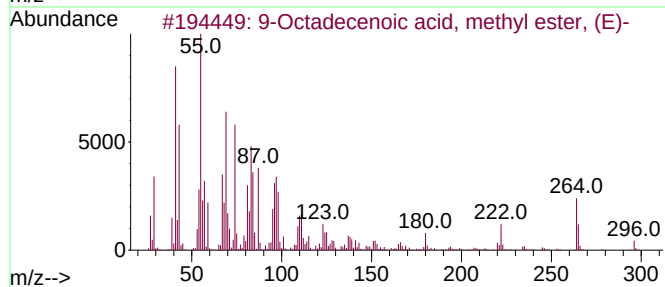
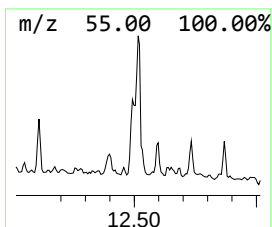
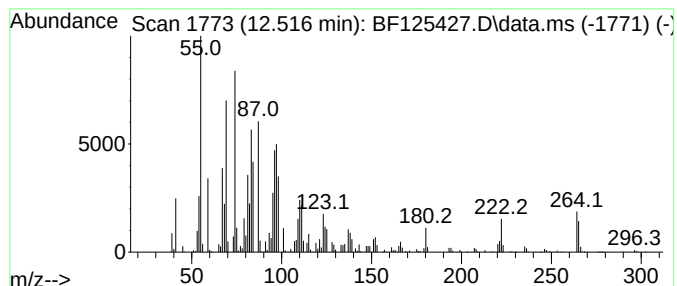
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.516	79.42 ng	6579410	Phenanthrene-d10	11.422	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	97
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	97
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
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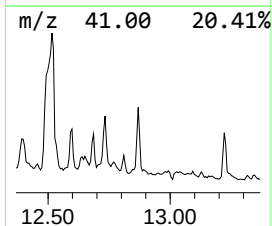
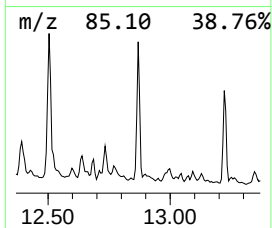
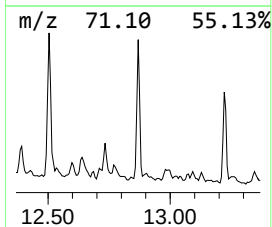
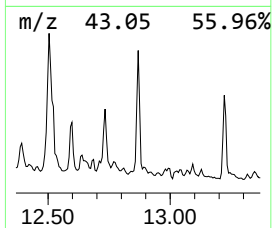
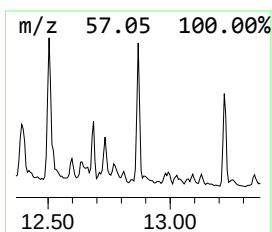
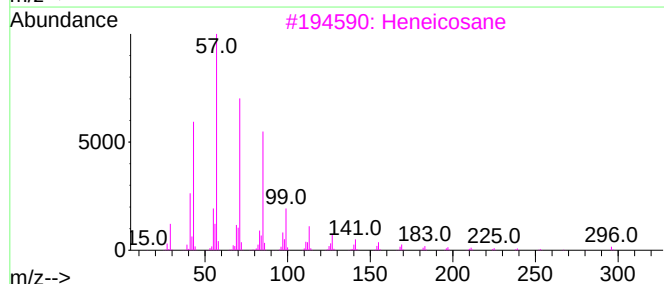
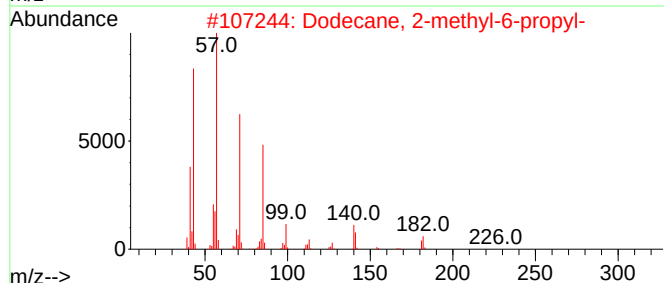
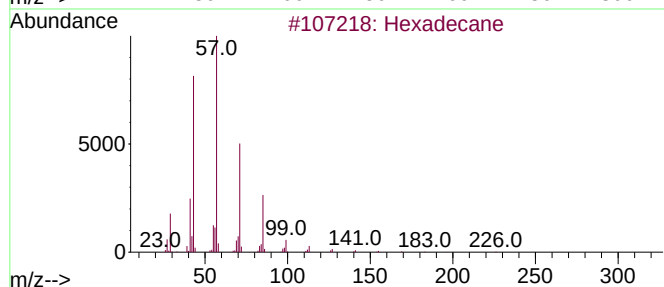
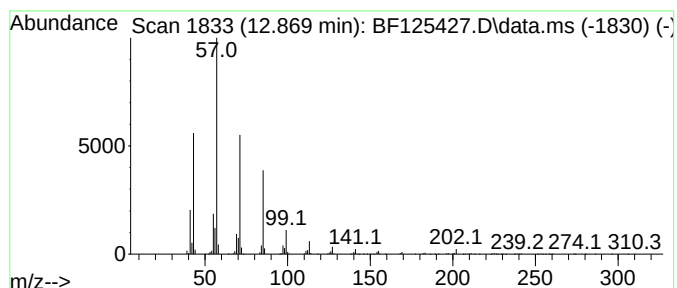
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.869	42.27 ng	2010530	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Tetracosane	338	C24H50	000646-31-1	86



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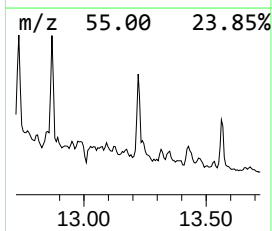
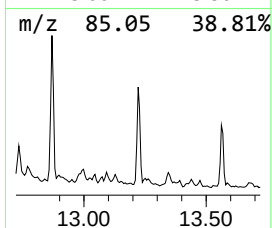
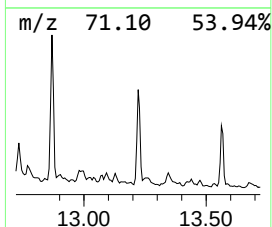
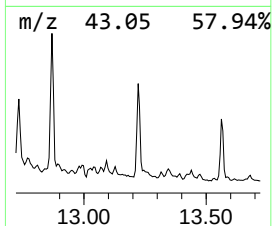
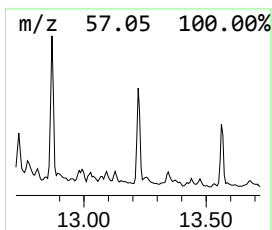
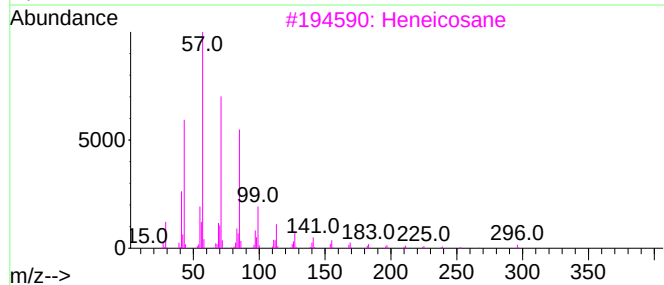
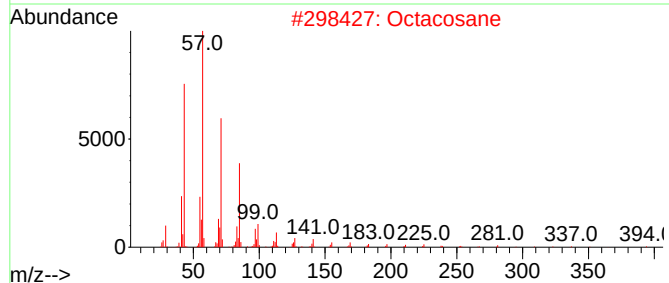
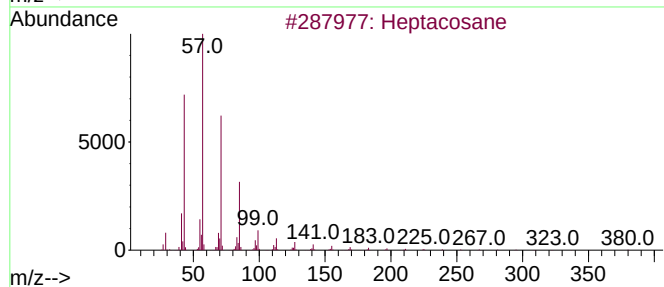
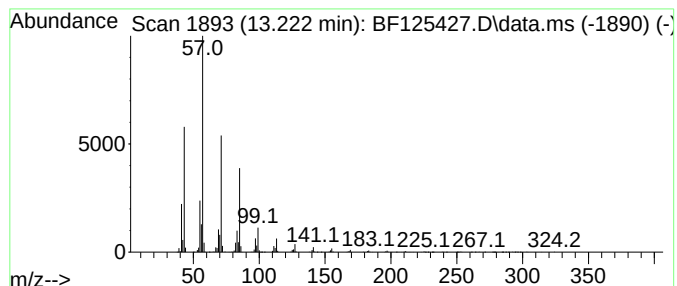
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.222	34.82 ng	1656080	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
Acq On : 10 Sep 2021 16:52
Operator : JU/CG
Sample : M3689-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

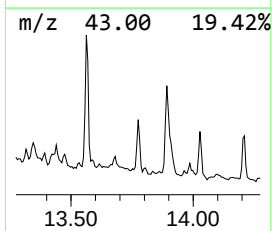
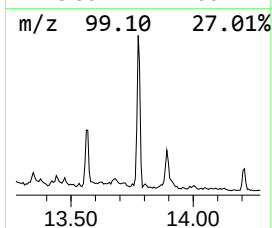
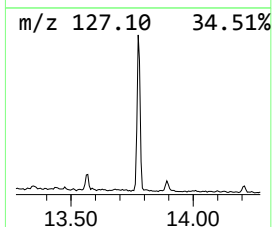
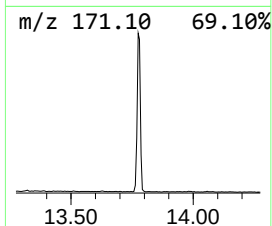
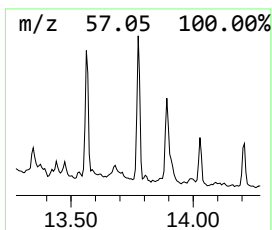
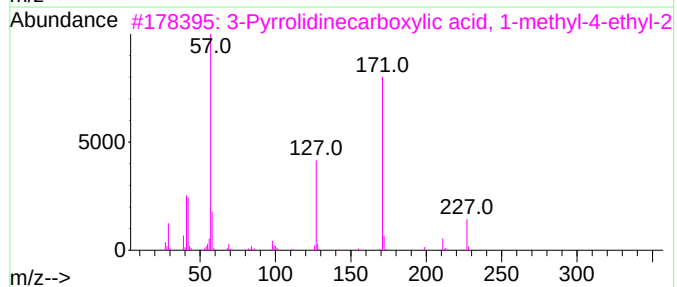
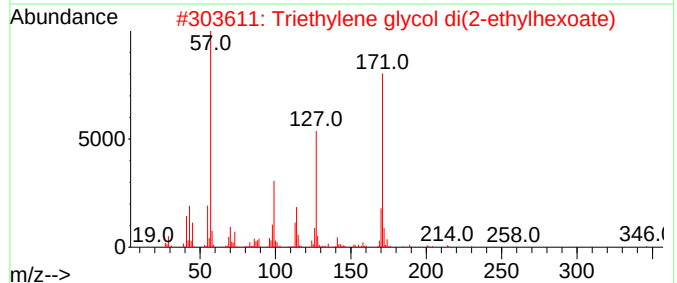
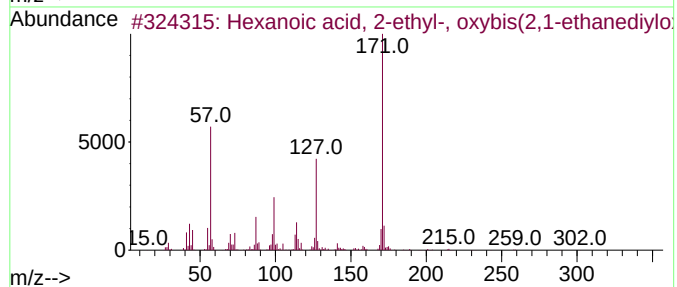
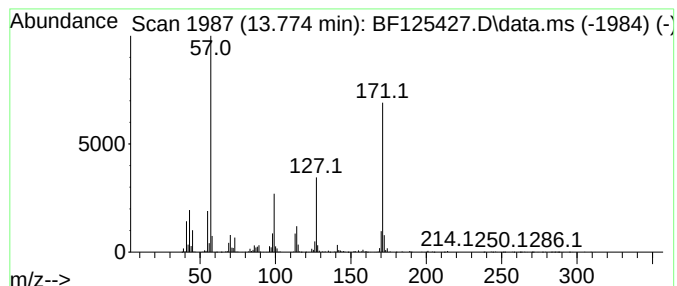
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexanoic acid, 2-ethyl-, ox... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.774	25.74 ng	1224150	Chrysene-d12	14.063		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanoic acid, 2-ethyl-, oxybis(...	446	C24H46O7	018268-70-7	81
2		Triethylene glycol di(2-ethylhex...	402	C22H42O6	000094-28-0	62
3		3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	50
4		Diethylmalonic acid, ethyl 2,4,4...	300	C17H32O4	1000369-47-3	38
5		2,6-Difluorophenyl isocyanate	171	C7H3F2NS	065295-69-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125427.D
Acq On : 10 Sep 2021 16:52
Operator : JU/CG
Sample : M3689-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
258

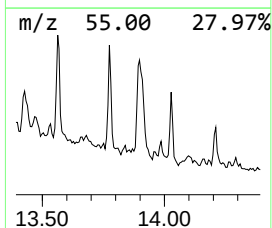
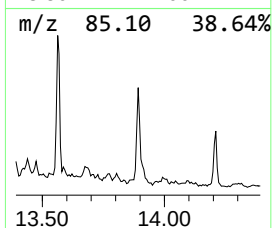
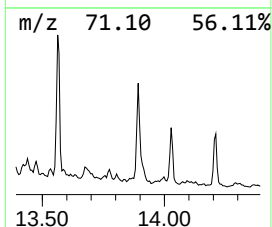
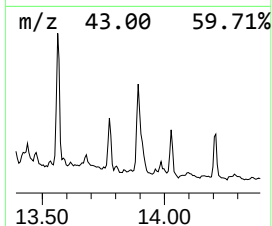
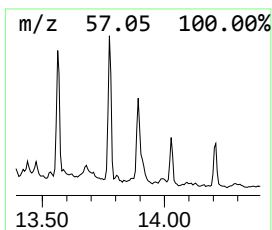
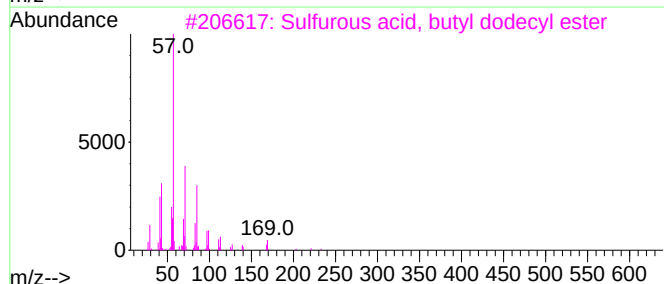
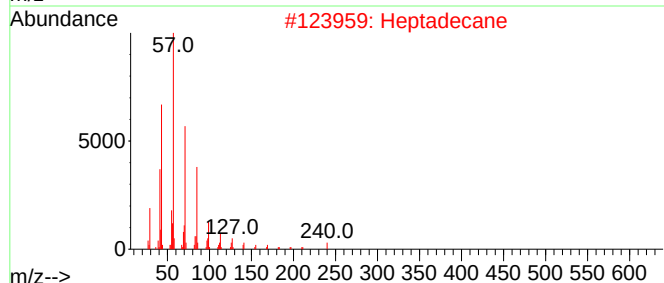
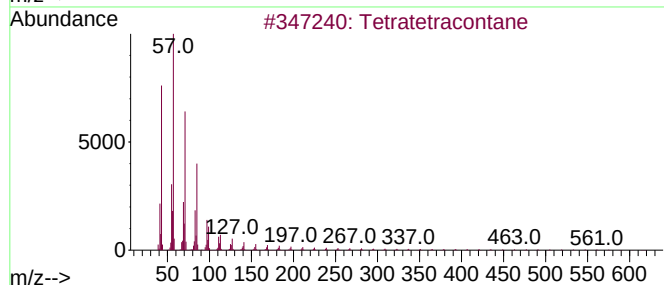
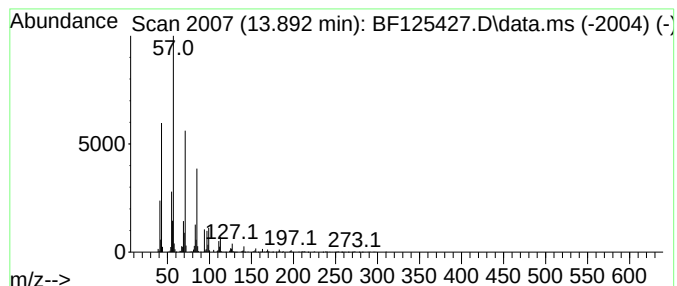
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	31.51 ng	1498750	Chrysene-d12	14.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
4		Docosane	310	C22H46	000629-97-0	87
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125427.D
 Acq On : 10 Sep 2021 16:52
 Operator : JU/CG
 Sample : M3689-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 258

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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
Butane, 2-metho...	2.246	98.7	ng	5533200	1	6.887	1121280	20.0
Ethanol, 2-butoxy-	5.887	211.5	ng	11858900	1	6.887	1121280	20.0
Ethanol, 2-(2-b...	8.087	99.7	ng	6375510	2	8.169	1279520	20.0
Tridecane, 6-me...	9.322	38.5	ng	2917820	3	9.928	1515350	20.0
Tetradecane	9.851	49.8	ng	3773850	3	9.928	1515350	20.0
Hexadecane	10.357	51.2	ng	3876750	3	9.928	1515350	20.0
Decane, 2,6,8-t...	10.575	30.6	ng	2316370	3	9.928	1515350	20.0
Heptadecane	10.828	74.0	ng	6127760	4	11.422	1656800	20.0
Tetradecane, 1-...	11.275	45.2	ng	3743470	4	11.422	1656800	20.0
Heneicosane	11.704	40.4	ng	3346580	4	11.422	1656800	20.0
Pentadecanoic a...	11.804	26.8	ng	2217600	4	11.422	1656800	20.0
n-Hexadecanoic ...	11.957	27.8	ng	2302780	4	11.422	1656800	20.0
Octadecane	12.110	37.5	ng	3108780	4	11.422	1656800	20.0
9,12-Octadecadi...	12.498	62.3	ng	5163680	4	11.422	1656800	20.0
9-Octadecenoic ...	12.516	79.4	ng	6579410	4	11.422	1656800	20.0
Dodecane, 2-met...	12.869	42.3	ng	2010530	5	14.063	951238	20.0
Heptacosane	13.222	34.8	ng	1656080	5	14.063	951238	20.0
Hexanoic acid, ...	13.774	25.7	ng	1224150	5	14.063	951238	20.0
Tetratetracontane	13.892	31.5	ng	1498750	5	14.063	951238	20.0