

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131892.D
 Acq On : 29 Dec 2022 22:33
 Operator : CG\JU
 Sample : N6225-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122822

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-BF122422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131892.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	492	498	505	rBV	364493	428094	5.32%	0.365%
2	5.428	564	568	576	rVB	1197687	1056924	13.13%	0.901%
3	6.457	739	743	746	rBV	1063870	1040085	12.92%	0.887%
4	6.645	771	775	778	rBV2	530394	541525	6.73%	0.462%
5	6.822	802	805	808	rVV2	456466	374529	4.65%	0.319%
6	7.093	844	851	854	rBV3	364051	455223	5.66%	0.388%
7	7.210	865	871	874	rBV3	297126	400241	4.97%	0.341%
8	7.357	891	896	898	rBV	391824	408597	5.08%	0.348%
9	7.392	898	902	904	rBV	716733	690171	8.58%	0.589%
10	7.416	904	906	909	rVB	1272166	1031188	12.81%	0.879%
11	7.469	909	915	918	rBV3	277034	379515	4.72%	0.324%
12	7.628	939	942	945	rVB2	428444	480886	5.98%	0.410%
13	7.781	966	968	972	rVV3	437548	576556	7.16%	0.492%
14	7.822	972	975	977	rVV2	417974	425442	5.29%	0.363%
15	7.845	977	979	983	rVV4	588958	918807	11.42%	0.783%
16	8.092	1010	1021	1024	rBV2	2422618	2874231	35.72%	2.451%
17	8.134	1026	1028	1031	rVV	1293509	1298409	16.13%	1.107%
18	8.169	1031	1034	1036	rVB2	774012	763432	9.49%	0.651%
19	8.310	1055	1058	1061	rVB	533810	452883	5.63%	0.386%
20	8.404	1069	1074	1080	rBV5	672966	945392	11.75%	0.806%
21	8.457	1080	1083	1086	rVB3	380416	429694	5.34%	0.366%
22	8.487	1086	1088	1092	rBV3	505521	587776	7.30%	0.501%
23	8.528	1092	1095	1098	rBV3	750071	747715	9.29%	0.638%
24	8.622	1107	1111	1113	rBV	934210	854452	10.62%	0.729%
25	8.704	1122	1125	1128	rBV	2482141	2266904	28.17%	1.933%
26	8.834	1144	1147	1150	rVB	946260	829130	10.30%	0.707%
27	8.934	1159	1164	1167	rVV2	1027165	1403152	17.44%	1.196%
28	8.987	1170	1173	1174	rVV3	455880	467145	5.80%	0.398%
29	9.069	1183	1187	1191	rVB3	577055	778023	9.67%	0.663%
30	9.110	1191	1194	1195	rBV	411153	321366	3.99%	0.274%
31	9.134	1195	1198	1200	rVV2	914347	740651	9.20%	0.632%
32	9.192	1205	1208	1212	rVB	1263537	956513	11.89%	0.816%
33	9.275	1217	1222	1224	rBV	2943727	2650654	32.94%	2.260%
34	9.345	1231	1234	1236	rVB	612121	513633	6.38%	0.438%
35	9.463	1250	1254	1258	rVB4	455935	611765	7.60%	0.522%
36	9.534	1263	1266	1268	rVV3	737952	963560	11.97%	0.822%

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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-BF122422.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.592	1272	1276	1278	rVV3	1109325	1347203	16.74%	1.149%
38	9.616	1278	1280	1283	rVV2	541316	601588	7.48%	0.513%
39	9.651	1283	1286	1289	rVV2	800248	671434	8.34%	0.573%
40	9.739	1298	1301	1304	rBV4	379749	430037	5.34%	0.367%
41	9.804	1309	1312	1315	rVV	2534410	2401311	29.84%	2.048%
42	9.857	1316	1321	1322	rVV4	370042	574403	7.14%	0.490%
43	9.875	1322	1324	1327	rVV	494228	447026	5.55%	0.381%
44	9.910	1327	1330	1333	rVV	983388	816582	10.15%	0.696%
45	9.939	1333	1335	1339	rVB4	326090	349291	4.34%	0.298%
46	10.034	1347	1351	1354	rBV3	386936	590179	7.33%	0.503%
47	10.081	1357	1359	1363	rVB3	971128	1046663	13.01%	0.893%
48	10.122	1363	1366	1370	rBV3	766823	927064	11.52%	0.791%
49	10.163	1370	1373	1375	rVB2	353618	348733	4.33%	0.297%
50	10.192	1375	1378	1381	rBV3	356933	511664	6.36%	0.436%
51	10.310	1394	1398	1400	rVB	2588352	2191980	27.24%	1.869%
52	10.363	1404	1407	1412	rVB4	234610	383051	4.76%	0.327%
53	10.428	1414	1418	1423	rBV	1437222	1524478	18.94%	1.300%
54	10.522	1430	1434	1440	rVB	826963	1242734	15.44%	1.060%
55	10.581	1441	1444	1447	rVB2	364239	363773	4.52%	0.310%
56	10.645	1452	1455	1457	rBV2	407961	355173	4.41%	0.303%
57	10.669	1457	1459	1462	rVB	844568	671467	8.34%	0.573%
58	10.781	1475	1478	1487	rVB	2407819	3094729	38.46%	2.639%
59	10.975	1507	1511	1514	rBV2	482550	615345	7.65%	0.525%
60	11.004	1514	1516	1519	rVB	437416	379838	4.72%	0.324%
61	11.233	1551	1555	1557	rVV	2109714	1860203	23.12%	1.586%
62	11.263	1557	1560	1566	rVB2	1147706	1367391	16.99%	1.166%
63	11.375	1575	1579	1580	rBV2	375610	438752	5.45%	0.374%
64	11.410	1580	1585	1588	rVV	5072017	5569015	69.20%	4.749%
65	11.457	1589	1593	1595	rBV	1435696	1259581	15.65%	1.074%
66	11.604	1615	1618	1624	rVB	714478	679958	8.45%	0.580%
67	11.657	1624	1627	1630	rBV	1658813	1549448	19.25%	1.321%
68	11.704	1633	1635	1640	rVB2	286025	343471	4.27%	0.293%
69	11.763	1641	1645	1648	rBV	2735812	2146305	26.67%	1.830%
70	11.875	1660	1664	1667	rBV	760908	835148	10.38%	0.712%
71	11.904	1667	1669	1674	rVB	1330003	1164114	14.47%	0.993%
72	11.951	1674	1677	1680	rBV	424562	429576	5.34%	0.366%
73	11.992	1680	1684	1686	rBV	1231989	1251681	15.55%	1.067%
74	12.069	1693	1697	1701	rBV	1603819	1348819	16.76%	1.150%
75	12.169	1711	1714	1717	rVB	472096	423063	5.26%	0.361%
76	12.427	1754	1758	1760	rBV2	405564	525964	6.54%	0.448%

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Peak Location: TOP

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Peak separation: 5

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77	12.463	1760	1764	1766	rVV2	6494947	8047427	100.00%	6.862%
78	12.486	1766	1768	1773	rVB	5966617	4815077	59.83%	4.106%
79	12.557	1778	1780	1783	rVB	1029169	883590	10.98%	0.753%
80	12.610	1783	1789	1791	rBV	5184550	6236066	77.49%	5.318%
81	12.633	1791	1793	1801	rVV3	1549024	1931767	24.00%	1.647%
82	12.839	1819	1828	1831	rBV2	3995059	5720201	71.08%	4.878%
83	12.963	1843	1849	1852	rBV2	861538	1075674	13.37%	0.917%
84	13.051	1858	1864	1866	rBV2	355412	611064	7.59%	0.521%
85	13.157	1879	1882	1885	rVB	940808	880870	10.95%	0.751%
86	13.186	1885	1887	1890	rBV	622168	576398	7.16%	0.492%
87	13.222	1890	1893	1896	rVB	805764	753593	9.36%	0.643%
88	13.263	1896	1900	1902	rBV2	445838	477144	5.93%	0.407%
89	13.533	1943	1946	1948	rBV	510371	455994	5.67%	0.389%
90	13.827	1994	1996	2000	rVV2	241061	357405	4.44%	0.305%
91	13.863	2000	2002	2007	rVB3	434881	497742	6.19%	0.424%
92	14.021	2024	2029	2033	rBV2	1654736	2414654	30.01%	2.059%
93	14.063	2033	2036	2041	rVB	1526991	1431905	17.79%	1.221%
94	14.133	2045	2048	2051	rVB2	343786	358317	4.45%	0.306%
95	14.416	2093	2096	2099	rVB	331267	318308	3.96%	0.271%
96	14.480	2104	2107	2111	rBV3	544730	732027	9.10%	0.624%
97	14.927	2178	2183	2194	rBV	1237875	1955820	24.30%	1.668%
98	15.086	2205	2210	2213	rBV	807530	1325286	16.47%	1.130%
99	15.392	2259	2262	2269	rVB	472993	642365	7.98%	0.548%
100	15.463	2269	2274	2279	rVB	837770	1031240	12.81%	0.879%

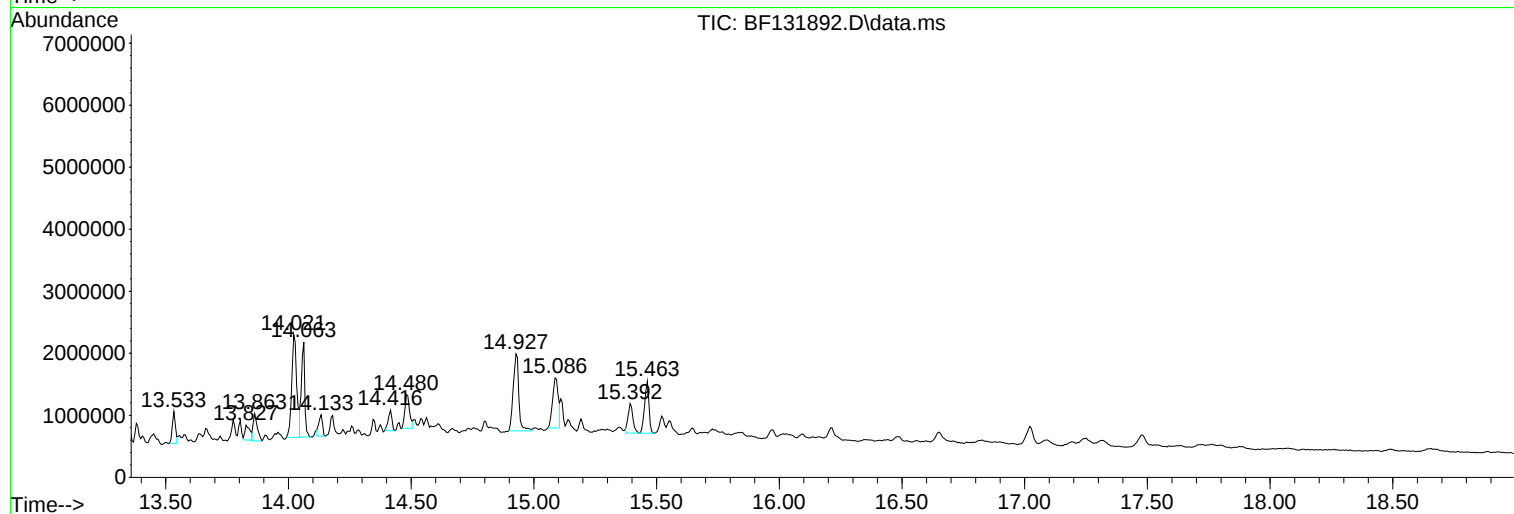
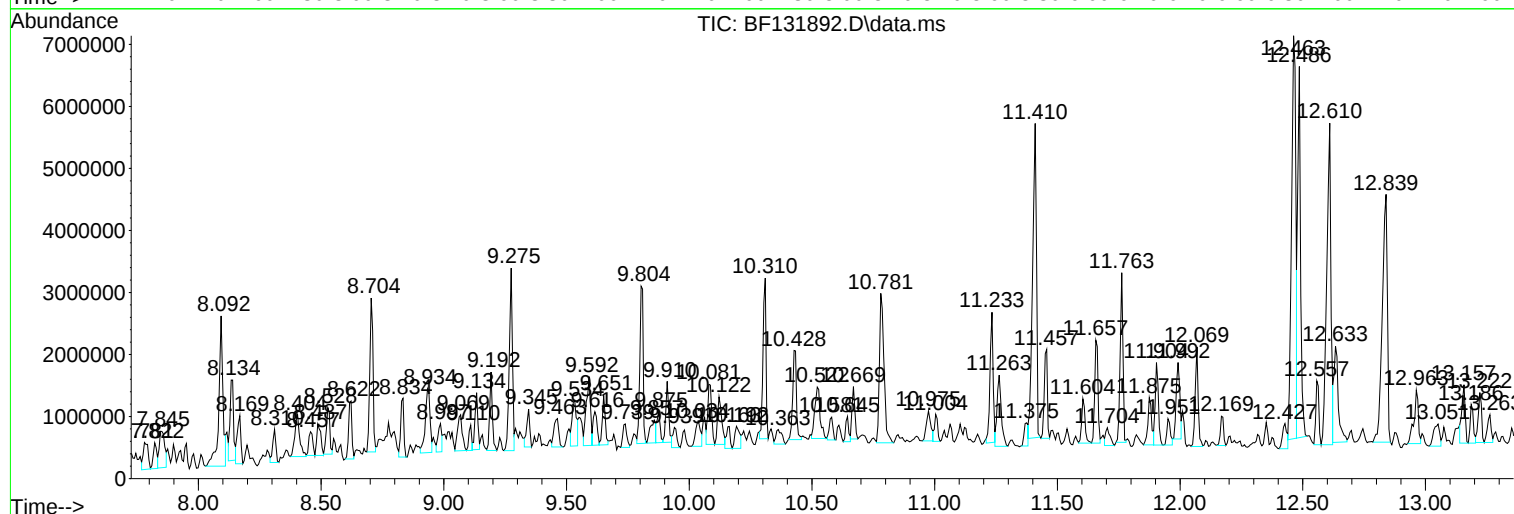
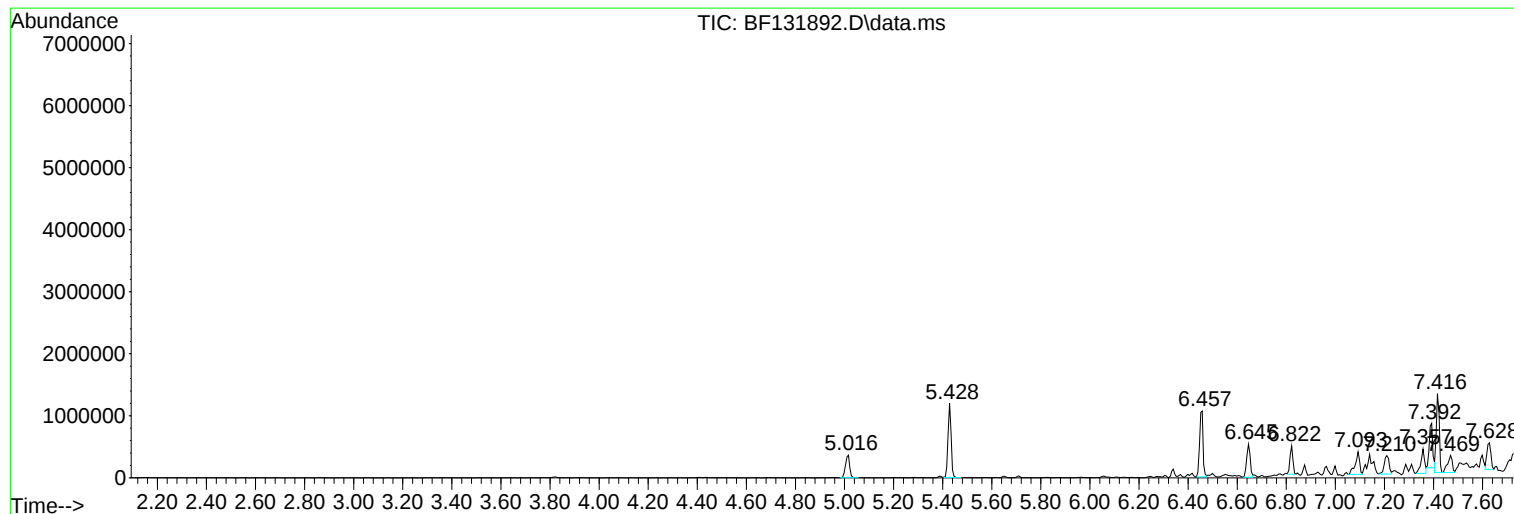
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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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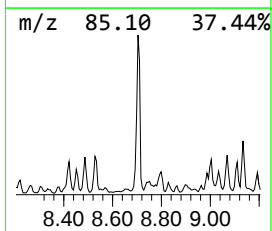
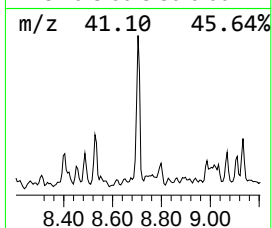
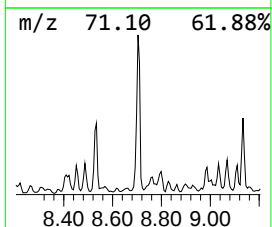
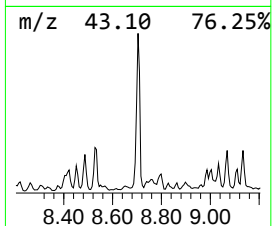
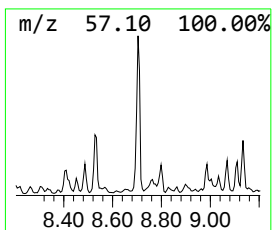
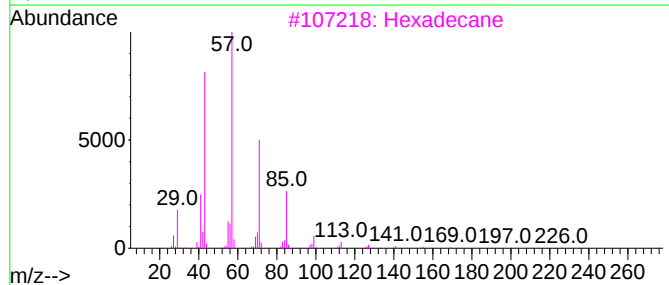
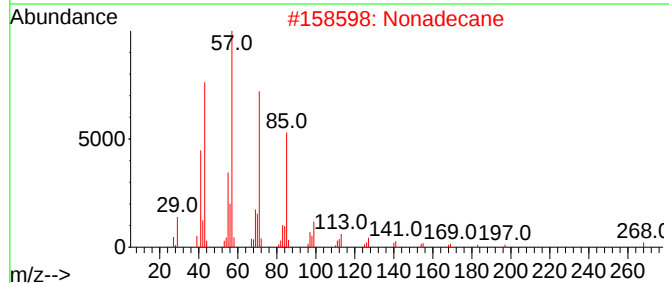
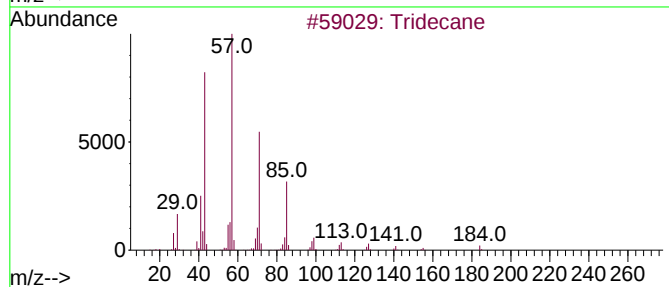
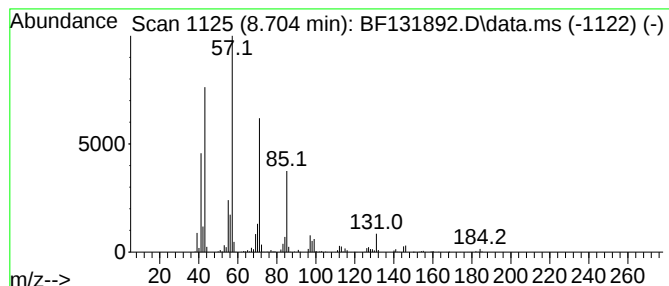
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	34.92 ng	2266900	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Nonadecane	268	C19H40	000629-92-5	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
5			Tetradecane	198	C14H30	000629-59-4	80



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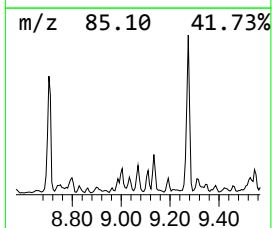
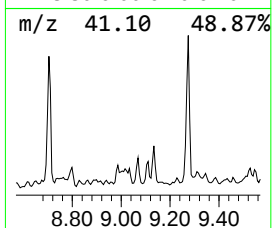
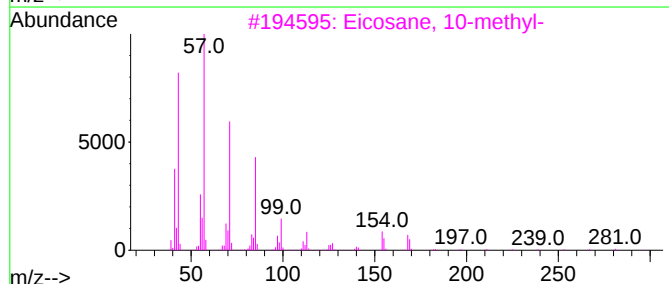
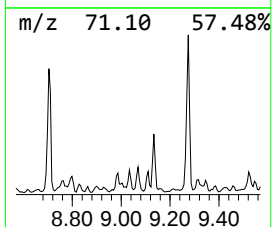
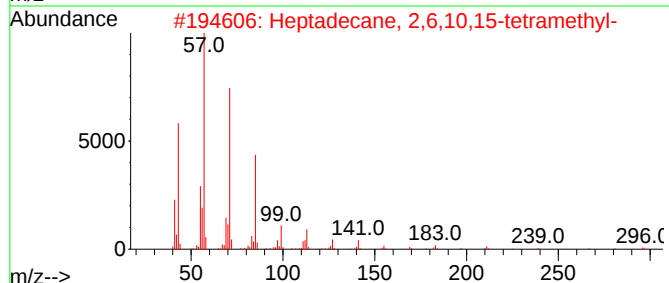
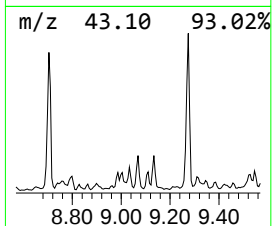
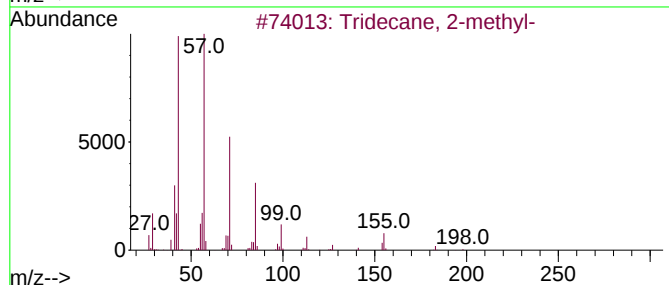
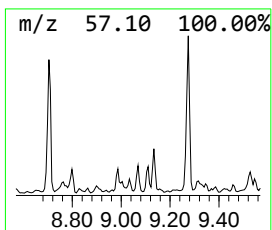
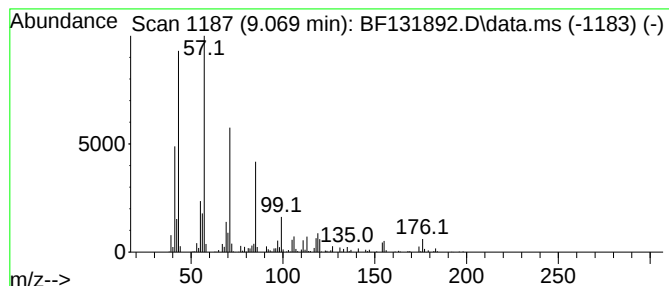
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	34.81 ng	778023	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	62



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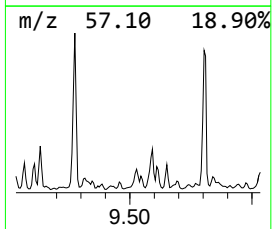
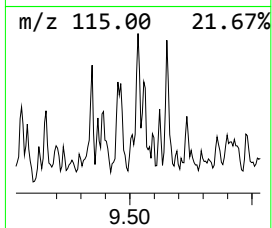
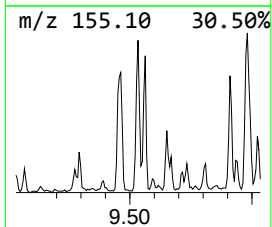
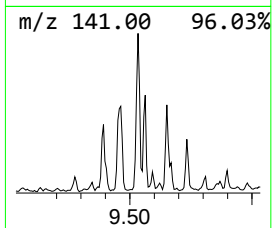
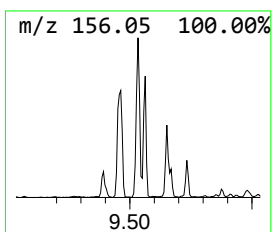
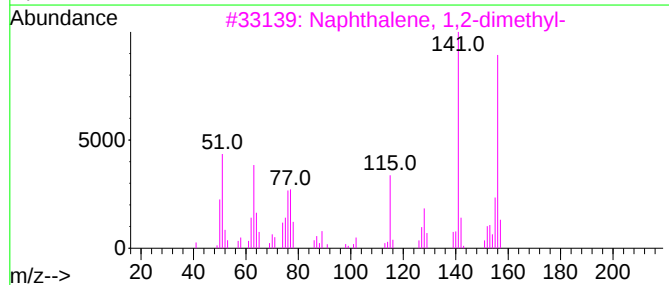
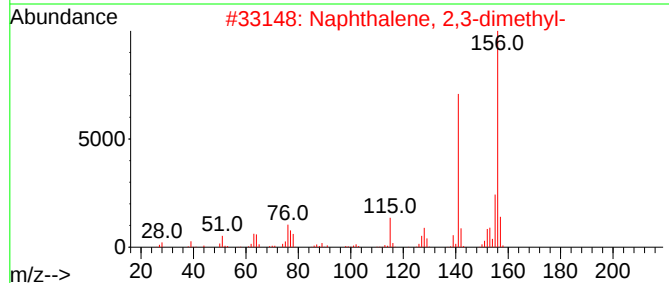
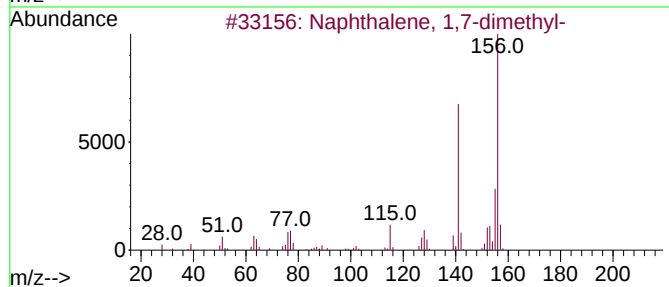
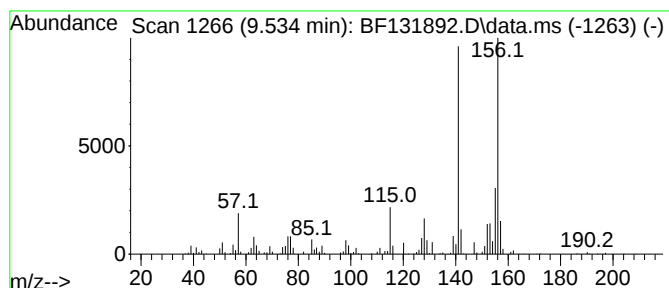
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	43.11 ng	963560	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-122822

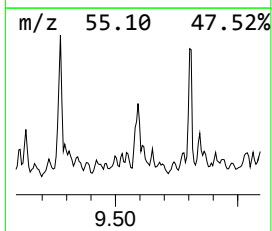
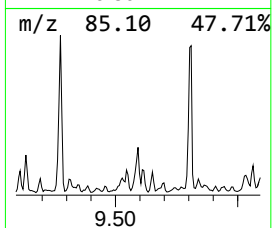
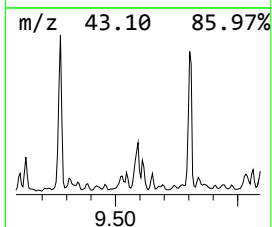
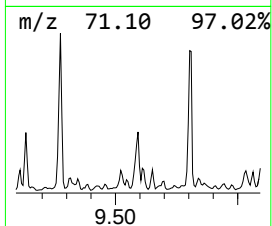
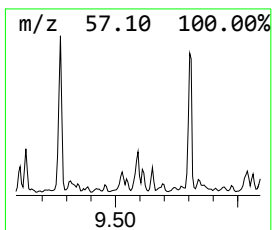
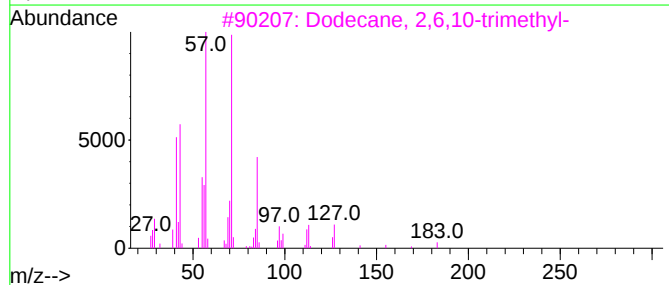
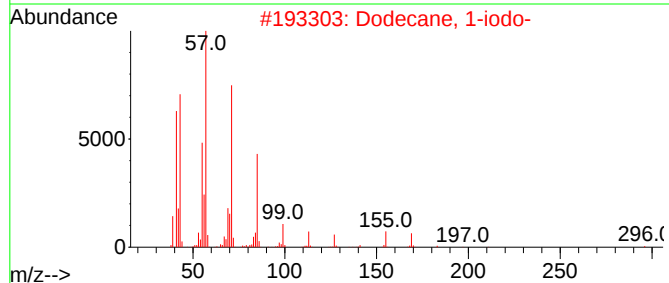
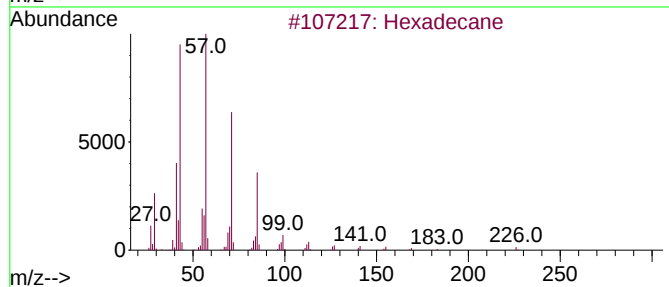
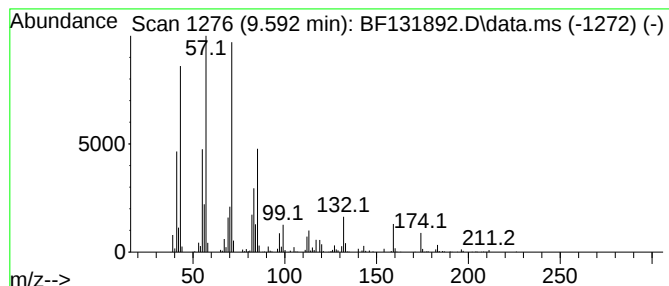
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	60.27 ng	1347200	Acenaphthene-d10	9.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	76
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4		Nonadecane	268	C19H40	000629-92-5	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-122822

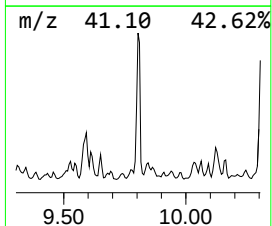
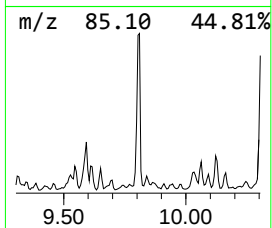
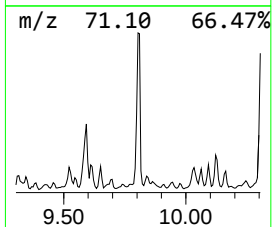
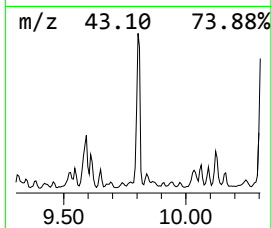
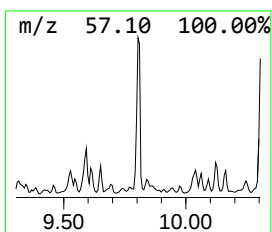
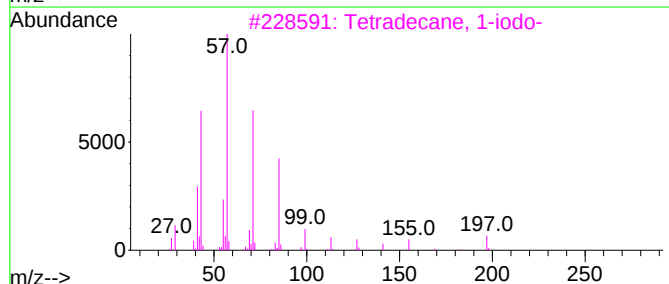
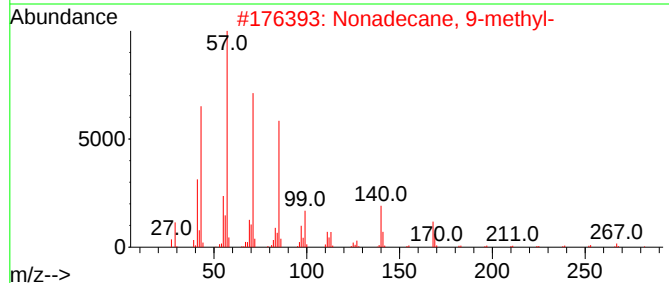
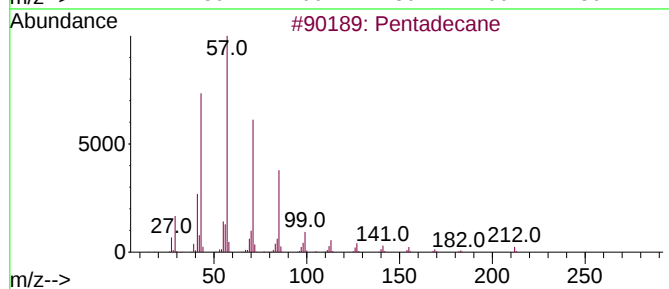
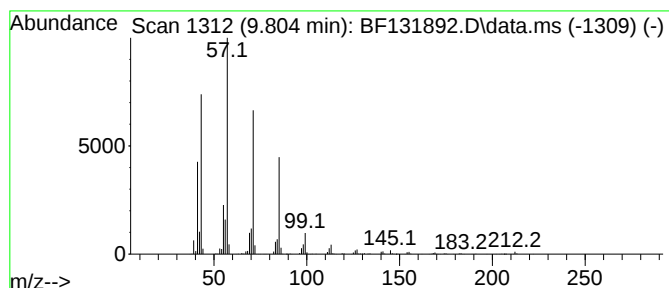
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	107.44 ng	2401310	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	83
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

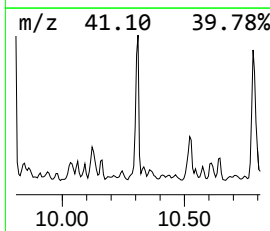
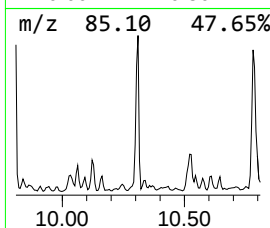
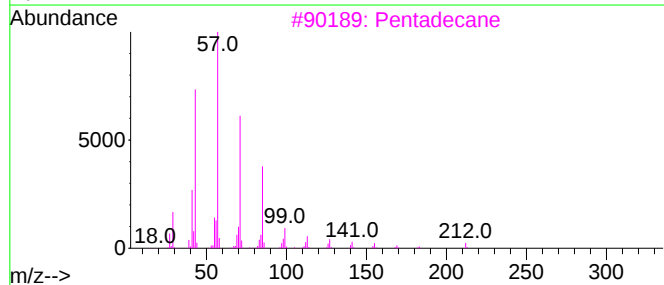
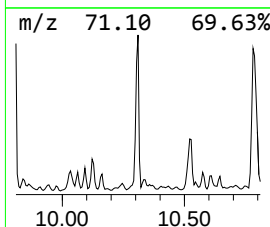
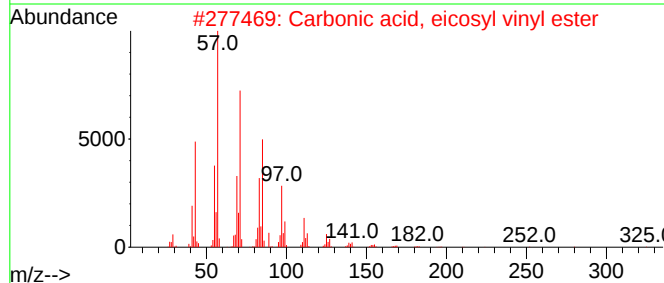
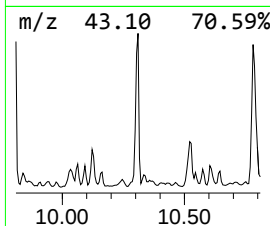
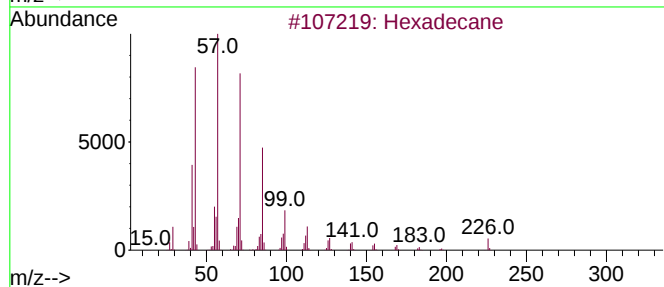
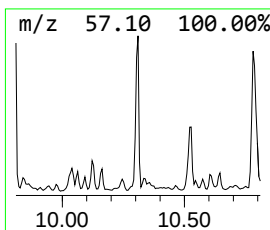
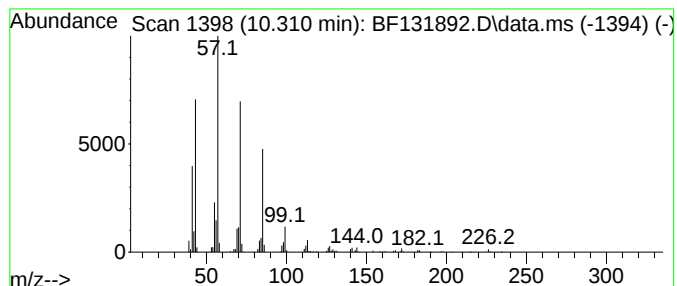
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, eicosyl vinyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.310	98.07 ng	2191980	Acenaphthene-d10	9.875	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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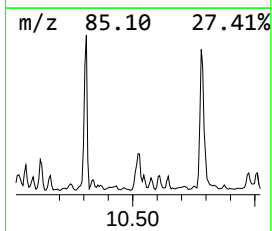
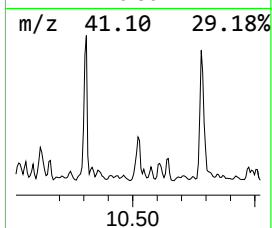
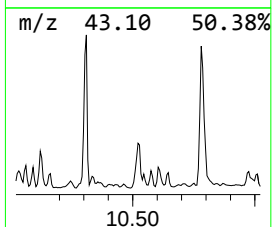
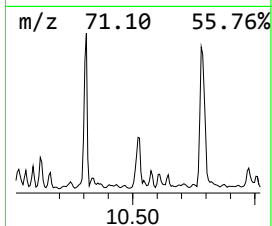
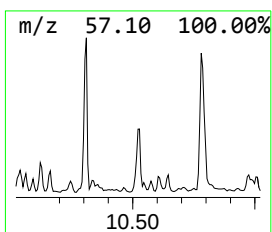
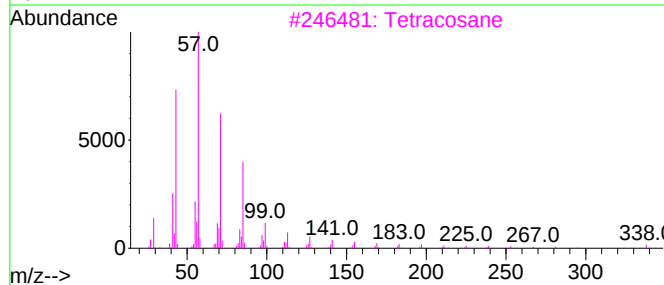
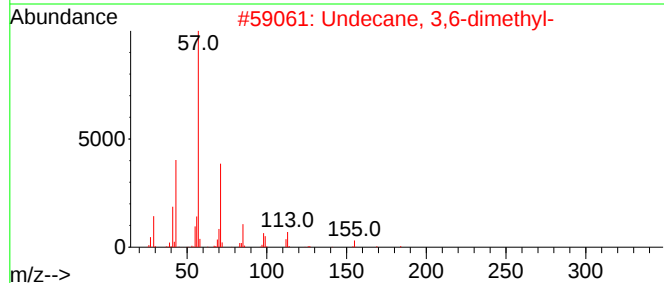
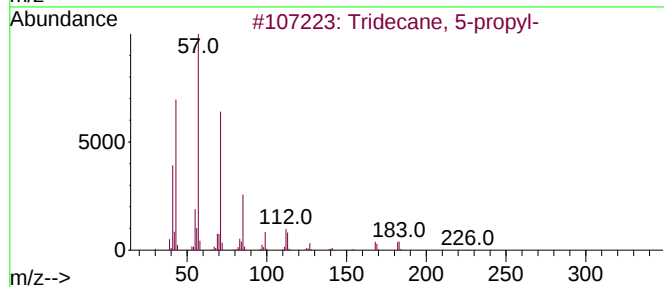
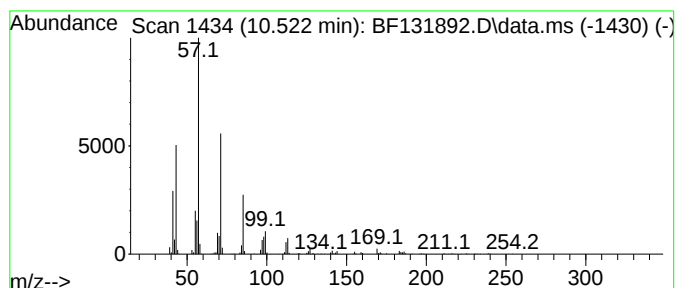
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	55.60 ng	1242730	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3			Tetracosane	338	C24H50	000646-31-1	86
4			Undecane	156	C11H24	001120-21-4	83
5			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-122822

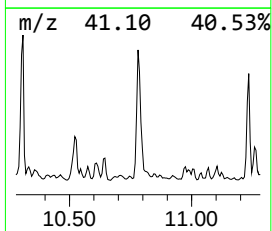
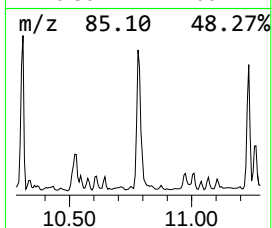
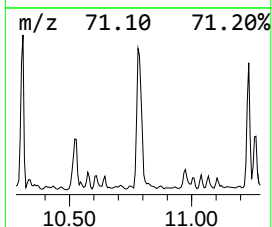
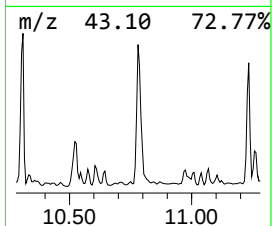
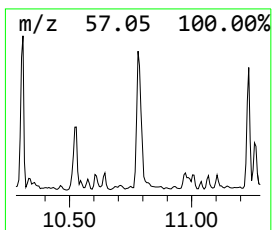
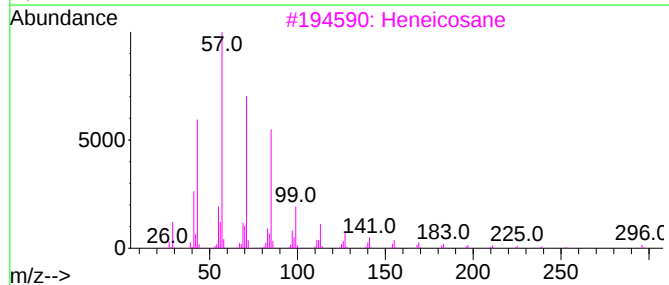
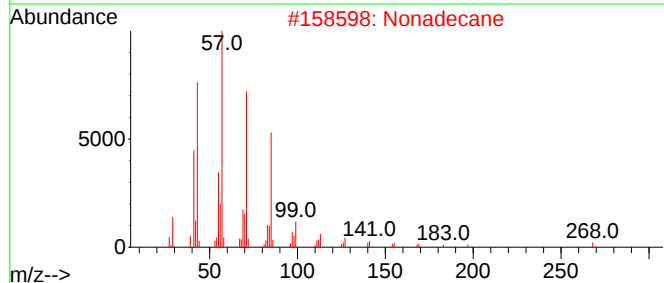
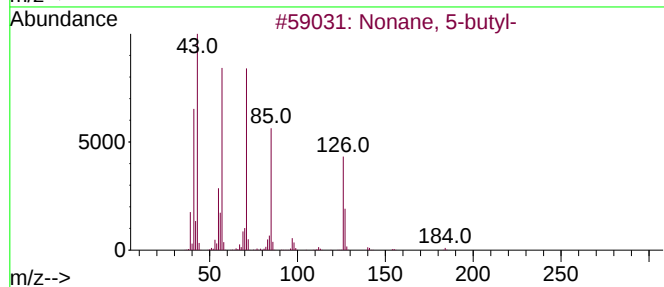
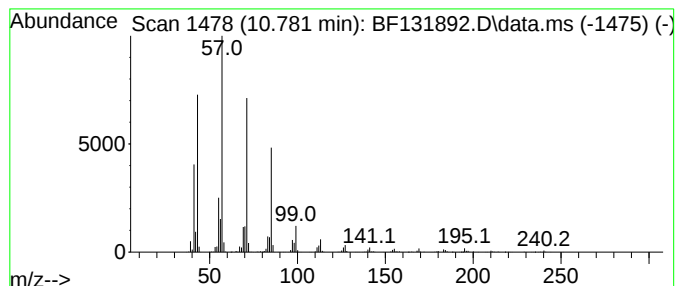
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 5-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	141.07 ng	3094730	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			9-methylheptadecane	254	C18H38	026741-18-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-122822

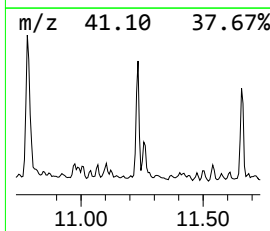
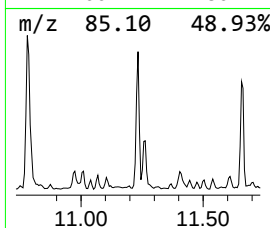
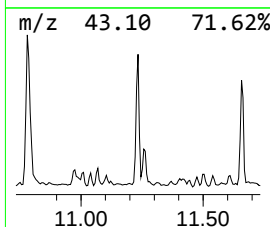
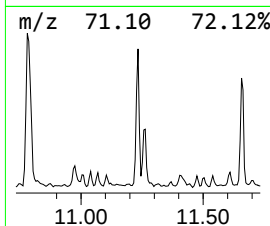
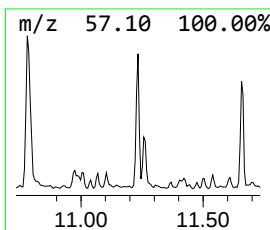
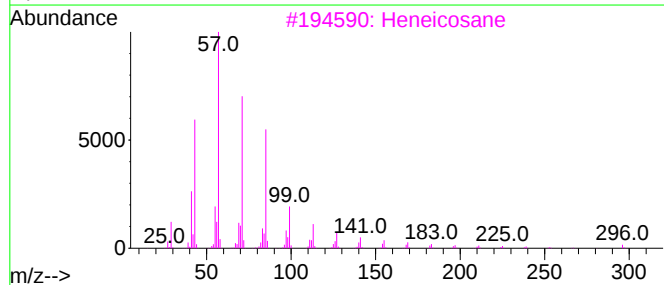
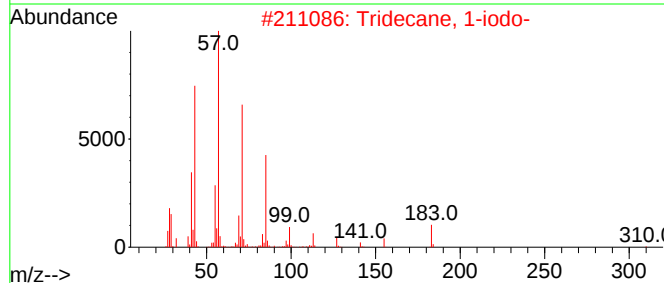
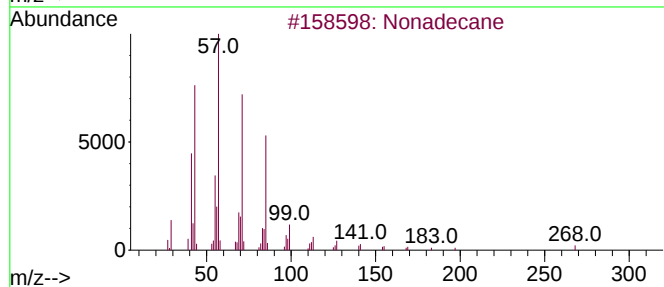
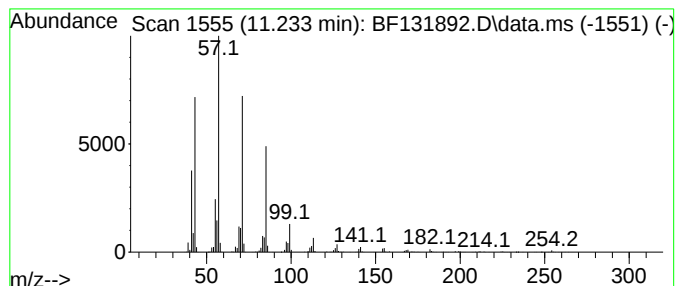
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	84.80 ng	1860200	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octadecane	254	C18H38	000593-45-3	90
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1010309-12-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

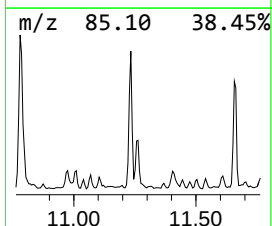
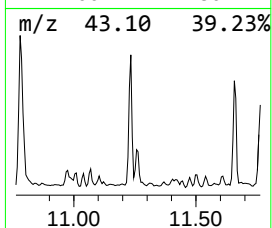
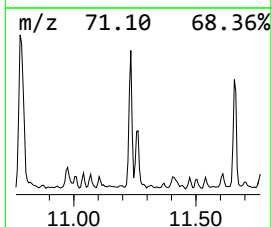
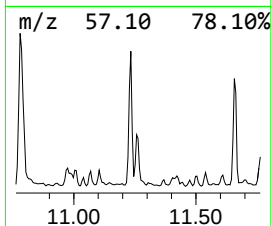
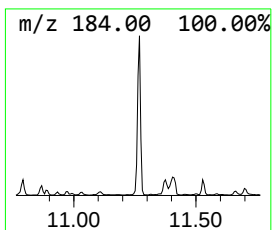
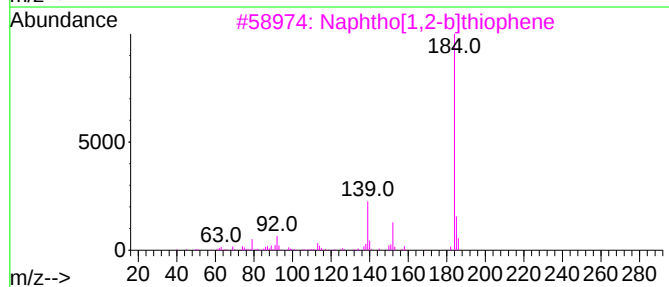
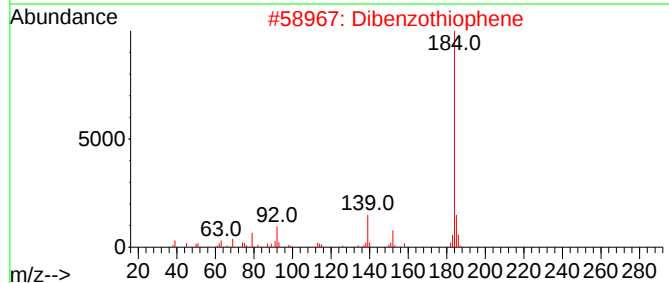
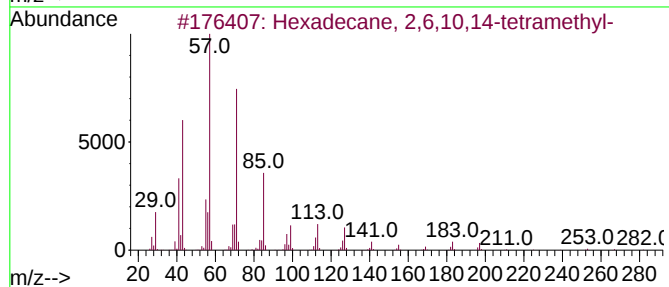
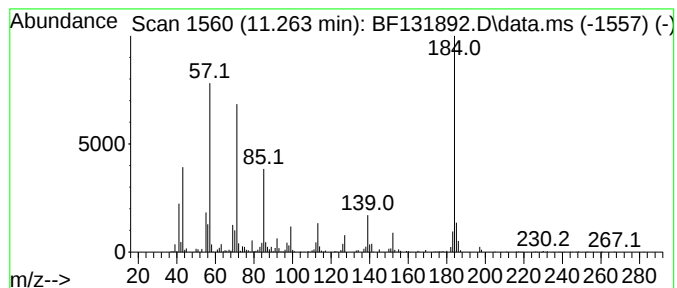
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ClientSampleId :
EO-03-122822

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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 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.263	62.33 ng	1367390	Phenanthrene-d10	11.375	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Dibenzothiophene	184	C12H8S	000132-65-0	64
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	52
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	50
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

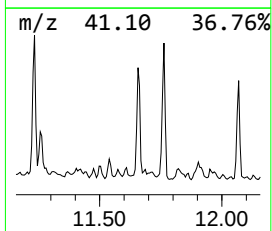
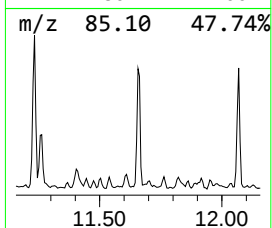
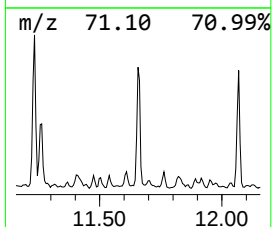
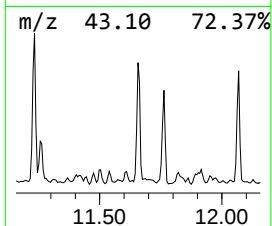
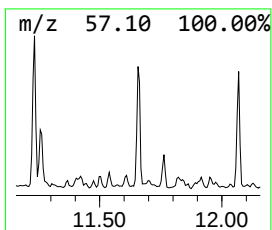
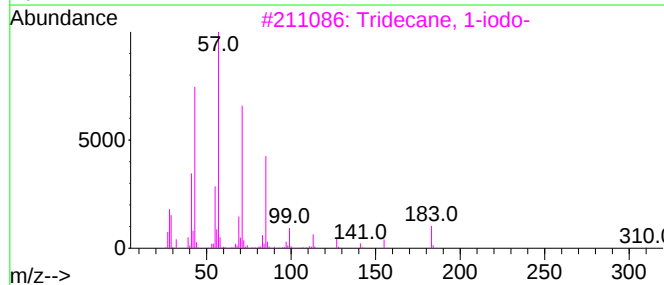
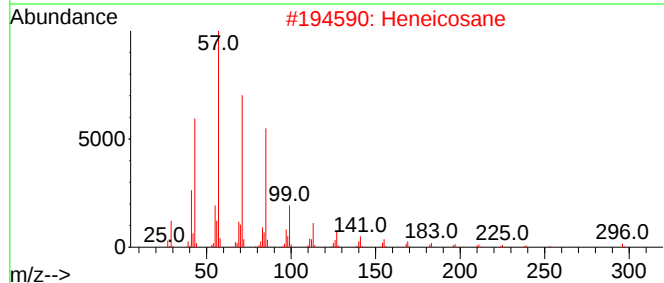
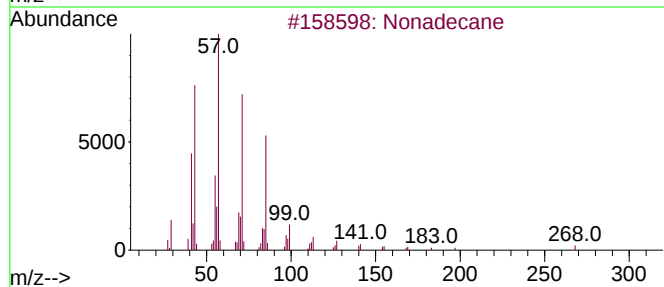
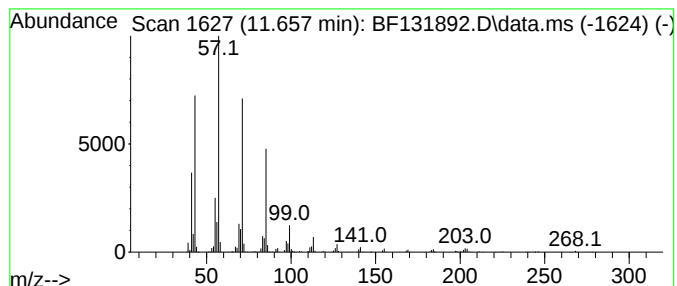
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.657	70.63 ng	1549450	Phenanthrene-d10		11.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	98
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
4	Tetracosane		338	C24H50	000646-31-1	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-03-122822

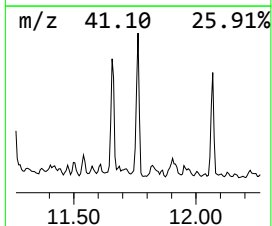
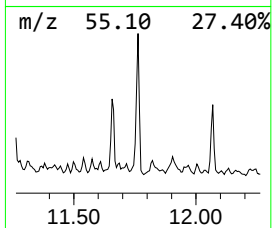
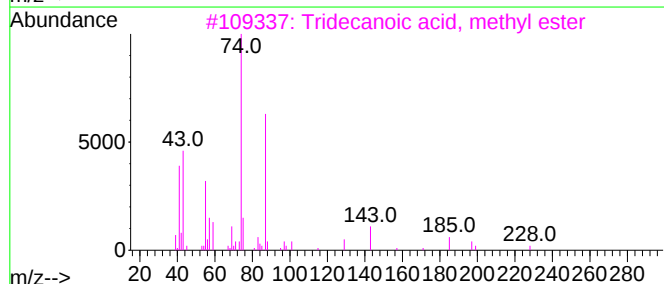
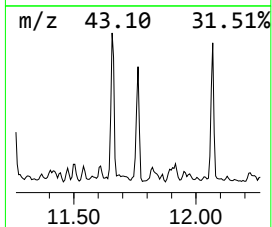
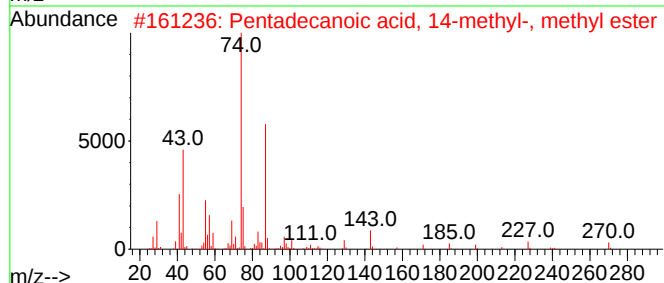
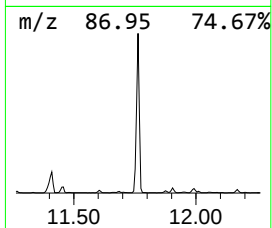
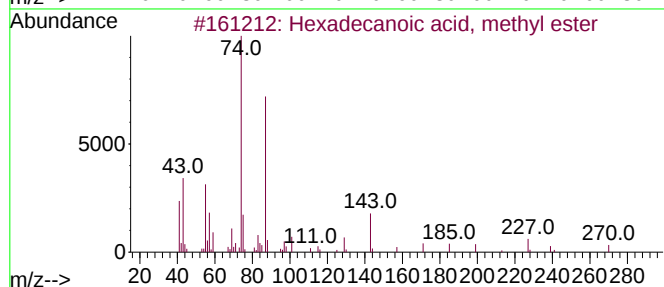
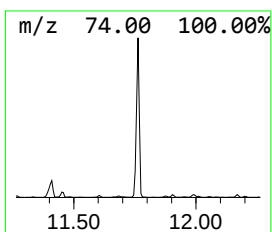
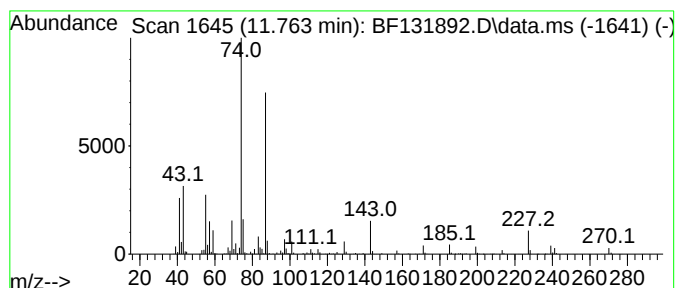
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	97.84 ng	2146310	Phenanthrene-d10	11.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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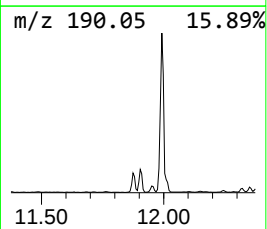
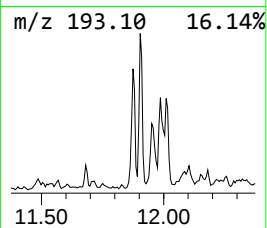
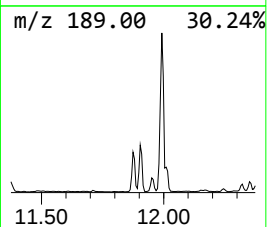
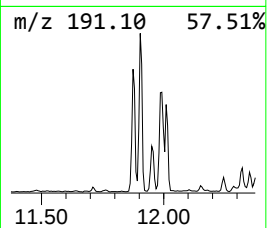
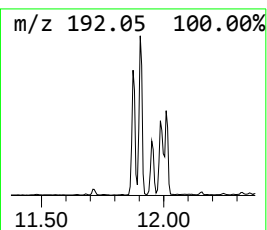
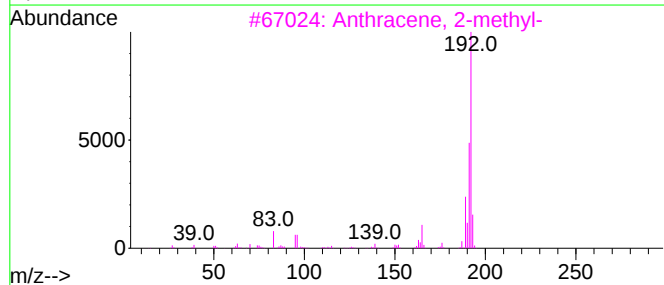
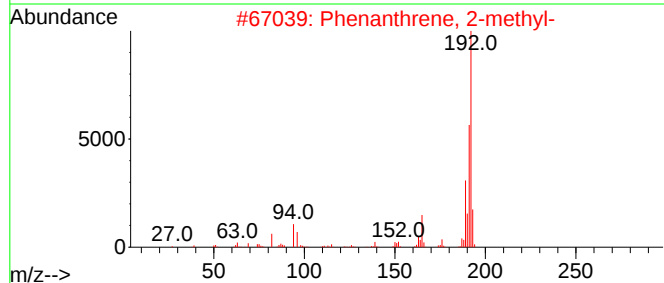
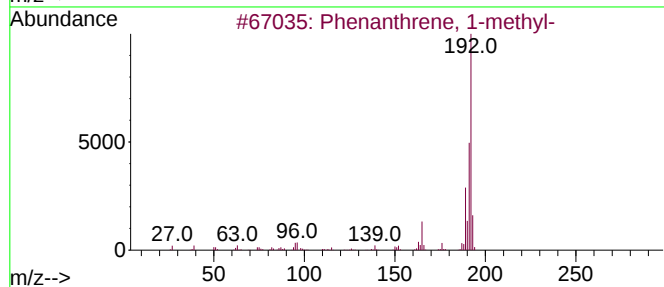
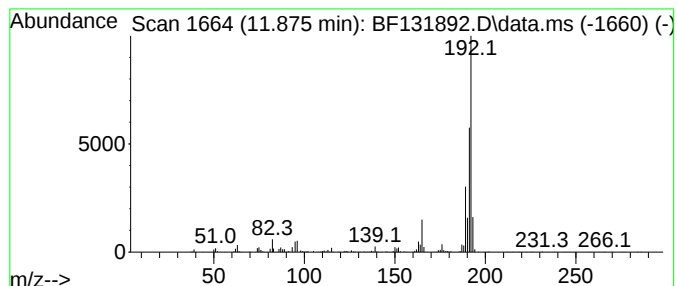
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	38.07 ng	835148	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

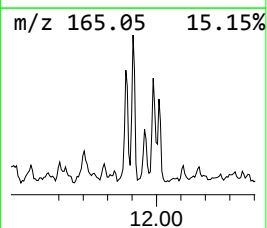
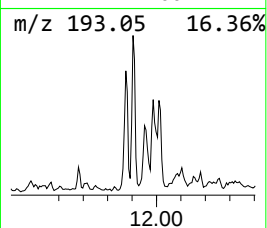
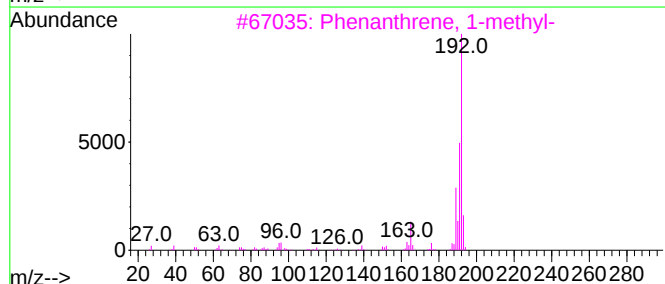
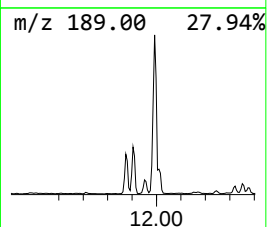
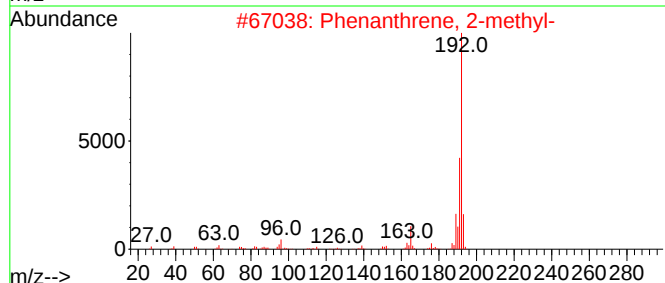
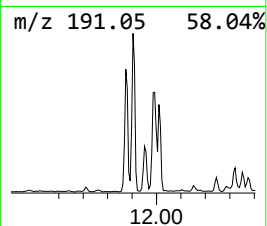
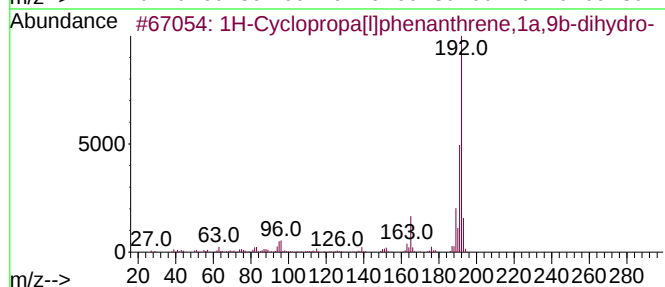
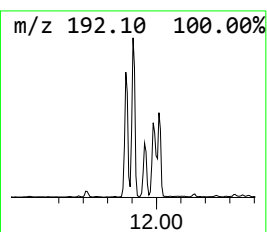
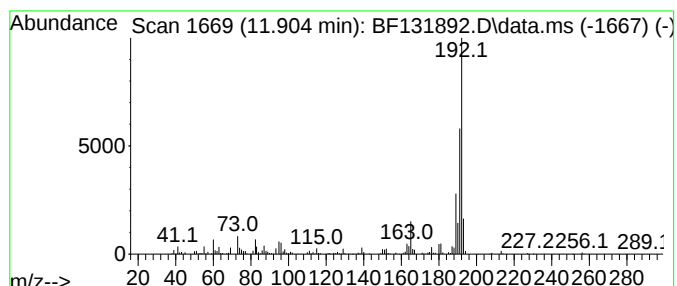
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ClientSampleId :
EO-03-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.904	53.06 ng	1164110	Phenanthrene-d10		11.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

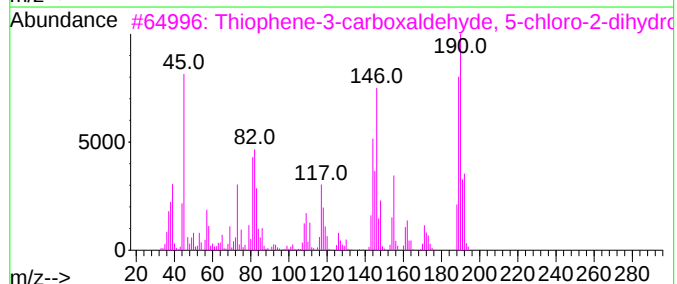
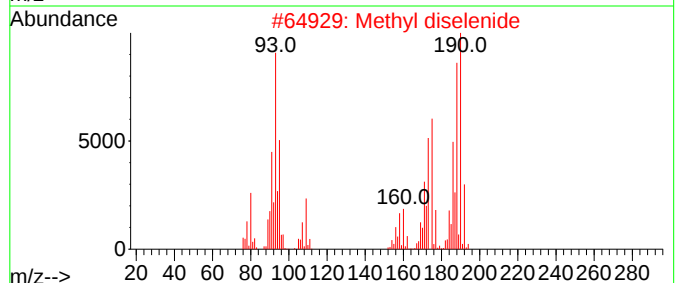
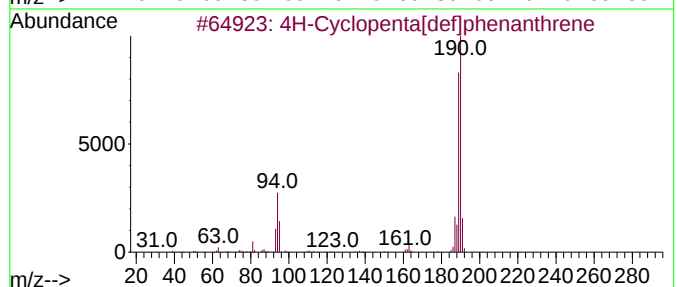
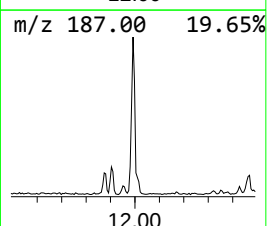
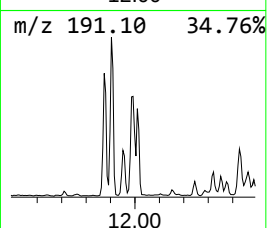
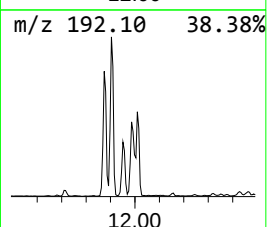
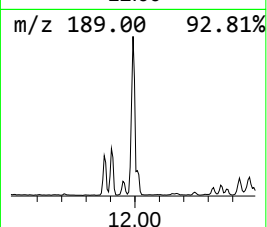
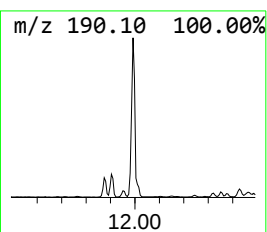
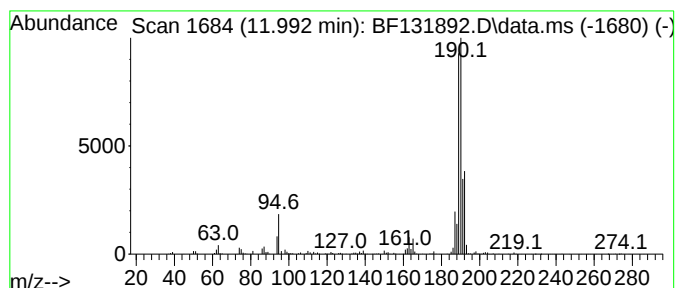
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.992	57.06 ng	1251680	Phenanthrene-d10		11.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	81
2	Methyl diselenide		190	C2H6Se2	007101-31-7	60
3	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
4	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
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Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
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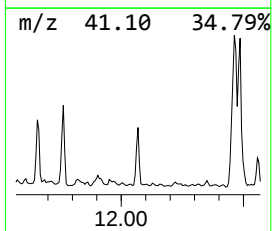
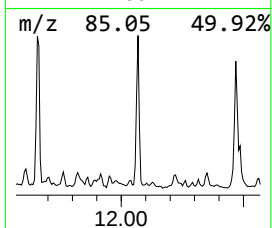
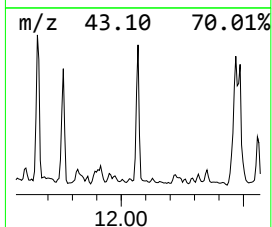
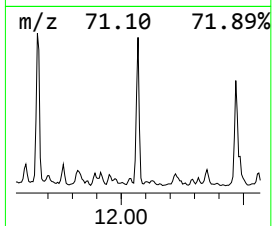
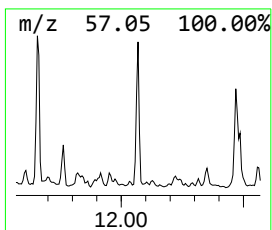
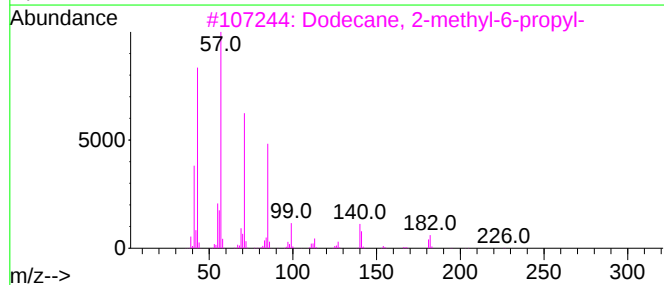
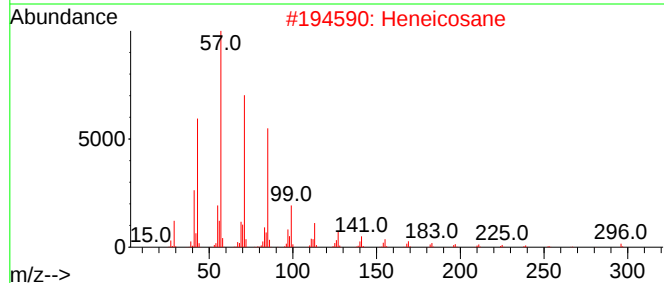
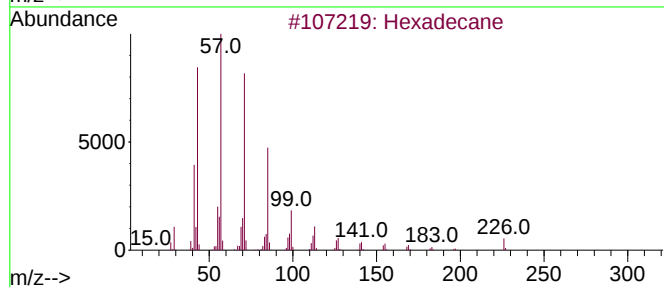
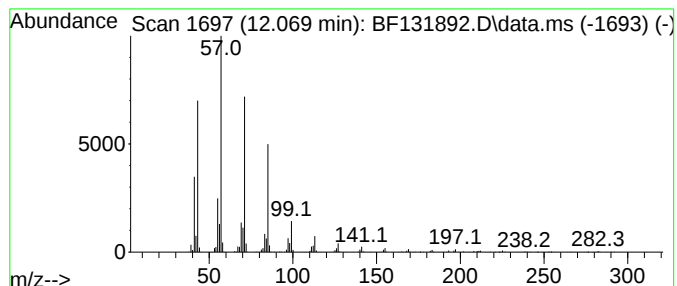
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.069	61.48 ng	1348820	Phenanthrene-d10		11.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
5	Tetracosane		338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-122822

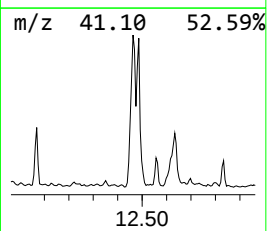
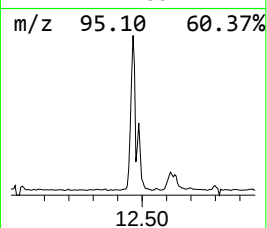
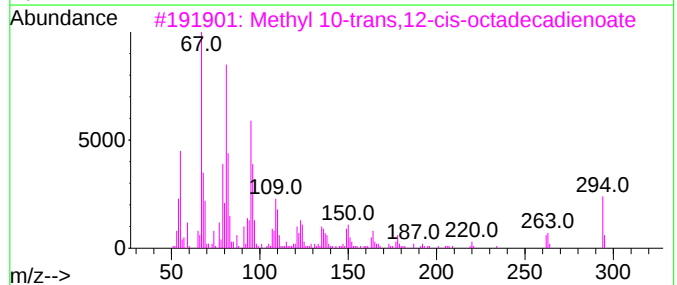
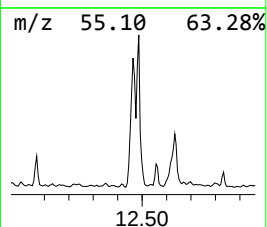
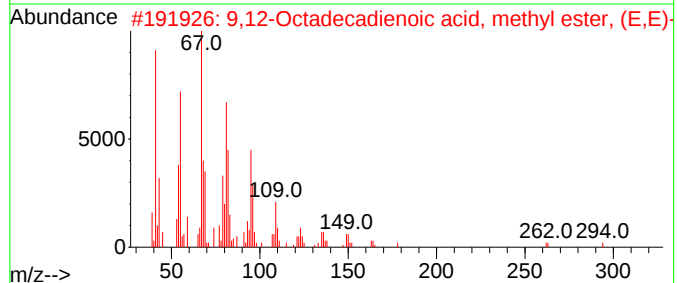
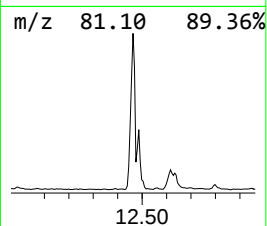
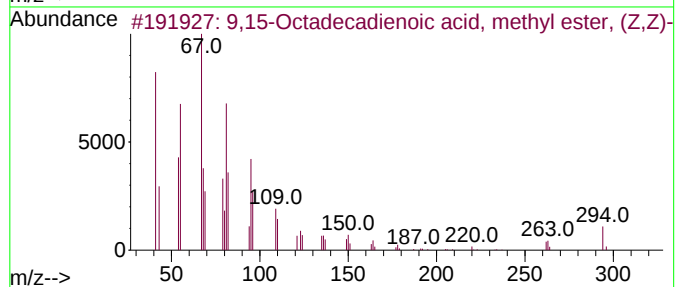
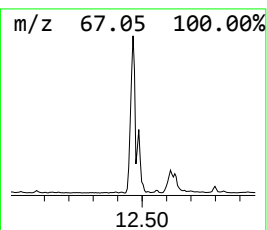
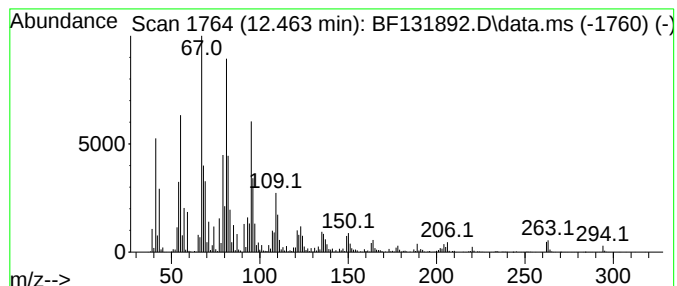
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	366.83 ng	8047430	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
3			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
4			9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	97
5			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-122822

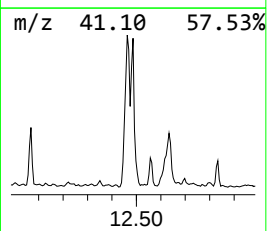
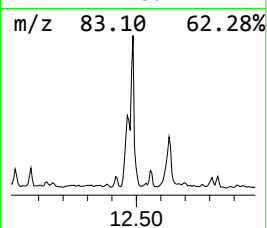
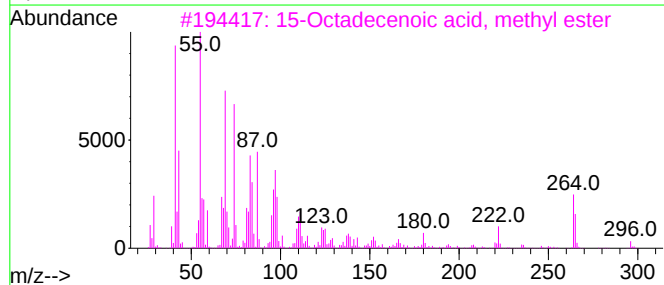
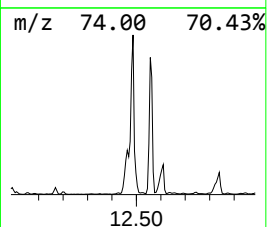
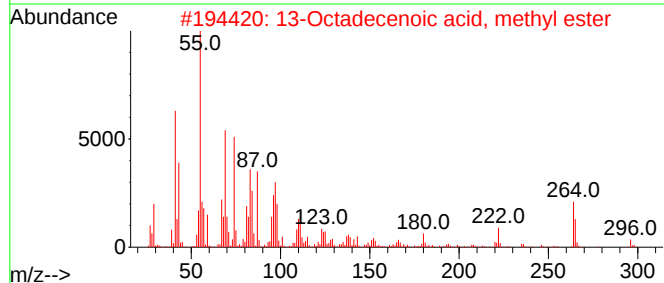
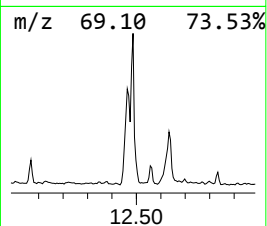
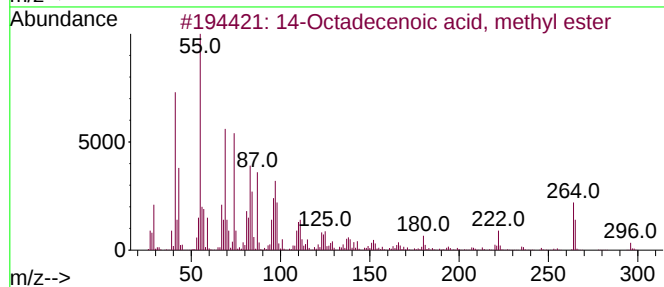
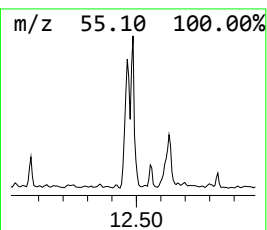
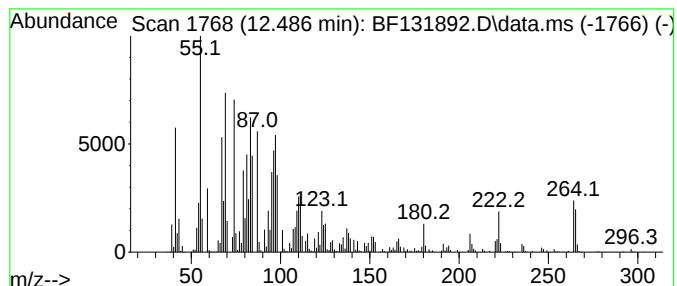
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 14-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	219.49 ng	4815080	Phenanthrene-d10	11.375

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
5		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

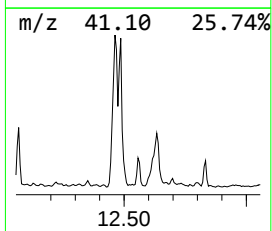
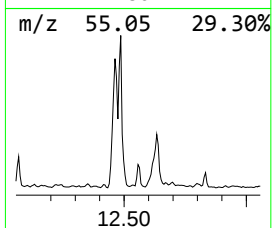
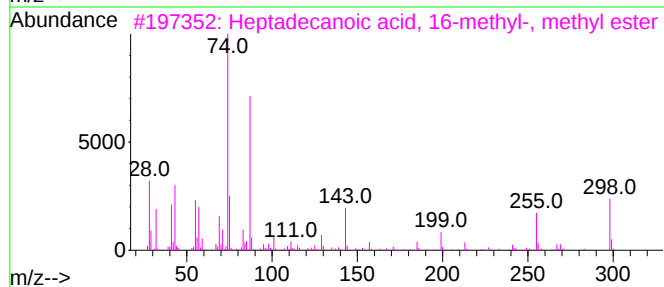
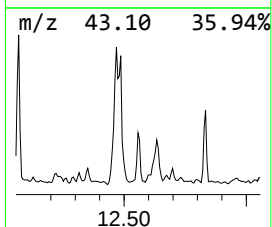
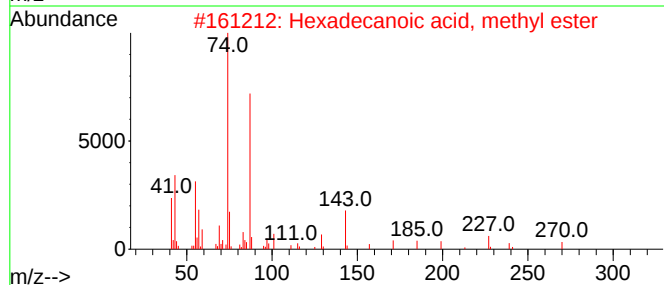
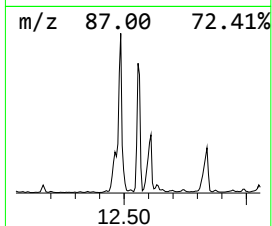
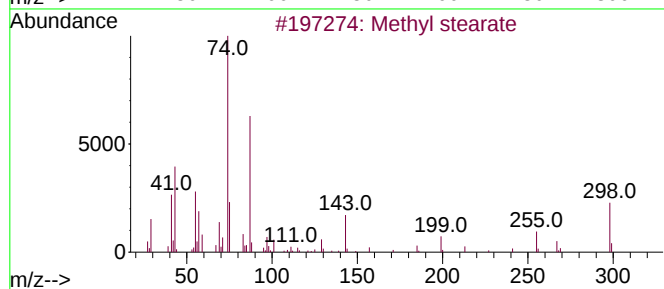
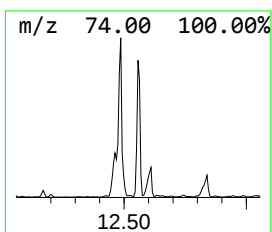
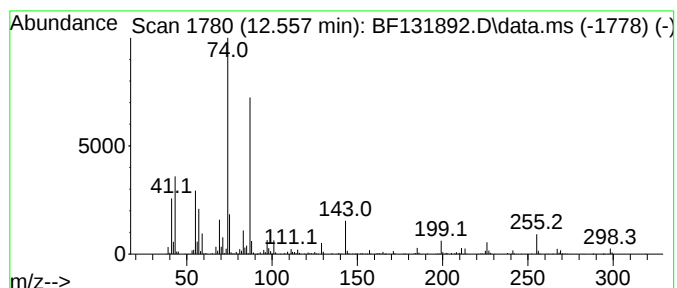
Instrument :
BNA_F
ClientSampleId :
EO-03-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Methyl stearate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.557	40.28 ng	883590	Phenanthrene-d10	11.375	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1		Methyl stearate	298 C19H38O2	000112-61-8	97
2		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0	91
3		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3	91
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1	87
5		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
Data File : BF131892.D
Acq On : 29 Dec 2022 22:33
Operator : CG\JU
Sample : N6225-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

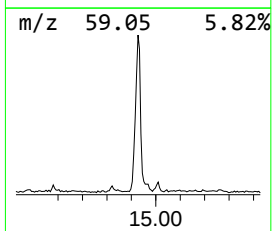
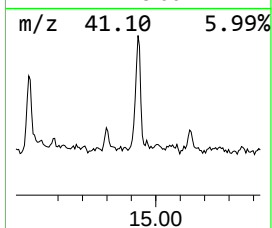
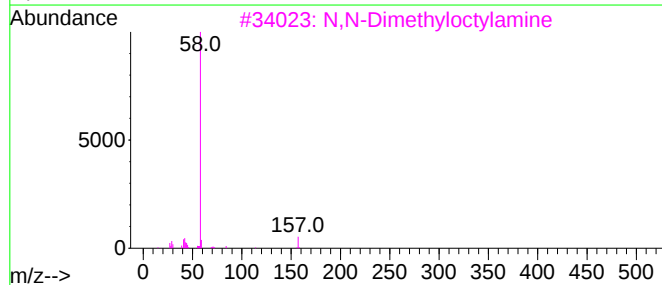
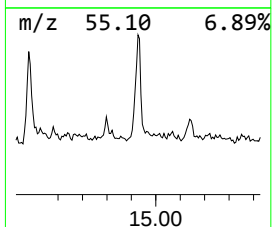
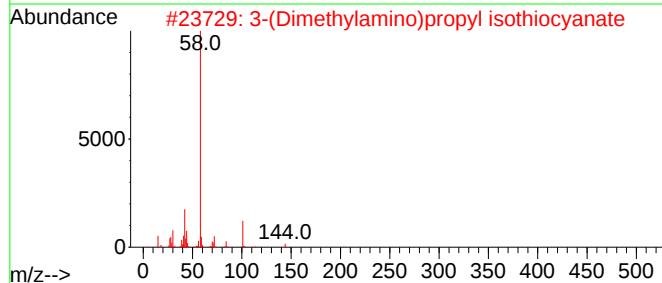
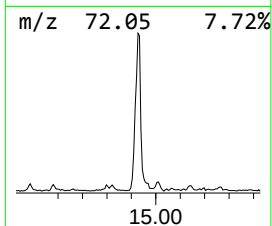
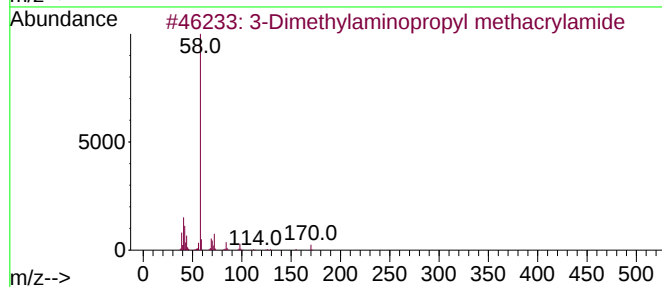
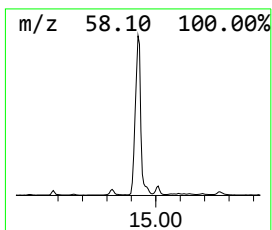
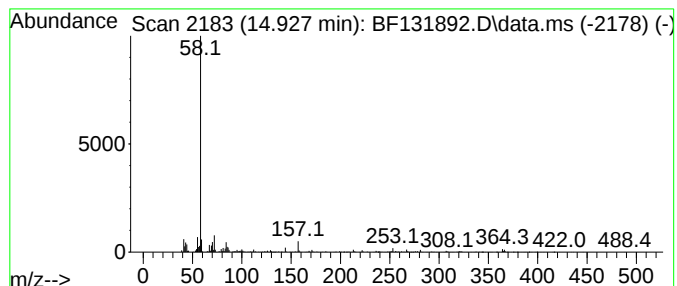
Instrument :
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ClientSampleId :
EO-03-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Dimethylaminopropyl metha... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.927	37.93 ng	1955820	Perylene-d12		15.521	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Dimethylaminopropyl methacryla...		170	C9H18N2O	005205-93-6	72
2	3-(Dimethylamino)propyl isothioc...		144	C6H12N2S	027421-70-1	72
3	N,N-Dimethyloctylamine		157	C10H23N	007378-99-6	72
4	(Cyclohexylmethyl)ethylamine		141	C9H19N	1000484-35-5	64
5	Tetradonium Bromide		335	C17H38BrN	001119-97-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131892.D
 Acq On : 29 Dec 2022 22:33
 Operator : CG\JU
 Sample : N6225-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122822

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.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
Tridecane	8.704	34.9	ng	2266900	2	8.116	1298410	20.0
Tridecane, 2-me...	9.069	34.8	ng	778023	3	9.875	447026	20.0
Naphthalene, 1,...	9.534	43.1	ng	963560	3	9.875	447026	20.0
Hexadecane	9.592	60.3	ng	1347200	3	9.875	447026	20.0
Pentadecane	9.804	107.4	ng	2401310	3	9.875	447026	20.0
Carbonic acid, ...	10.310	98.1	ng	2191980	3	9.875	447026	20.0
Tridecane, 5-pr...	10.522	55.6	ng	1242730	3	9.875	447026	20.0
Nonane, 5-butyl-	10.781	141.1	ng	3094730	4	11.375	438752	20.0
Nonadecane	11.233	84.8	ng	1860200	4	11.375	438752	20.0
Hexadecane, 2,6...	11.263	62.3	ng	1367390	4	11.375	438752	20.0
Heneicosane	11.657	70.6	ng	1549450	4	11.375	438752	20.0
Hexadecanoic ac...	11.763	97.8	ng	2146310	4	11.375	438752	20.0
Phenanthrene, 1...	11.875	38.1	ng	835148	4	11.375	438752	20.0
1H-Cyclopropa[1...	11.904	53.1	ng	1164110	4	11.375	438752	20.0
4H-Cyclopenta[d...	11.992	57.1	ng	1251680	4	11.375	438752	20.0
Dodecane, 2-met...	12.069	61.5	ng	1348820	4	11.375	438752	20.0
9,15-Octadecadi...	12.463	366.8	ng	8047430	4	11.375	438752	20.0
14-Octadecenoic...	12.486	219.5	ng	4815080	4	11.375	438752	20.0
Methyl stearate	12.557	40.3	ng	883590	4	11.375	438752	20.0
3-Dimethylamino...	14.927	37.9	ng	1955820	6	15.521	1031240	20.0