LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WATER-DRUM

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.763	557	591	593	rBV	11847463	78480061	100.00%	10.770%
2	5.846	593	605	606	rBV2	2986163	10640257	13.56%	1.460%
3	6.516	716	719	721	rVB	4415015	2252301	2.87%	0.309%
4	6.563	723	727	733	rVB2	1872198	1782487	2.27%	0.245%
5	6.640	736	740	747	rBV4	613509	1149136	1.46%	0.158%
6	6.987	791	799	802	rBV	1404580	1942932	2.48%	0.267%
7	7.022	802	805	809	rVV	3238788	3081797	3.93%	0.423%
8	7.157	812	828	829	rBV	10013179	30978037	39.47%	4.251%
9	7.345	845	860	863	rBV	10212284	27680871	35.27%	3.799%
10	7.492	874	885	891	rVB2	5625287	11569190	14.74%	1.588%
11	7.692	905	919	921	rBV	9710928	23227755	29.60%	3.188%
12	7.751	926	929	931	rVV3	1682282	2833301	3.61%	0.389%
13	8.022	962	975	978	rBV2	2354760	5711359	7.28%	0.784%
14	8.075	978	984	988	rBV	4156648	7100412	9.05%	0.974%
15	8.222	999	1009	1010	rBV	7256195	16867097	21.49%	2.315%
16	8.234	1010	1011	1013	rVB2	2114397	1447076	1.84%	0.199%
17	8.322	1024	1026	1027	rVB	3997085	2700557	3.44%	0.371%
18	8.334	1027	1028	1030	rVB	3605652	2540382	3.24%	0.349%
19	8.492	1048	1055	1058	rVB	7719661	13288818	16.93%	1.824%
20	8.628	1070	1078	1080	rBV2	989547	1775268	2.26%	0.244%
21	8.910	1122	1126	1129	rVB	974727	868978	1.11%	0.119%
22	9.210	1156	1177	1179	rBV	5885147	17242534	21.97%	2.366%
23	9.381	1202	1206	1208	rBV3	1265195	1640590	2.09%	0.225%
24	9.416	1208	1212	1214	rVB2	2726608	3364163	4.29%	0.462%
25	9.469	1214	1221	1224	rBV4	2364297	5865256	7.47%	0.805%
26	9.498	1224	1226	1230	rVB	3392309	3078566	3.92%	0.422%
27	9.557	1230	1236	1238	rBV	2945447	4307778	5.49%	0.591%
28	9.598	1238	1243	1247	rVB3	2775281	4726960	6.02%	0.649%
29	9.681	1251	1257	1259	rBV	2956161	3700351	4.72%	0.508%
30	9.710	1259	1262	1267	rVB	2388174	2489595	3.17%	0.342%
31	9.775	1268	1273	1274	rBV	1245182	1501676	1.91%	0.206%
32	9.804	1274	1278	1281	rVB2	2852210	3874671	4.94%	0.532%
33	9.839	1281	1284	1288	rVB2	789477	824572	1.05%	0.113%
34	9.886	1288	1292	1294	rBV	2939000	3155600	4.02%	0.433%
35	9.916	1294	1297	1301	rVB2	7249982	9225423	11.76%	1.266%
36	10.157	1333	1338	1341	rBV	8940255	13013683	16.58%	1.786%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.286	1341	1360	1361	rBV3	5546613	21944731	27.96%	3.012%
38	10.610	1411	1415	1417	rBV2	898610	1065251	1.36%	0.146%
39	10.639	1417	1420	1423	rVB2	2003460	1967708	2.51%	0.270%
40	10.698	1426	1430	1432	rBV2	1175059	1904779	2.43%	0.261%
41	10.733	1432	1436	1437	rBV2	1905432	2417969	3.08%	0.332%
42	10.769	1439	1442	1447	rVB2	3714872	4002682	5.10%	0.549%
43	10.875	1451	1460	1466	rBV3	6142571	14855973	18.93%	2.039%
44	11.298	1505	1532	1535	rVV4	10914354	66538113	84.78%	9.131%
45	11.322	1535	1536	1540	rVB	1417595	970866	1.24%	0.133%
46	11.386	1545	1547	1560	rVB3	1317153	2327538	2.97%	0.319%
47	11.675	1592	1596	1600	rVB	572667	804463	1.03%	0.110%
48	11.727	1600	1605	1611	rBV2	459038	1047337	1.33%	0.144%
49	11.810	1611	1619	1621	rBV	4795470	8370452	10.67%	1.149%
50	11.833	1621	1623	1626	rVB	1234254	1205750	1.54%	0.165%
51	11.945	1633	1642	1645	rBV	3869042	7799398	9.94%	1.070%
52	12.075	1645	1664	1669	rVV3	11815471	61752593	78.69%	8.474%
53	12.122	1669	1672	1676	rVV	4563476	7441817	9.48%	1.021%
54	12.169	1676	1680	1684	rVV2	3160483	5938584	7.57%	0.815%
55	12.210	1684	1687	1689	rVV	1408137	1677043	2.14%	0.230%
56	12.239	1689	1692	1700	rVB2	2597186	4952379	6.31%	0.680%
57	12.445	1723	1727	1732	rVB	2815629	2567429	3.27%	0.352%
58	12.586	1744	1751	1754	rBV	9210626	12828097	16.35%	1.760%
59	12.663	1754	1764	1767	rBV	8038460	20197444	25.74%	2.772%
60	12.798	1775	1787	1789	rBV3	10049926	35532738	45.28%	4.876%
61	12.998	1817	1821	1824	rVB2	4801797	7266134	9.26%	0.997%
62	13.104	1833	1839	1845	rVB2	4853128	11714939	14.93%	1.608%
63	13.157	1845	1848	1851	rVB2	1604153	1870425	2.38%	0.257%
64	13.198	1851	1855	1860	rBV	2893411	4893231	6.23%	0.672%
65	13.269	1864	1867	1873	rVB2	3164976	5496464	7.00%	0.754%
66	13.569	1905	1918	1919	rBV2	3788127	9013204	11.48%	1.237%
67	13.598	1920	1923	1930	rVV3	4621027	8228274	10.48%	1.129%
68	13.663	1930	1934	1937	rVV	3933622	4698435	5.99%	0.645%
69	13.733	1944	1946	1950	rVB2	1541464	1842523	2.35%	0.253%
70	13.774	1951	1953	1957	rVB2	1324771	1419993	1.81%	0.195%
71	13.827	1958	1962	1966	rBV	1560182	2620208	3.34%	0.360%
72	13.921	1974	1978	1979	rBV2	1585741	1864365	2.38%	0.256%
73	14.204	2021	2026	2030	rVB2	2300546	4402331	5.61%	0.604%
74	14.327	2043	2047	2051	rVB	1556449	1834297	2.34%	0.252%
75	14.386	2052	2057	2064	rVB	5255450	6756431	8.61%	0.927%
76	14.698	2106	2110	2115	rBV2	754437	1450145	1.85%	0.199%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.810	2121	2129	2134	rBV2	2498696	8742202	11.14%	1.200%
78	14.986	2155	2159	2165	rBV	2647470	5367297	6.84%	0.737%
79	15.057	2165	2171	2176	rVB3	3717912	6963275	8.87%	0.956%
80	15.663	2269	2274	2283	rBV2	977821	2372185	3.02%	0.326%
81	15.798	2291	2297	2300	rBV2	1467051	3413253	4.35%	0.468%
82	15.874	2305	2310	2313	rVV	1309104	2678805	3.41%	0.368%
83	16.010	2330	2333	2338	rVB2	854889	1310181	1.67%	0.180%
84	16.068	2338	2343	2353	rBV	1166039	3209508	4.09%	0.440%
85	16.180	2359	2362	2368	rVB	1103373	1955716	2.49%	0.268%
86	16.574	2425	2429	2435	rVB	746803	1269423	1.62%	0.174%

Sum of corrected areas: 728693868

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Instrument :
BNA_F
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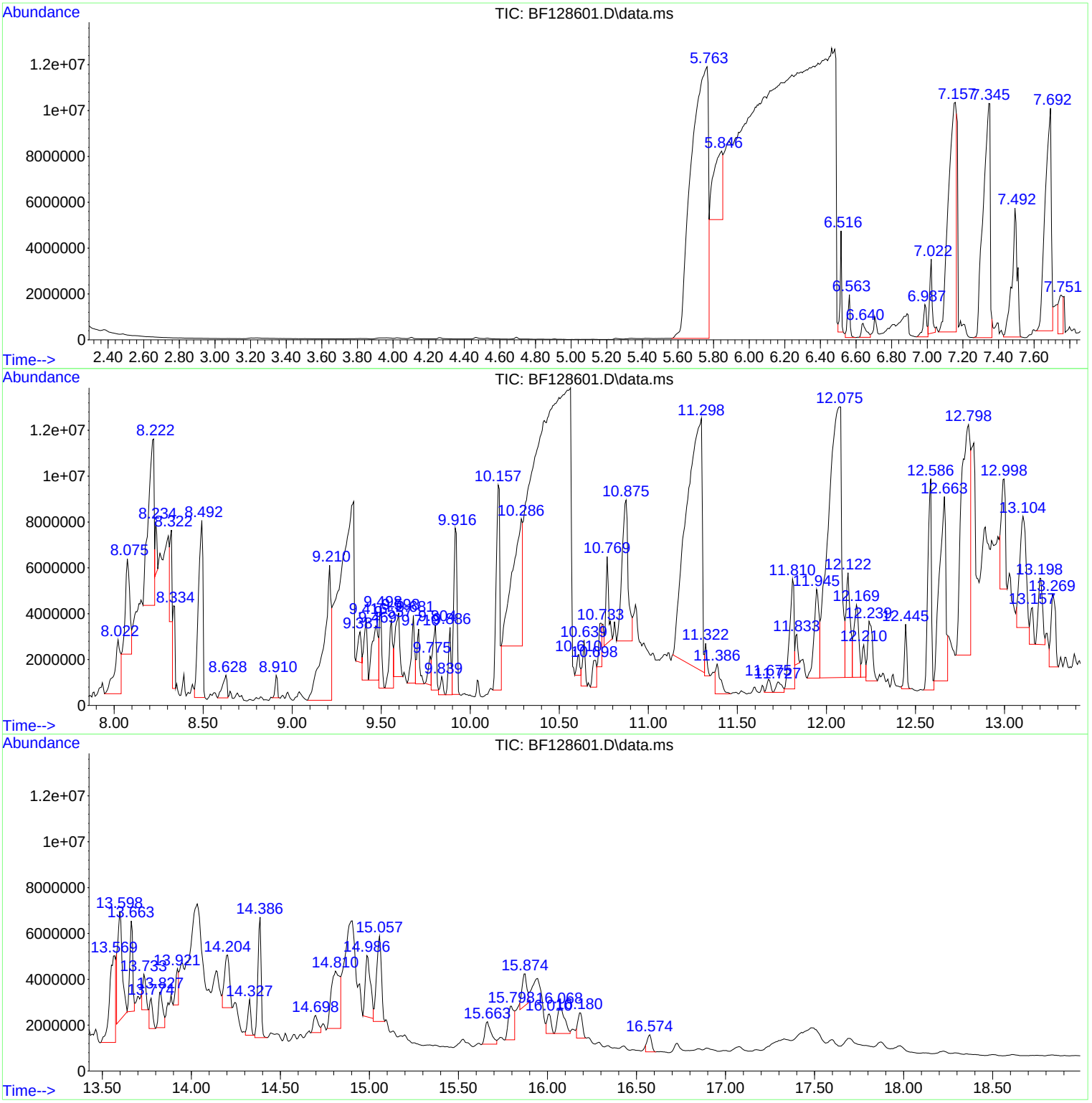
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

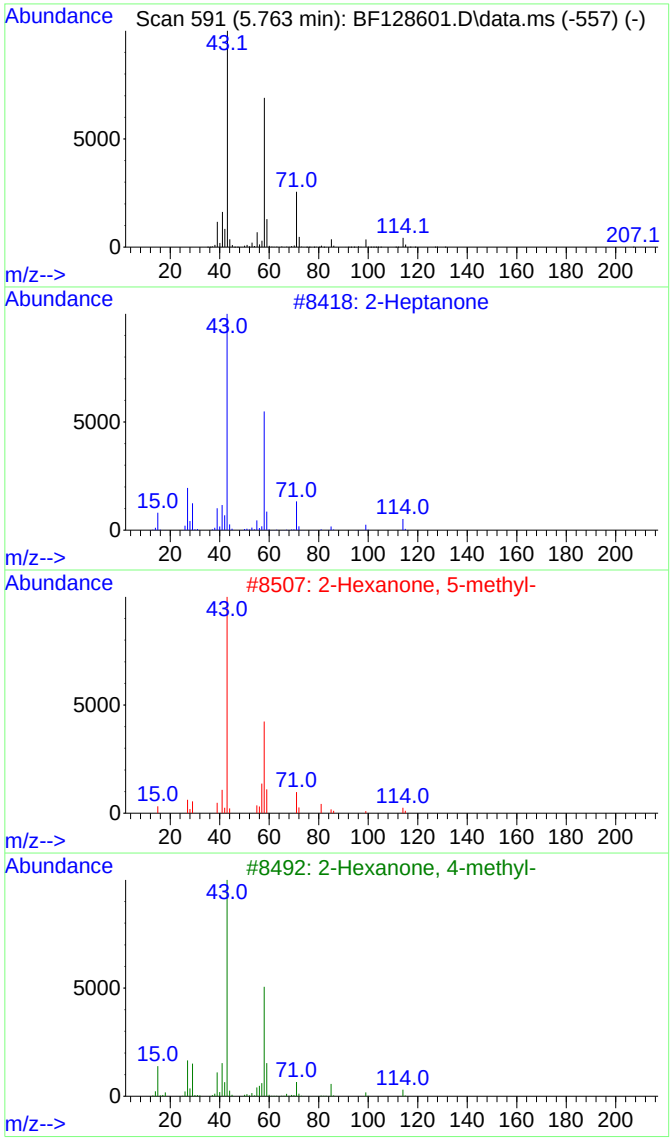
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

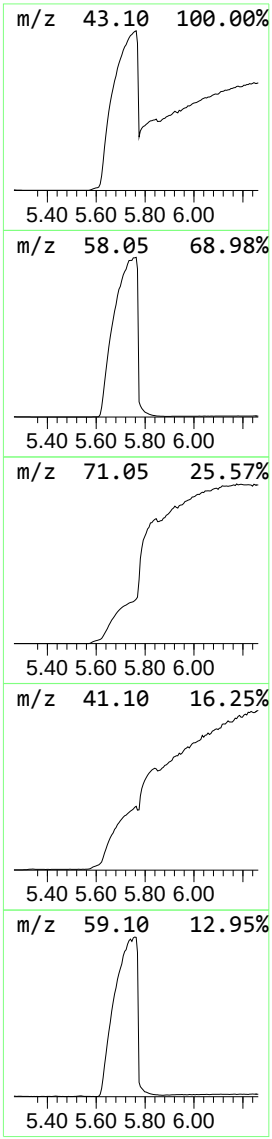
****

Peak Number 1 2-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.763	807.85 ng	78480100	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	72
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53
4	8-Nonen-2-one	140	C9H16O	005009-32-5	50
5	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

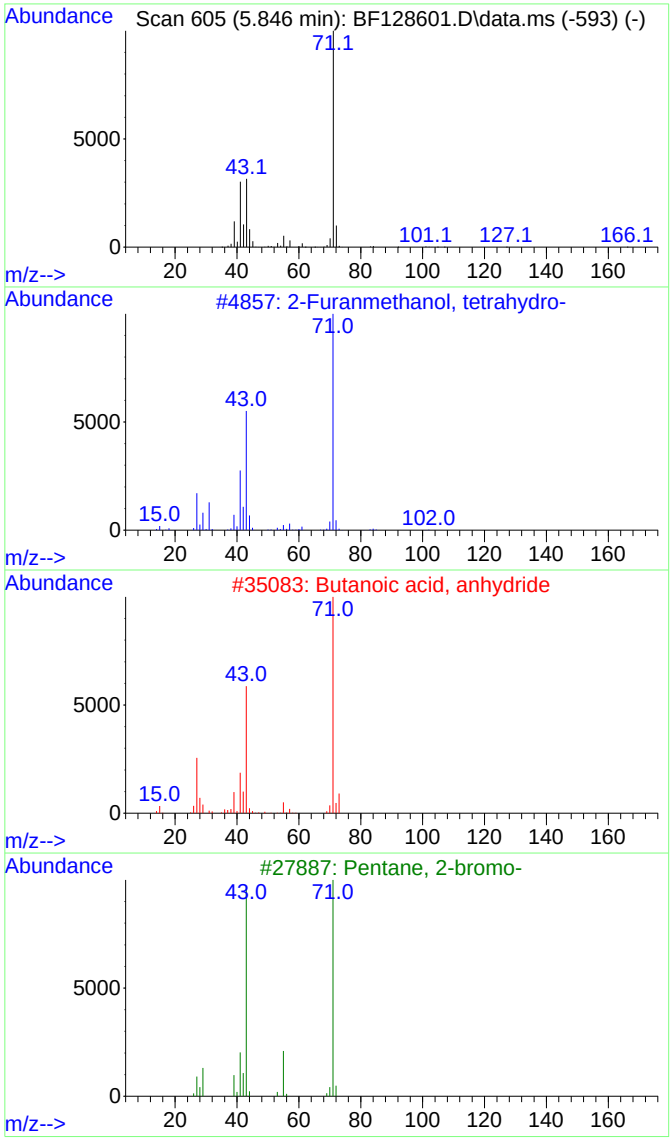
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

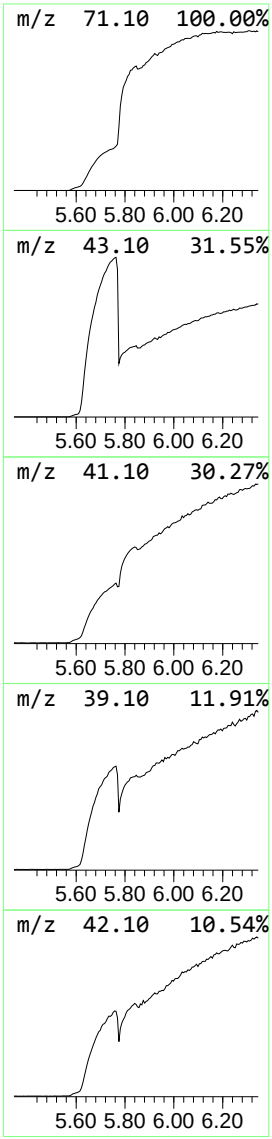
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Furanmethanol, tetrahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.846	109.53 ng	10640300	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanol, tetrahydro-	102	C5H10O2	000097-99-4	72
2	Butanoic acid, anhydride	158	C8H14O3	000106-31-0	56
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	40
4	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	40
5	Oxirane, 3-hydroxypropyl-	102	C5H10O2	021915-56-0	39





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

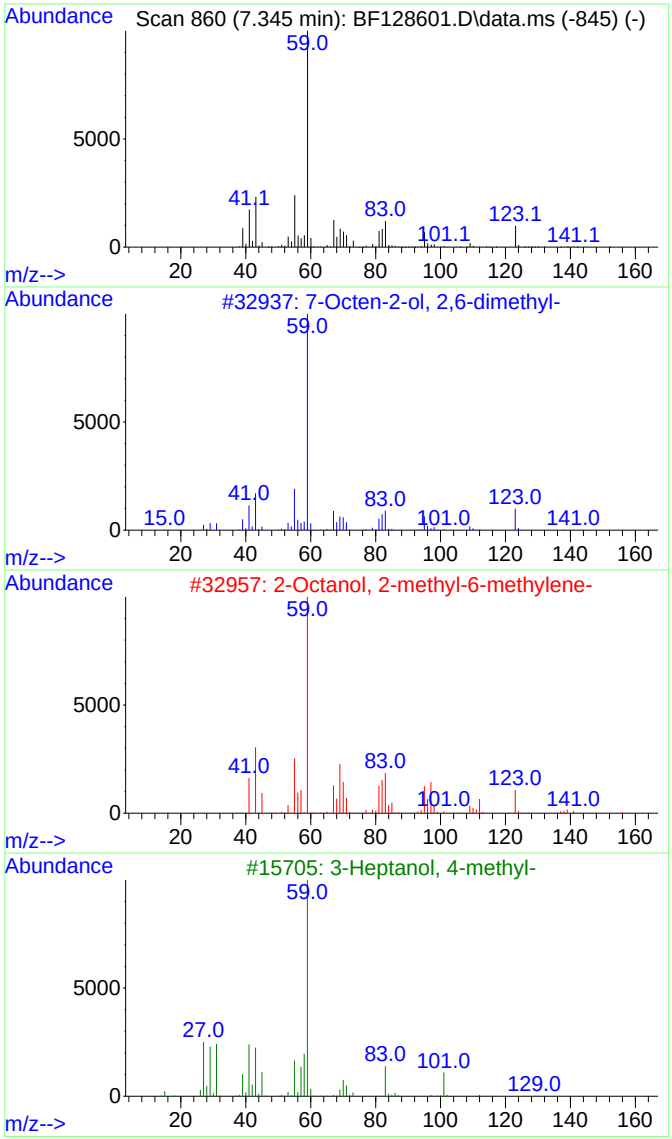
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

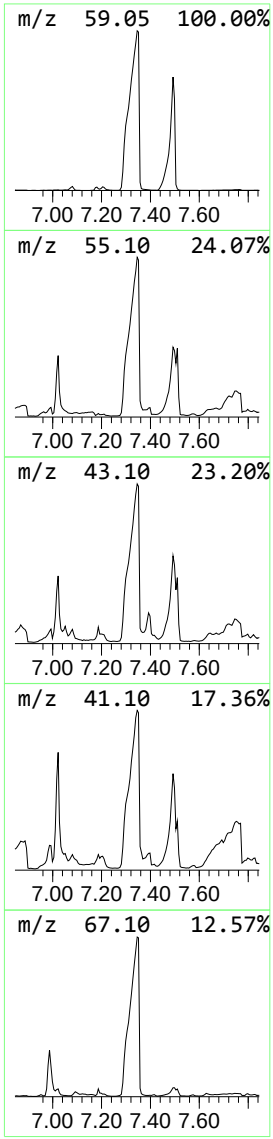
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.345	284.94 ng	27680900	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	90
2	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	78
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	53
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	50
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
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Acq On : 31 May 2022 18:25
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Instrument :
BNA_F
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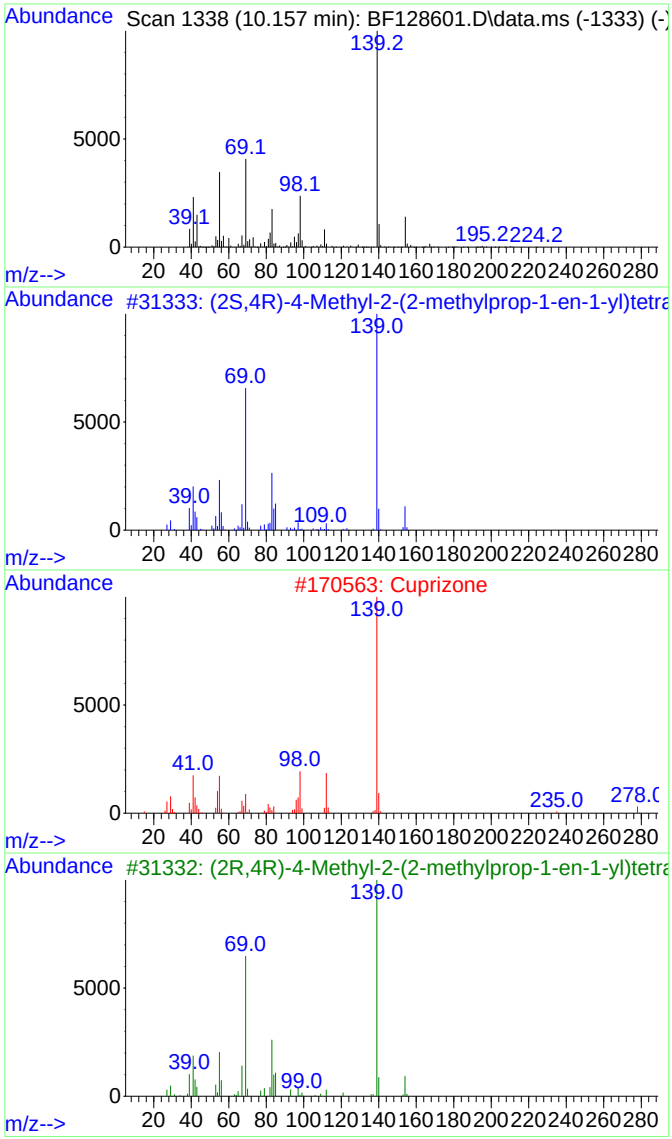
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

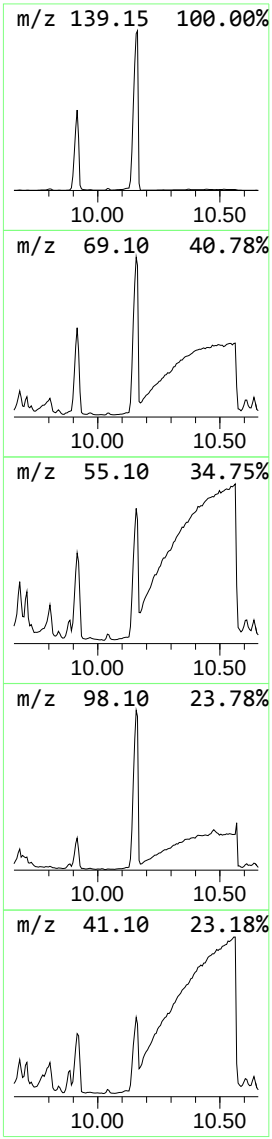
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (2S,4R)-4-Methyl-2-(2-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	82.48 ng	13013700	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2S,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	003033-23-6	59
2	Cuprizone	278	C14H22N4O2	000370-81-0	59
3	(2R,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	005258-11-7	59
4	trans-Rose oxide	154	C10H18O	000876-18-6	53
5	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
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Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

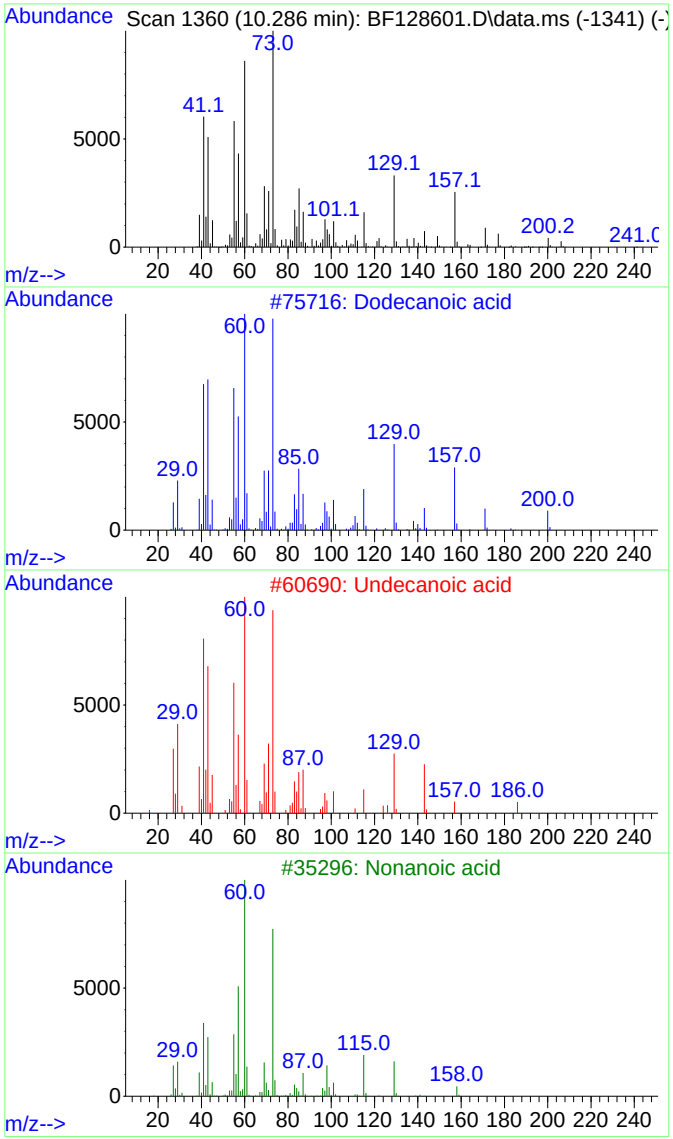
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

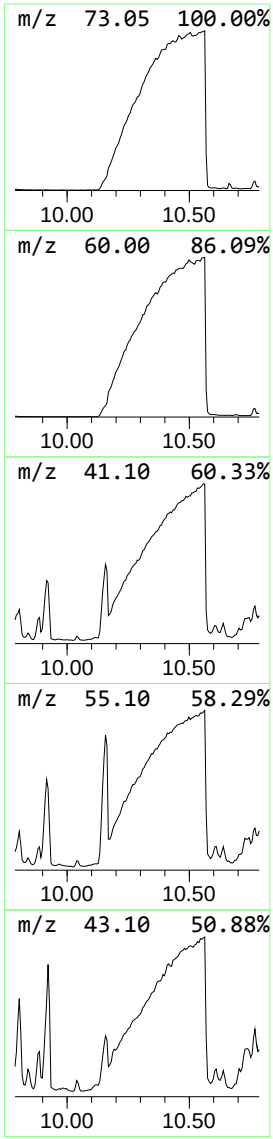
****

Peak Number 5 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	139.08 ng	21944700	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	58
4	Octanoic acid	144	C8H16O2	000124-07-2	46
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

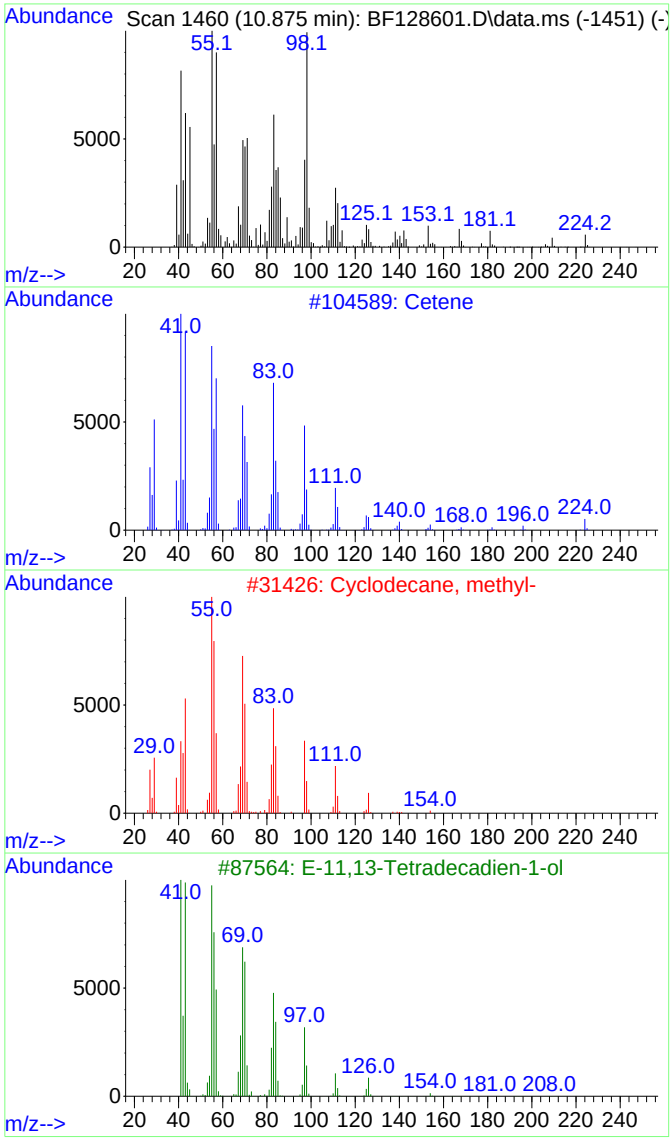
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

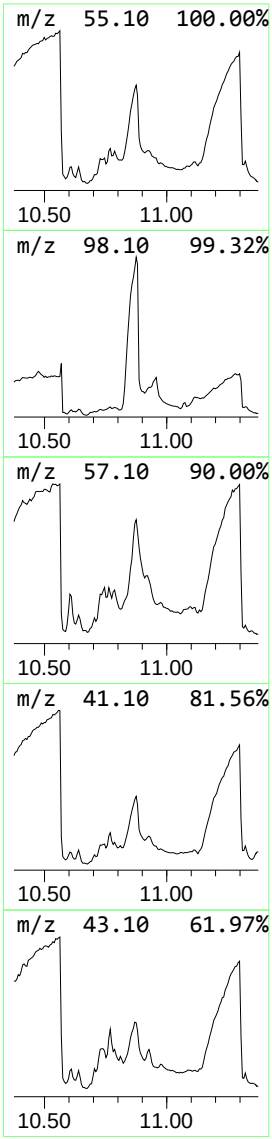
****

Peak Number 6 Cetene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	127.65 ng	14856000	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	90
2	Cyclodecane, methyl-	154	C11H22	013151-43-4	64
3	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	64
4	Trichloroacetic acid, decyl ester	302	C12H21Cl3O2	065611-33-8	62
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	55





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Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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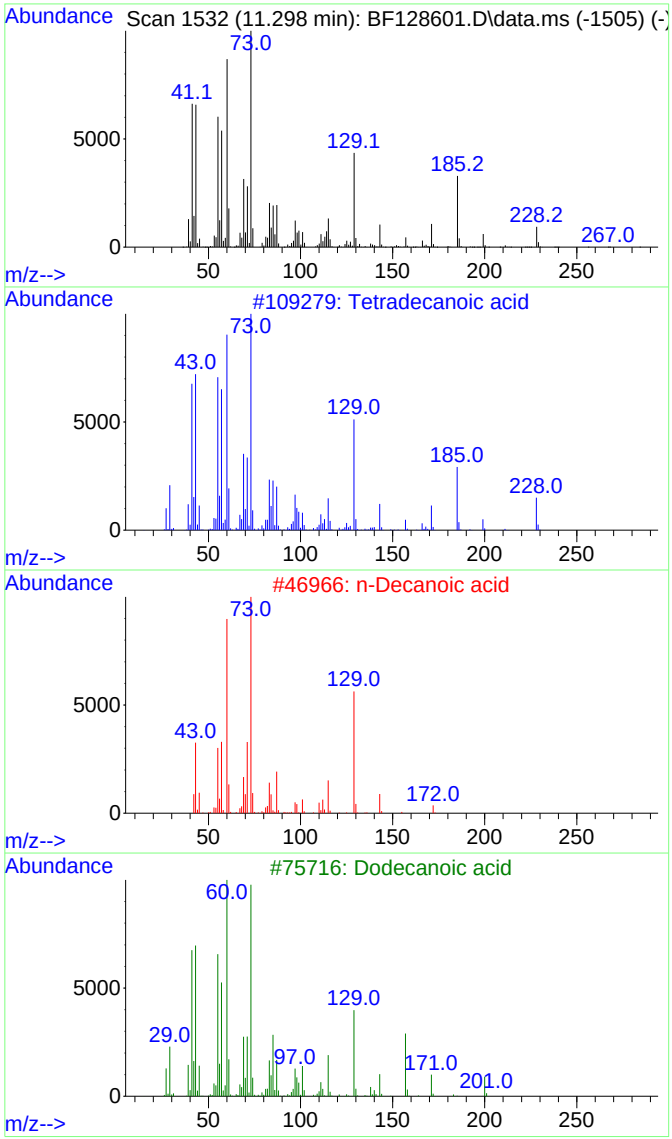
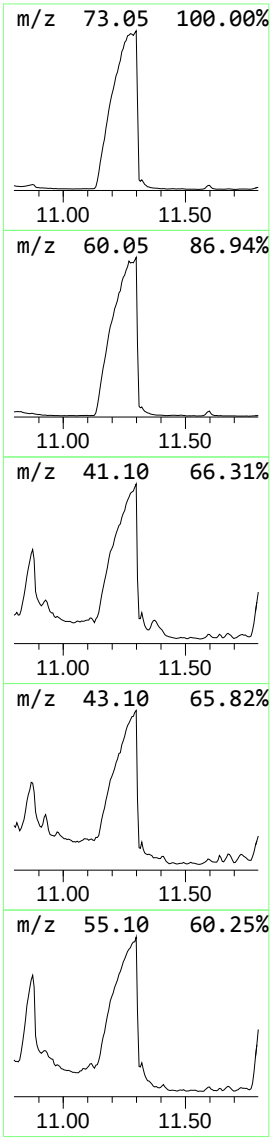
Peak Number 7 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	571.75 ng	66538100	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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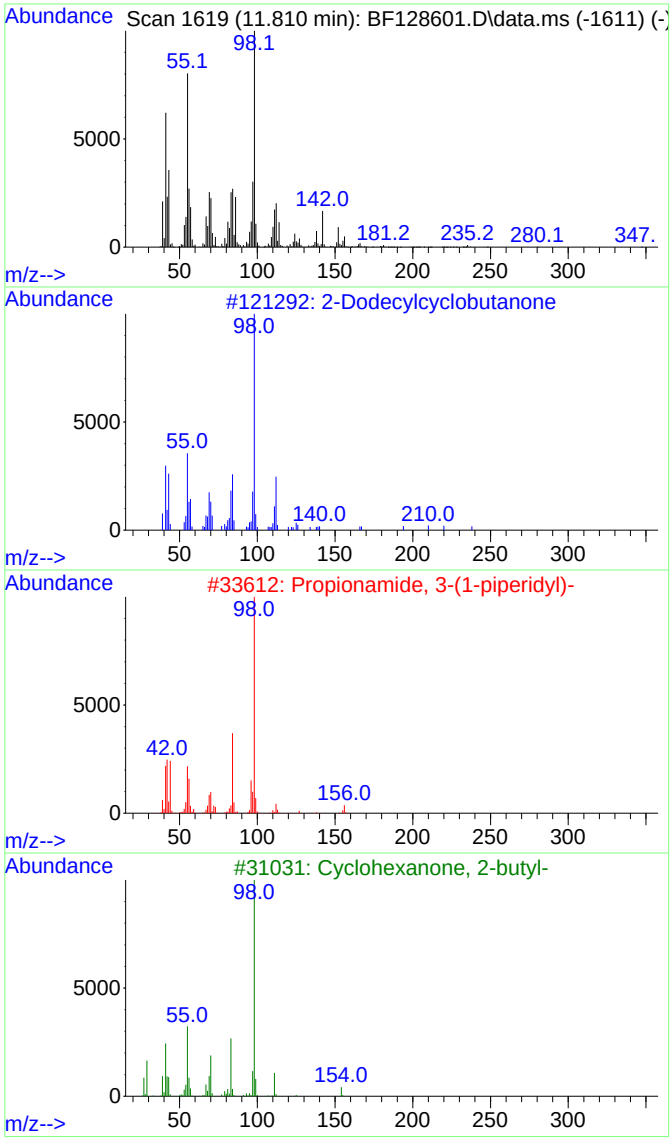
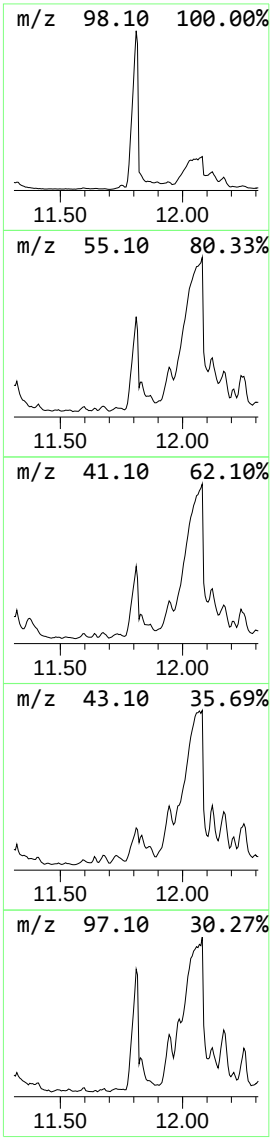
Peak Number 8 2-Dodecylcyclobutanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	71.93 ng	8370450	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecylcyclobutanone	238	C16H30O	035493-46-0	50
2	Propionamide, 3-(1-piperidyl)-	156	C8H16N2O	004269-30-1	46
3	Cyclohexanone, 2-butyl-	154	C10H18O	001126-18-7	38
4	Cyclononanone	140	C9H16O	003350-30-9	35
5	2-Sec-Butylcyclohexanone	154	C10H18O	014765-30-1	35





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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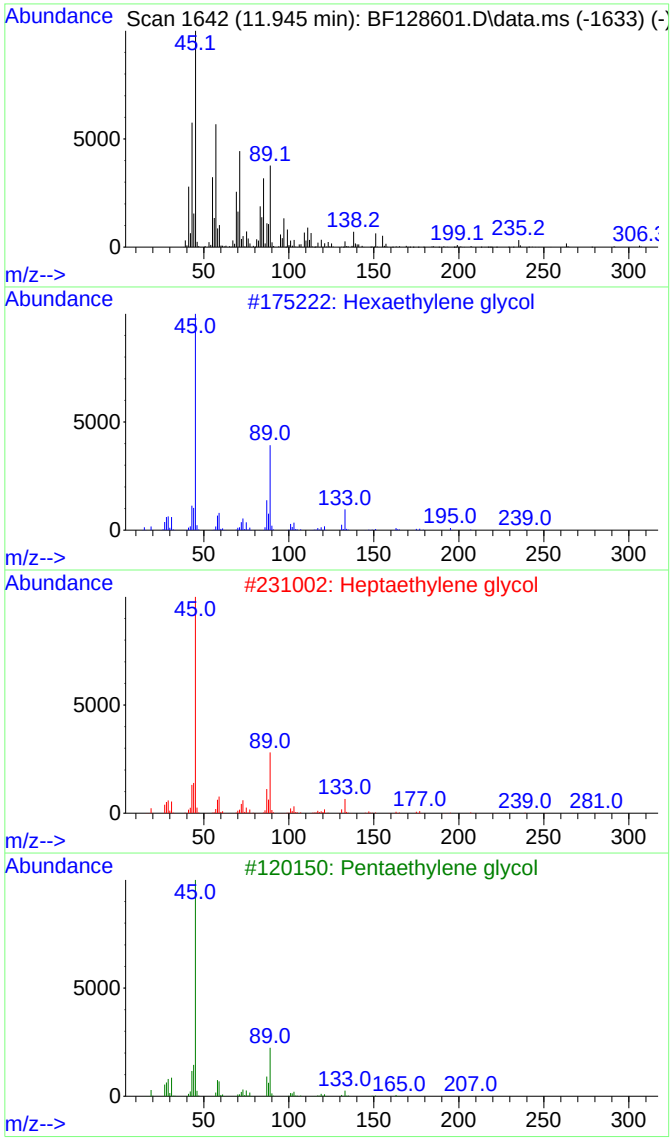
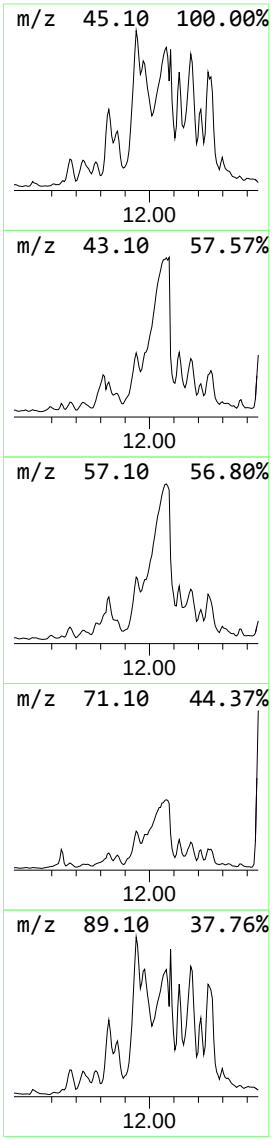
Peak Number 9 unknown11.945 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	67.02 ng	7799400	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	49
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	49
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	49
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	46
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	30





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_F
ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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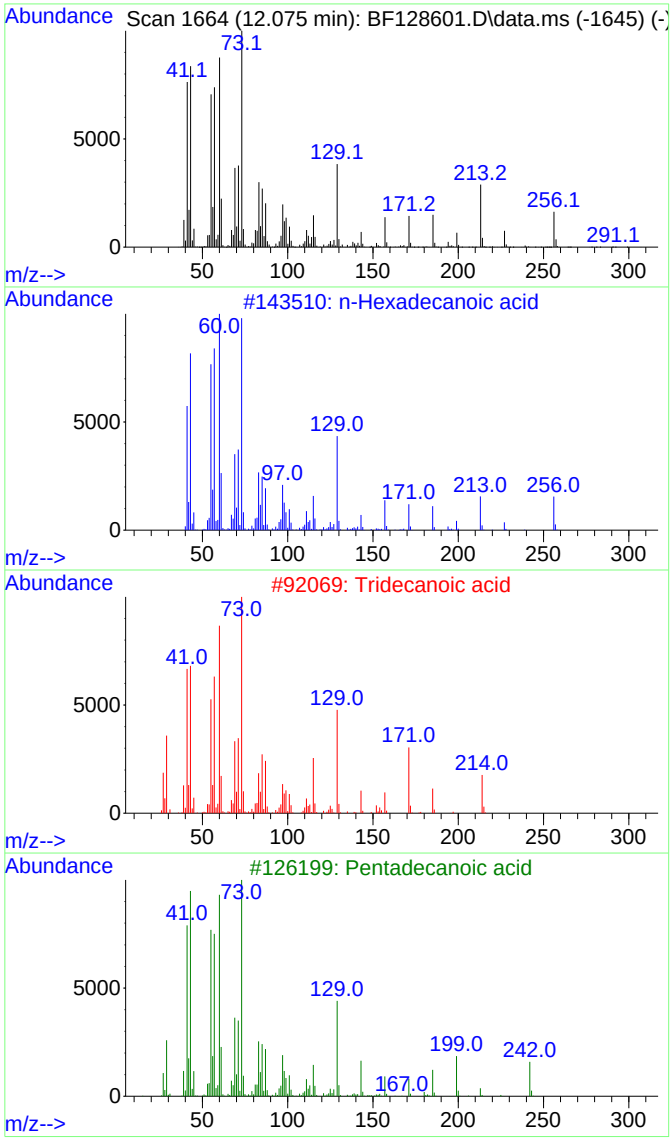
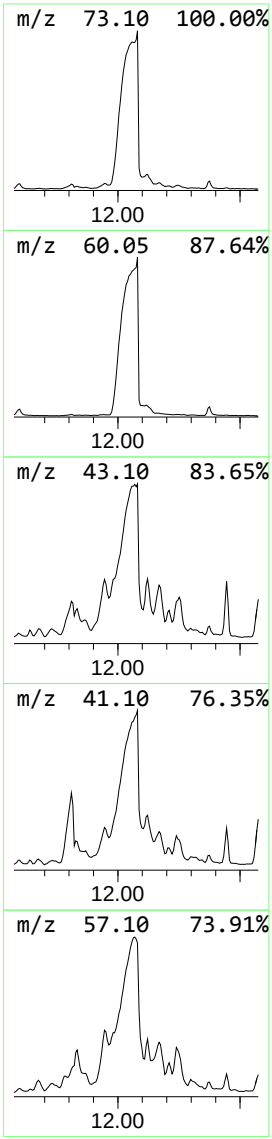
Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	530.63 ng	61752600	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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Misc :
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BNA_F
ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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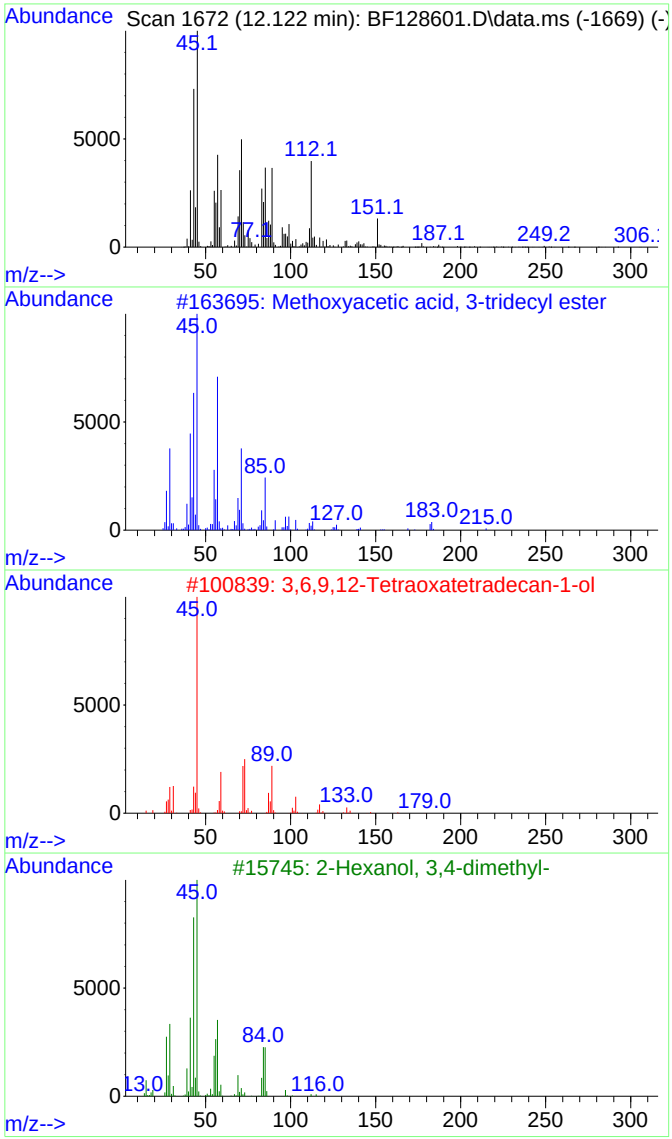
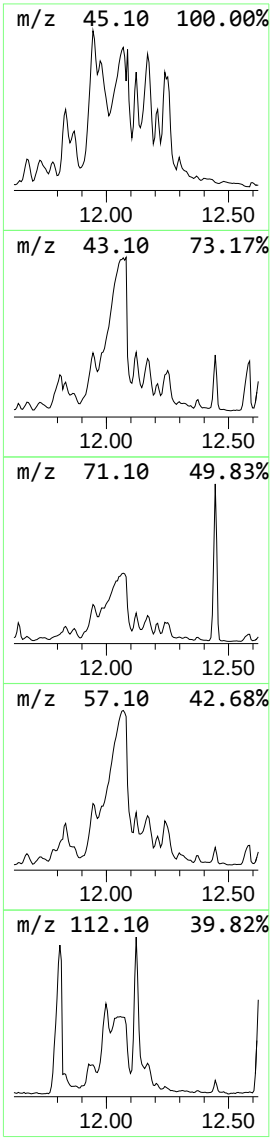
Peak Number 11 unknown12.122 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	63.95 ng	7441820	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 3-tridecyl e...	272	C16H32O3	1000282-04-6	43
2	3,6,9,12-Tetraoxatetradecan-1-ol	222	C10H22O5	005650-20-4	35
3	2-Hexanol, 3,4-dimethyl-	130	C8H18O	019550-05-1	35
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	35
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	27





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Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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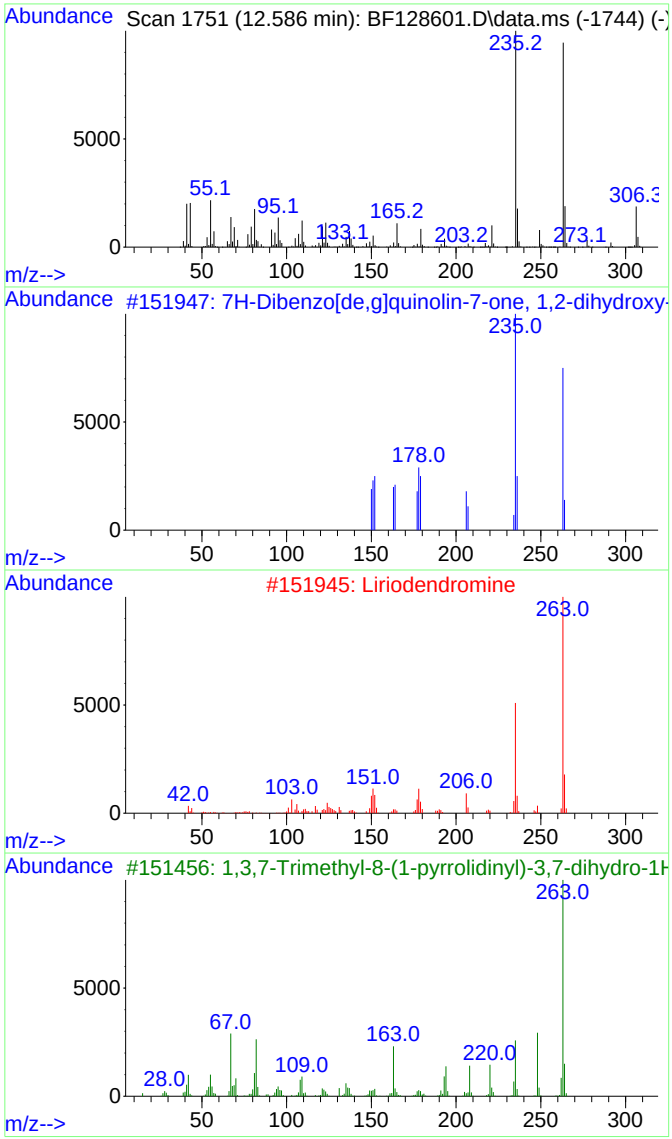
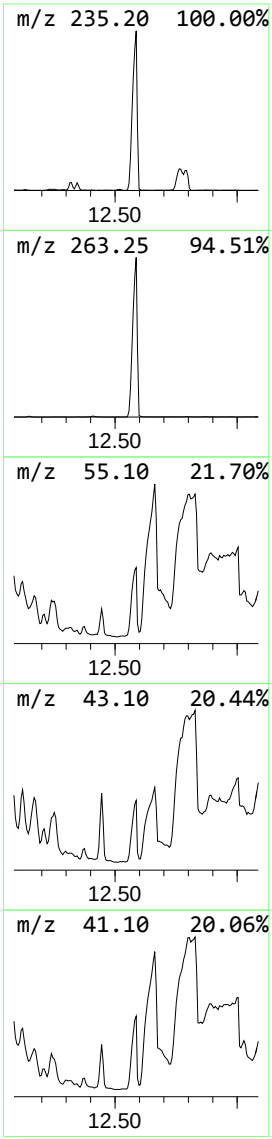
Peak Number 12 7H-Dibenzo[de,g]quinolin-7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	110.23 ng	12828100	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Dibenzo[de,g]quinolin-7-one, ...	263	C16H9NO3	065400-36-4	64
2	Liriodendromine	263	C16H9NO3	1000128-51-0	45
3	1,3,7-Trimethyl-8-(1-pyrrolidiny...	263	C12H17N5O2	009003-29-6	32
4	4-Methyl-5-(p-nitrophenyl)-2-thi...	235	C10H9N3O2S	090946-48-8	27
5	Brallobarbitone-permethylated	314	C12H15BrN2O3	1000298-59-7	27





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Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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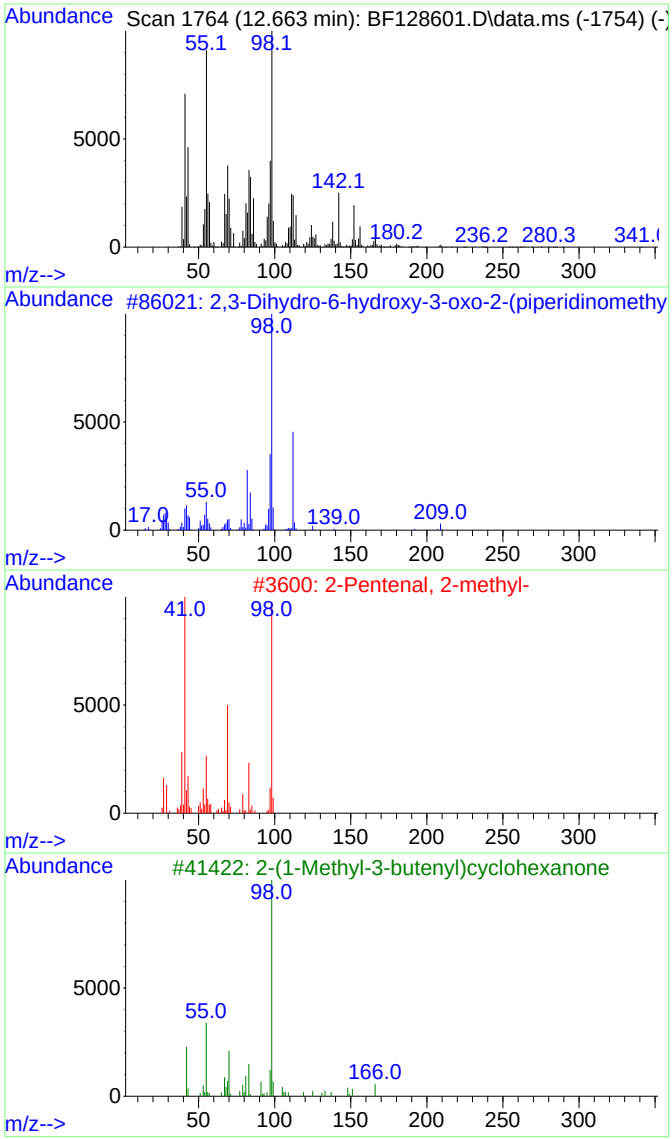
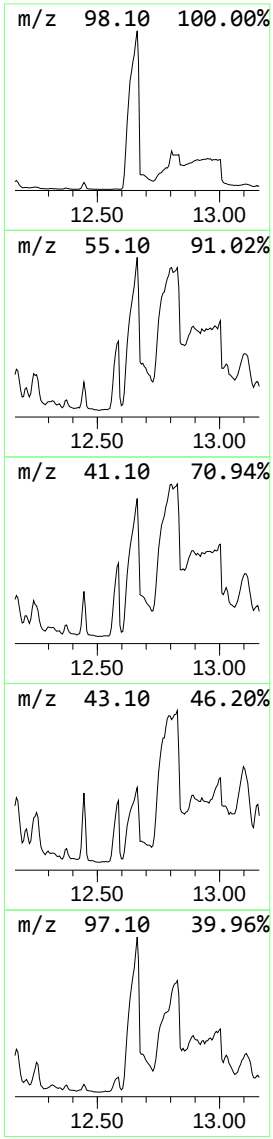
Peak Number 13 unknown12.663 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	173.55 ng	20197400	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-6-hydroxy-3-oxo-2-(p...	209	C10H15N3O2	014628-38-7	38
2	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	25
3	2-(1-Methyl-3-butenyl)cyclohexanone	166	C11H18O	1000424-67-7	25
4	3H-Pyrazol-3-one, 1,2-dihydro-5-...	98	C4H6N2O	004344-87-0	22
5	2-tert-Butylcyclohexanone	154	C10H18O	001728-46-7	22





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ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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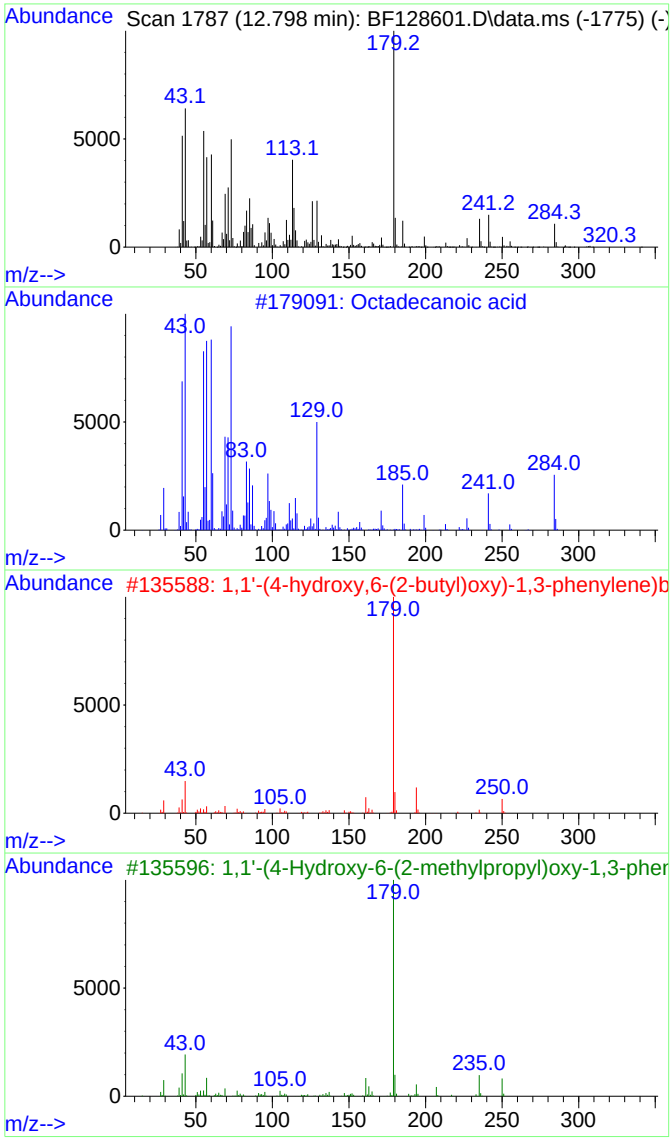
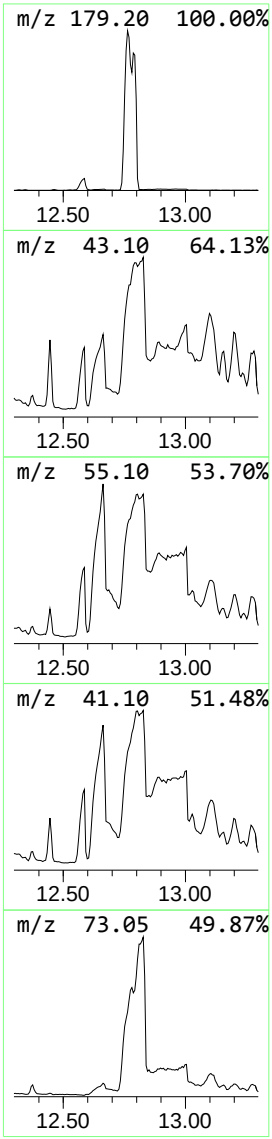
Peak Number 14 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	381.18 ng	35532700	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	1,1'-(4-hydroxy,6-(2-butyl)oxy)-...	250	C14H18O4	1000454-72-2	25
3	1,1'-(4-Hydroxy-6-(2-methylpropy...	250	C14H18O4	1010454-72-7	22
4	Anthracene, 9,10-dihydro-9-(.alp...	284	C22H20	095166-74-8	22
5	N-(2-Chlorophenyl)-N'-ethylthiourea	214	C9H11ClN2S	019384-08-8	16





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WATER-DRUM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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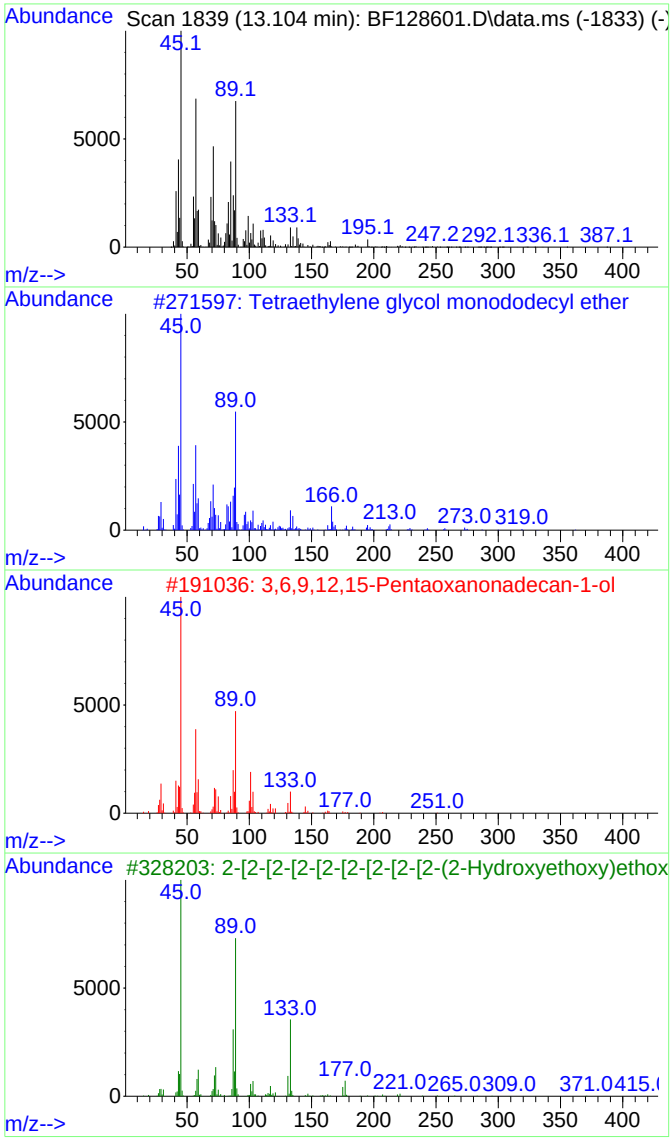
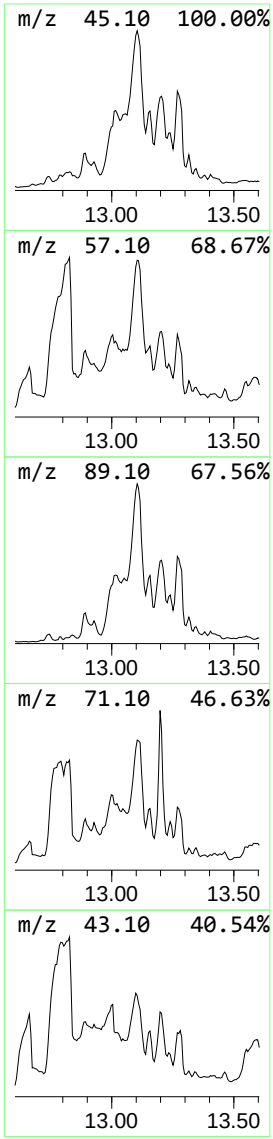
Peak Number 15 Tetraethylene glycol monodo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	125.67 ng	11714900	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	50
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	50
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	005579-66-8	49
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	49
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	49





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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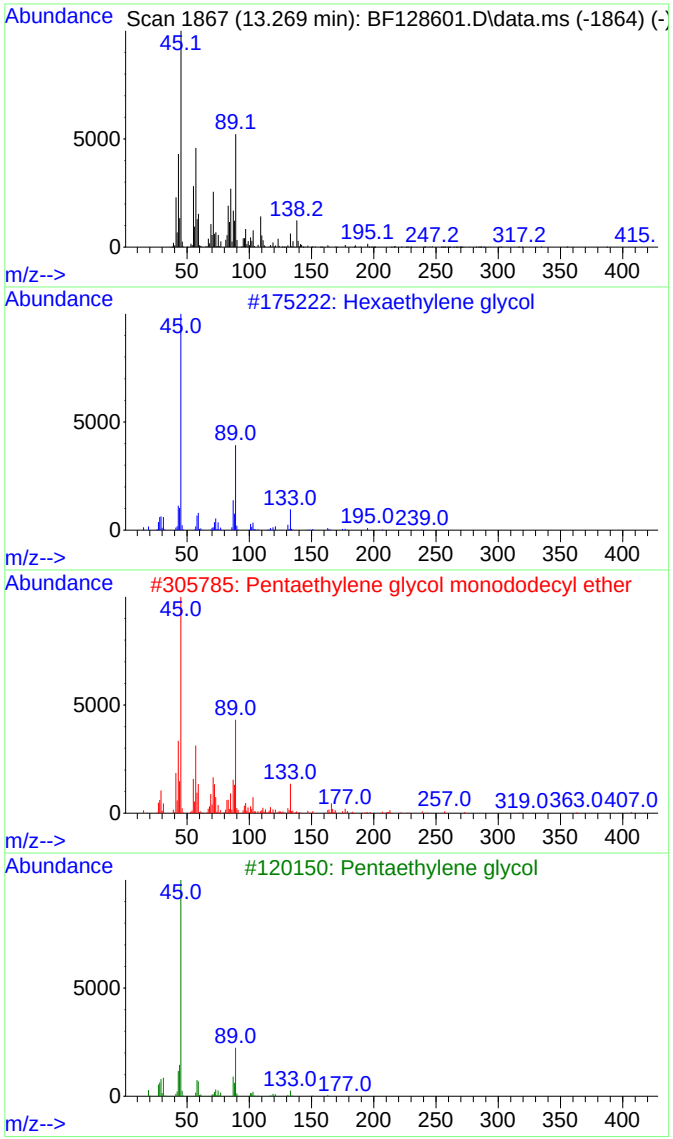
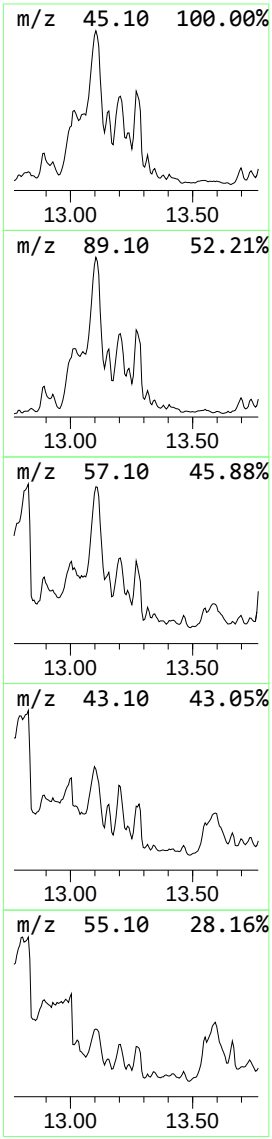
Peak Number 16 Hexaethylene glycol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	58.96 ng	5496460	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
2	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	50
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	49
4	Triethylene glycol	150	C6H14O4	000112-27-6	47
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	47





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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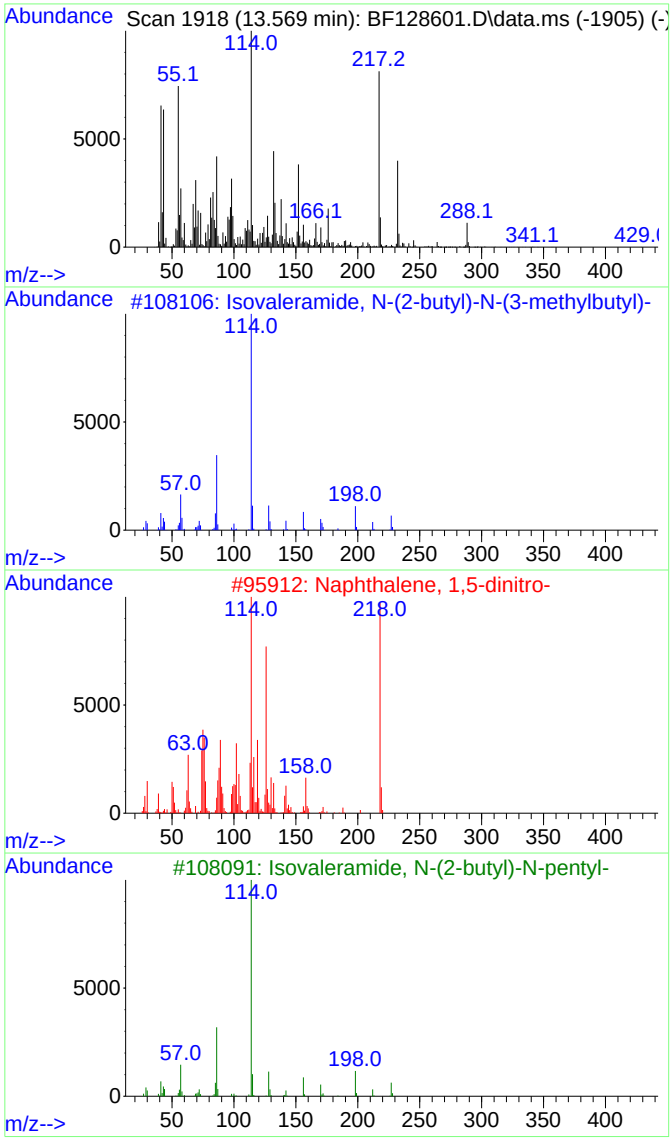
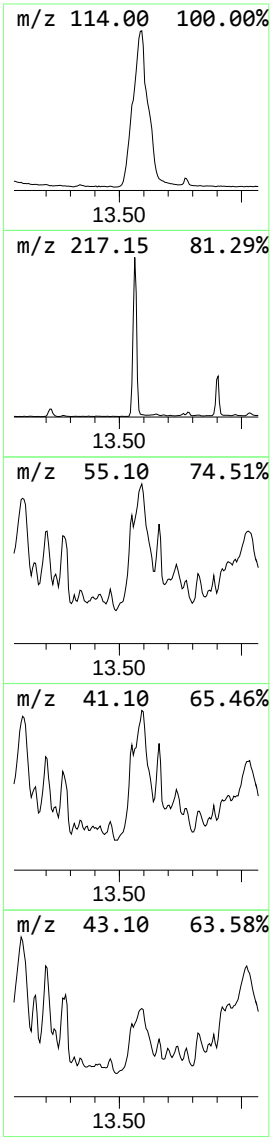
Peak Number 17 unknown13.569 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	96.69 ng	9013200	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isovaleramide, N-(2-butyl)-N-(3-...	227	C14H29NO	1000490-42-0	30
2	Naphthalene, 1,5-dinitro-	218	C10H6N2O4	000605-71-0	25
3	Isovaleramide, N-(2-butyl)-N-pen...	227	C14H29NO	1000490-42-1	25
4	4-(4-tert-Butylphenyl)-1,3-thiaz...	232	C13H16N2S	081529-61-5	18
5	5-(3-Ethoxy-4,5-dihydro-isoxazol...	227	C9H13N3O4	1000185-24-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

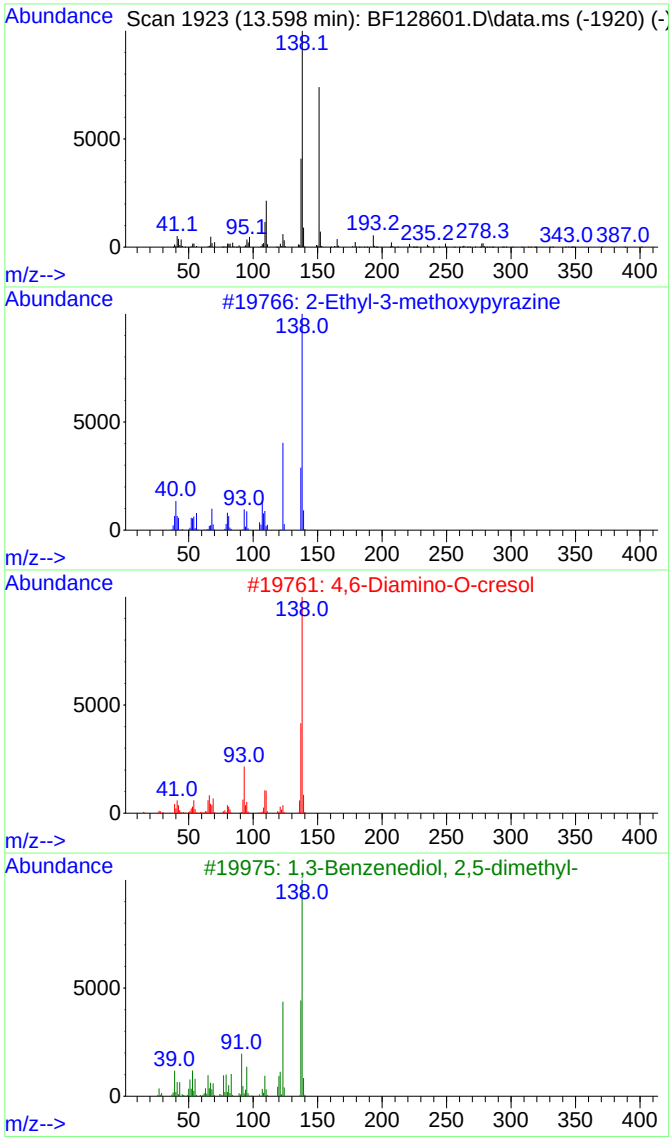
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

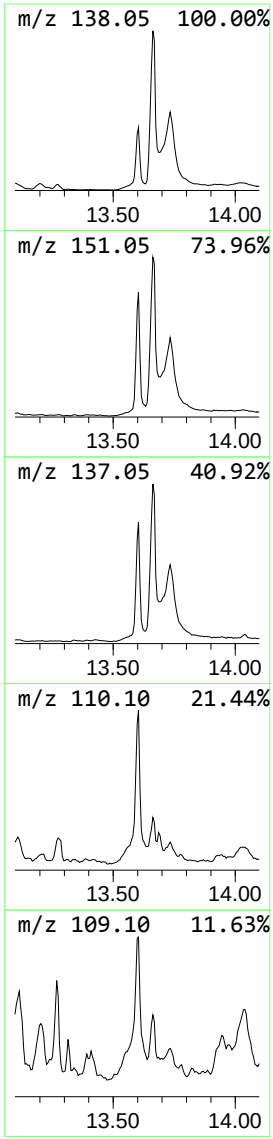
****

Peak Number 18 unknown13.598 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.598	88.27 ng	8228270	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-3-methoxypyrazine	138	C7H10N2O	025680-58-4	43
2	4,6-Diamino-O-cresol	138	C7H10N2O	1000239-67-5	43
3	1,3-Benzenediol, 2,5-dimethyl-	138	C8H10O2	000488-87-9	38
4	1,4-Benzenediol, 2,6-dimethyl-	138	C8H10O2	000654-42-2	38
5	1,3-Benzenediol, 4,5-dimethyl-	138	C8H10O2	000527-55-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

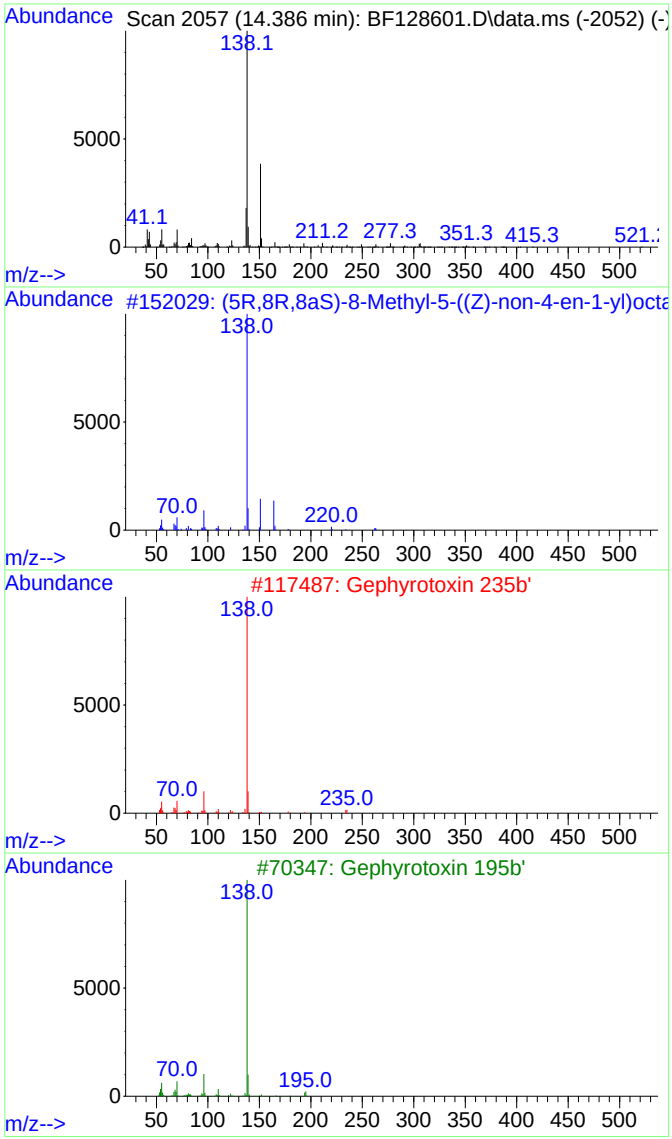
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

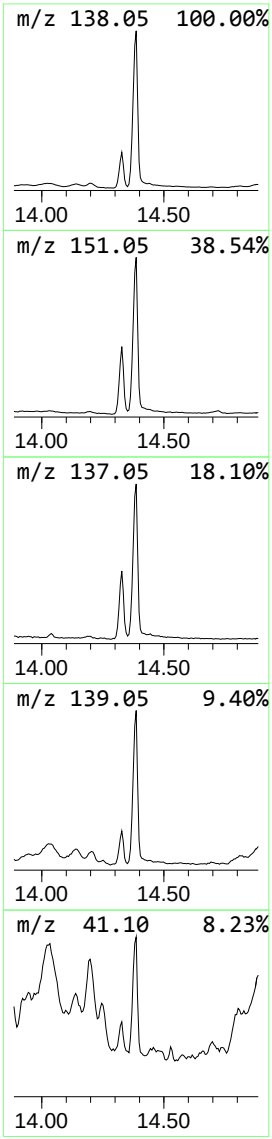
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (5R,8R,8aS)-8-Methyl-5-((Z)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	72.48 ng	6756430	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5R,8R,8aS)-8-Methyl-5-((Z)-non-...	263	C18H33N	1000367-14-0	50
2	Gephyrotoxin 235b'	235	C16H29N	120030-10-6	49
3	Gephyrotoxin 195b'	195	C13H25N	1000116-01-4	43
4	7-((5R,8R,8aS)-8-Methyloctahydro...	253	C16H31NO	1000367-28-5	43
5	N-(tert-Butyl)-1-cyclopropyl-2-m...	238	C13H22N2O2	1000458-30-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

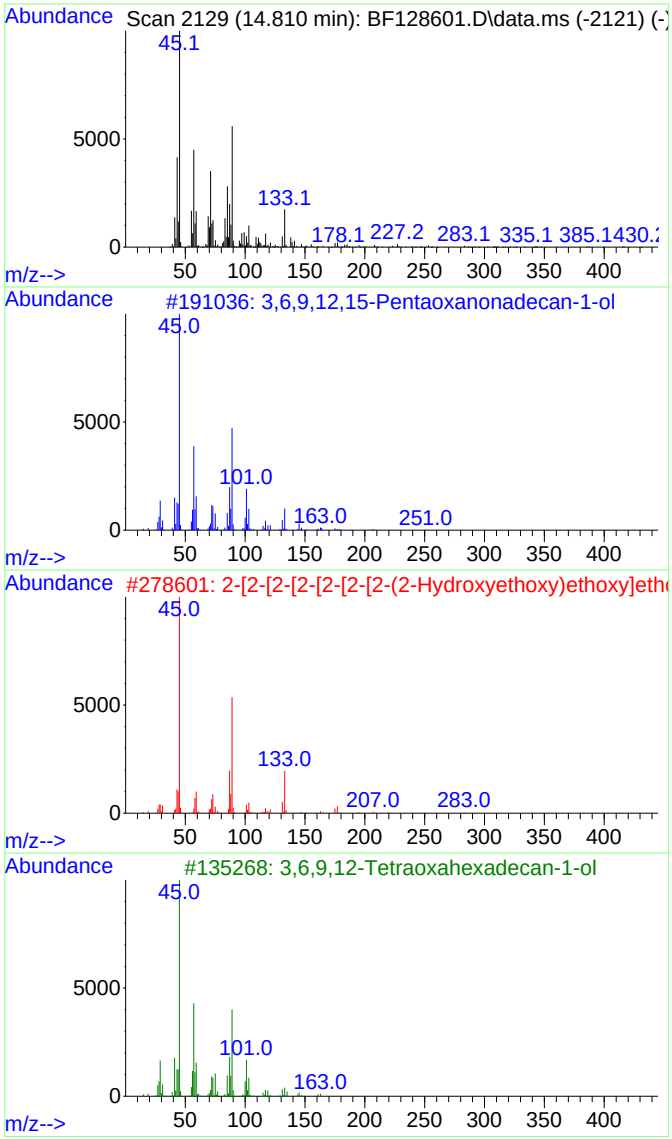
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

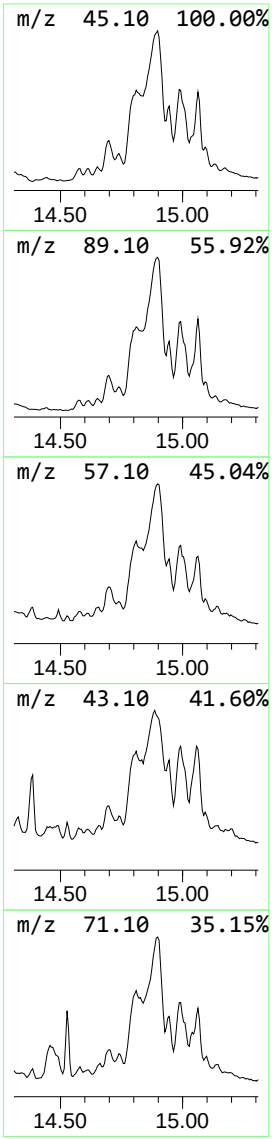
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	73.71 ng	8742200	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	81
3	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	80
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	003386-18-3	74
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	006809-70-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128601.D
Acq On : 31 May 2022 18:25
Operator : CG\JU
Sample : N3068-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-DRUM

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Heptanone	5.763	807.9	ng	78480100	1	6.898	1942930	20.0
2-Furanmethanol...	5.846	109.5	ng	10640300	1	6.898	1942930	20.0
7-Octen-2-ol, 2...	7.345	284.9	ng	27680900	1	6.898	1942930	20.0
(2S,4R)-4-Methy...	10.157	82.5	ng	13013700	3	9.886	3155600	20.0
Dodecanoic acid	10.286	139.1	ng	21944700	3	9.886	3155600	20.0
Cetene	10.875	127.7	ng	14856000	4	11.386	2327540	20.0
Tetradecanoic acid	11.298	571.8	ng	66538100	4	11.386	2327540	20.0
2-Dodecylcyclob...	11.810	71.9	ng	8370450	4	11.386	2327540	20.0
unknown11.945	11.945	67.0	ng	7799400	4	11.386	2327540	20.0
n-Hexadecanoic ...	12.075	530.6	ng	61752600	4	11.386	2327540	20.0
unknown12.122	12.122	64.0	ng	7441820	4	11.386	2327540	20.0
7H-Dibenzo[de,g...	12.586	110.2	ng	12828100	4	11.386	2327540	20.0
unknown12.663	12.663	173.6	ng	20197400	4	11.386	2327540	20.0
Octadecanoic acid	12.798	381.2	ng	35532700	5	14.045	1864370	20.0
Tetraethylene g...	13.104	125.7	ng	11714900	5	14.045	1864370	20.0
Hexaethylene gl...	13.269	59.0	ng	5496460	5	14.045	1864370	20.0
unknown13.569	13.569	96.7	ng	9013200	5	14.045	1864370	20.0
unknown13.598	13.598	88.3	ng	8228270	5	14.045	1864370	20.0
(5R,8R,8aS)-8-M...	14.386	72.5	ng	6756430	5	14.045	1864370	20.0
3,6,9,12,15-Pen...	14.810	73.7	ng	8742200	6	15.527	2372190	20.0