LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138406.D
Acq On : 01 Jul 2024 16:35
Operator : CG\JU
Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

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-BF062824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138406.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	16	rVB	443124	551725	22.18%	0.869%
2	5.492	575	579	591	rVB	614926	531409	21.36%	0.837%
3	6.504	747	751	755	rBV	664044	536023	21.55%	0.844%
4	6.875	810	814	817	rVB	1256361	1076958	43.30%	1.695%
5	7.392	899	902	905	rBV	151687	138822	5.58%	0.219%
6	7.428	905	908	912	rVB	413116	361791	14.55%	0.570%
7	7.586	930	935	937	rBV	117592	111132	4.47%	0.175%
8	7.669	945	949	953	rVB	58068	71769	2.89%	0.113%
9	7.957	994	998	1001	rVB	209550	179655	7.22%	0.283%
10	7.998	1002	1005	1010	rBV	106612	115253	4.63%	0.181%
11	8.151	1025	1031	1034	rBV	1555187	1418685	57.04%	2.233%
12	8.192	1036	1038	1042	rVV3	75591	92413	3.72%	0.145%
13	8.239	1042	1046	1050	rVB3	112025	124971	5.02%	0.197%
14	8.527	1092	1095	1098	rBV3	69374	86520	3.48%	0.136%
15	8.580	1098	1104	1108	rBV3	116208	214956	8.64%	0.338%
16	8.663	1115	1118	1121	rBV	512567	481628	19.36%	0.758%
17	8.827	1142	1146	1150	rBV2	241105	321555	12.93%	0.506%
18	8.863	1150	1152	1154	rBV	193208	157923	6.35%	0.249%
19	8.904	1154	1159	1161	rBV2	168926	229248	9.22%	0.361%
20	8.963	1164	1169	1171	rBV4	132500	221774	8.92%	0.349%
21	8.998	1171	1175	1179	rBV3	120714	243943	9.81%	0.384%
22	9.080	1185	1189	1190	rBV2	263730	348347	14.00%	0.548%
23	9.098	1190	1192	1194	rVV	397267	382221	15.37%	0.602%
24	9.122	1194	1196	1201	rVV	998675	1107903	44.54%	1.744%
25	9.169	1201	1204	1207	rVV	831984	975449	39.22%	1.536%
26	9.198	1207	1209	1211	rVB	854700	644519	25.91%	1.015%
27	9.227	1211	1214	1218	rBV2	1014148	1032415	41.51%	1.625%
28	9.269	1218	1221	1223	rBV2	597741	530281	21.32%	0.835%
29	9.304	1223	1227	1231	rVV3	444247	754979	30.35%	1.188%
30	9.375	1237	1239	1244	rBV3	375939	416615	16.75%	0.656%
31	9.422	1244	1247	1250	rVB	1978654	2097168	84.31%	3.301%
32	9.469	1250	1255	1257	rBV2	727532	887957	35.70%	1.398%
33	9.498	1257	1260	1262	rVB2	447316	457942	18.41%	0.721%
34	9.545	1265	1268	1269	rBV	535764	510483	20.52%	0.804%
35	9.569	1269	1272	1274	rVV	474611	567195	22.80%	0.893%
36	9.627	1278	1282	1284	rBV3	645115	719975	28.95%	1.133%

LSC Area Percent Report

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Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

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-BF062824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.774	1304	1307	1310	rBV3	671657	857265	34.47%	1.349%
38	9.822	1312	1315	1317	rVB	723091	693893	27.90%	1.092%
39	9.874	1321	1324	1326	rVV	2092906	1823638	73.32%	2.871%
40	9.910	1328	1330	1333	rVB2	1870756	1667515	67.04%	2.625%
41	10.098	1360	1362	1364	rBV2	499120	402376	16.18%	0.633%
42	10.322	1398	1400	1402	rBV2	680662	571869	22.99%	0.900%
43	10.392	1409	1412	1418	rVB	1579342	1558324	62.65%	2.453%
44	10.798	1479	1481	1483	rVB	1287635	947527	38.09%	1.492%
45	11.057	1523	1525	1529	rVB	2574292	2127989	85.55%	3.350%
46	11.298	1564	1566	1571	rVB	1259868	1164553	46.82%	1.833%
47	11.445	1589	1591	1595	rVB	1872219	1477800	59.41%	2.326%
48	12.221	1721	1723	1727	rVB	1105370	1005727	40.43%	1.583%
49	12.433	1756	1759	1763	rVB	1374884	1531935	61.59%	2.412%
50	12.615	1788	1790	1793	rVB	1250907	973305	39.13%	1.532%
51	12.774	1814	1817	1821	rVB	1354973	1270612	51.08%	2.000%
52	12.845	1826	1829	1836	rVB	1617193	1709143	68.71%	2.690%
53	13.121	1874	1876	1879	rBV	790675	672496	27.04%	1.059%
54	13.451	1929	1932	1936	rVB	1060254	1050815	42.25%	1.654%
55	13.586	1953	1955	1958	rVV	396797	334746	13.46%	0.527%
56	13.621	1958	1961	1964	rVV	1197187	1075646	43.25%	1.693%
57	13.668	1966	1969	1974	rVB2	672196	756228	30.40%	1.190%
58	13.810	1991	1993	1995	rVB	405638	286795	11.53%	0.451%
59	13.933	2011	2014	2019	rVB2	1290221	1303623	52.41%	2.052%
60	13.980	2019	2022	2026	rVV	562959	671574	27.00%	1.057%
61	14.027	2026	2030	2034	rVV2	1410645	2487312	100.00%	3.915%
62	14.057	2034	2035	2041	rVB	1226934	1135193	45.64%	1.787%
63	14.239	2063	2066	2070	rVB2	853523	796915	32.04%	1.254%
64	14.368	2086	2088	2091	rVB2	275344	241344	9.70%	0.380%
65	14.415	2094	2096	2099	rVB	332543	260522	10.47%	0.410%
66	14.533	2113	2116	2119	rVB2	837254	724475	29.13%	1.140%
67	14.686	2140	2142	2145	rVB	924845	820329	32.98%	1.291%
68	14.721	2145	2148	2149	rBV2	281534	317916	12.78%	0.500%
69	15.009	2194	2197	2201	rBV	858816	904518	36.37%	1.424%
70	15.068	2203	2207	2211	rBV2	1343141	2159125	86.81%	3.399%
71	15.174	2223	2225	2228	rVB	181923	163279	6.56%	0.257%
72	15.351	2252	2255	2257	rBV	513706	638272	25.66%	1.005%
73	15.374	2257	2259	2265	rVV	696992	767276	30.85%	1.208%
74	15.439	2266	2270	2274	rVV	730976	925817	37.22%	1.457%
75	15.498	2276	2280	2283	rVV	678100	850797	34.21%	1.339%
76	15.527	2283	2285	2291	rVB2	378872	477528	19.20%	0.752%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
VNJ-325

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-BF062824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.762	2321	2325	2330	rBV	413863	589017	23.68%	0.927%
78	15.980	2356	2362	2368	rVB2	489556	811356	32.62%	1.277%
79	16.480	2442	2447	2458	rBV	400430	860228	34.58%	1.354%
80	16.574	2459	2463	2478	rVB3	169813	472201	18.98%	0.743%
81	16.956	2523	2528	2534	rBV2	185627	374452	15.05%	0.589%
82	17.021	2534	2539	2547	rVB2	203484	419591	16.87%	0.661%
83	17.403	2599	2604	2613	rVB2	147798	320454	12.88%	0.504%
84	17.703	2649	2655	2666	rVB	164848	396827	15.95%	0.625%
85	18.062	2709	2716	2725	rVB2	232875	621007	24.97%	0.978%
86	18.933	2857	2864	2870	rBV2	127787	352970	14.19%	0.556%

Sum of corrected areas: 63525717

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Instrument :
BNA_F
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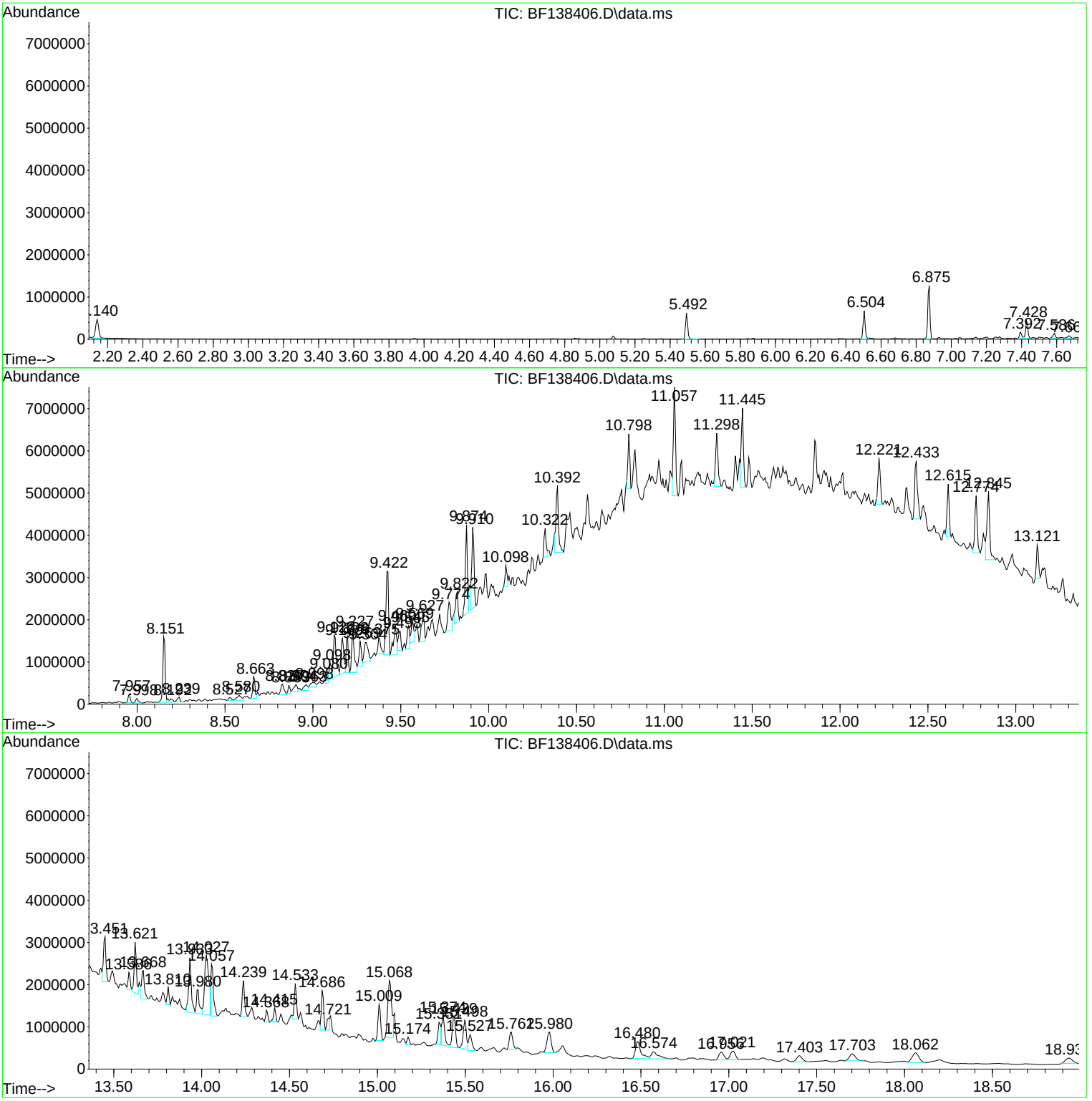
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138406.D
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Operator : CG\JU
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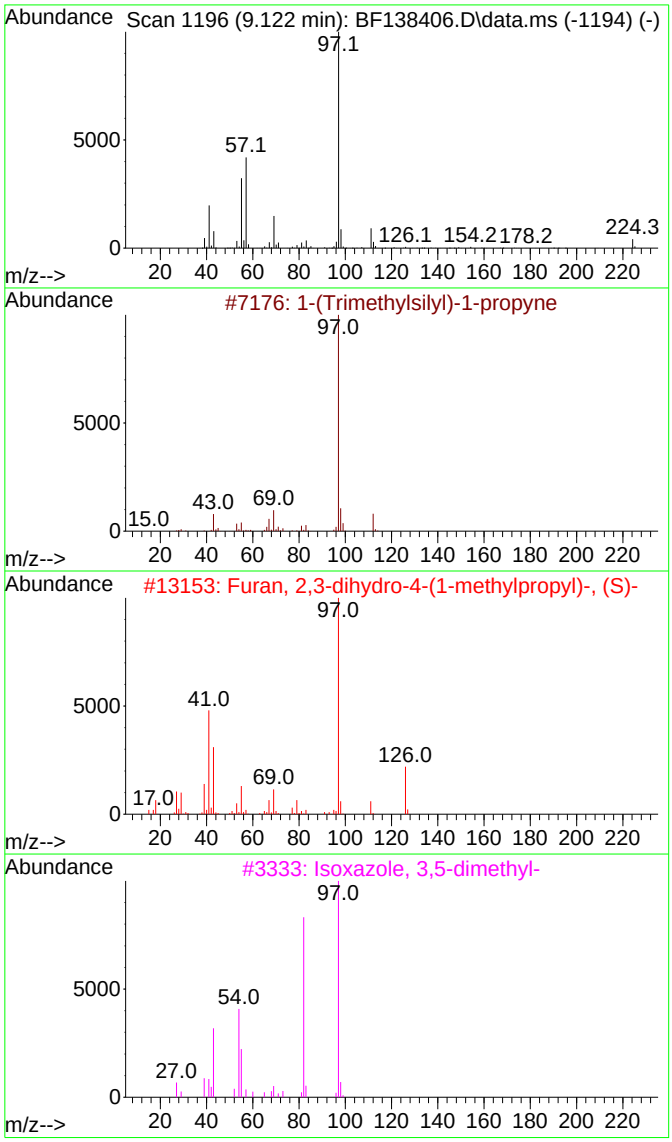
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

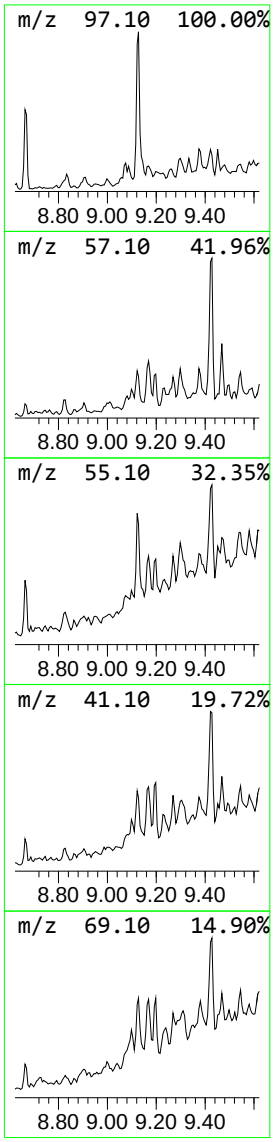
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-(Trimethylsilyl)-1-propyne Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.122	13.29 ng	1107900	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	59
2	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	50
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	45
4	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	45
5	Cis-1-methyl-3-n-nonylcyclohexane	224	C16H32	039762-39-5	38





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Data File : BF138406.D
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Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

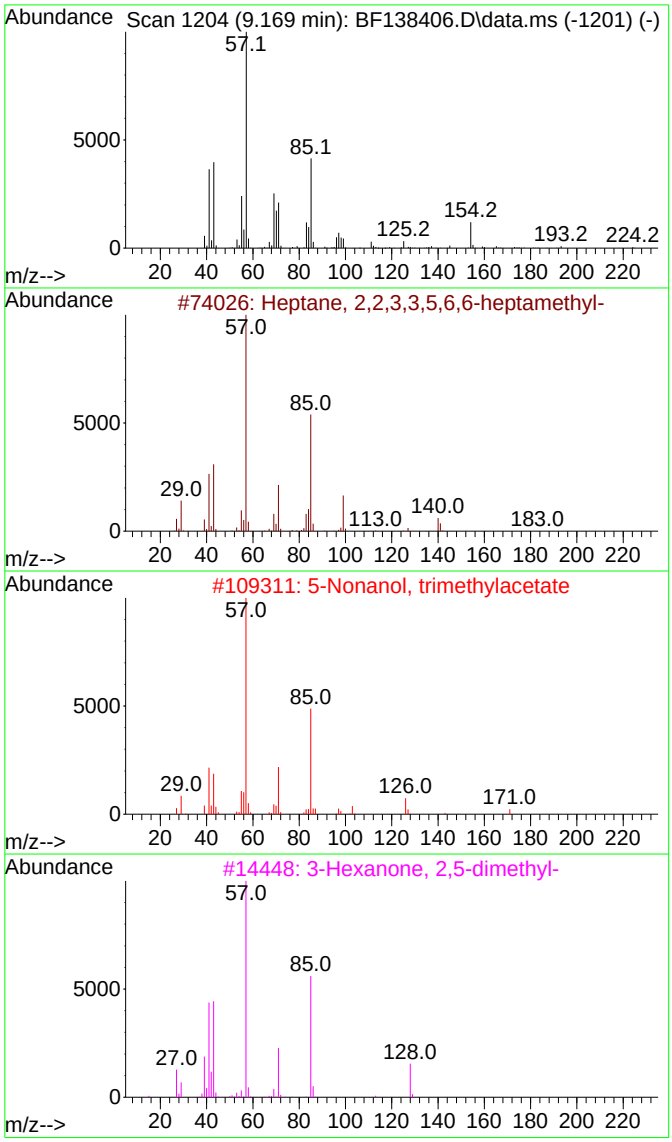
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

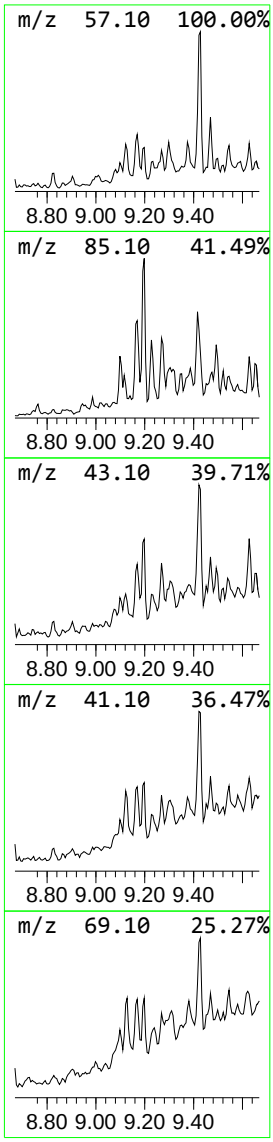
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 2,2,3,3,5,6,6-hept... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	11.70 ng	975449	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	59
2	5-Nonanol, trimethylacetate	228	C14H28O2	1000463-48-2	53
3	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	47
4	2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	43
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	38





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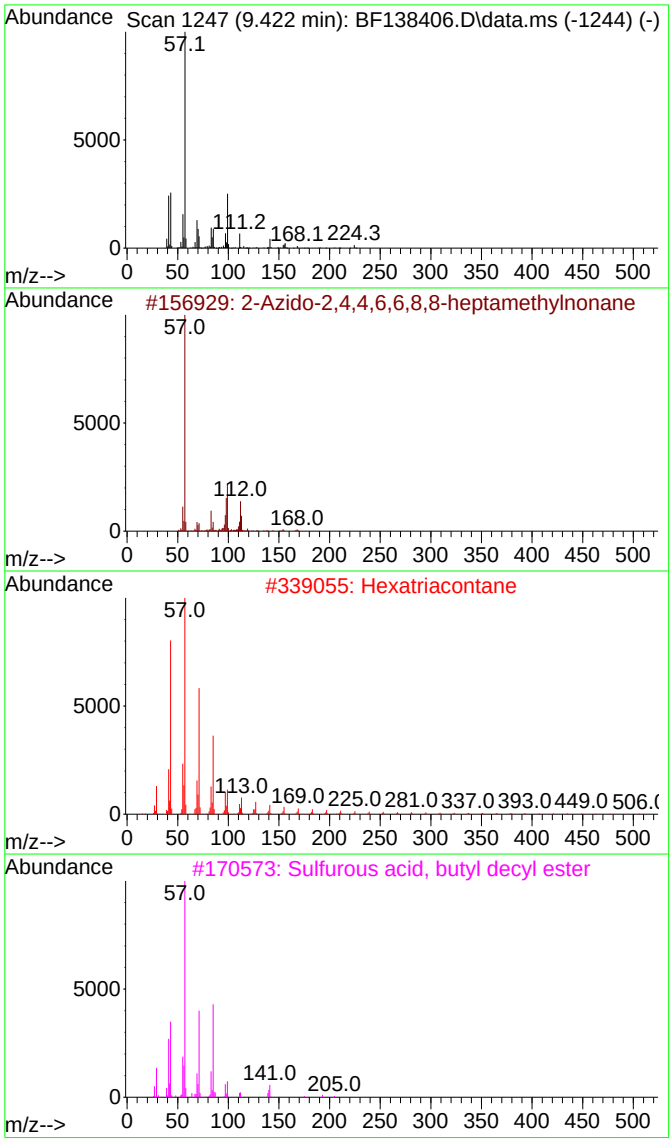
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

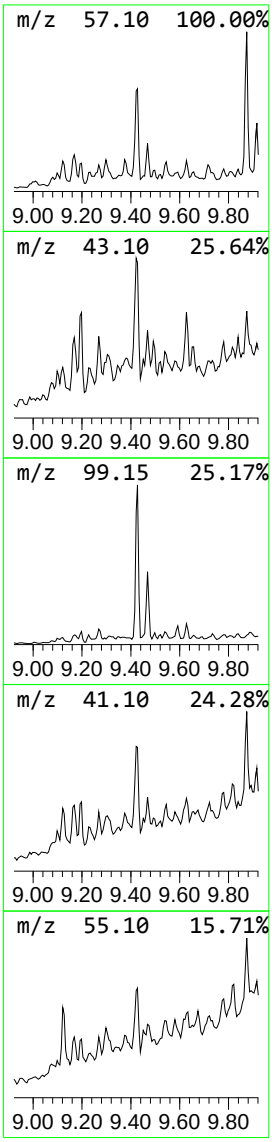
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Azido-2,4,4,6,6,8,8-hepta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	25.15 ng	2097170	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	50
2	Hexatriacontane	507	C36H74	000630-06-8	40
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	40
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	38
5	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

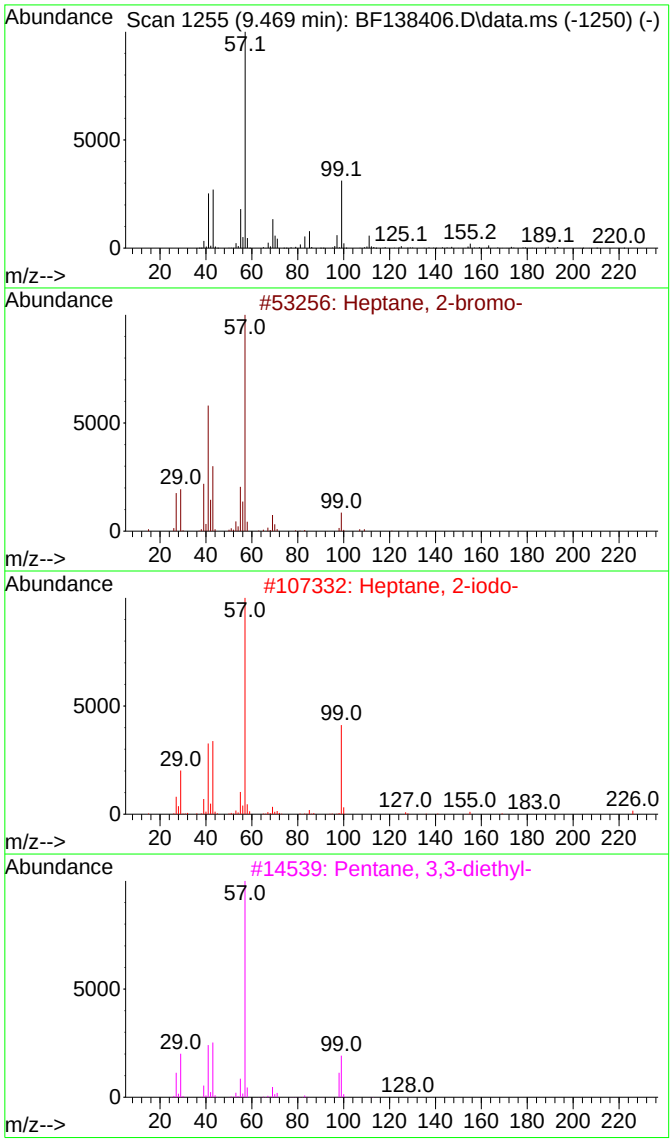
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

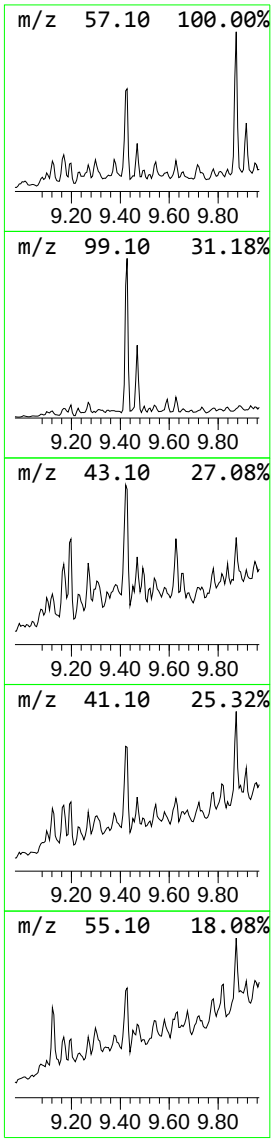
****

Peak Number 4 Heptane, 2-bromo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	10.65 ng	887957	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-bromo-	178	C7H15Br	001974-04-5	50
2	Heptane, 2-iodo-	226	C7H15I	018589-29-2	47
3	Pentane, 3,3-diethyl-	128	C9H20	001067-20-5	47
4	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	45
5	Heptane, 3-(chloromethyl)-	148	C8H17Cl	000123-04-6	43





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

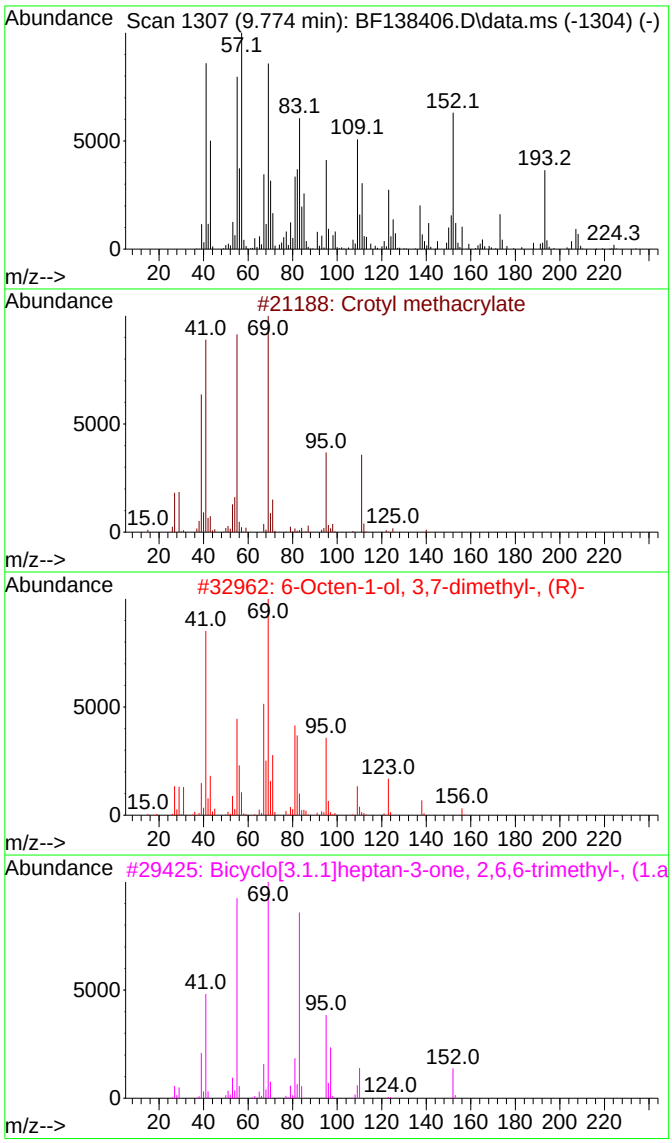
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

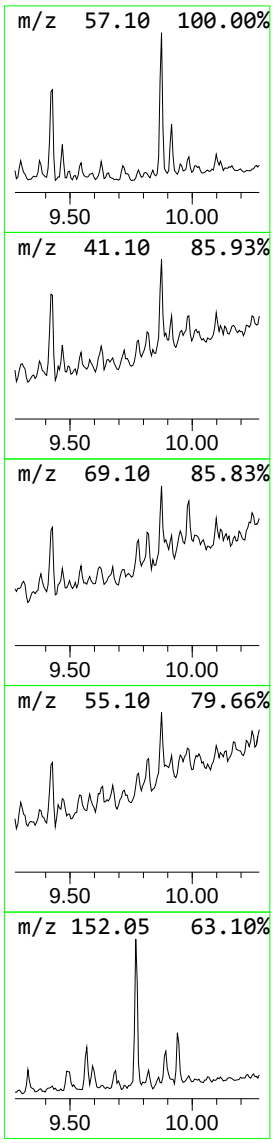
****

Peak Number 5 unknown9.774 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.774	10.28 ng	857265	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotyl methacrylate	140	C8H12O2	007376-45-6	46
2	6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	45
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	45
4	Citronellol	156	C10H20O	000106-22-9	45
5	Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	010292-98-5	30





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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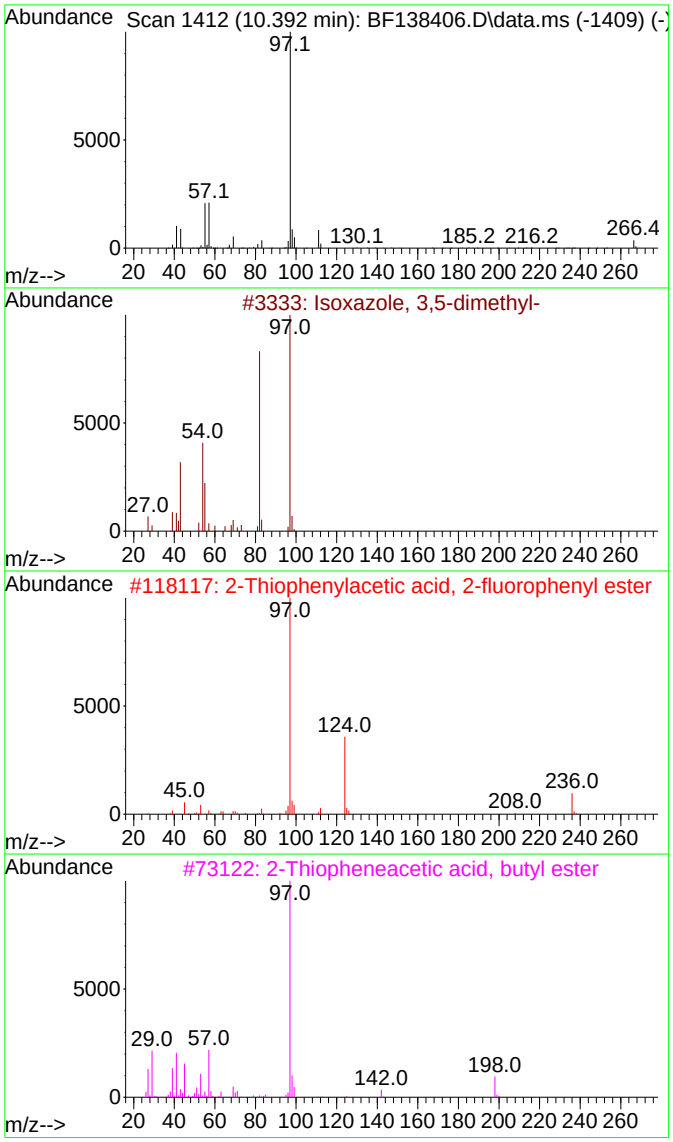
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

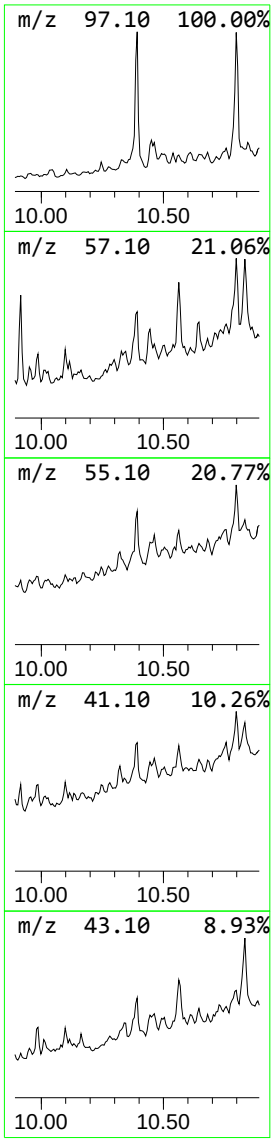
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Isoxazole, 3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	18.69 ng	1558320	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	64
2	2-Thiophenylacetic acid, 2-fluor...	236	C12H9FO2S	1000325-71-6	40
3	2-Thiopheneacetic acid, butyl ester	198	C10H14O2S	060639-72-7	39
4	5-(2-Thienyl)pentanoic acid	184	C9H12O2S	021010-06-0	39
5	2-Thiopheneacetic acid, 3-methyl...	212	C11H16O2S	1000278-95-5	9





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Sample : P3115-12 10X
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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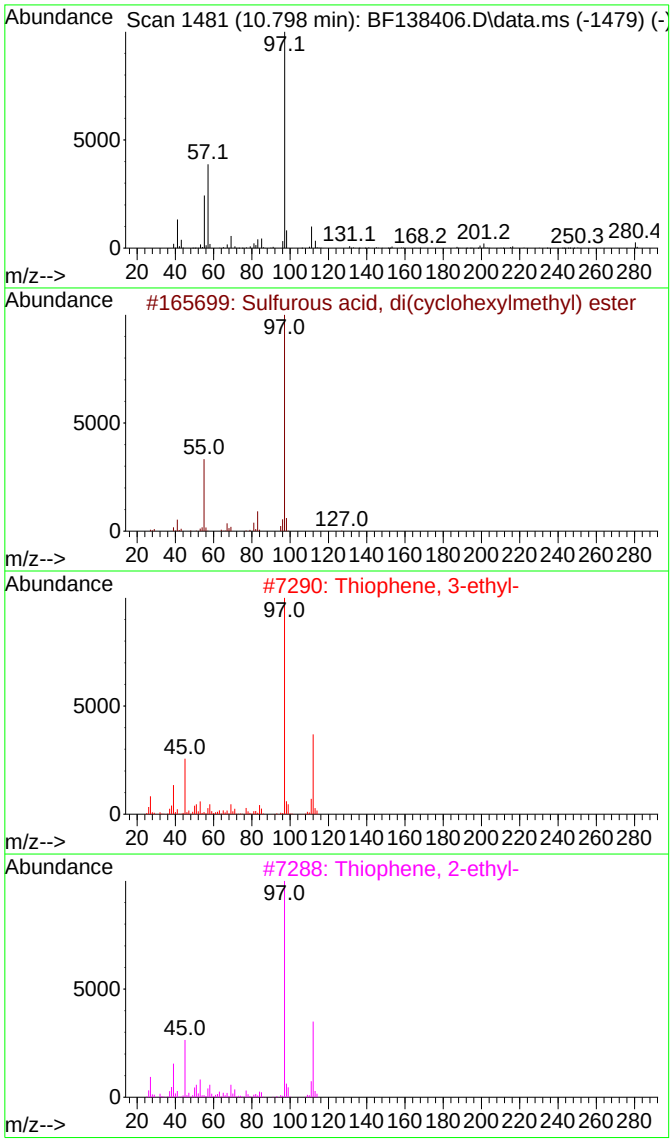
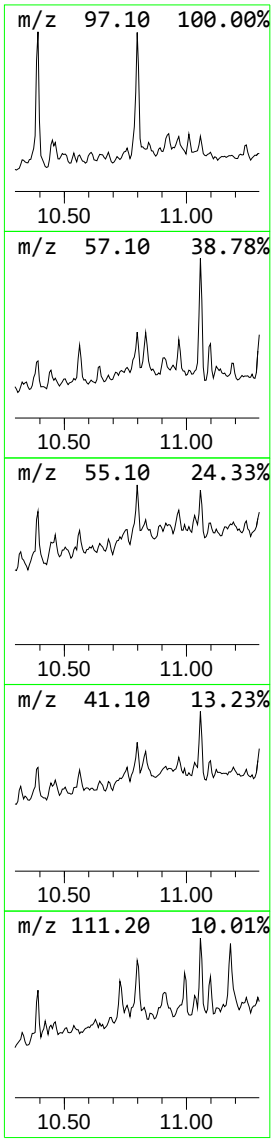
Peak Number 7 Sulfurous acid, di(cyclohex... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	12.82 ng	947527	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	53
2	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	39
3	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	39
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	39
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	39





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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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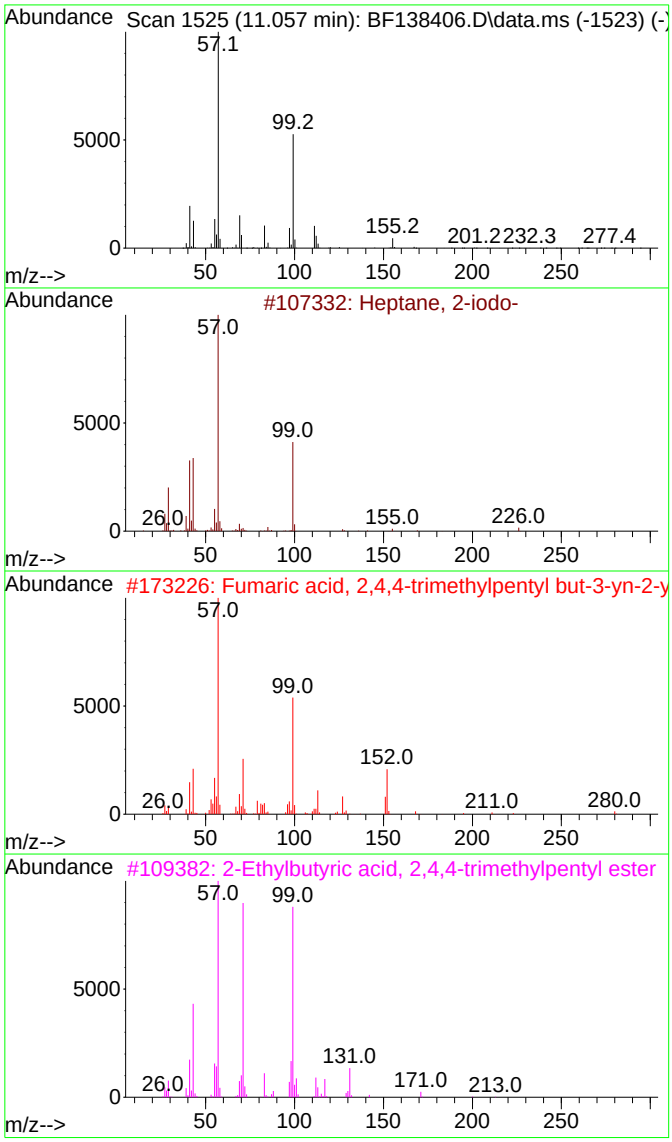
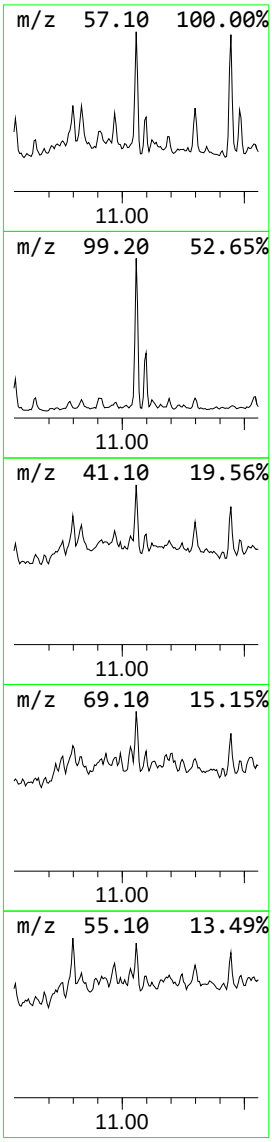
Peak Number 8 unknown11.057 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	28.80 ng	2127990	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-iodo-	226	C7H15I	018589-29-2	47
2	Fumaric acid, 2,4,4-trimethylpen...	280	C16H24O4	1000405-60-0	45
3	2-Ethylbutyric acid, 2,4,4-trime...	228	C14H28O2	1000369-49-3	38
4	3,7-Dimethyl-1-octyl methylphosp...	238	C11H24FO2P	345260-82-4	38
5	trans-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	35





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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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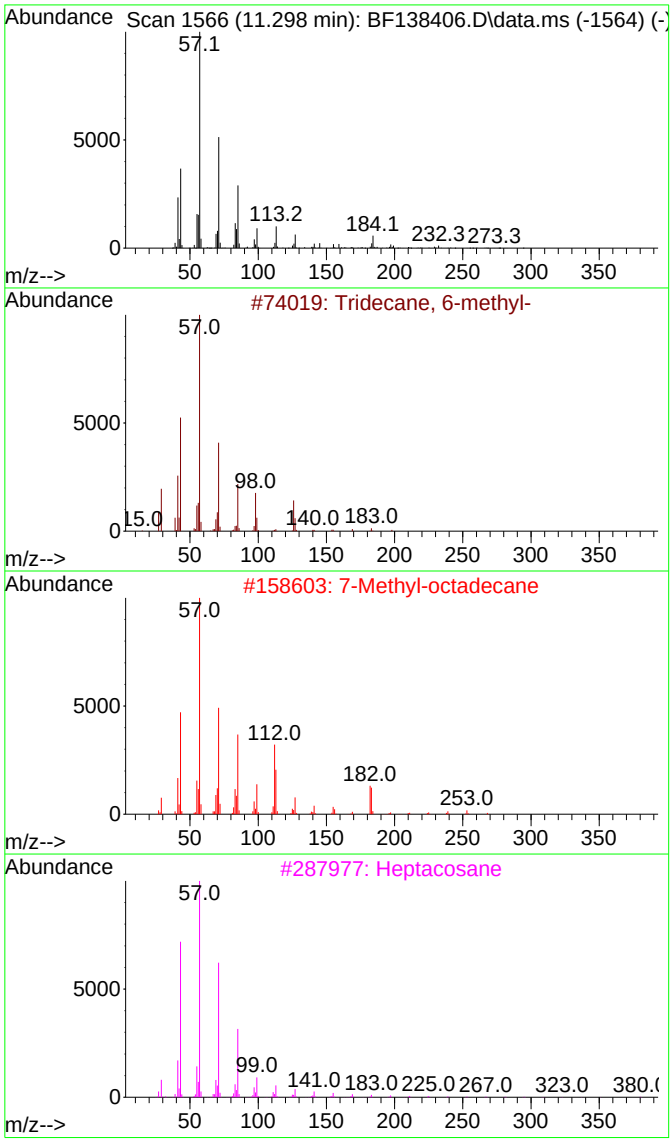
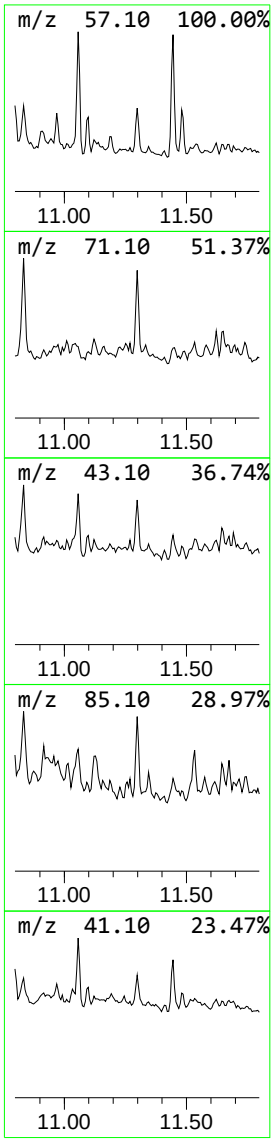
Peak Number 9 Tridecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	15.76 ng	1164550	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	93
2	7-Methyl-octadecane	268	C19H40	1000192-63-3	86
3	Heptacosane	380	C27H56	000593-49-7	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64





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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

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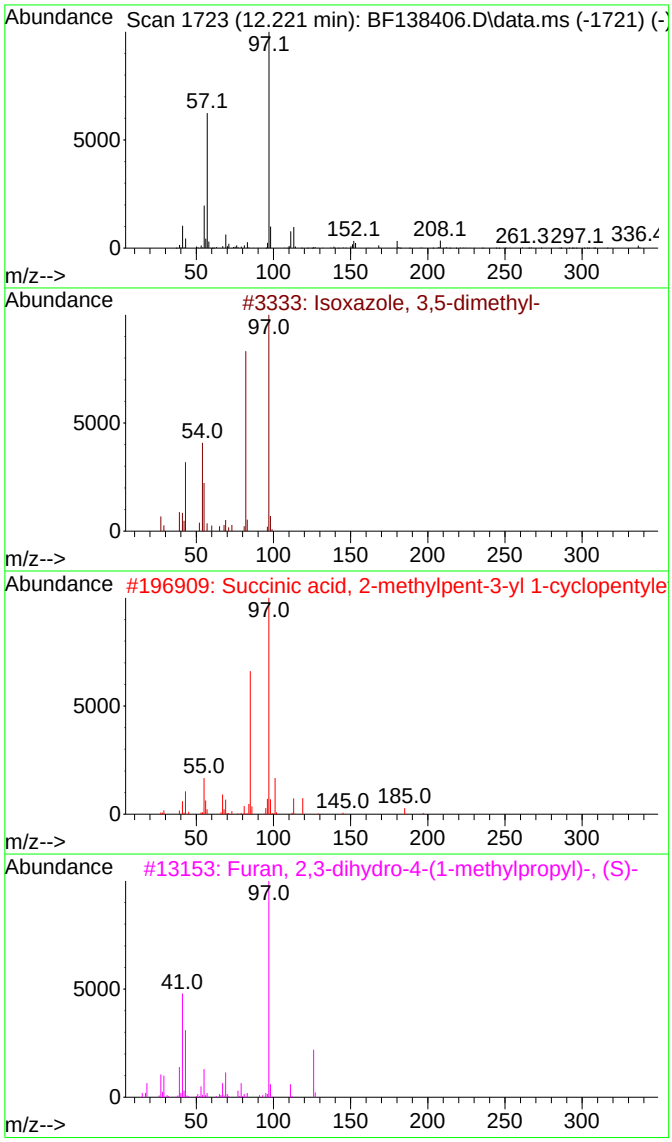
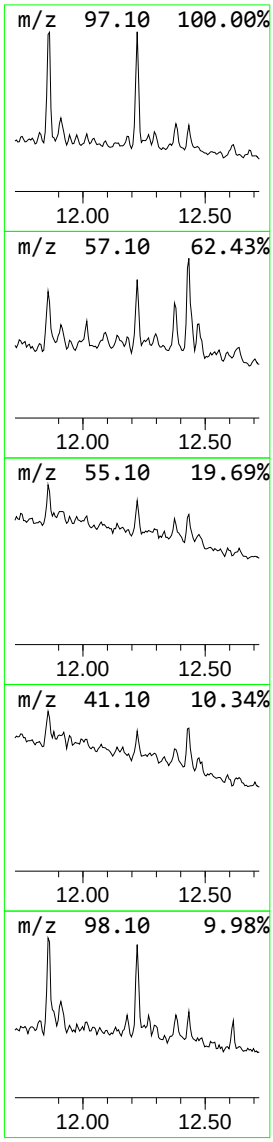
Peak Number 10 unknown12.221 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.221	13.61 ng	1005730	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	53
2	Succinic acid, 2-methylpent-3-yl...	298	C17H30O4	1000391-41-0	38
3	Furan, 2,3-dihydro-4-(1-methylpr...	126	C8H14O	034379-54-9	36
4	Carbonic acid, pentadecyl 2,2,2-...	402	C18H33Cl3O3	1000314-56-1	36
5	Bis(3,7-dimethyloctyl) methylpho...	376	C21H45O3P	1000298-35-2	36





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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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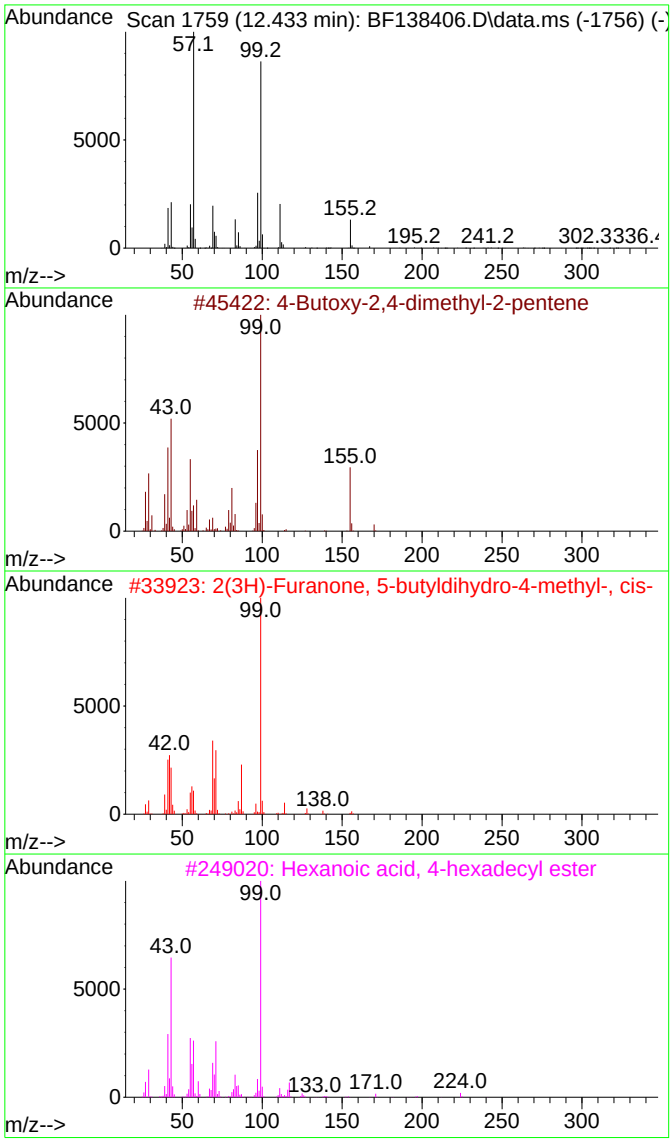
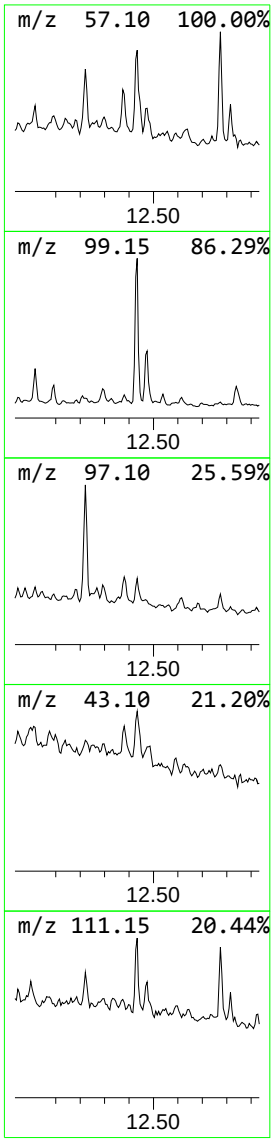
Peak Number 11 4-Butoxy-2,4-dimethyl-2-pen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	20.73 ng	1531940	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	53
2	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	43
3	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	40
4	1-Pyrrolidinocarbonylmethyl pipe...	197	C10H19N3O	039890-45-4	38
5	1-Isobutyl-3-methylbutyl methylp...	224	C10H22FO2P	193090-16-3	38





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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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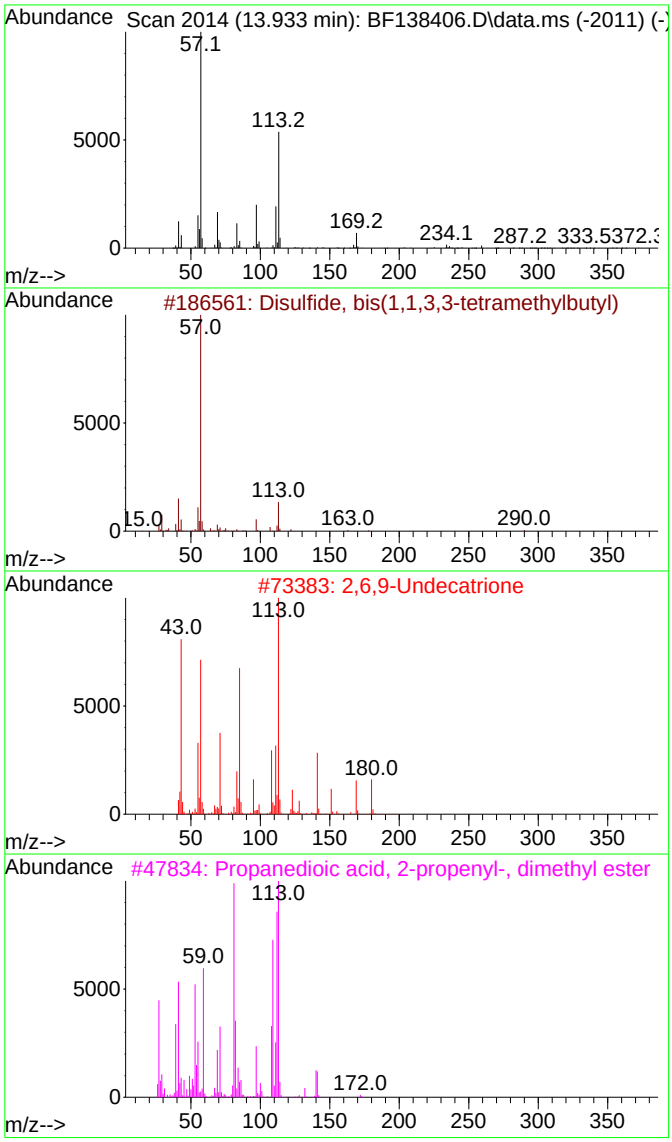
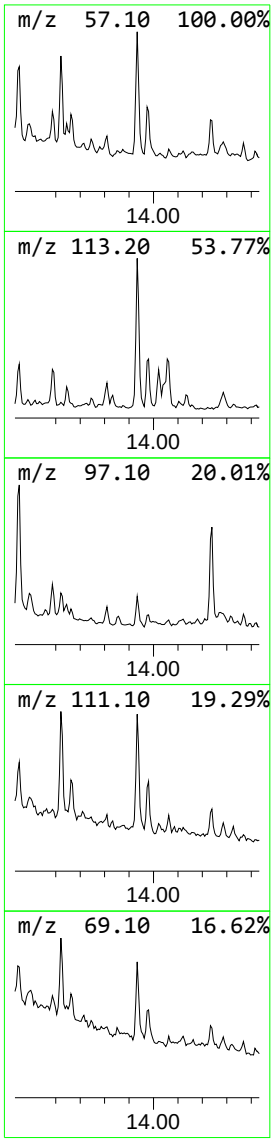
Peak Number 12 unknown13.933 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	10.48 ng	1303620	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	33
2	2,6,9-Undecatrione	198	C11H18O3	078975-91-4	28
3	Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	25
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	22
5	2-Ethylhexyl ethylphosphonofluor...	224	C10H22FO2P	1000298-44-7	17





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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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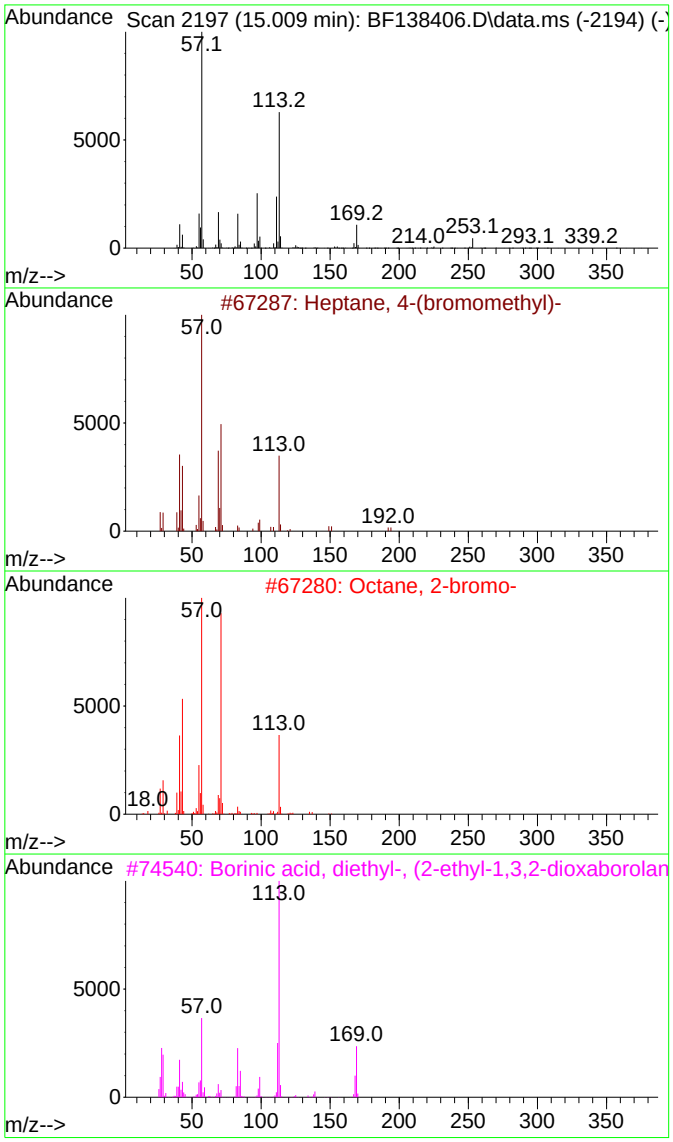
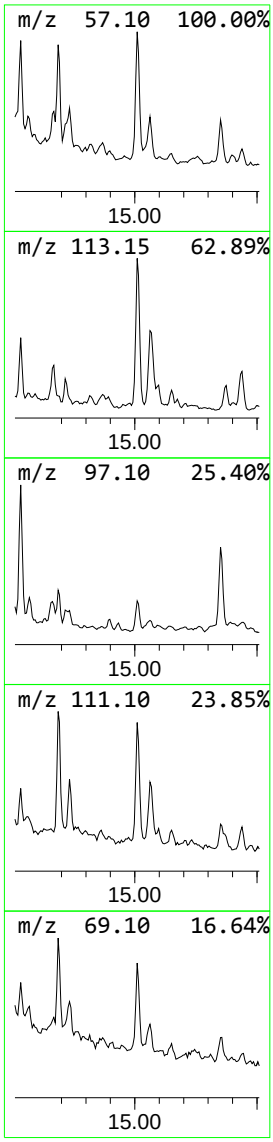
Peak Number 13 unknown15.009 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.009	21.26 ng	904518	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	43
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
3	Borinic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	32
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	32
5	2,4,4-trimethylpentyl ethylphosp...	224	C10H22FO2P	333416-13-0	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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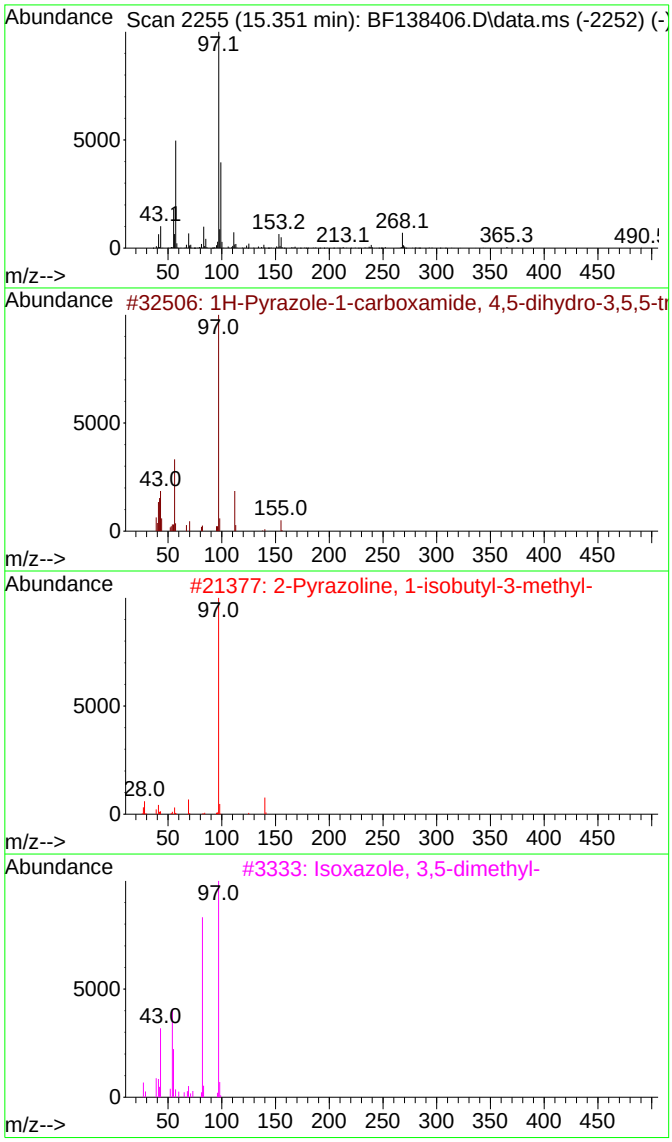
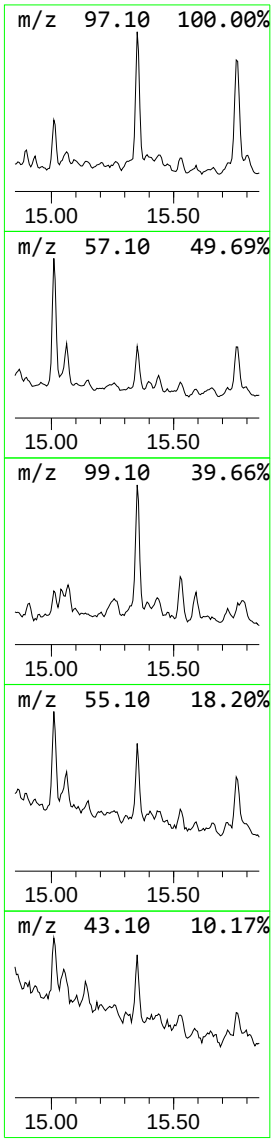
Peak Number 14 unknown15.351 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	15.00 ng	638272	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-1-carboxamide, 4,5-d...	155	C7H13N3O	003786-02-5	43
2	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	43
3	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	43
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43
5	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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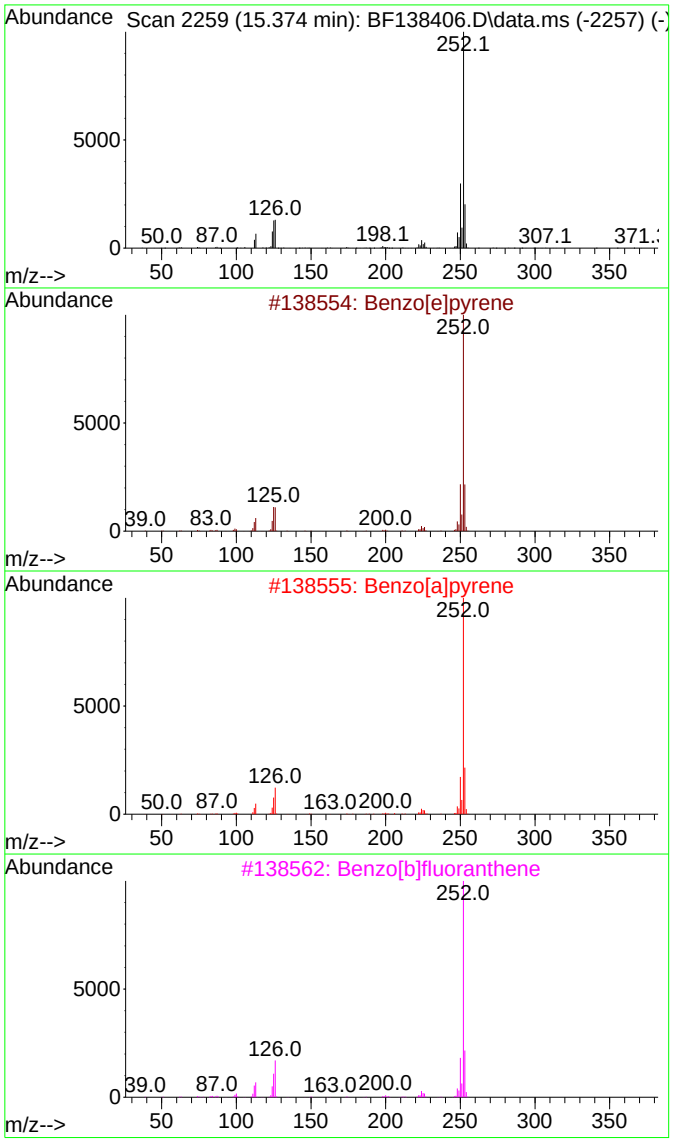
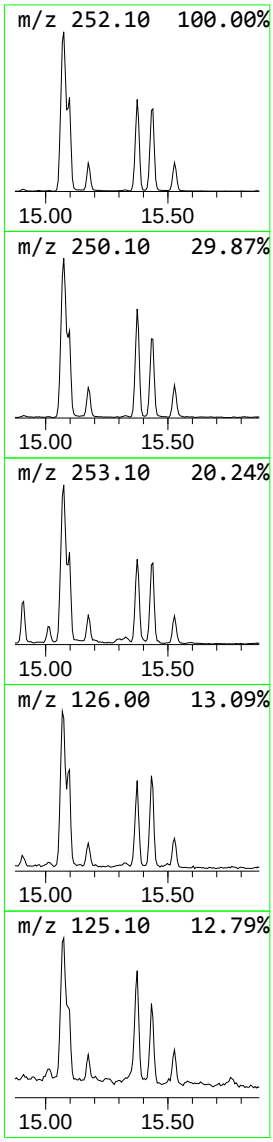
Peak Number 15 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	18.04 ng	767276	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





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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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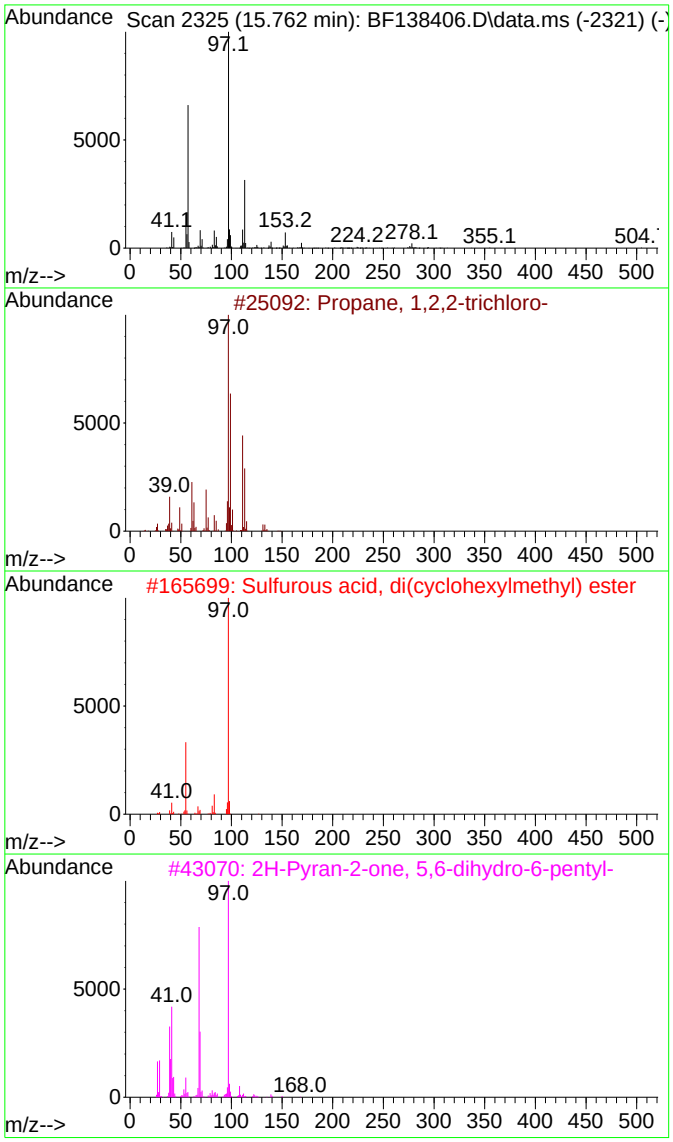
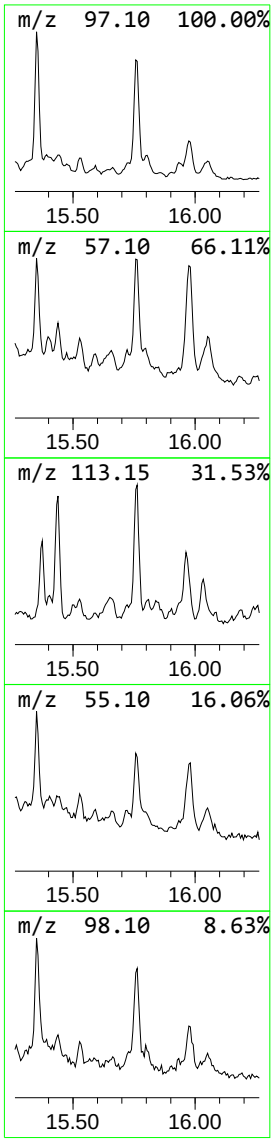
Peak Number 16 Propane, 1,2,2-trichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.762	13.85 ng	589017	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2,2-trichloro-	146	C3H5Cl3	003175-23-3	64
2	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1010309-22-7	50
3	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	50
4	4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	49
5	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	45





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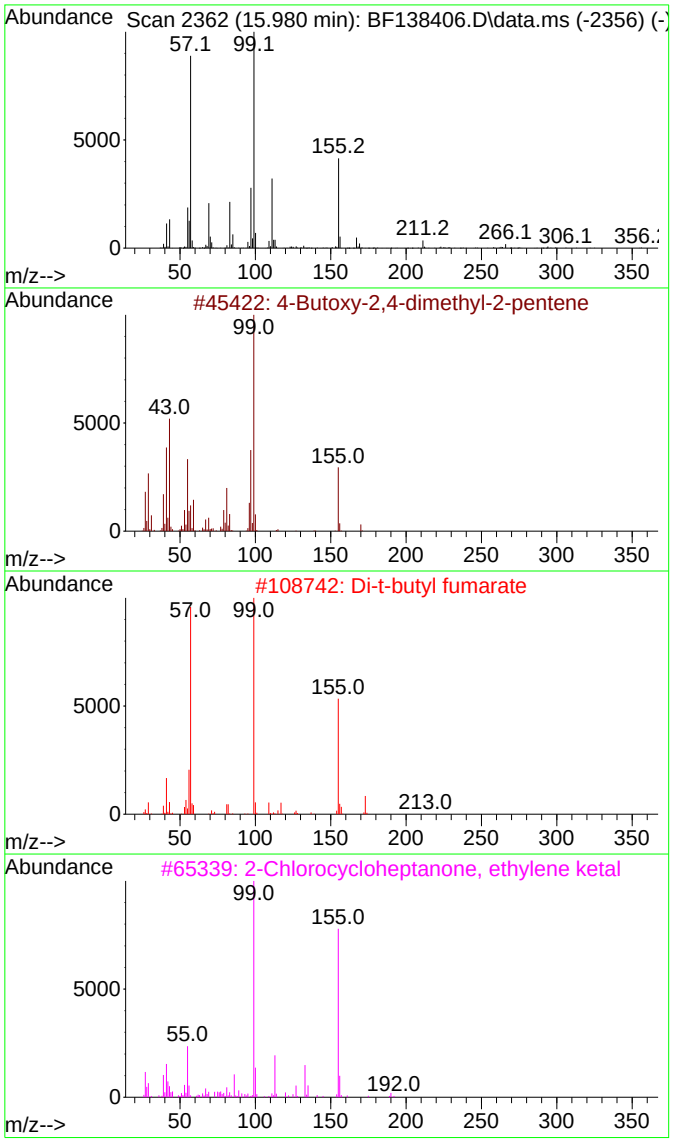
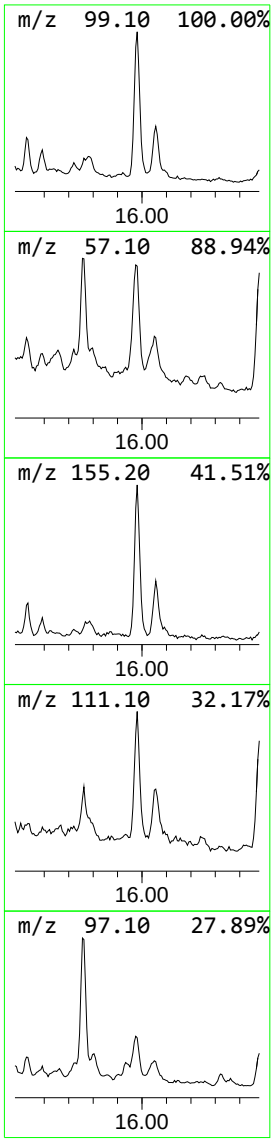
Peak Number 17 unknown15.980 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	19.07 ng	811356	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	47
2	Di-t-butyl fumarate	228	C12H20O4	007633-38-7	40
3	2-Chlorocycloheptanone, ethylene...	190	C9H15ClO2	099061-99-1	37
4	Succinic acid, di(2,4-dimethylpe...	314	C18H34O4	1000349-36-7	35
5	Alpinal diethyl acetal	216	C13H28O2	1000430-79-8	32





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Data File : BF138406.D
Acq On : 01 Jul 2024 16:35
Operator : CG\JU
Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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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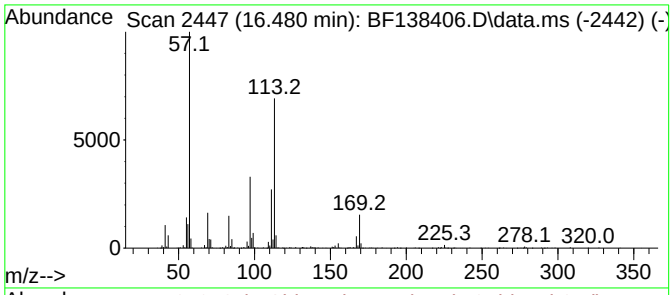
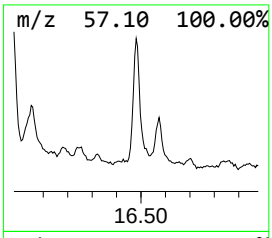
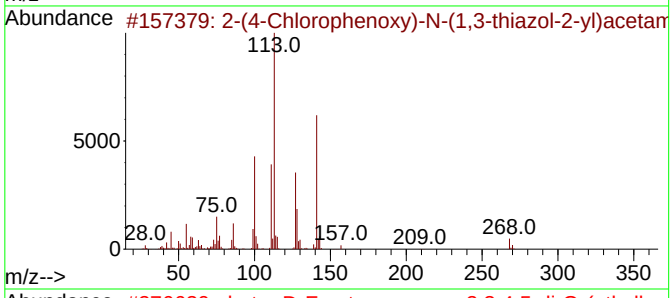
Peak Number 18 unknown16.480 Concentration Rank 5

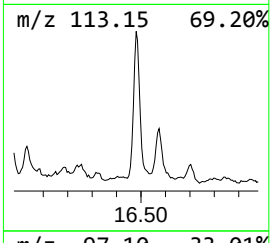
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	20.22 ng	860228	Perylene-d12	15.498

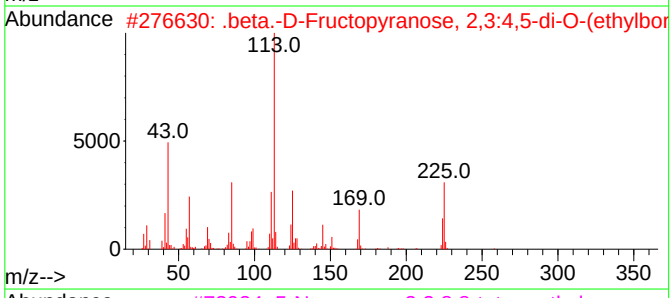
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Chlorophenoxy)-N-(1,3-thiaz...	268	C11H9ClN2O2S	037666-22-1	43
2	.beta.-D-Fructopyranose, 2,3:4,5...	368	C17H30B2O7	1000156-76-8	37
3	5-Nonanone, 2,2,8,8-tetramethyl-	198	C13H26O	005709-95-5	32
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
5	4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	27

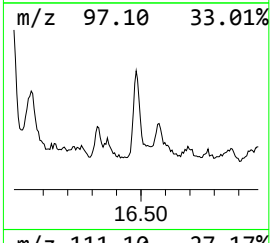


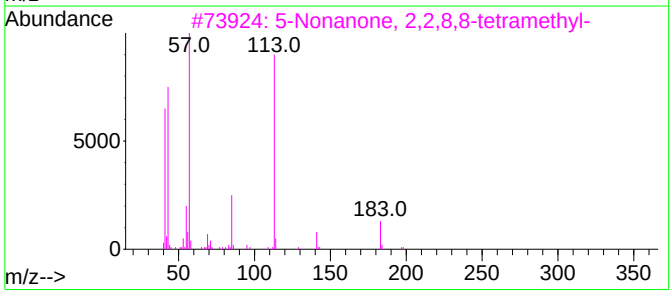


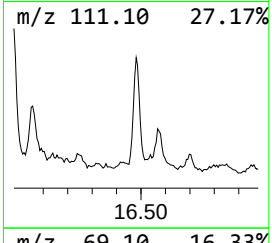


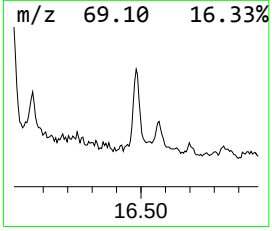












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138406.D
Acq On : 01 Jul 2024 16:35
Operator : CG\JU
Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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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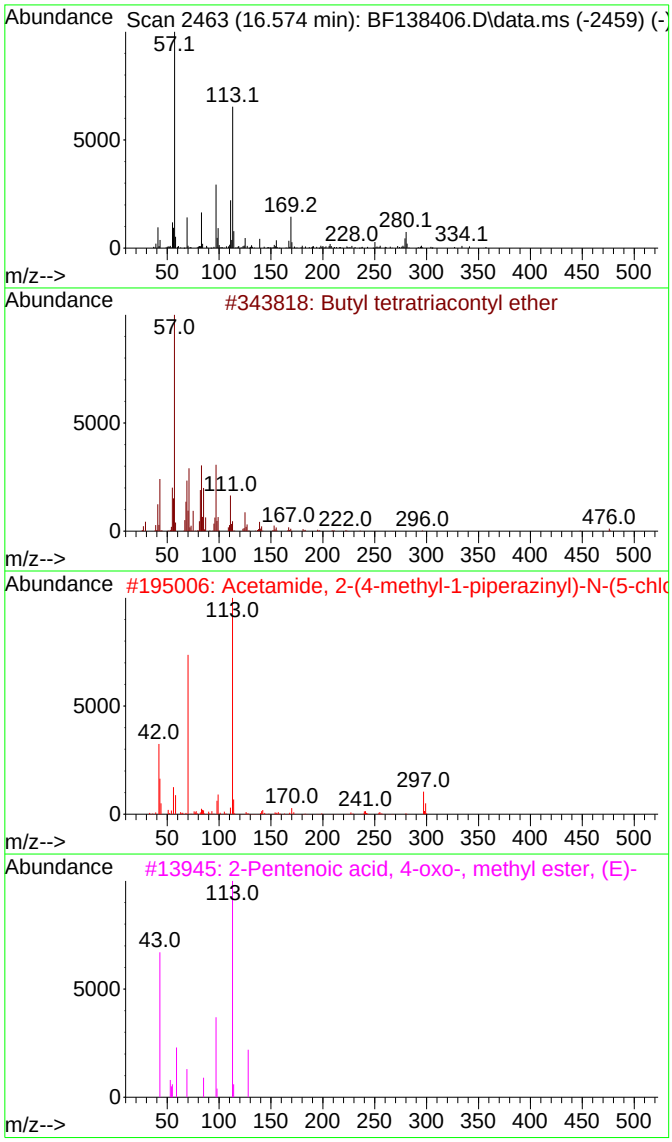
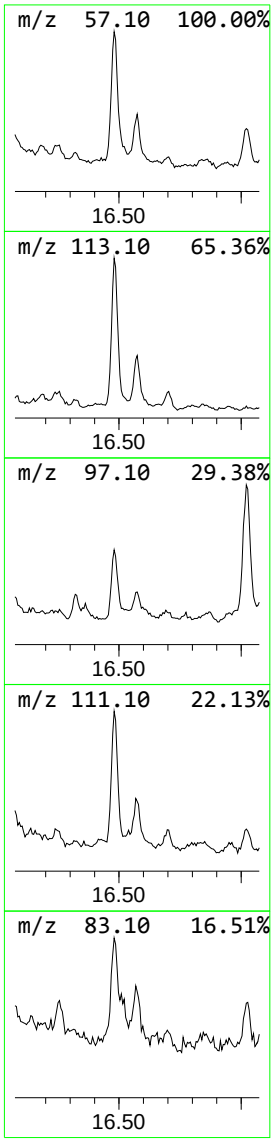
Peak Number 19 unknown16.574 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.574	11.10 ng	472201	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetratriacontyl ether	551	C38H78O	1000406-41-4	37
2	Acetamide, 2-(4-methyl-1-piperaz...	297	C14H20ClN3O2	329210-38-0	27
3	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	25
4	7-Ethyl-4,6-undecandione	212	C13H24O2	1000374-11-8	25
5	2-Allylpent-4-enoic acid, methyl...	154	C9H14O2	054385-33-0	22





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Data File : BF138406.D
Acq On : 01 Jul 2024 16:35
Operator : CG\JU
Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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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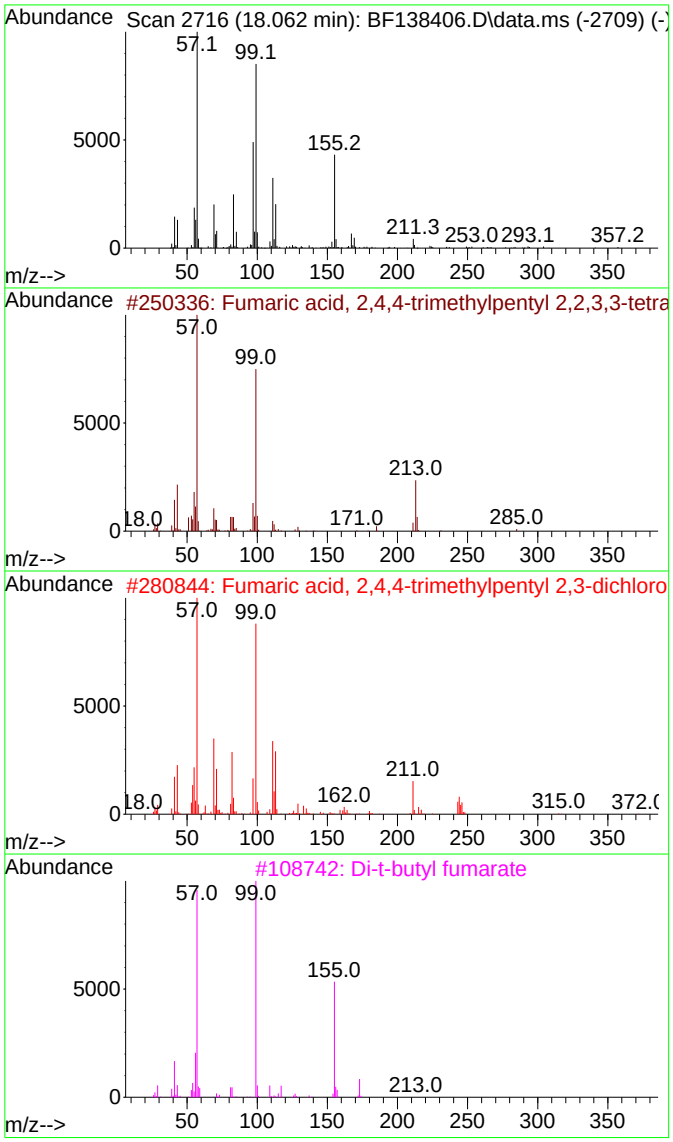
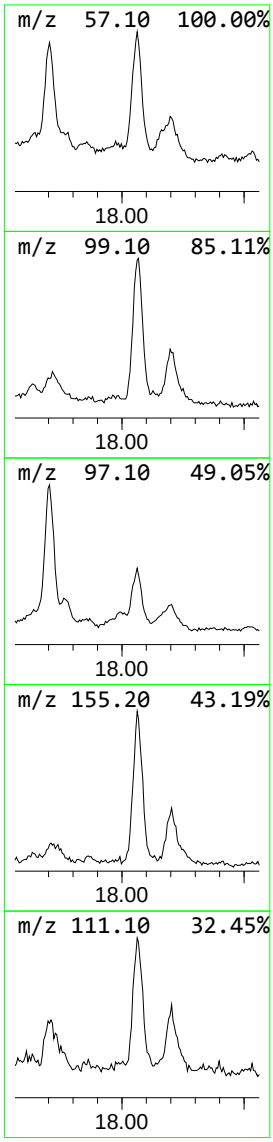
Peak Number 20 unknown18.062 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.062	14.60 ng	621007	Perylene-d12	15.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2,4,4-trimethylpen...	342	C15H22F4O4	1000405-59-8	38
2	Fumaric acid, 2,4,4-trimethylpen...	372	C18H22Cl2O4	1000405-61-1	38
3	Di-t-butyl fumarate	228	C12H20O4	007633-38-7	37
4	Fumaric acid, 2,4,4-trimethylpen...	356	C18H22ClFO4	1000405-60-9	37
5	4-Heptanone, 2,2,3,3,5,5,6,6-oct...	226	C15H30O	016424-66-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138406.D
Acq On : 01 Jul 2024 16:35
Operator : CG\JU
Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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
1-(Trimethylsil...	9.122	13.3	ng	1107900	3	9.910	1667520	20.0
Heptane, 2,2,3,...	9.169	11.7	ng	975449	3	9.910	1667520	20.0
2-Azido-2,4,4,6...	9.422	25.1	ng	2097170	3	9.910	1667520	20.0
Heptane, 2-bromo-	9.469	10.7	ng	887957	3	9.910	1667520	20.0
unknown9.774	9.774	10.3	ng	857265	3	9.910	1667520	20.0
Isoxazole, 3,5-...	10.392	18.7	ng	1558320	3	9.910	1667520	20.0
Sulfurous acid,...	10.798	12.8	ng	947527	4	11.404	1477800	20.0
unknown11.057	11.057	28.8	ng	2127990	4	11.404	1477800	20.0
Tridecane, 6-me...	11.298	15.8	ng	1164550	4	11.404	1477800	20.0
unknown12.221	12.221	13.6	ng	1005730	4	11.404	1477800	20.0
4-Butoxy-2,4-di...	12.433	20.7	ng	1531940	4	11.404	1477800	20.0
unknown13.933	13.933	10.5	ng	1303620	5	14.033	2487310	20.0
unknown15.009	15.009	21.3	ng	904518	6	15.498	850797	20.0
unknown15.351	15.351	15.0	ng	638272	6	15.498	850797	20.0
Benzo[e]pyrene	15.374	18.0	ng	767276	6	15.498	850797	20.0
Propane, 1,2,2-...	15.762	13.9	ng	589017	6	15.498	850797	20.0
unknown15.980	15.980	19.1	ng	811356	6	15.498	850797	20.0
unknown16.480	16.480	20.2	ng	860228	6	15.498	850797	20.0
unknown16.574	16.574	11.1	ng	472201	6	15.498	850797	20.0
unknown18.062	18.062	14.6	ng	621007	6	15.498	850797	20.0