LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	327	332	341	rBV	49303	74054	1.10%	0.076%
2	5.493	370	375	385	rVB	505128	793269	11.78%	0.816%
3	6.610	558	565	580	rVB	1986867	3068040	45.56%	3.154%
4	6.910	612	616	621	rBV	51042	76169	1.13%	0.078%
5	7.087	638	646	656	rVB	525019	849448	12.61%	0.873%
6	7.363	687	693	704	rBV	135169	233368	3.47%	0.240%
7	7.528	712	721	726	rBV2	47082	81116	1.20%	0.083%
8	7.922	781	788	797	rVB	828336	1375718	20.43%	1.414%
9	8.063	807	812	819	rVB	192669	294119	4.37%	0.302%
10	8.146	819	826	833	rBV	84285	141660	2.10%	0.146%
11	9.016	968	974	978	rBV	60651	107669	1.60%	0.111%
12	9.075	978	984	996	rVV	341036	676628	10.05%	0.696%
13	9.187	996	1003	1008	rVB2	126670	229920	3.41%	0.236%
14	10.134	1159	1164	1168	rBV2	65024	106161	1.58%	0.109%
15	10.428	1209	1214	1218	rVB	82461	116798	1.73%	0.120%
16	10.510	1223	1228	1235	rBV3	44153	74603	1.11%	0.077%
17	10.722	1257	1264	1270	rBV	1186922	2068759	30.72%	2.127%
18	10.769	1270	1272	1280	rVB	106957	150423	2.23%	0.155%
19	11.051	1313	1320	1326	rBV5	30438	97527	1.45%	0.100%
20	11.140	1333	1335	1340	rVB2	59104	83064	1.23%	0.085%
21	11.216	1343	1348	1354	rBV2	61556	112037	1.66%	0.115%
22	11.310	1360	1364	1371	rVB7	45077	89292	1.33%	0.092%
23	11.657	1416	1423	1429	rBV5	82964	207054	3.07%	0.213%
24	11.740	1432	1437	1441	rVV4	46290	96273	1.43%	0.099%
25	11.798	1443	1447	1450	rVB	57767	85229	1.27%	0.088%
26	11.975	1473	1477	1482	rBV	364521	550850	8.18%	0.566%
27	12.116	1495	1501	1504	rBV4	134343	300737	4.47%	0.309%
28	12.269	1524	1527	1532	rVB2	123914	165092	2.45%	0.170%
29	12.334	1533	1538	1540	rBV2	158312	261350	3.88%	0.269%
30	12.504	1563	1567	1568	rBV2	128250	171406	2.55%	0.176%
31	12.887	1629	1632	1637	rVB3	228872	371642	5.52%	0.382%
32	12.940	1638	1641	1644	rBV4	115349	171491	2.55%	0.176%
33	12.998	1647	1651	1655	rBV2	451619	742605	11.03%	0.764%
34	13.181	1678	1682	1687	rVB	976109	1391025	20.65%	1.430%
35	13.475	1730	1732	1736	rVB2	198151	216101	3.21%	0.222%
36	13.528	1738	1741	1744	rBV2	169784	222440	3.30%	0.229%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
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Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

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_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.622	1750	1757	1764	rVB3	539352	1392595	20.68%	1.432%
38	13.728	1771	1775	1779	rVB3	317376	466527	6.93%	0.480%
39	14.040	1823	1828	1833	rBV3	385848	741395	11.01%	0.762%
40	14.339	1875	1879	1882	rBV	311691	406872	6.04%	0.418%
41	14.557	1912	1916	1922	rVB	1874726	2726502	40.48%	2.803%
42	14.616	1922	1926	1933	rBV6	221628	428971	6.37%	0.441%
43	14.739	1944	1947	1951	rVB	340344	428124	6.36%	0.440%
44	14.981	1985	1988	1993	rVB5	210019	280672	4.17%	0.289%
45	15.034	1995	1997	2000	rBV	175662	204977	3.04%	0.211%
46	15.528	2075	2081	2086	rVB3	960255	1693773	25.15%	1.741%
47	15.610	2091	2095	2099	rBV2	877793	1171232	17.39%	1.204%
48	15.845	2129	2135	2138	rBV2	1164594	2518833	37.40%	2.590%
49	15.916	2143	2147	2150	rBV3	1037834	1464610	21.75%	1.506%
50	15.986	2155	2159	2163	rVV	1338117	2105968	31.27%	2.165%
51	16.034	2164	2167	2176	rVV2	1052161	2855275	42.40%	2.936%
52	16.104	2176	2179	2183	rVB	982269	1290521	19.16%	1.327%
53	16.204	2192	2196	2200	rBV	2592164	3130014	46.48%	3.218%
54	16.275	2205	2208	2213	rVB	836106	1205272	17.90%	1.239%
55	16.369	2220	2224	2227	rBV	1876888	2165306	32.15%	2.226%
56	16.481	2238	2243	2247	rBV	2472272	3665303	54.42%	3.769%
57	16.557	2252	2256	2259	rBV2	1030354	1480515	21.98%	1.522%
58	16.716	2280	2283	2286	rBV2	555407	841351	12.49%	0.865%
59	16.928	2316	2319	2323	rVB2	457758	546084	8.11%	0.561%
60	16.975	2324	2327	2334	rVB2	987399	1641395	24.37%	1.688%
61	17.081	2341	2345	2352	rBV	1425983	3134463	46.54%	3.223%
62	17.133	2352	2354	2361	rVB	811657	1032411	15.33%	1.062%
63	17.228	2366	2370	2371	rBV	1587701	1948011	28.93%	2.003%
64	17.316	2381	2385	2389	rBV	2259513	3521740	52.29%	3.621%
65	17.351	2389	2391	2397	rVB3	1335688	1795723	26.66%	1.846%
66	17.410	2397	2401	2407	rBV3	1391275	2365781	35.13%	2.432%
67	17.469	2408	2411	2415	rBV4	696861	1312218	19.48%	1.349%
68	17.645	2437	2441	2448	rBV4	891690	1867930	27.74%	1.921%
69	17.716	2449	2453	2458	rBV	2025310	3356565	49.84%	3.451%
70	17.863	2472	2478	2484	rBV2	2890424	6734661	100.00%	6.924%
71	17.986	2496	2499	2500	rBV	1217904	1340013	19.90%	1.378%
72	18.010	2501	2503	2507	rVB	1734276	2223903	33.02%	2.287%
73	18.098	2515	2518	2521	rBV	1191107	1299555	19.30%	1.336%
74	18.128	2521	2523	2525	rBV3	731480	849884	12.62%	0.874%
75	19.327	2724	2727	2733	rBV2	1445119	2307394	34.26%	2.372%
76	19.880	2817	2821	2824	rBV	1911490	2329904	34.60%	2.396%

LSC Area Percent Report

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Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.604	2941	2944	2947	rVB	1698802	1720814	25.55%	1.769%
78	21.410	3077	3081	3085	rVB2	3050218	4323968	64.20%	4.446%
79	23.851	3491	3496	3502	rVB2	1613260	3089347	45.87%	3.176%

Sum of corrected areas: 97259509

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
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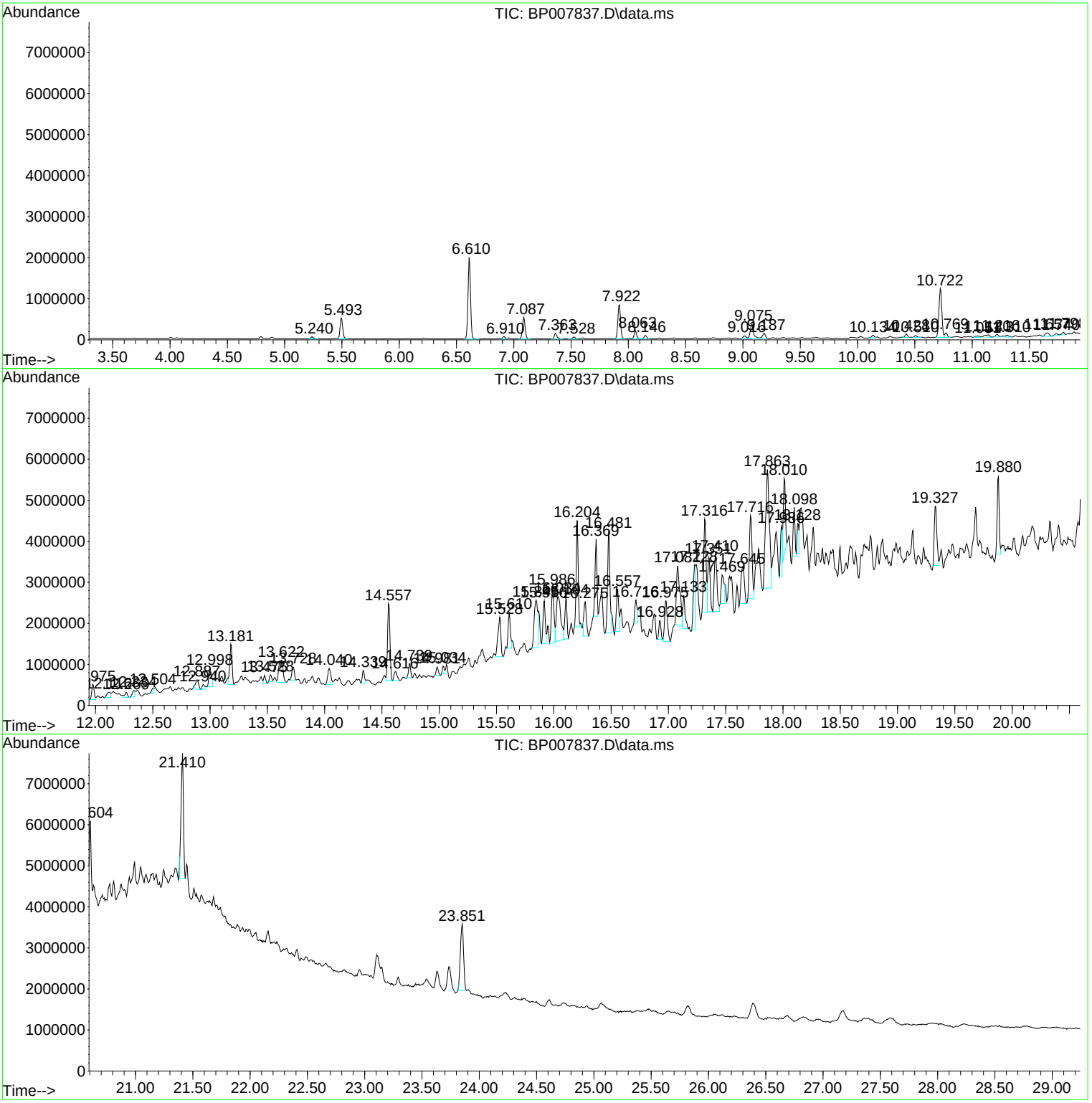
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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_P\Data\BP110321\
Data File : BP007837.D
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Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

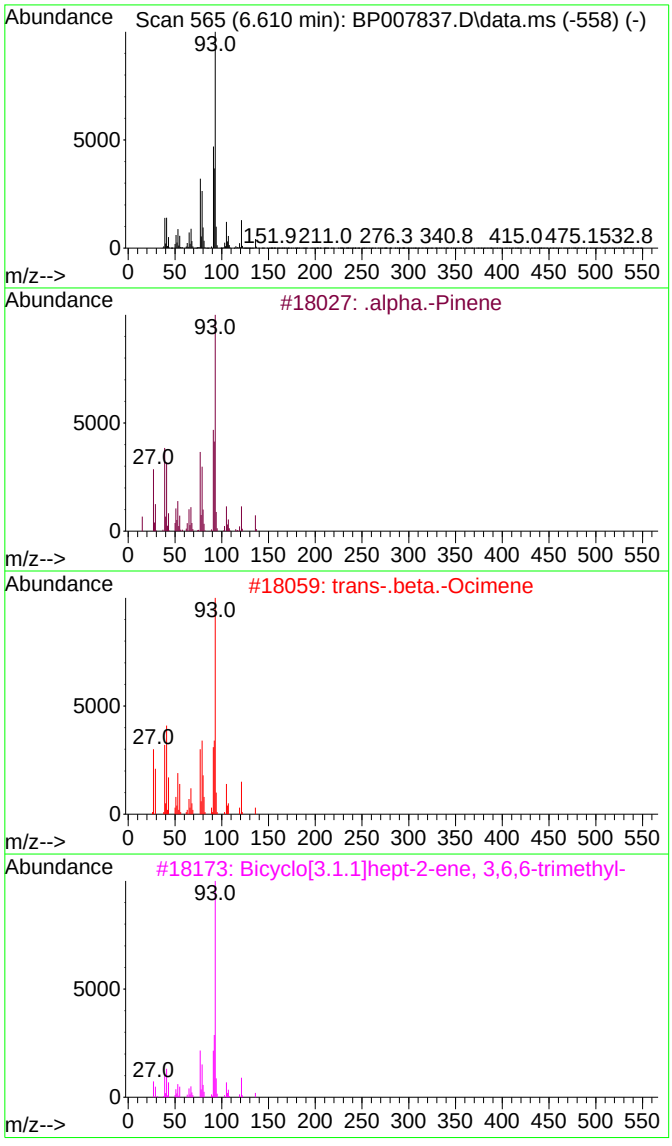
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

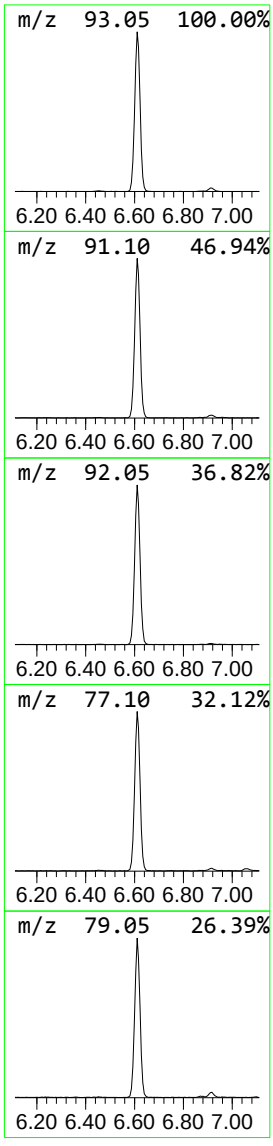
****

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	44.60 ng	3068040	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
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Sample : M4427-04 5X
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Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

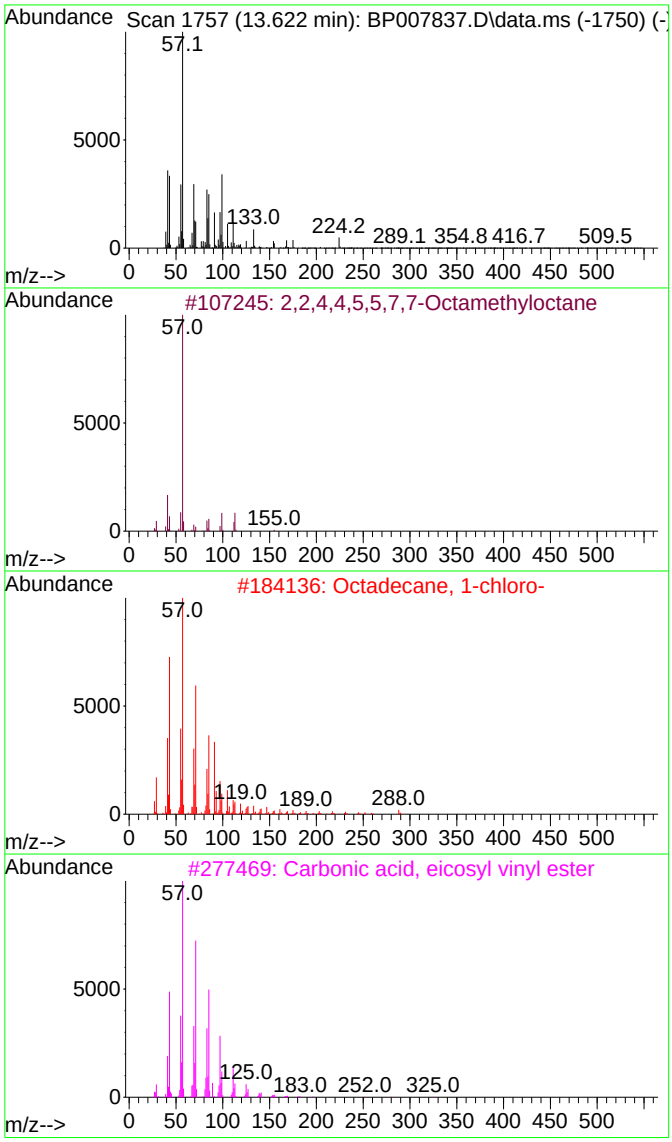
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

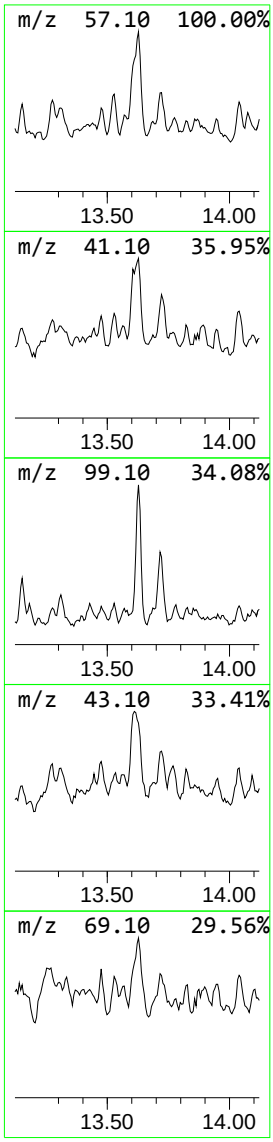
****

Peak Number 2 unknown13.622 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.622	10.22 ng	1392600	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	47
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	47
4	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	40
5	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	40





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Instrument :
BNA_P
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FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

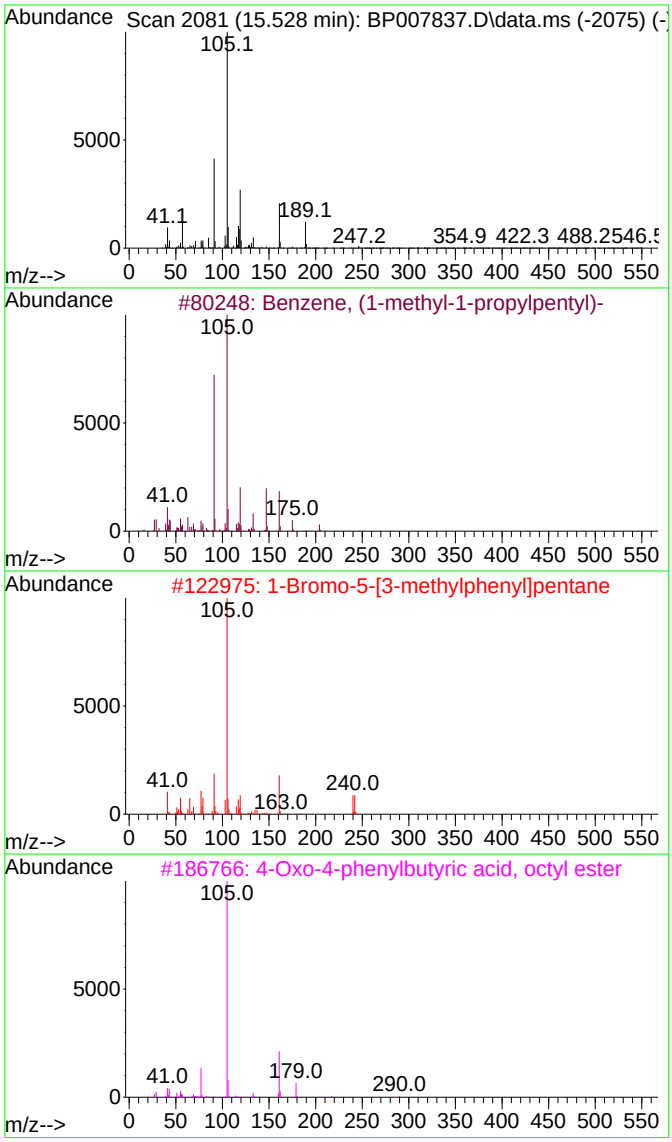
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

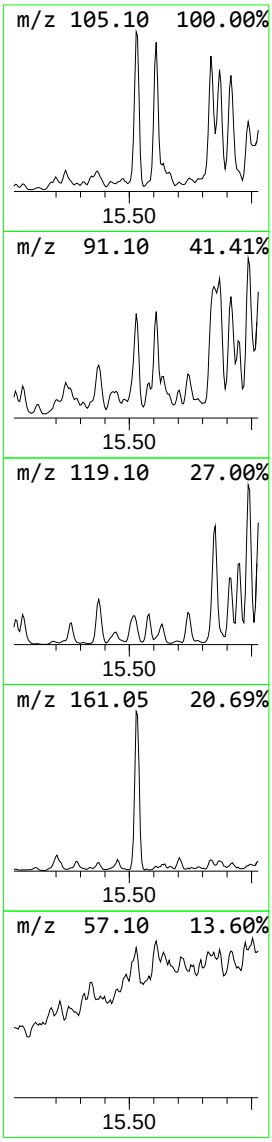
****

Peak Number 3 unknown15.528 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	12.42 ng	1693770	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propylpentyl)-	204	C15H24	054932-91-1	42
2	1-Bromo-5-[3-methylphenyl]pentane	240	C12H17Br	1000211-83-1	28
3	4-Oxo-4-phenylbutyric acid, octy...	290	C18H26O3	1010405-97-9	25
4	Ketone, phenyl 2-thiazolyl	189	C10H7NOS	007210-75-5	25
5	4-Oxo-4-phenylbutyric acid, hexy...	262	C16H22O3	1000405-97-7	25





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

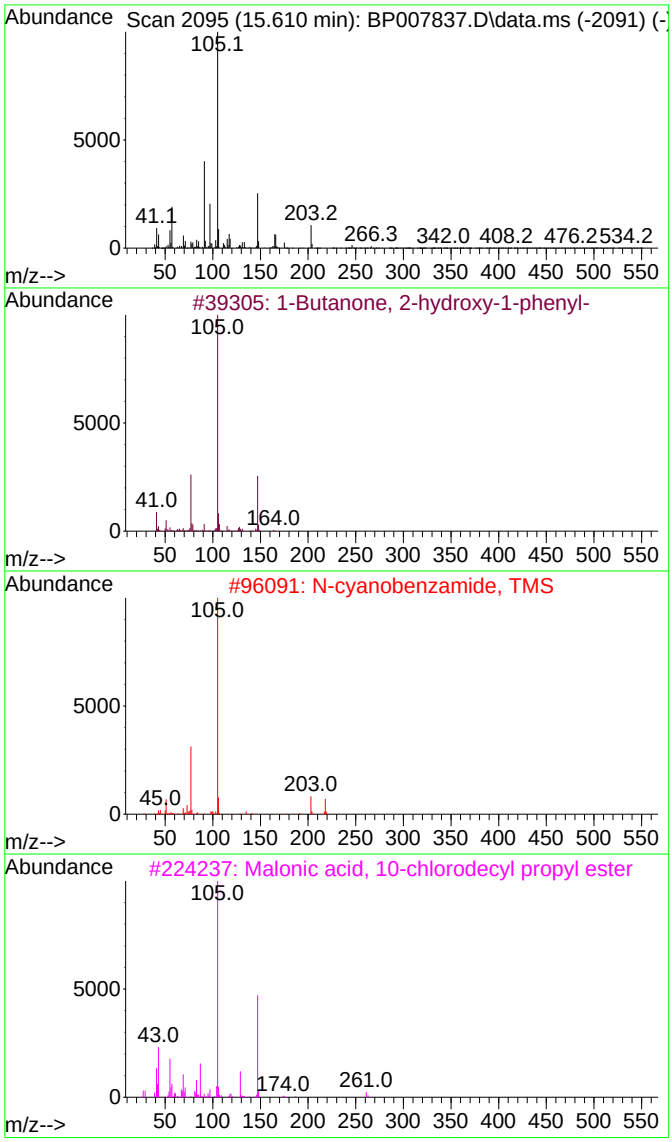
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

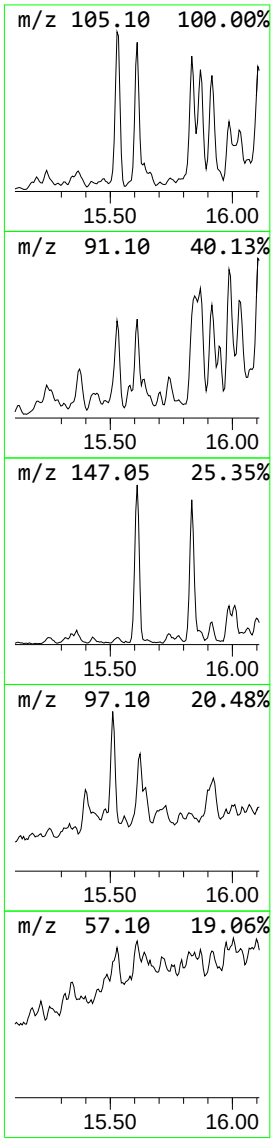
****

Peak Number 4 unknown15.610 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.610	8.59 ng	1171230	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	25
2	N-cyanobenzamide, TMS	218	C11H14N2OSi	1000472-22-2	10
3	Malonic acid, 10-chlorodecyl pro...	320	C16H29ClO4	1000349-03-9	10
4	Benzenecarbothioic acid, S-ethyl...	166	C9H10OS	001484-17-9	9
5	Benzenethanamine, N-acetyl-.alph...	202	C12H14N2O	1000227-03-7	9





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Instrument :
BNA_P
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FDR-BH-4-20211029-7.5-8M

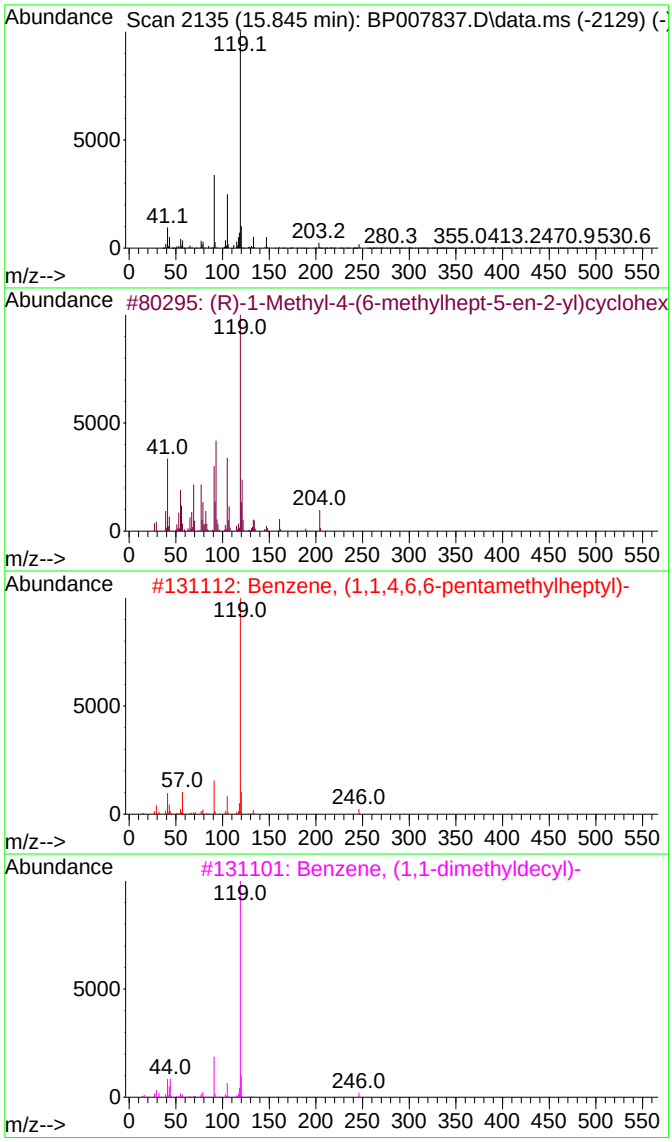
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

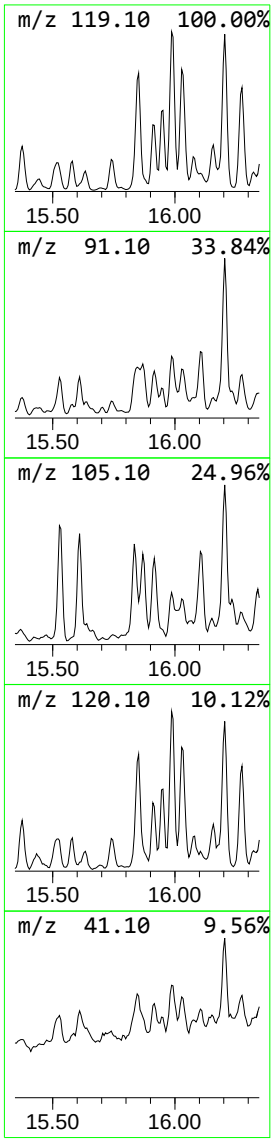
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (R)-1-Methyl-4-(6-methylhep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	18.48 ng	2518830	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-1-Methyl-4-(6-methylhept-5-e...	204	C15H24	028976-67-2	72
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59
5	[5-(4-Ethylphenyl)-5-hydroxy-3-t...	376	C20H19F3N2O2	1000311-59-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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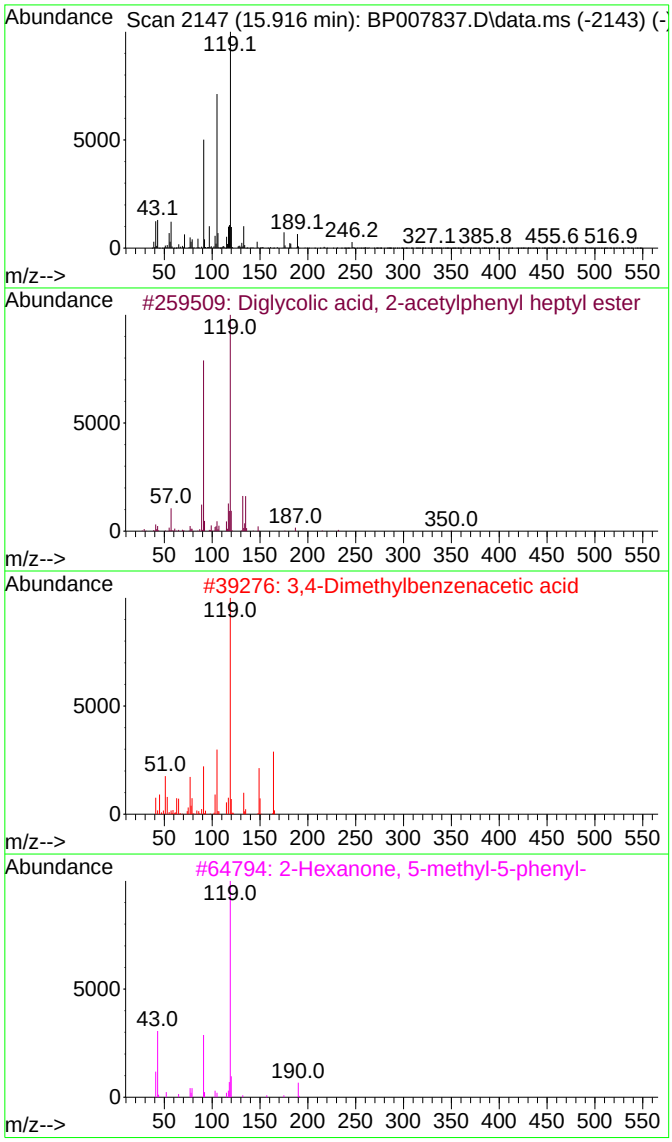
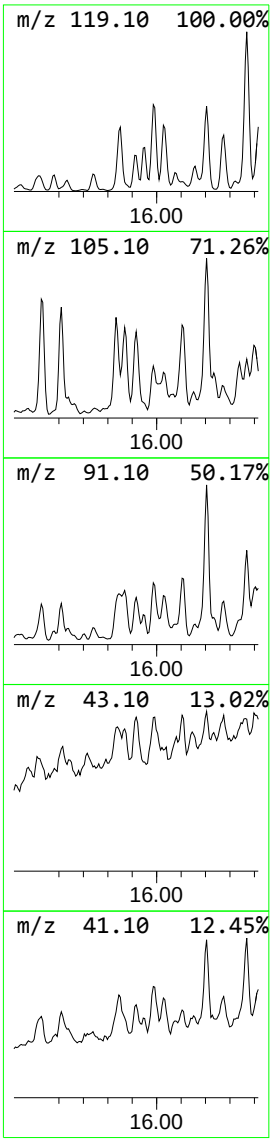
****

Peak Number 6 Diglycolic acid, 2-acetylph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	10.74 ng	1464610	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diglycolic acid, 2-acetylphenyl ...	350	C19H26O6	1000382-72-3	59
2	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	59
3	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	53
4	2,4,4,6-Tetramethyl-6-phenylheptane	232	C17H28	1010293-28-6	53
5	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	53





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Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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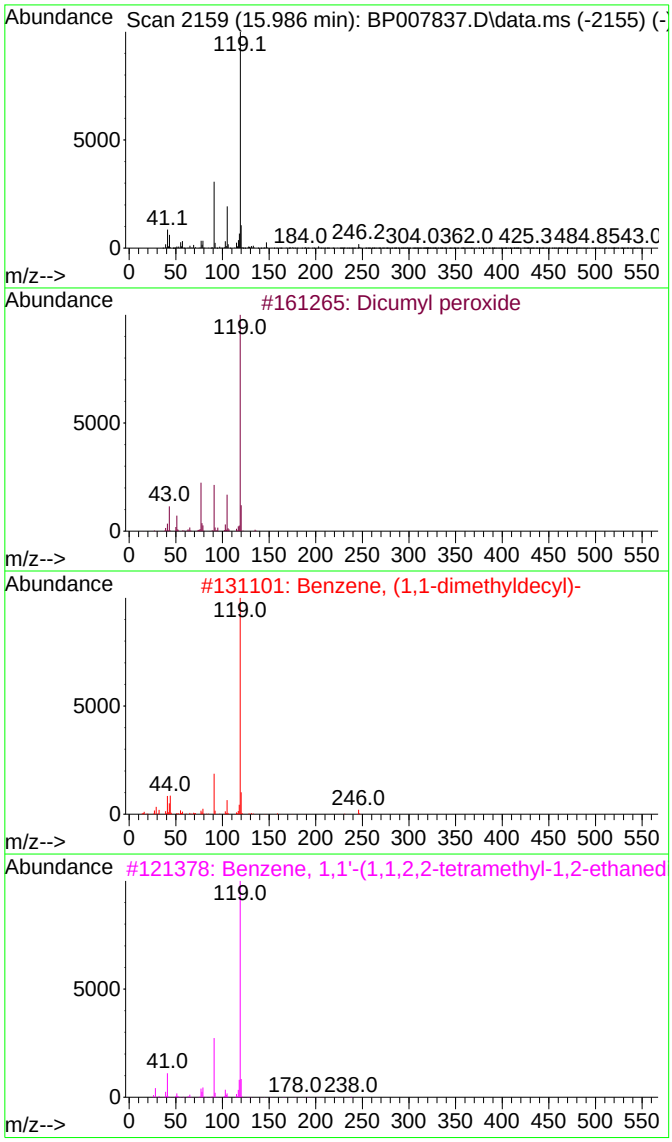
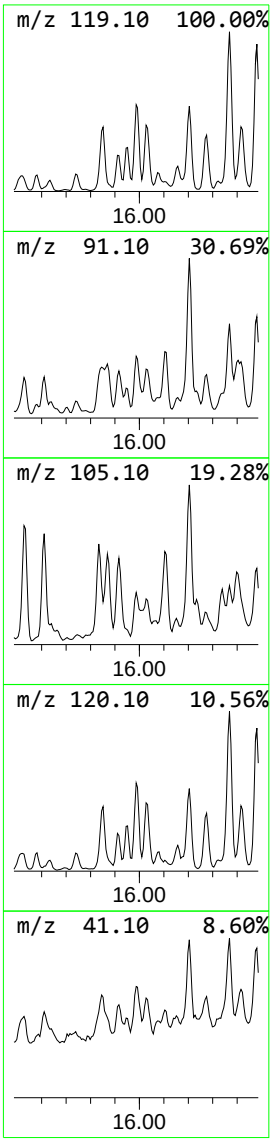
Peak Number 7 Dicumyl peroxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	11.96 ng	2105970	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicumyl peroxide	270	C18H22O2	000080-43-3	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
3	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59





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Operator : CG/JU
Sample : M4427-04 5X
Misc :
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Instrument :
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ClientSampleId :
FDR-BH-4-20211029-7.5-8M

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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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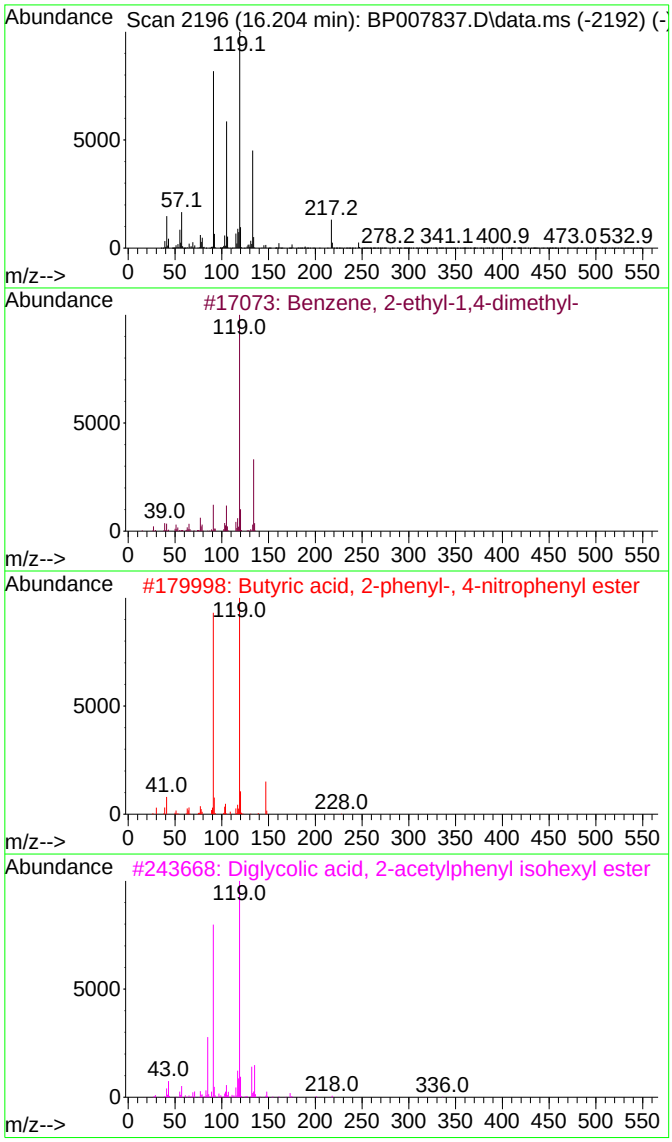
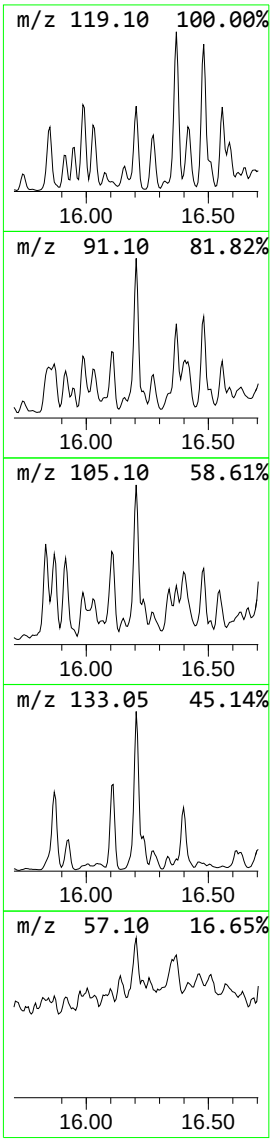
Peak Number 8 Butyric acid, 2-phenyl-, 4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	17.78 ng	3130010	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	52
2	Butyric acid, 2-phenyl-, 4-nitro...	285	C16H15NO4	1000406-87-5	50
3	Diglycolic acid, 2-acetylphenyl ...	336	C18H24O6	1000382-72-1	50
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	50
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50





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Misc :
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ClientSampleId :
FDR-BH-4-20211029-7.5-8M

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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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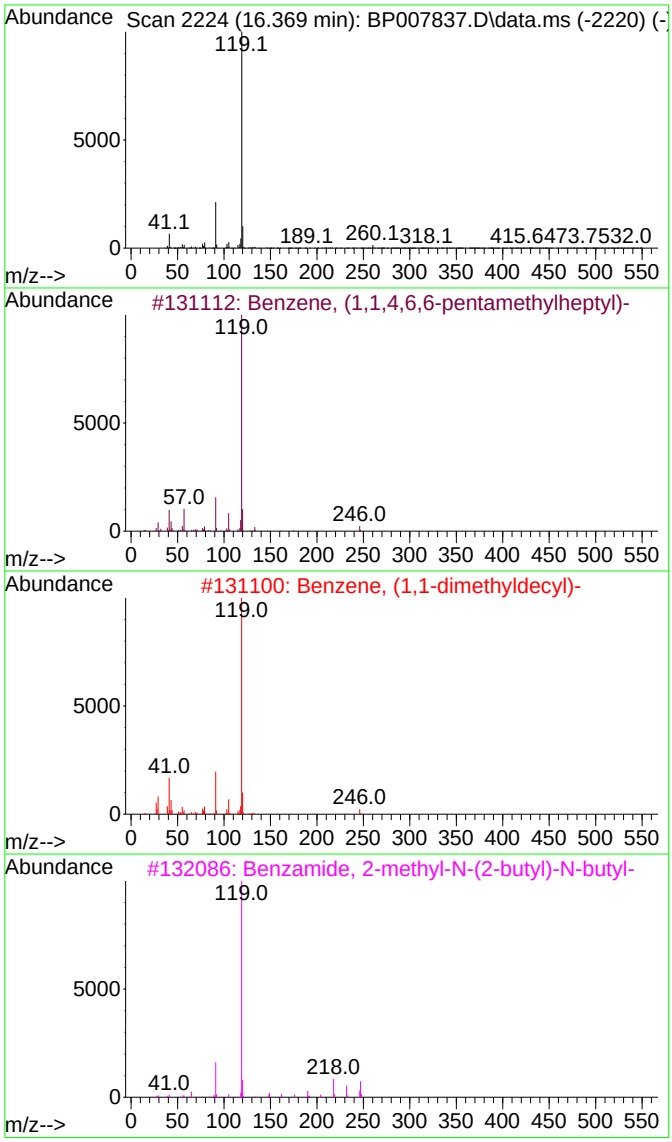
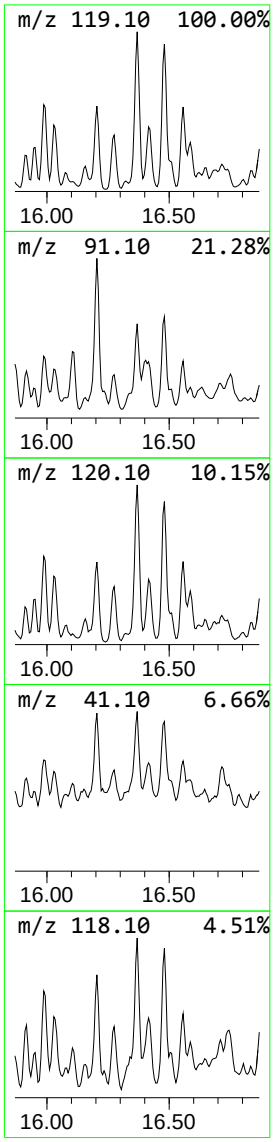
Peak Number 9 Benzene, (1,1,4,6,6-pentame... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.369	12.30 ng	2165310	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	83
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	83
3	Benzamide, 2-methyl-N-(2-butyl)-...	247	C16H25NO	1000464-07-8	78
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
5	Benzamide, 2-methyl-N-(2-pentyl)...	247	C16H25NO	1000490-61-1	78





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Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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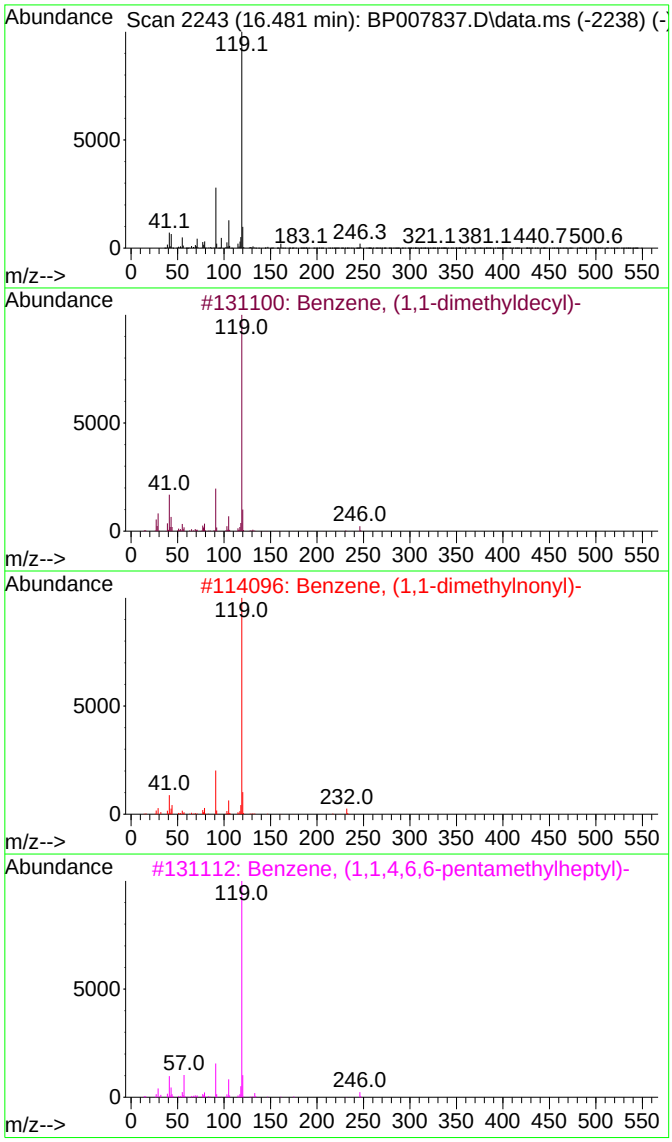
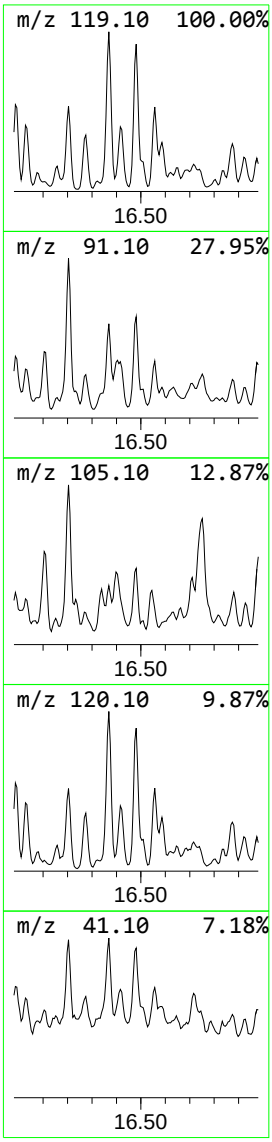
Peak Number 10 Benzene, (1,1-dimethylnonyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	20.82 ng	3665300	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	90
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
4	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	72
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64





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Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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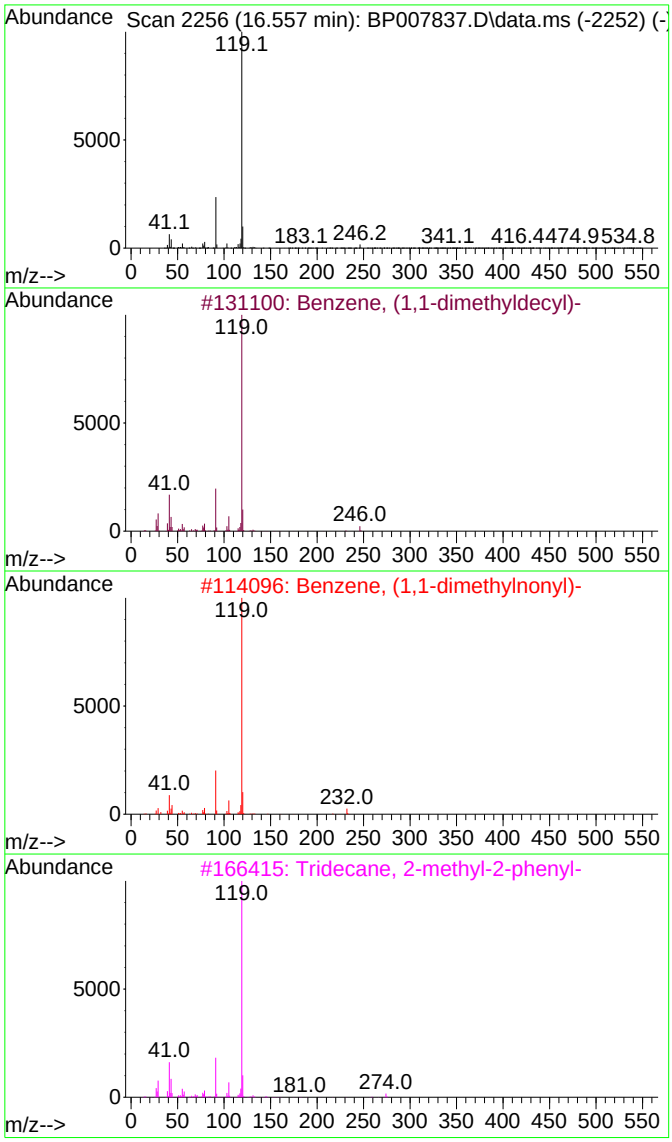
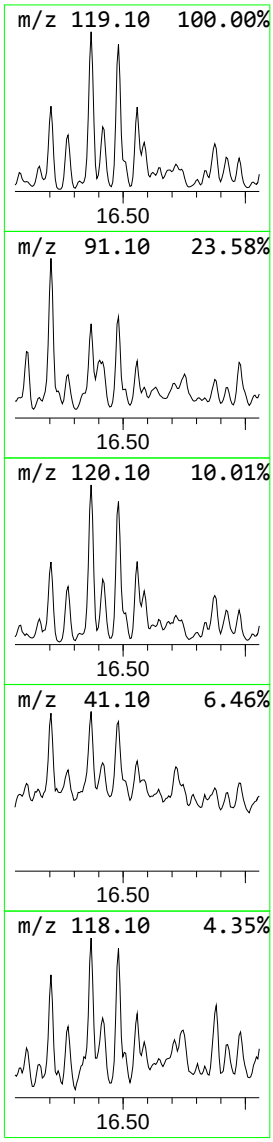
Peak Number 11 Benzene, (1,1-dimethyldecyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.557	8.41 ng	1480520	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	91
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	83
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	83
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
5	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	83





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Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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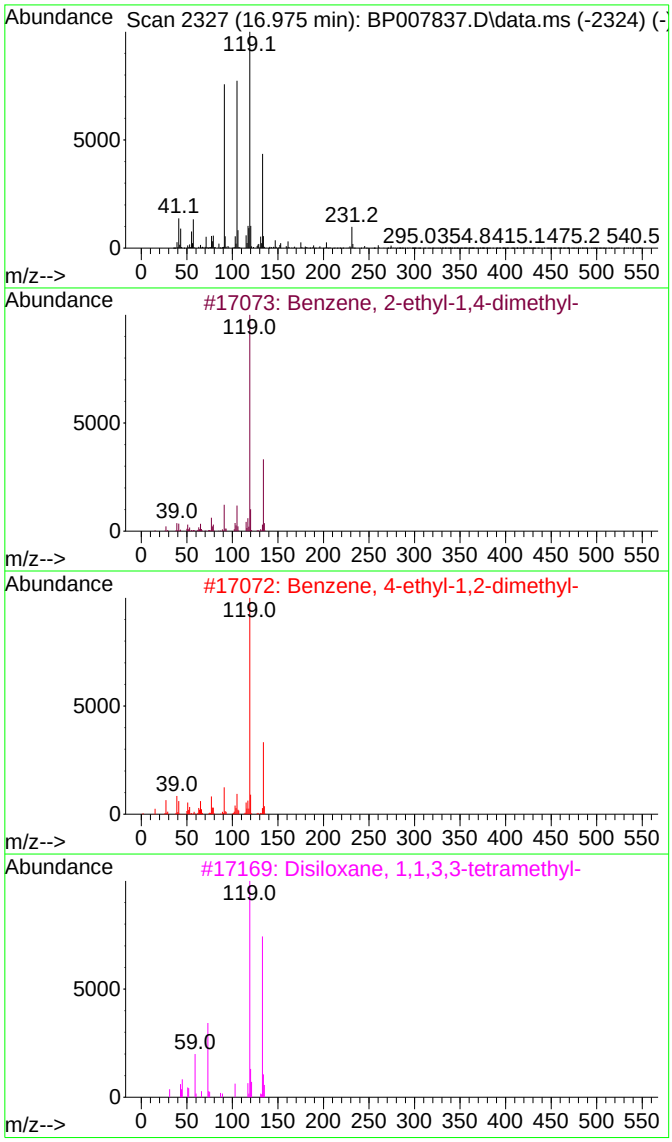
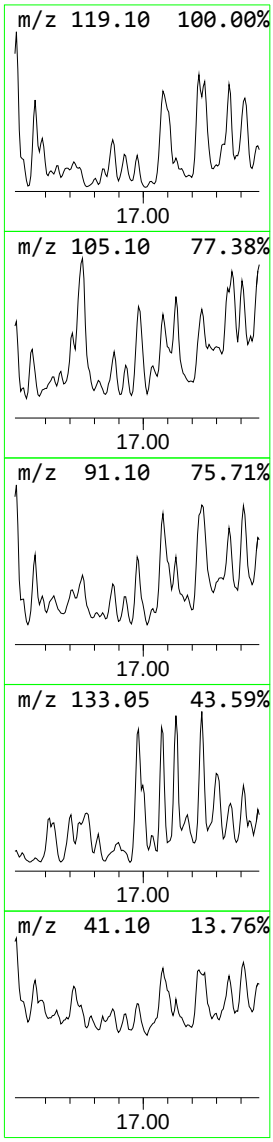
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	9.32 ng	1641400	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
3	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	53
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50





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Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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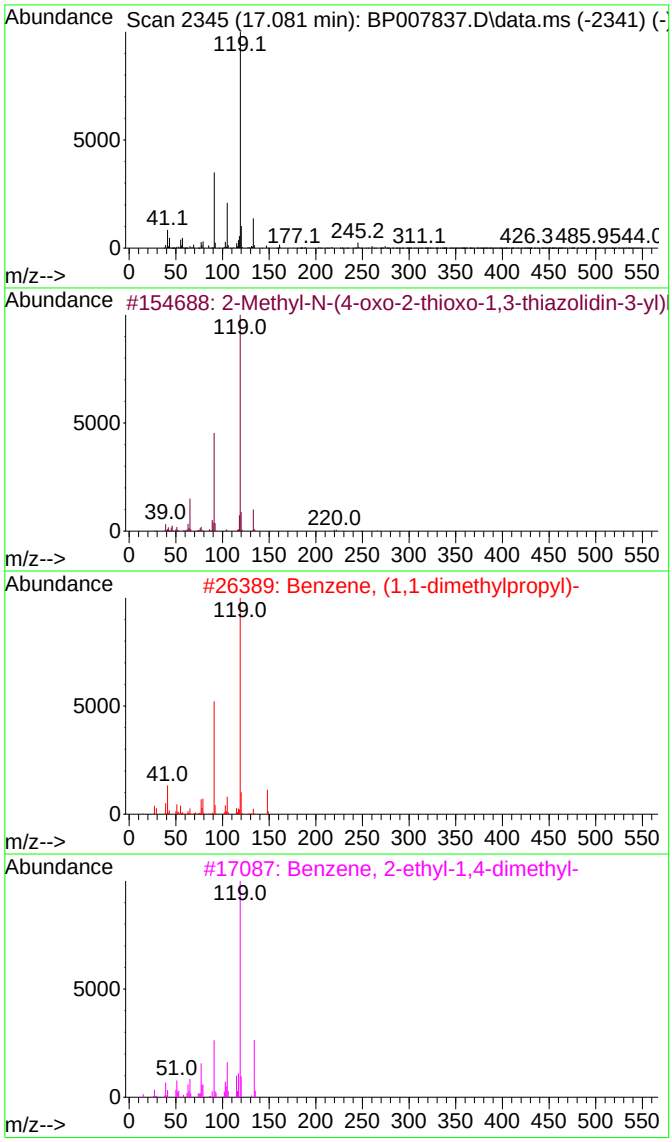
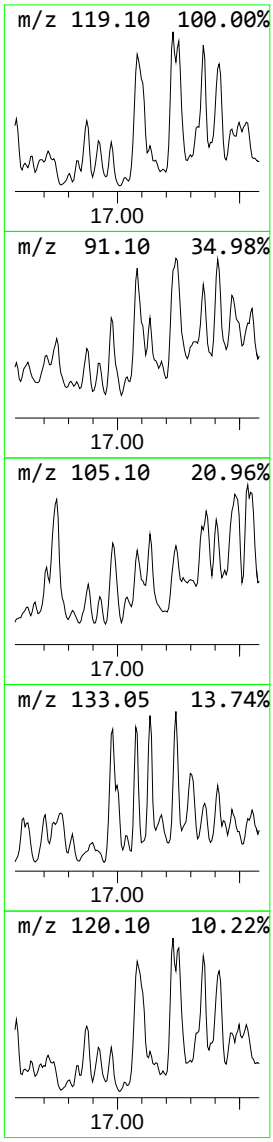
Peak Number 13 2-Methyl-N-(4-oxo-2-thioxo-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.081	17.80 ng	3134460	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-N-(4-oxo-2-thioxo-1,3-t...	266	C11H10N2O2S2	1000486-65-0	59
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	53
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53





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Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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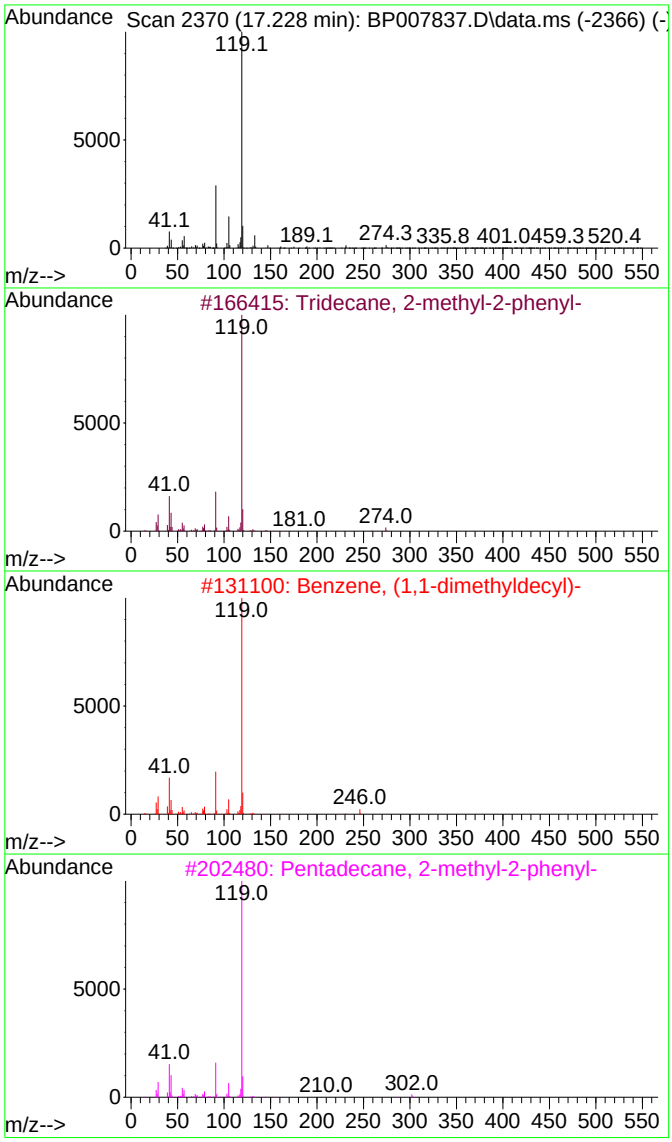
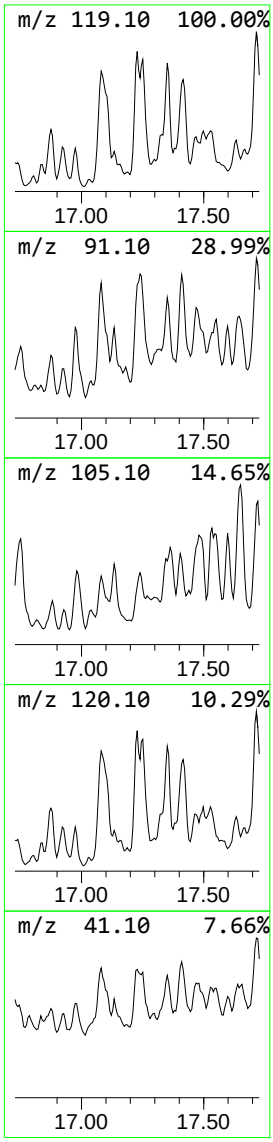
Peak Number 14 Tridecane, 2-methyl-2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.228	11.06 ng	1948010	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	87
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
5	Dicumyl peroxide	270	C18H22O2	000080-43-3	64





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Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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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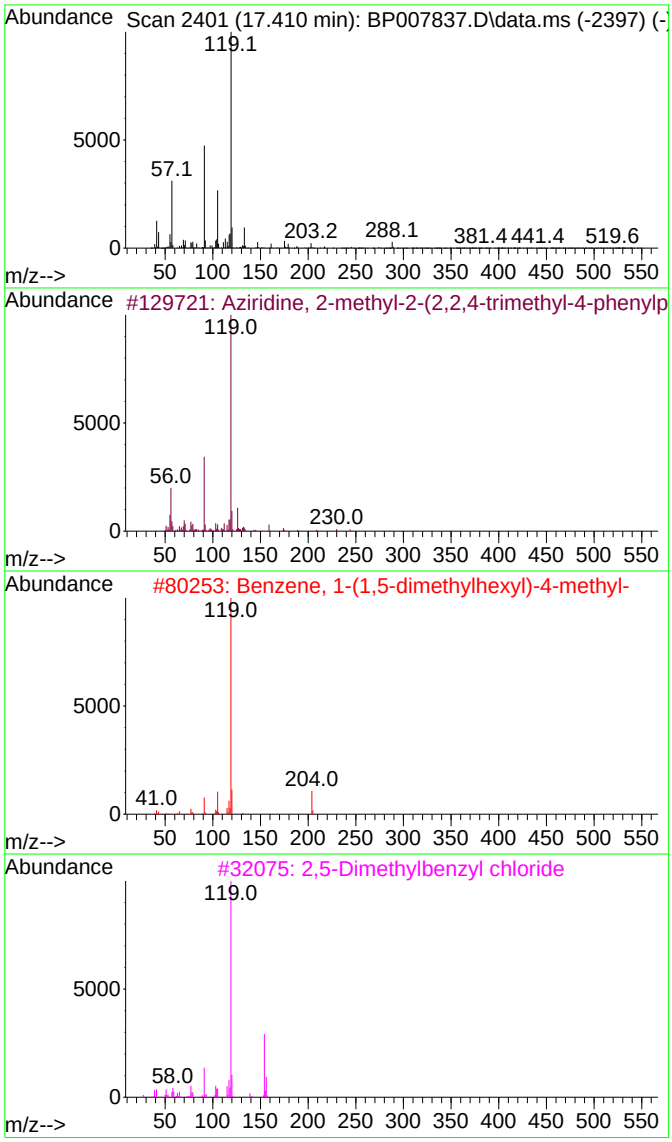
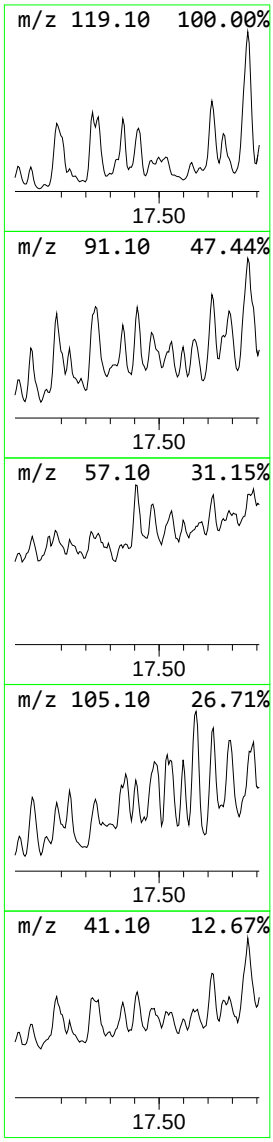
Peak Number 15 Aziridine, 2-methyl-2-(2,2,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.410	13.44 ng	2365780	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	59
2	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	59
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	53
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
5	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	53





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Sample : M4427-04 5X
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
FDR-BH-4-20211029-7.5-8M

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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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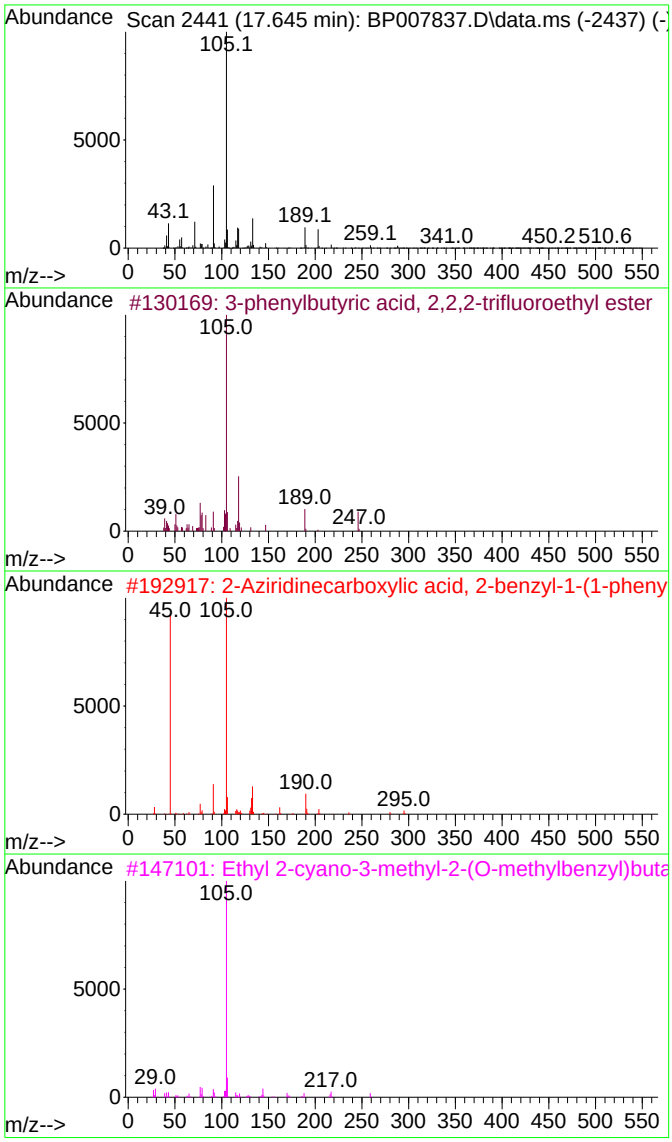
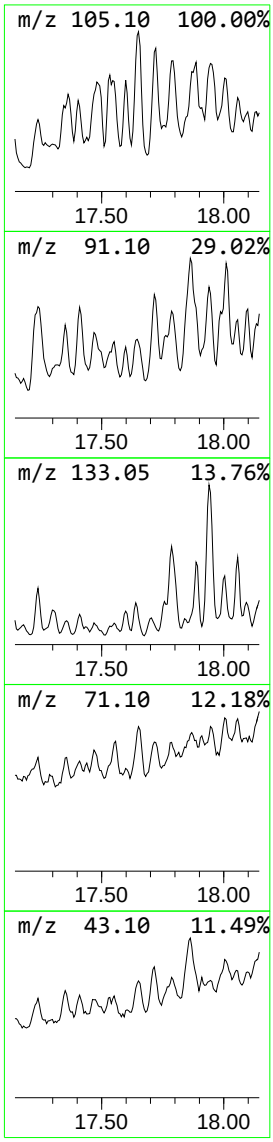
Peak Number 16 unknown17.645 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	10.61 ng	1867930	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	25
2	2-Aziridinecarboxylic acid, 2-be...	295	C19H21NO2	1000196-90-8	25
3	Ethyl 2-cyano-3-methyl-2-(O-meth...	259	C16H21NO2	029107-35-5	22
4	Hydratropic acid, octyl ester	262	C17H26O2	1000415-06-5	17
5	Benzoylglycylglycine	236	C11H12N2O4	001145-32-0	17





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Sample : M4427-04 5X
Misc :
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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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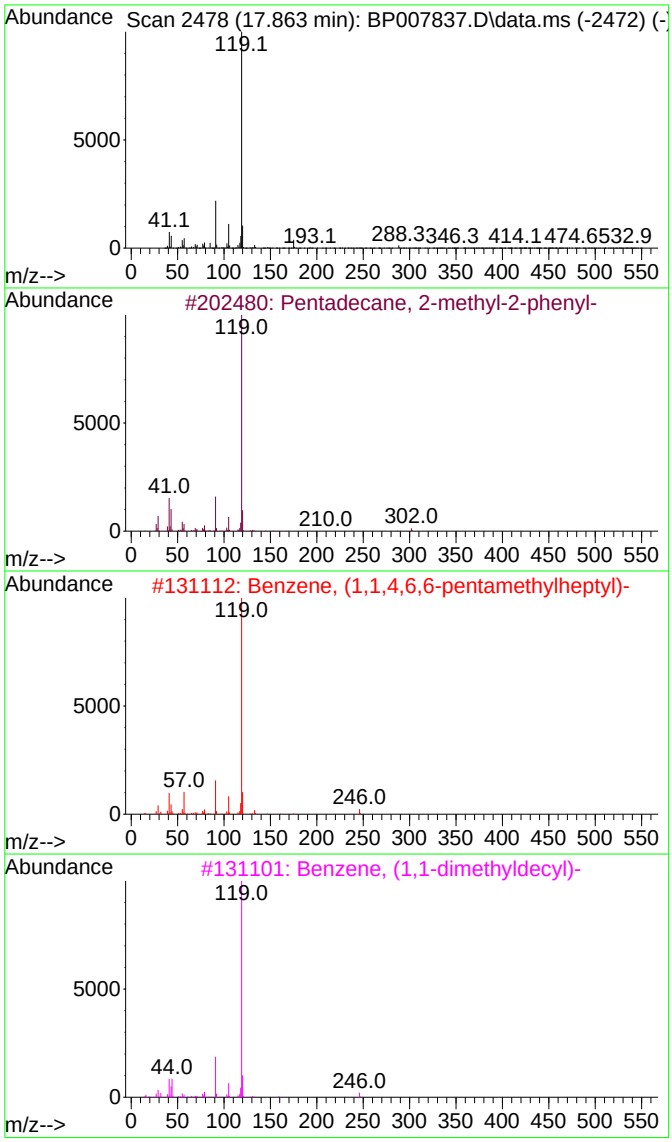
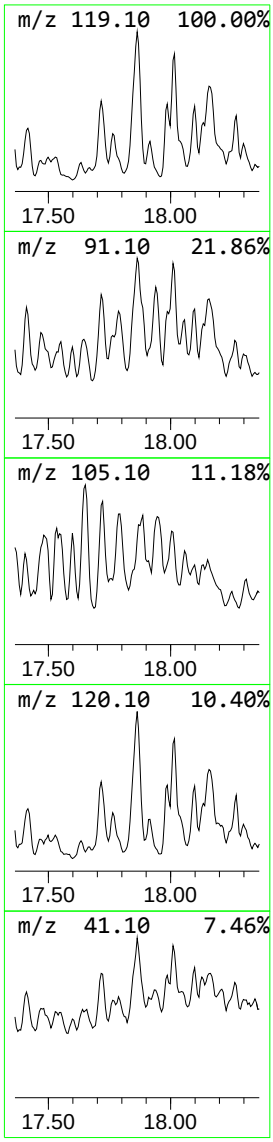
Peak Number 18 Pentadecane, 2-methyl-2-phe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.863	38.25 ng	6734660	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	87
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	83
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	83
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	80
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72





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Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

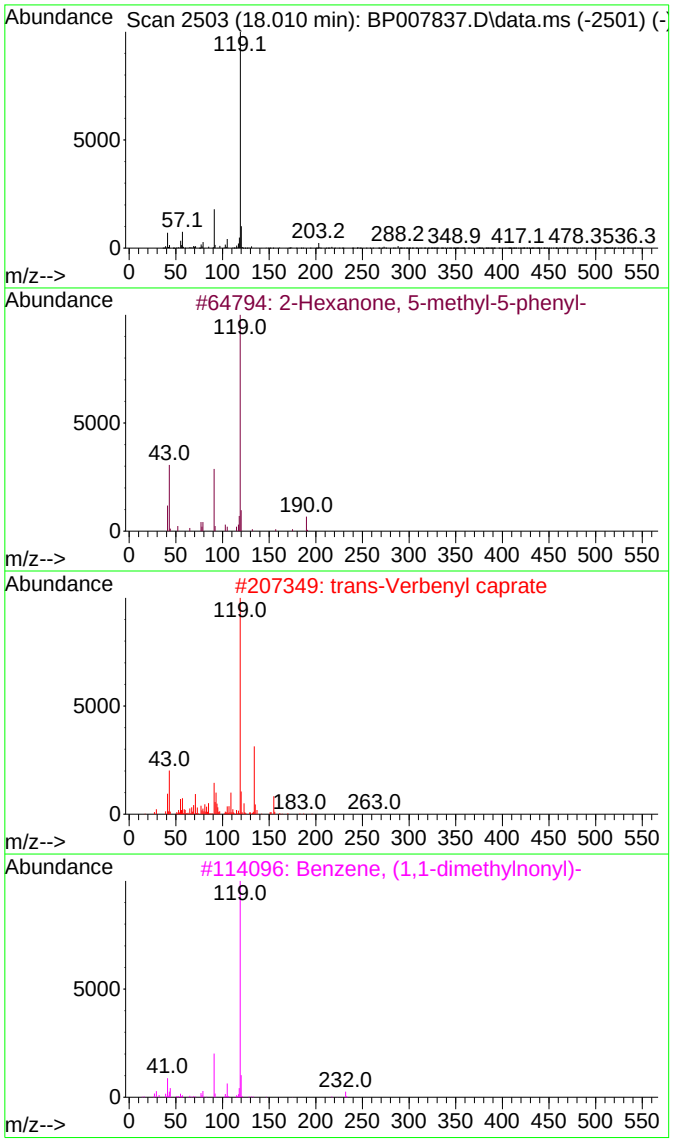
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

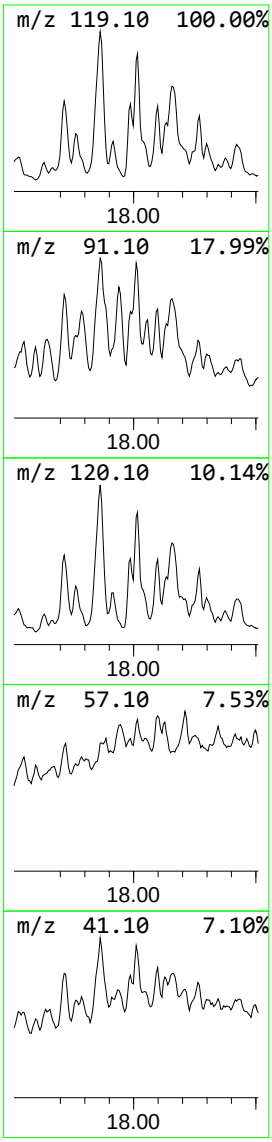
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Hexanone, 5-methyl-5-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	12.63 ng	2223900	Phenanthrene-d10	17.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	78
2	trans-Verbenyl caprate	306	C20H34O2	1000414-14-7	72
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72
4	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	72
5	o-Toluylamide, N-(2-phenylethyl)...	463	C32H49NO	1000451-66-7	64





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Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

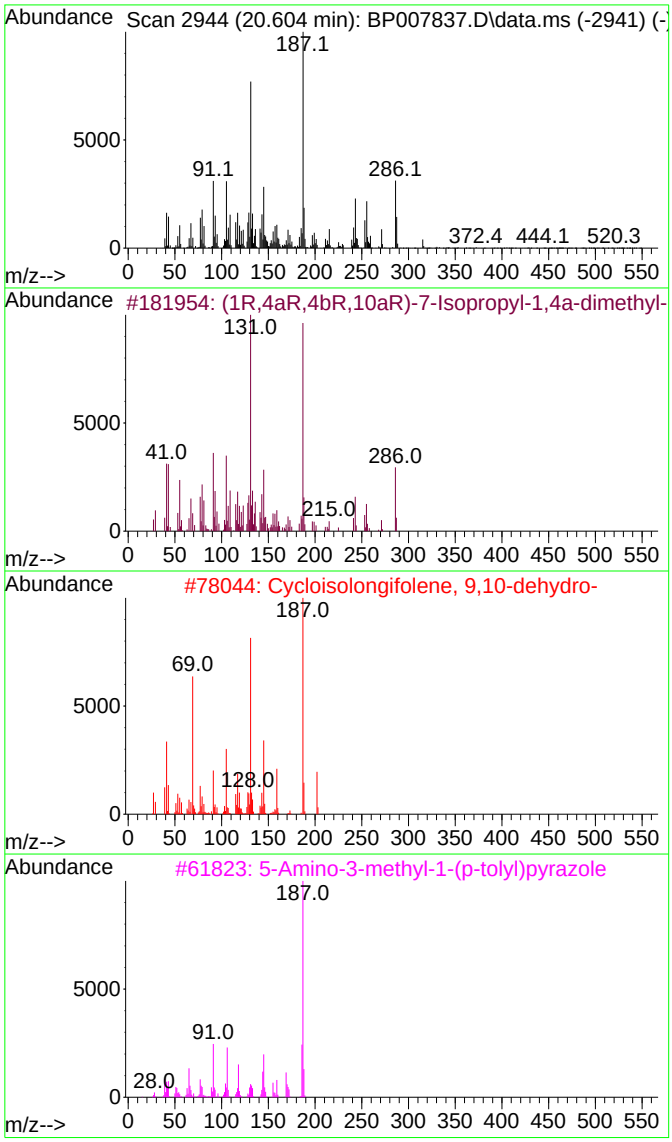
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

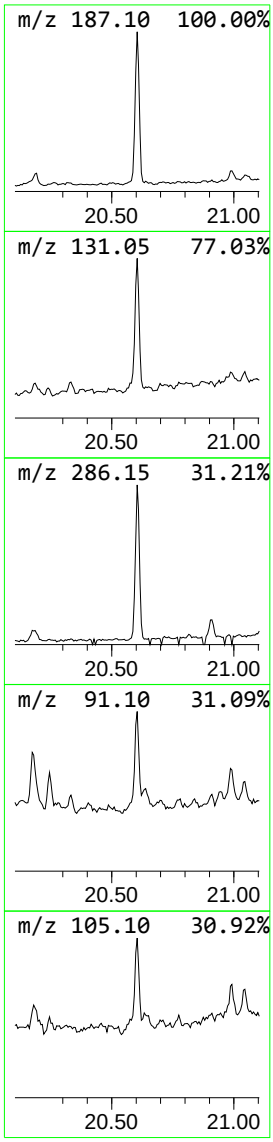
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (1R,4aR,4bR,10aR)-7-Isoprop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.604	7.96 ng	1720810	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R,4aR,4bR,10aR)-7-Isopropyl-1,...	286	C20H30O	006704-50-3	96
2	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	62
3	5-Amino-3-methyl-1-(p-tolyl)pyra...	187	C11H13N3	062535-60-8	38
4	1-Indanone, 3,3,5,6,7-pentamethyl-	202	C14H18O	016204-69-6	35
5	3-Methyl-1-(3-methylphenyl)-1H-p...	187	C11H13N3	092721-83-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007837.D
Acq On : 03 Nov 2021 23:16
Operator : CG/JU
Sample : M4427-04 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.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
.alpha.-Pinene	6.610	44.6	ng	3068040	1	7.922	1375720	20.0
unknown13.622	13.622	10.2	ng	1392600	3	14.557	2726500	20.0
unknown15.528	15.528	12.4	ng	1693770	3	14.557	2726500	20.0
unknown15.610	15.610	8.6	ng	1171230	3	14.557	2726500	20.0
(R)-1-Methyl-4-...	15.845	18.5	ng	2518830	3	14.557	2726500	20.0
Diglycolic acid...	15.916	10.7	ng	1464610	3	14.557	2726500	20.0
Dicumyl peroxide	15.986	12.0	ng	2105970	4	17.316	3521740	20.0
Butyric acid, 2...	16.204	17.8	ng	3130010	4	17.316	3521740	20.0
Benzene, (1,1,4...	16.369	12.3	ng	2165310	4	17.316	3521740	20.0
Benzene, (1,1-d...	16.480	20.8	ng	3665300	4	17.316	3521740	20.0
Benzene, (1,1-d...	16.557	8.4	ng	1480520	4	17.316	3521740	20.0
Benzene, 2-ethy...	16.975	9.3	ng	1641400	4	17.316	3521740	20.0
2-Methyl-N-(4-o...	17.081	17.8	ng	3134460	4	17.316	3521740	20.0
Tridecane, 2-me...	17.228	11.1	ng	1948010	4	17.316	3521740	20.0
Aziridine, 2-me...	17.410	13.4	ng	2365780	4	17.316	3521740	20.0
unknown17.645	17.645	10.6	ng	1867930	4	17.316	3521740	20.0
Pentadecane, 2-...	17.863	38.3	ng	6734660	4	17.316	3521740	20.0
2-Hexanone, 5-m...	18.010	12.6	ng	2223900	4	17.316	3521740	20.0
(1R,4aR,4bR,10a...	20.604	8.0	ng	1720810	5	21.410	4323970	20.0