LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	401	408	415	rBV	455906	696311	6.76%	0.420%
2	6.981	667	679	691	rBV	396236	721162	7.00%	0.435%
3	7.793	810	817	826	rBV	457110	721645	7.01%	0.435%
4	8.952	1008	1014	1023	rBV	263928	462455	4.49%	0.279%
5	9.046	1023	1030	1036	rVB3	58826	133295	1.29%	0.080%
6	10.593	1282	1293	1297	rBV	587395	1091238	10.60%	0.658%
7	10.640	1297	1301	1309	rVB	906945	1481587	14.39%	0.894%
8	12.257	1570	1576	1585	rVB	352456	535095	5.20%	0.323%
9	12.369	1590	1595	1605	rBV2	51890	108155	1.05%	0.065%
10	12.475	1605	1613	1619	rBV	215449	367067	3.57%	0.221%
11	13.057	1707	1712	1721	rVB	655955	1005458	9.77%	0.607%
12	13.275	1744	1749	1753	rBV	163967	242996	2.36%	0.147%
13	13.475	1779	1783	1784	rBV2	84496	112052	1.09%	0.068%
14	13.604	1799	1805	1816	rVB2	248605	470207	4.57%	0.284%
15	13.763	1827	1832	1837	rVB	99854	170454	1.66%	0.103%
16	13.816	1837	1841	1846	rVB2	111099	152185	1.48%	0.092%
17	13.916	1852	1858	1865	rBV2	156971	387297	3.76%	0.234%
18	14.210	1905	1908	1911	rBV	139317	181857	1.77%	0.110%
19	14.440	1941	1947	1953	rVB	859992	1300570	12.63%	0.785%
20	14.504	1953	1958	1967	rVB2	1274697	1943627	18.88%	1.173%
21	14.616	1973	1977	1981	rVV	165650	206201	2.00%	0.124%
22	14.657	1981	1984	1989	rVB2	75322	111002	1.08%	0.067%
23	14.846	2010	2016	2023	rBV2	715114	1241250	12.06%	0.749%
24	14.916	2024	2028	2030	rVV	192423	272587	2.65%	0.164%
25	14.946	2030	2033	2039	rVB	186610	239412	2.33%	0.144%
26	15.081	2048	2056	2058	rBV4	115400	245115	2.38%	0.148%
27	15.116	2059	2062	2064	rBV	145893	191344	1.86%	0.115%
28	15.251	2077	2085	2091	rBV	392329	740105	7.19%	0.447%
29	15.304	2091	2094	2096	rBV2	125495	165848	1.61%	0.100%
30	15.404	2105	2111	2116	rVB2	834859	1469772	14.27%	0.887%
31	15.457	2116	2120	2122	rBV	218472	288505	2.80%	0.174%
32	15.493	2122	2126	2138	rVB2	1721487	3071032	29.83%	1.853%
33	15.587	2139	2142	2144	rBV3	90267	107410	1.04%	0.065%
34	15.622	2144	2148	2151	rBV	255062	304653	2.96%	0.184%
35	15.657	2151	2154	2158	rVB2	150210	185255	1.80%	0.112%
36	15.728	2159	2166	2168	rBV2	1006245	2141566	20.80%	1.292%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.793	2173	2177	2181	rBV2	1098891	1402619	13.62%	0.846%
38	15.828	2181	2183	2186	rVB	404980	397108	3.86%	0.240%
39	15.869	2186	2190	2194	rBV	1173314	1719518	16.70%	1.038%
40	15.910	2194	2197	2200	rVV	657885	782589	7.60%	0.472%
41	15.945	2200	2203	2207	rVV2	467558	638003	6.20%	0.385%
42	15.987	2207	2210	2214	rVB	968615	1233055	11.98%	0.744%
43	16.034	2214	2218	2220	rBV2	277731	328196	3.19%	0.198%
44	16.087	2221	2227	2235	rVB	2630048	3805051	36.96%	2.296%
45	16.151	2235	2238	2244	rVB	774046	1142695	11.10%	0.689%
46	16.251	2247	2255	2258	rBV	2148034	3147931	30.57%	1.899%
47	16.298	2258	2263	2268	rVB2	1028369	2093684	20.33%	1.263%
48	16.363	2268	2274	2277	rBV	2439833	3404892	33.07%	2.054%
49	16.440	2282	2287	2290	rBV2	1133472	1823259	17.71%	1.100%
50	16.592	2309	2313	2315	rBV3	423678	604791	5.87%	0.365%
51	16.763	2337	2342	2346	rVB	692674	1002980	9.74%	0.605%
52	16.810	2347	2350	2354	rVB2	580992	696493	6.76%	0.420%
53	16.863	2354	2359	2365	rVB2	1387079	2227621	21.64%	1.344%
54	16.963	2365	2376	2383	rBV	1982698	5742436	55.77%	3.465%
55	17.016	2383	2385	2392	rVB2	1203542	1603425	15.57%	0.967%
56	17.116	2396	2402	2403	rBV	1831554	2722660	26.44%	1.643%
57	17.210	2414	2418	2419	rBV	970457	1154468	11.21%	0.697%
58	17.257	2420	2426	2430	rVV2	5898205	10038154	97.49%	6.057%
59	17.298	2430	2433	2437	rVB3	1188751	1660331	16.13%	1.002%
60	17.345	2437	2441	2449	rVB4	1966692	3849905	37.39%	2.323%
61	17.416	2449	2453	2455	rBV2	818186	1144209	11.11%	0.690%
62	17.487	2461	2465	2468	rBV	885680	1191174	11.57%	0.719%
63	17.534	2468	2473	2479	rVB4	1313127	2740590	26.62%	1.654%
64	17.610	2480	2486	2490	rBV3	2713312	5412041	52.56%	3.266%
65	17.651	2490	2493	2494	rBV	525919	608972	5.91%	0.367%
66	17.757	2503	2511	2517	rBV2	3330563	8809528	85.56%	5.316%
67	17.828	2520	2523	2528	rVB4	1257597	2210326	21.47%	1.334%
68	17.875	2528	2531	2533	rBV	1530219	2029442	19.71%	1.225%
69	17.904	2533	2536	2539	rVB	2135097	2601403	25.27%	1.570%
70	17.987	2546	2550	2553	rBV	1669039	1975342	19.19%	1.192%
71	18.022	2553	2556	2557	rBV2	899638	969215	9.41%	0.585%
72	18.045	2558	2560	2565	rVB	1132522	1907118	18.52%	1.151%
73	18.134	2572	2575	2576	rBV2	913036	985823	9.57%	0.595%
74	18.275	2595	2599	2603	rBV2	805734	1252230	12.16%	0.756%
75	18.387	2615	2618	2622	rBV	688231	865829	8.41%	0.522%
76	18.575	2646	2650	2652	rBV2	824467	1297082	12.60%	0.783%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

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-BP112521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.751	2677	2680	2686	rBV3	584576	1138491	11.06%	0.687%
78	18.881	2699	2702	2706	rBV4	587867	1085306	10.54%	0.655%
79	19.028	2724	2727	2731	rVB	890642	1178257	11.44%	0.711%
80	19.239	2756	2763	2767	rBV	6859889	10296243	100.00%	6.213%
81	19.586	2819	2822	2830	rVB	4633187	6803829	66.08%	4.105%
82	19.781	2849	2855	2858	rBV2	1074856	1745009	16.95%	1.053%
83	20.069	2901	2904	2908	rVB	1001089	1200119	11.66%	0.724%
84	20.163	2917	2920	2924	rBV	748919	910901	8.85%	0.550%
85	21.304	3109	3114	3119	rBV3	3298534	5685478	55.22%	3.431%
86	21.351	3119	3122	3127	rVB	2804261	3323628	32.28%	2.005%
87	21.469	3139	3142	3148	rVB	685032	920147	8.94%	0.555%
88	22.986	3394	3400	3405	rBV	1991944	4760872	46.24%	2.873%
89	23.169	3427	3431	3437	rVB	394284	665294	6.46%	0.401%
90	23.504	3482	3488	3497	rVB	1225198	2640477	25.65%	1.593%
91	23.610	3499	3506	3512	rVB	1886831	3631177	35.27%	2.191%
92	23.710	3519	3523	3527	rBV2	453702	819854	7.96%	0.495%
93	23.763	3529	3532	3541	rVB2	569284	1090454	10.59%	0.658%
94	26.216	3941	3949	3960	rVB	981597	2998980	29.13%	1.810%
95	26.980	4072	4079	4097	rVB	669328	2349561	22.82%	1.418%

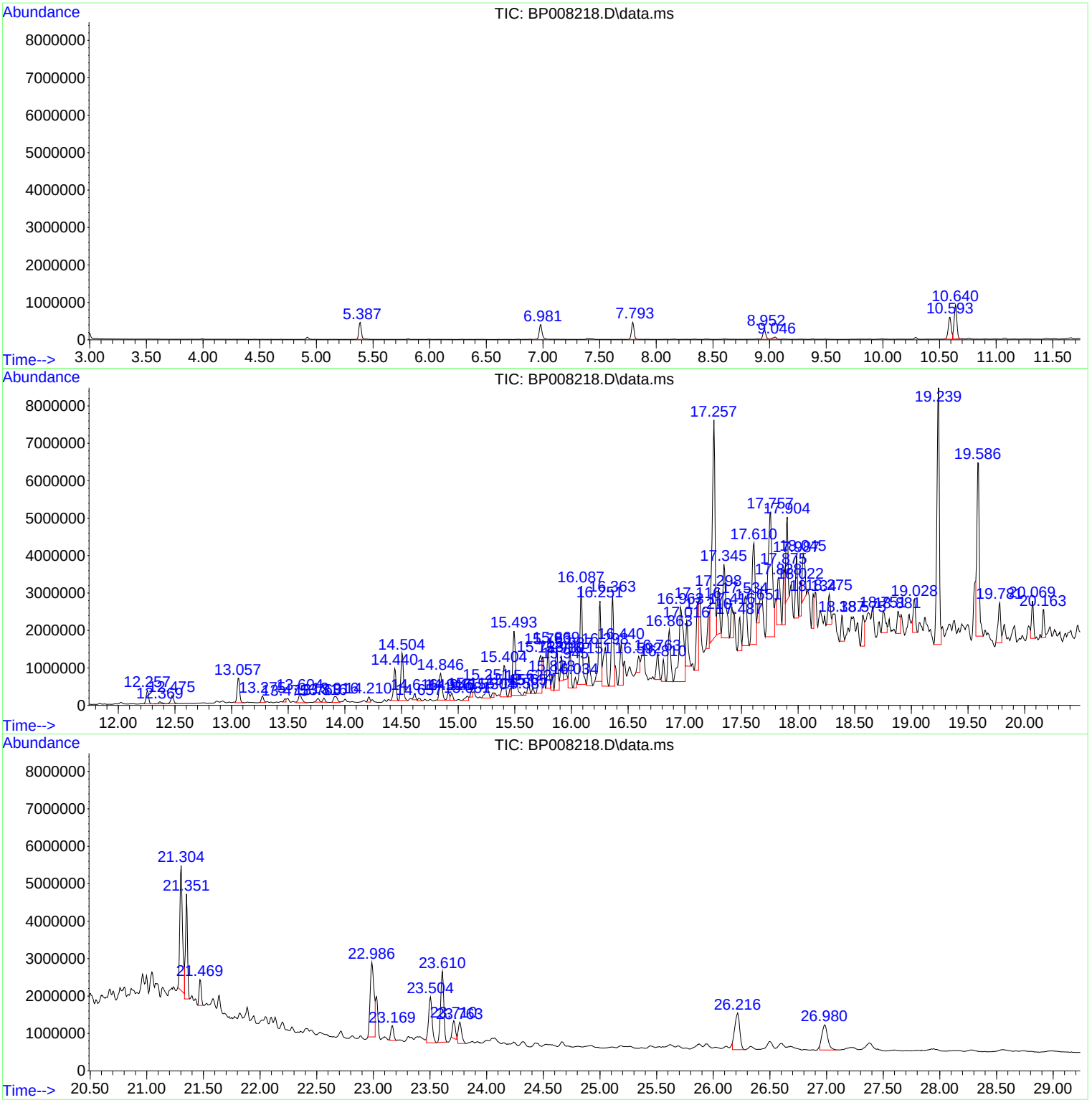
Sum of corrected areas: 165732035

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

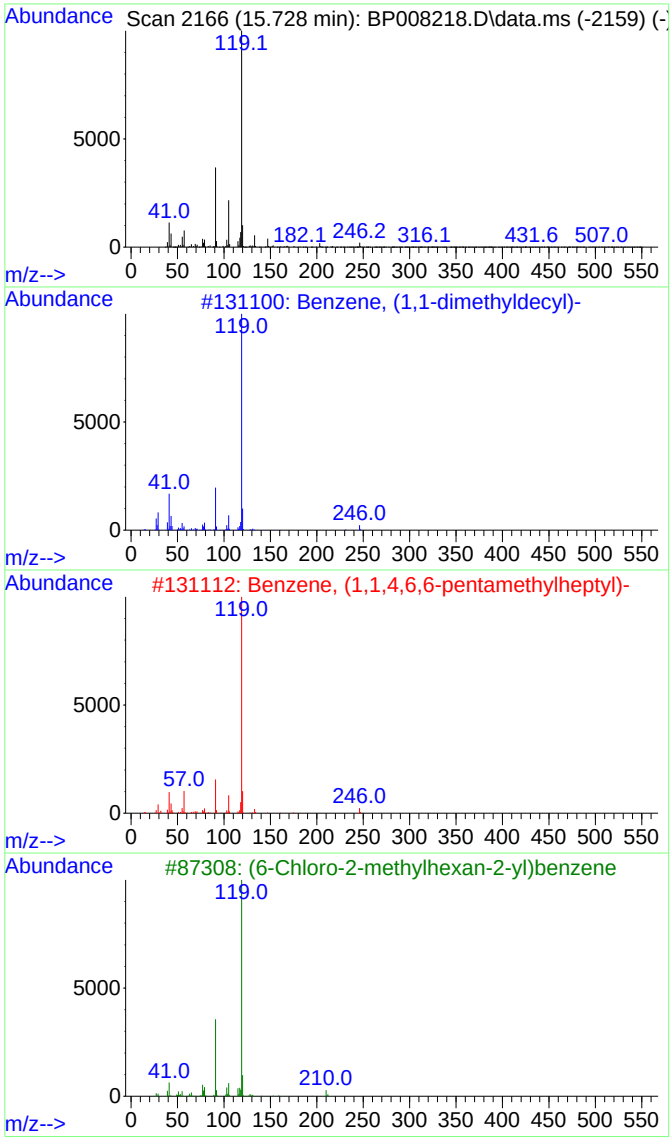
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

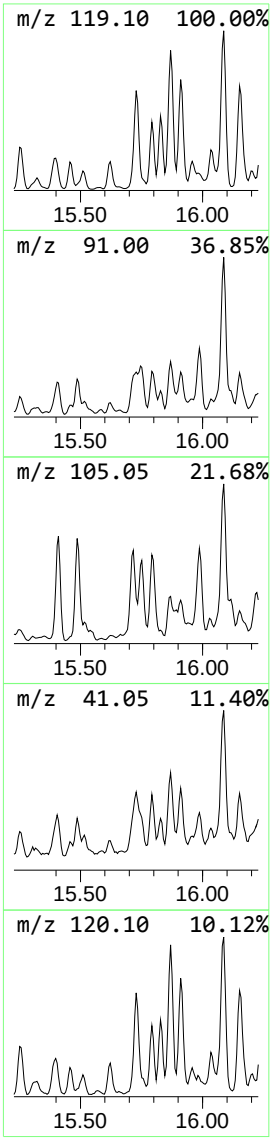
****

Peak Number 1 Benzene, (1,1-dimethyldecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	32.93 ng	2141570	Acenaphthene-d10	14.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	76
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
3	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	59
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

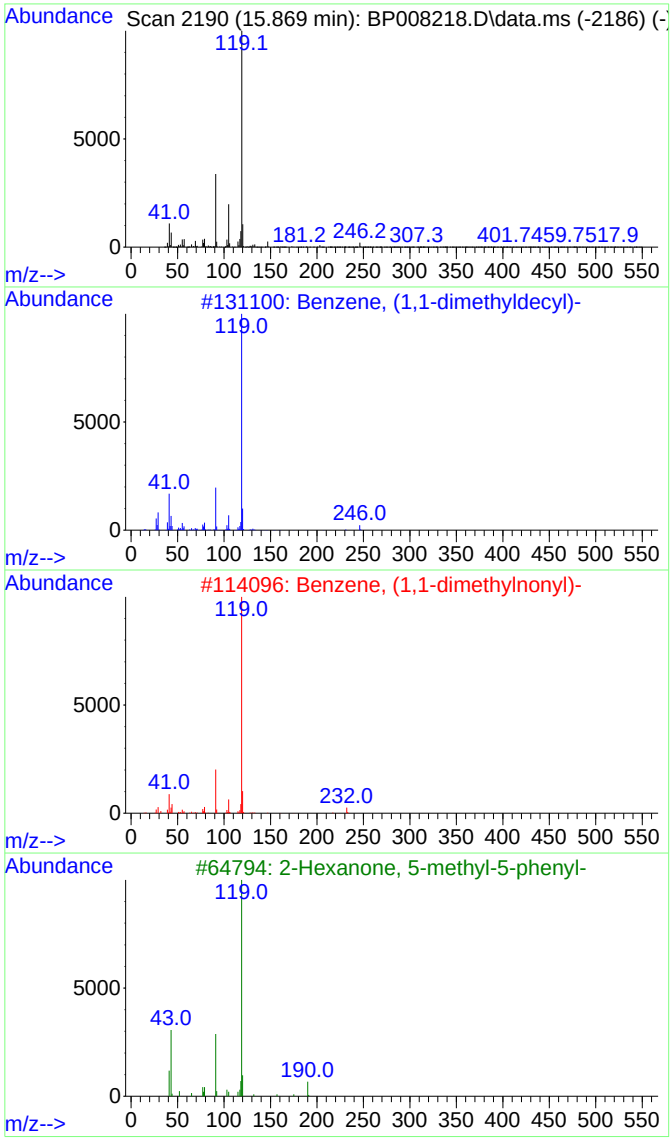
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

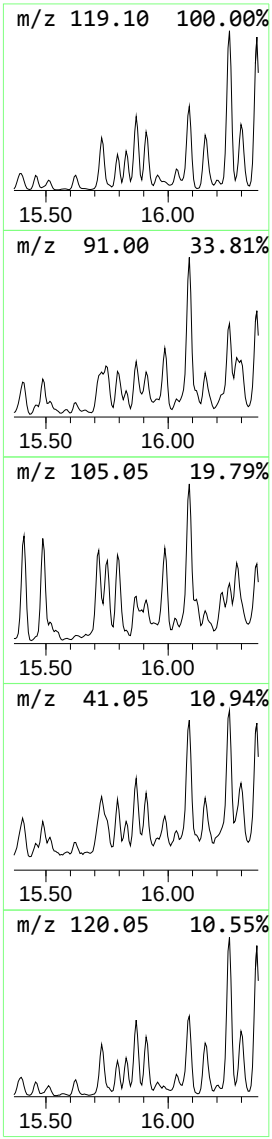
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, (1,1-dimethylnonyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.869	29.79 ng	1719520	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	74
2	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
3	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	64
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

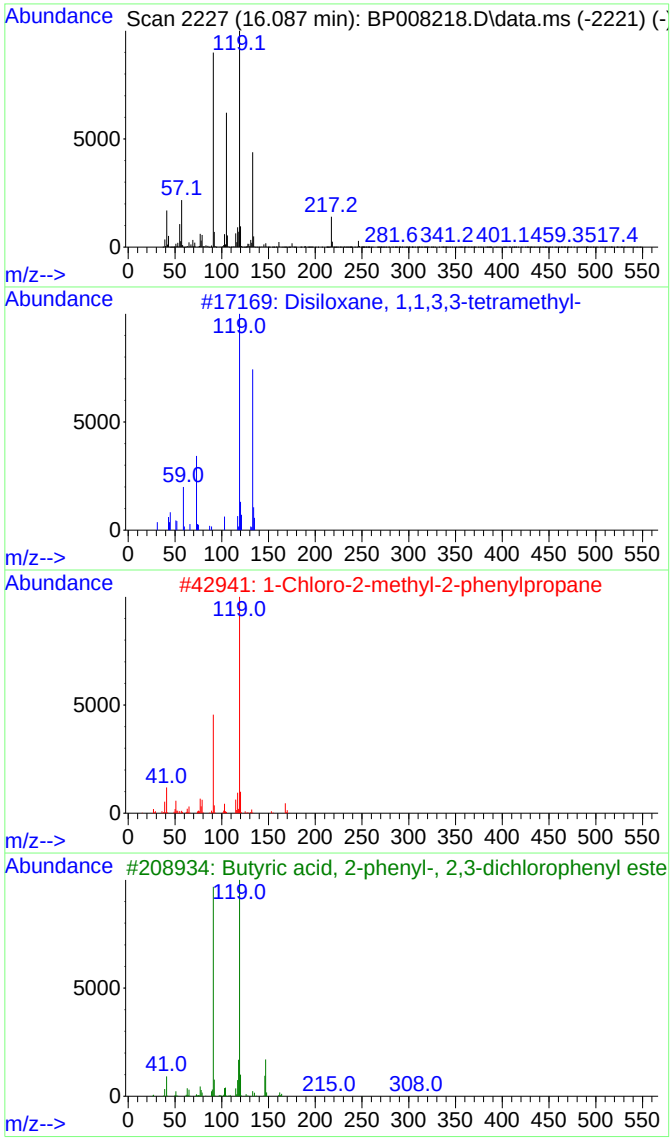
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

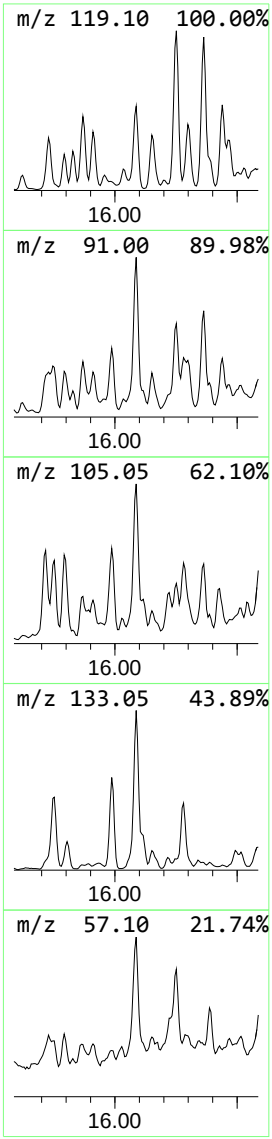
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Disiloxane, 1,1,3,3-tetrame... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.087	65.92 ng	3805050	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	59
2	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	50
3	Butyric acid, 2-phenyl-, 2,3-dic...	308	C16H14Cl2O2	1000406-86-5	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
5	Diglycolic acid, 2-acetylphenyl ...	280	C14H16O6	1000382-71-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

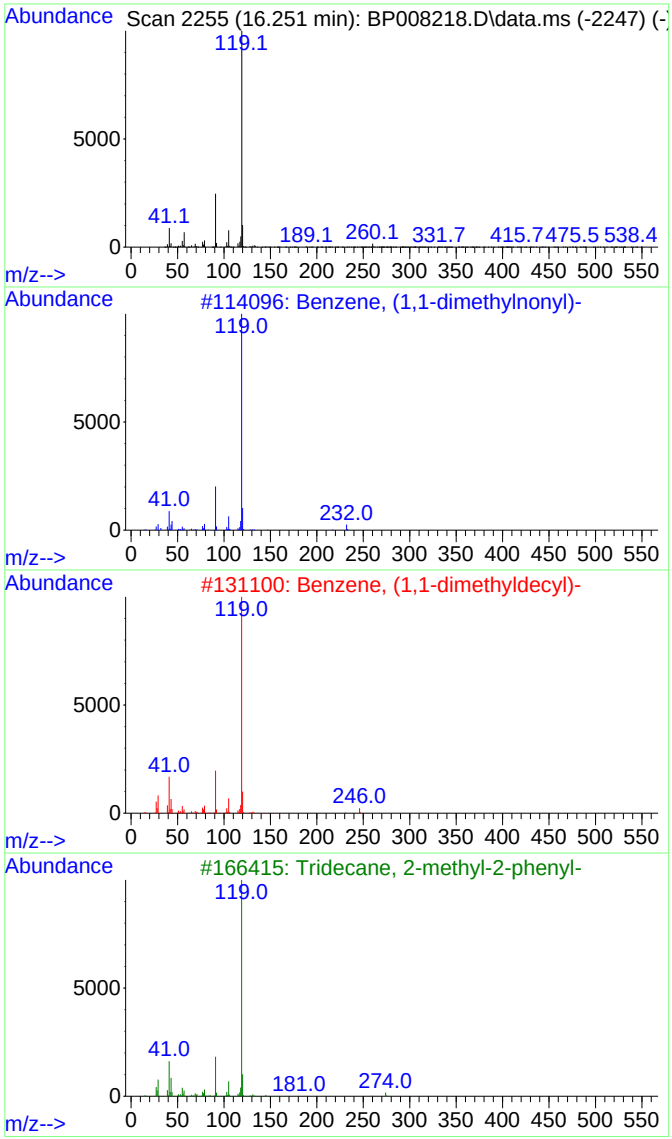
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

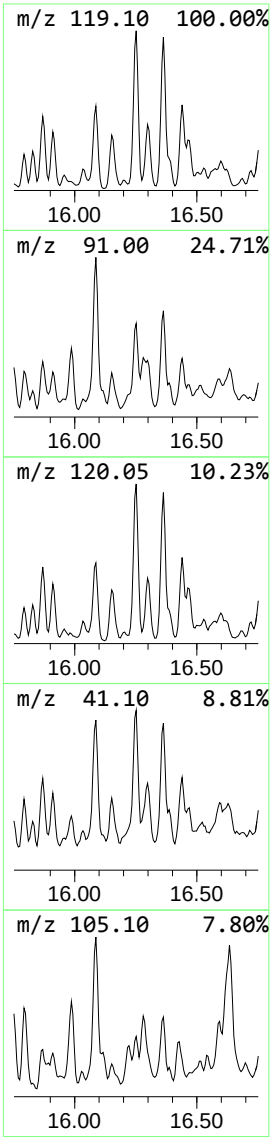
****

Peak Number 4 Tridecane, 2-methyl-2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.251	54.53 ng	3147930	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	91
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	83
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	83
4	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	83
5	3-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-26-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

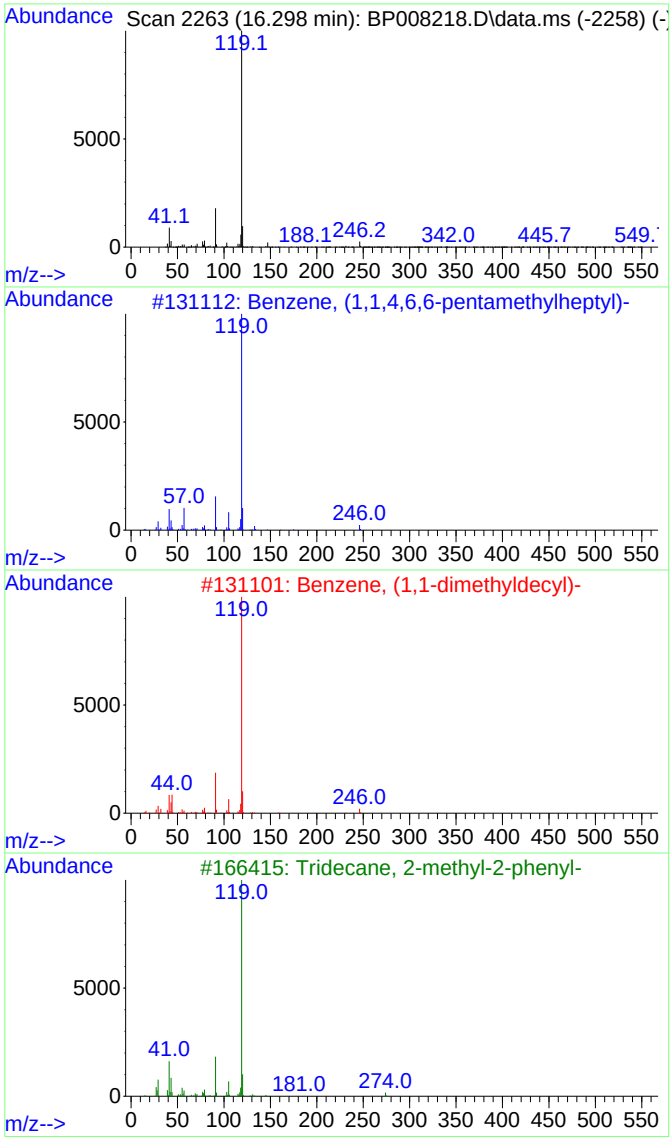
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

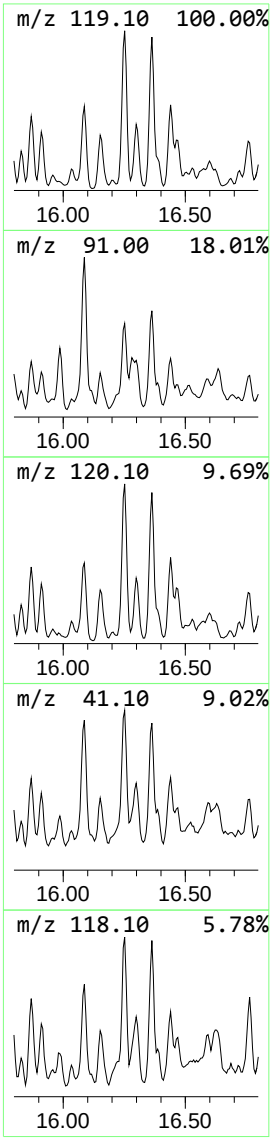
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1,1,4,6,6-pentame... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.298	36.27 ng	2093680	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	91
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	91
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
5	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	78





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

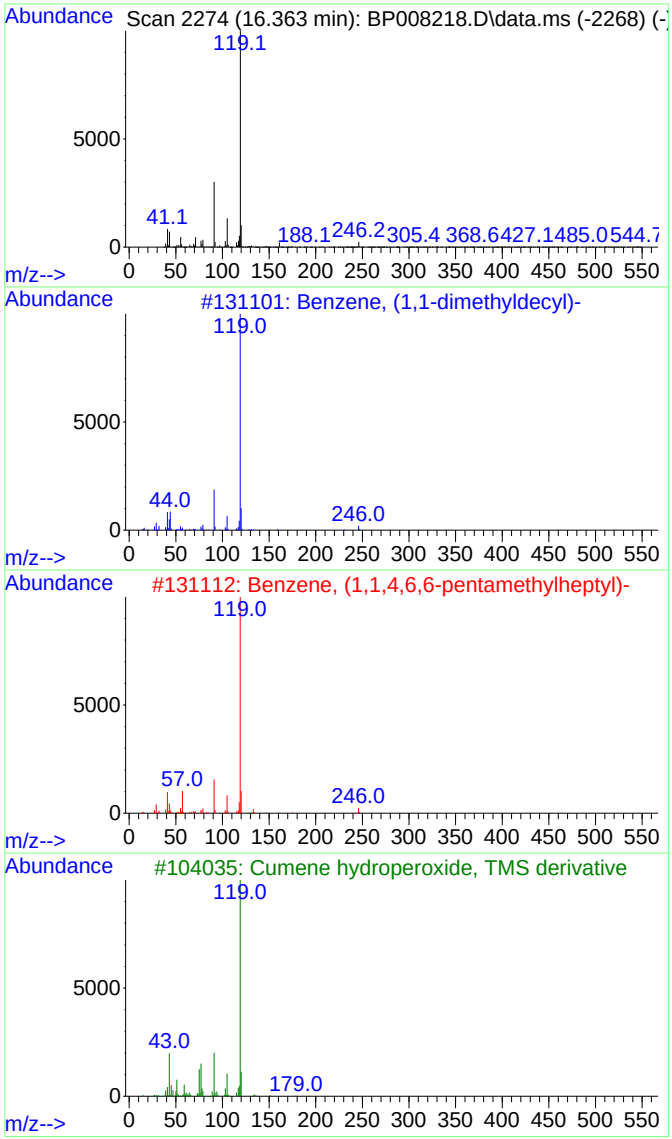
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

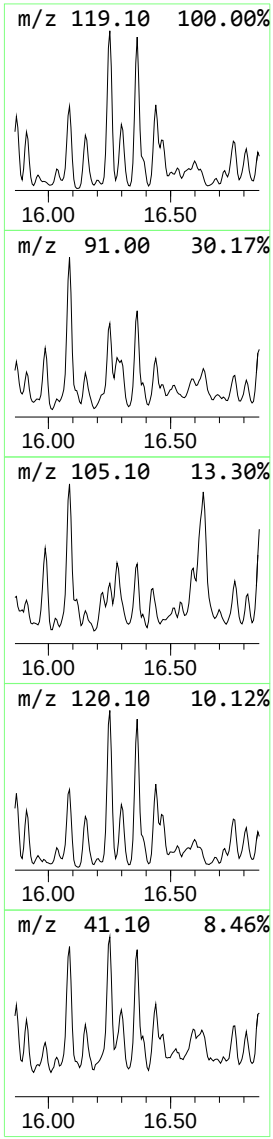
****

Peak Number 6 Cumene hydroperoxide, TMS d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.363	58.99 ng	3404890	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	91
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	90
3	Cumene hydroperoxide, TMS deriva...	224	C12H20O2Si	018057-16-4	78
4	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	78
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

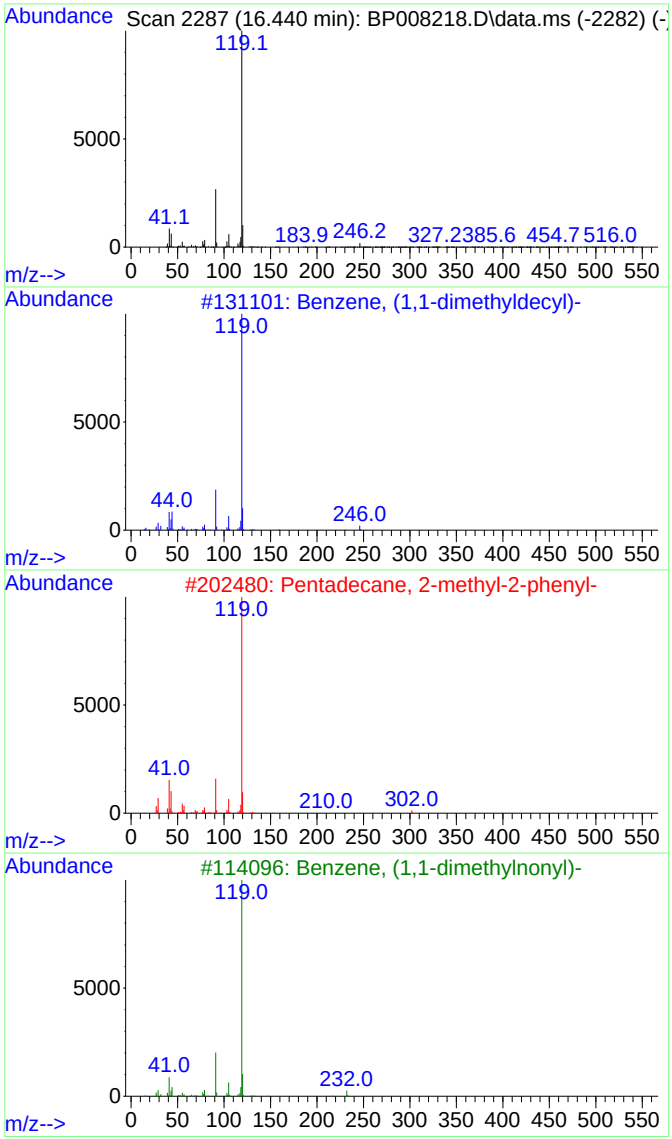
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

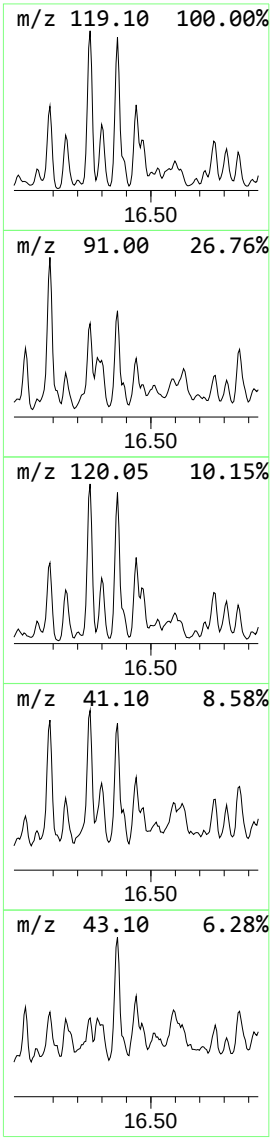
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecane, 2-methyl-2-phe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.440	31.59 ng	1823260	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	91
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	83
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	83
5	m-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-56-6	78





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Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

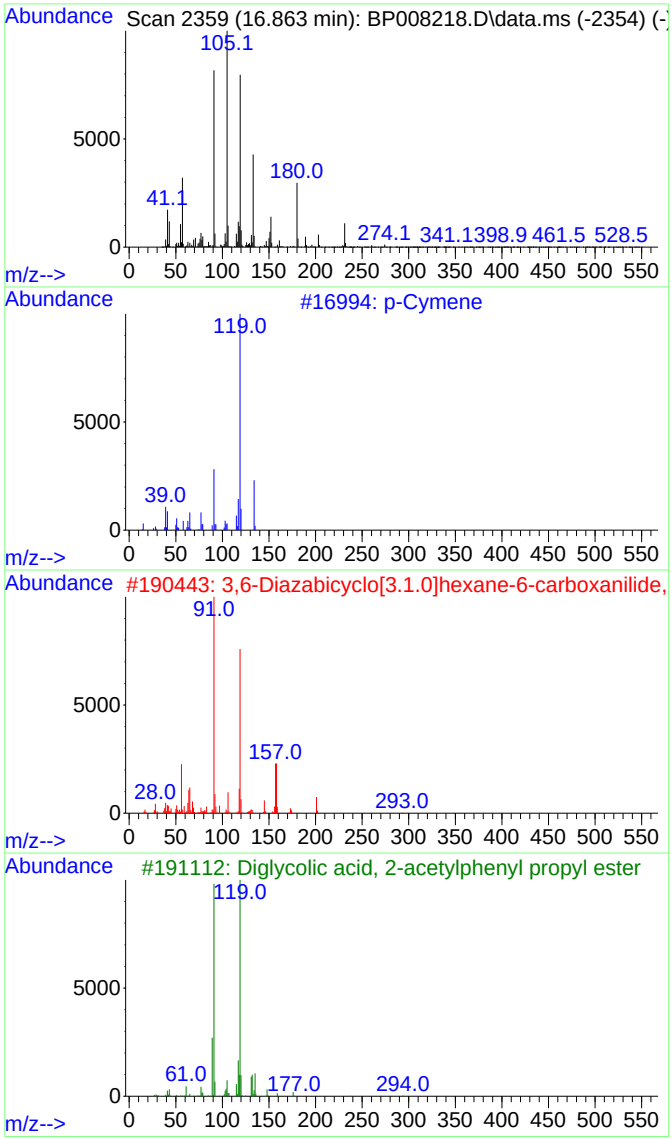
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

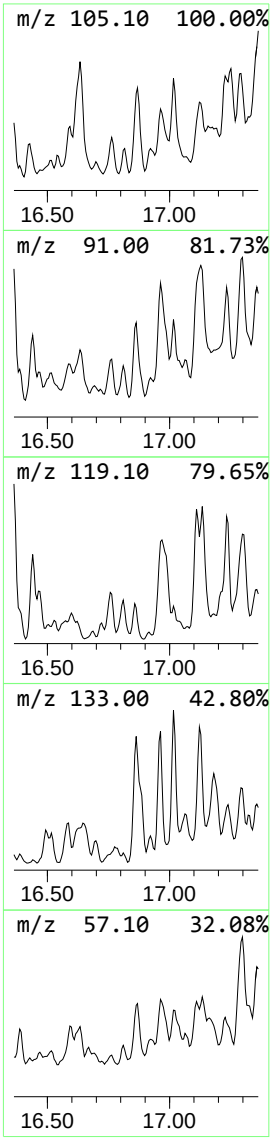
****

Peak Number 8 unknown16.863 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	38.59 ng	2227620	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	42
2	3,6-Diazabicyclo[3.1.0]hexane-6-...	293	C18H19N3O	020965-16-6	38
3	Diglycolic acid, 2-acetylphenyl ...	294	C15H18O6	1010382-71-7	38
4	Benzoic acid, 2-methyl-, 2-oxo-2...	254	C16H14O3	055153-21-4	38
5	p-Toluylamide, N-(2-phenylethyl)...	365	C25H35NO	1010451-69-3	38





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Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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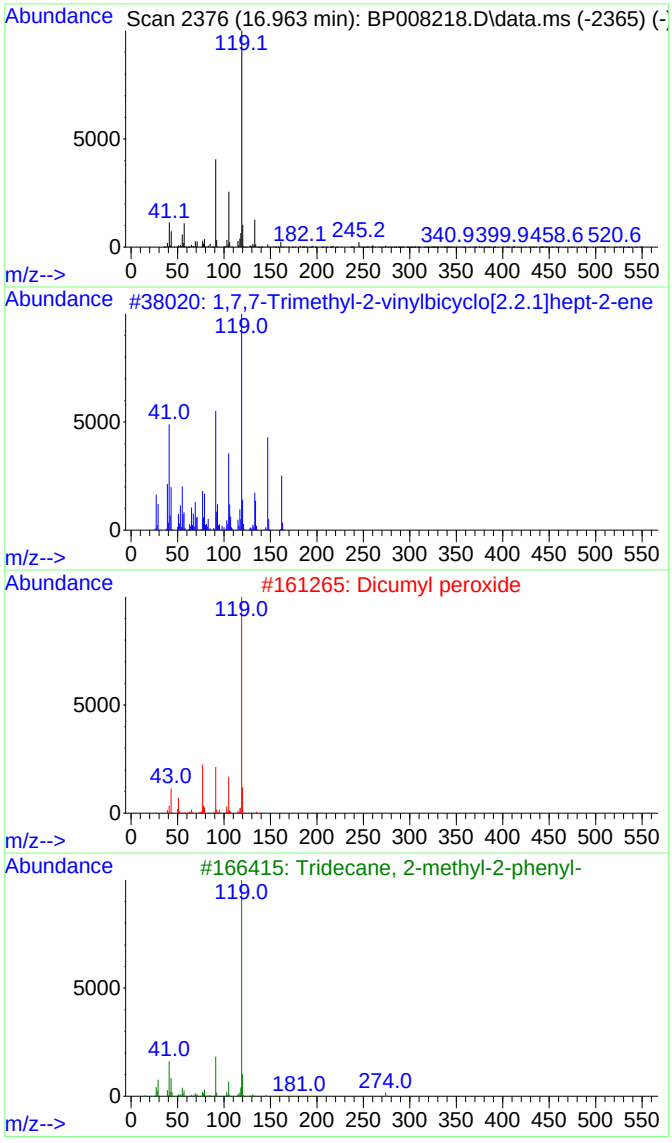
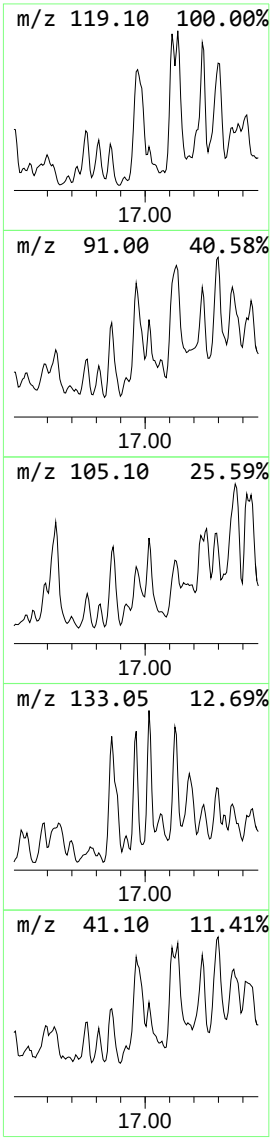
Peak Number 9 1,7,7-Trimethyl-2-vinylbicy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.963	99.48 ng	5742440	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	64
2	Dicumyl peroxide	270	C18H22O2	000080-43-3	59
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	59
4	2-Methyl-N-(4-oxo-2-thioxo-1,3-t...	266	C11H10N2O2S2	1000486-65-0	59
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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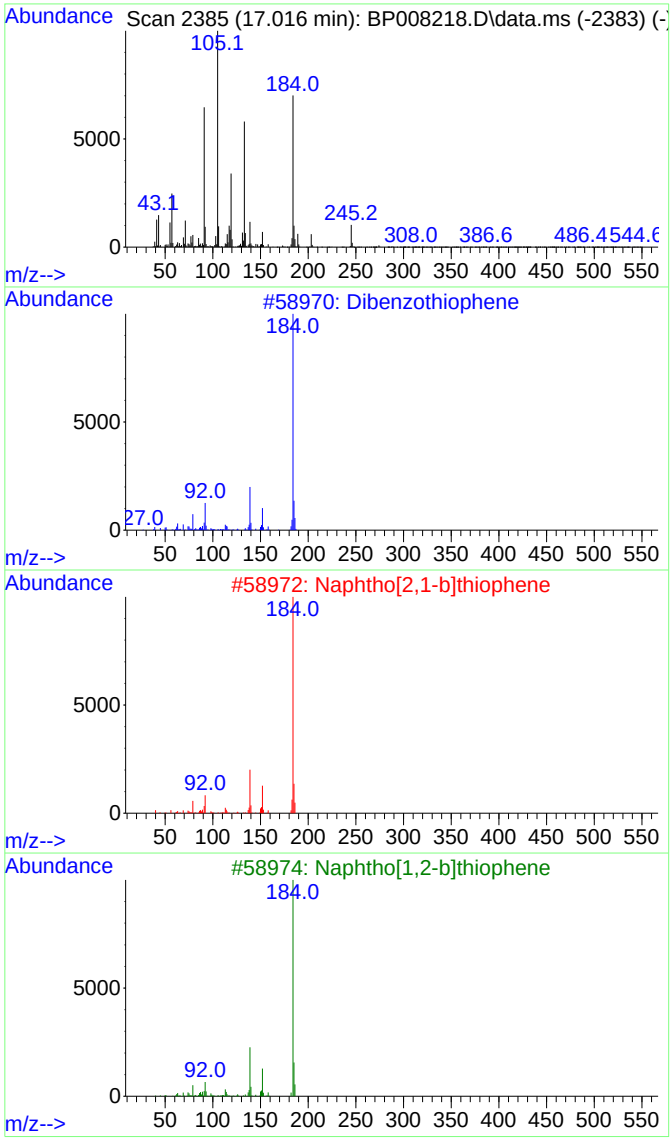
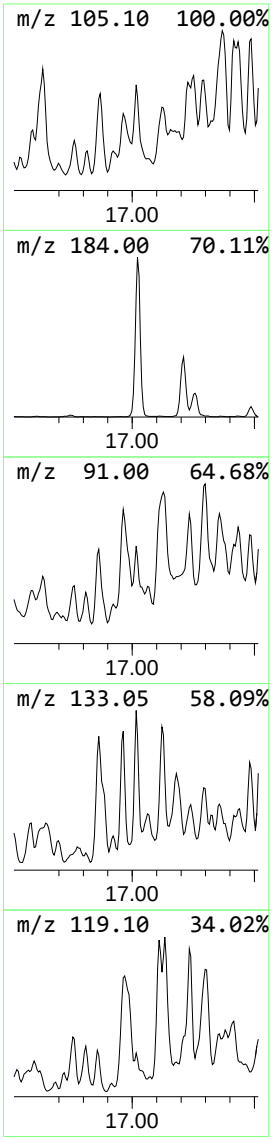
Peak Number 10 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.016	27.78 ng	1603430	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	72
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	38
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5	3,4-Diaminobenzonitrile	133	C7H7N3	017626-40-3	25





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Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FDR-20211202-WC-S

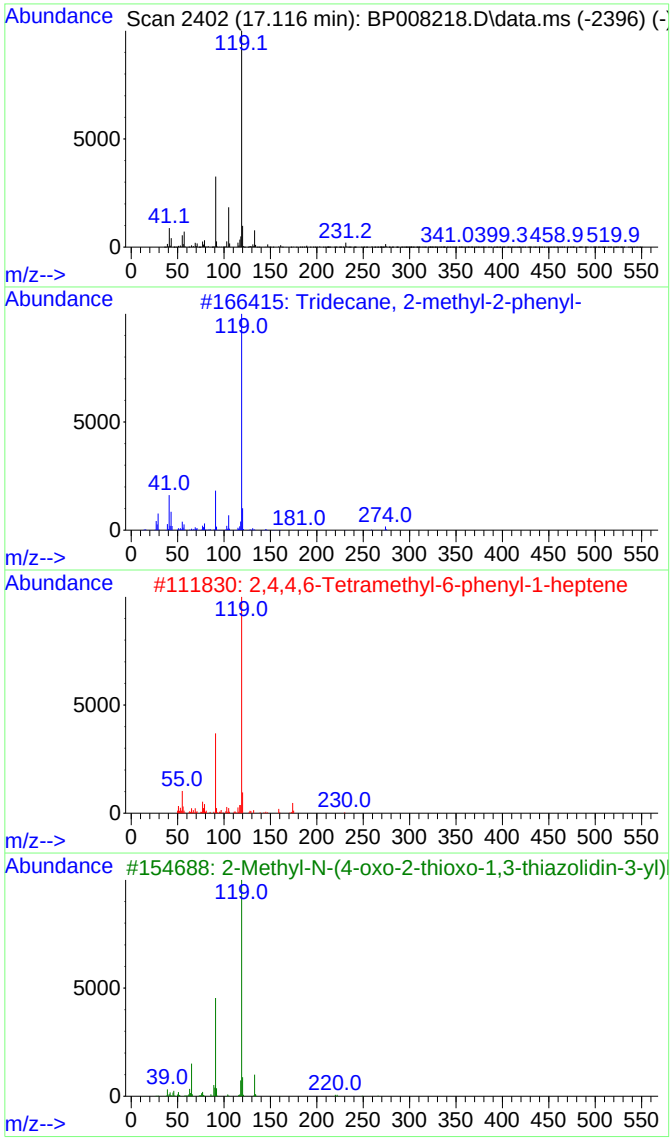
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

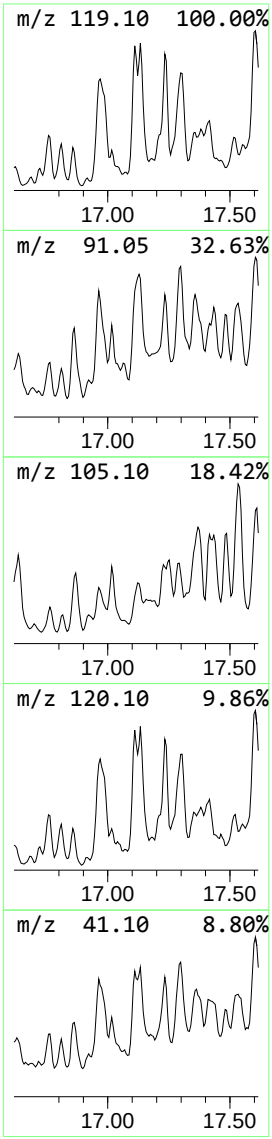
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4,4,6-Tetramethyl-6-pheny... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	47.17 ng	2722660	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	74
2	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	64
3	2-Methyl-N-(4-oxo-2-thioxo-1,3-t...	266	C11H10N2O2S2	1000486-65-0	64
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

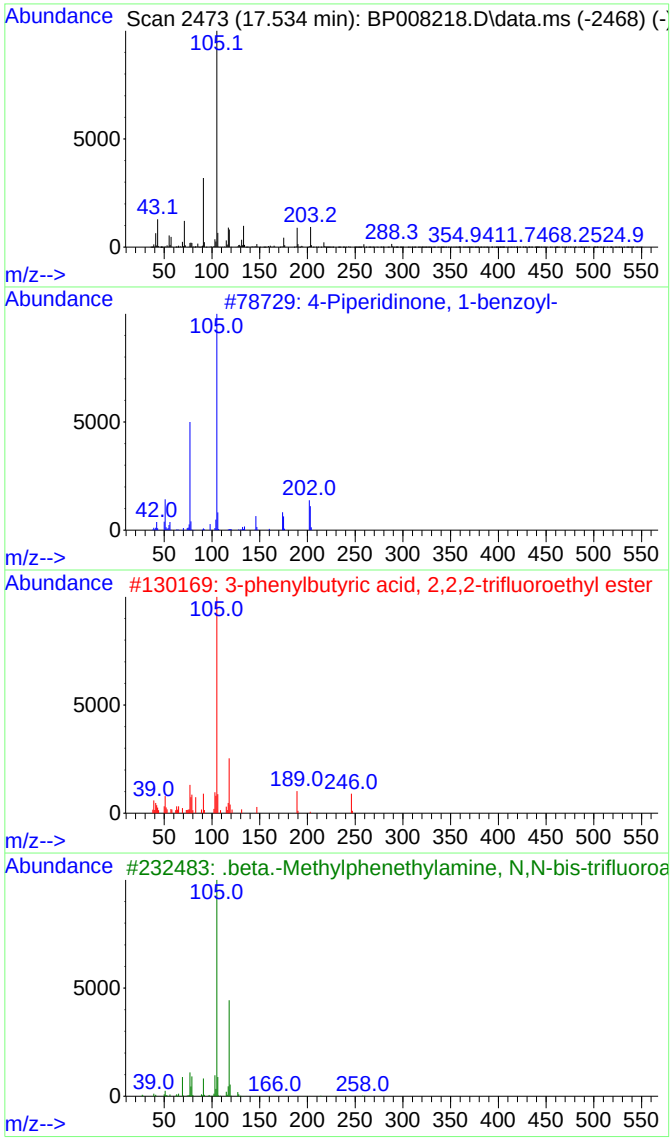
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

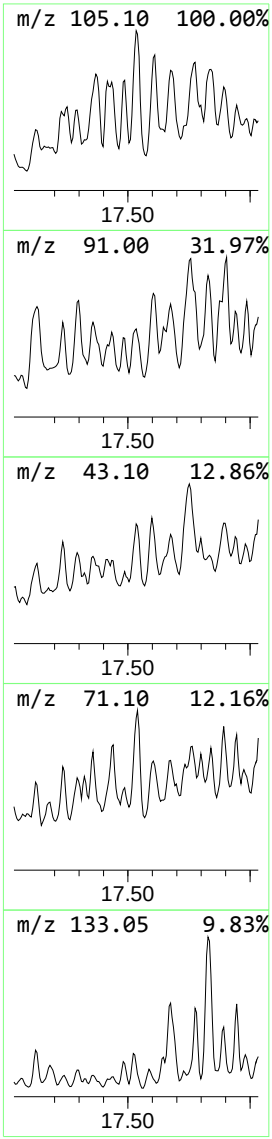
****

Peak Number 12 unknown17.534 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.534	47.48 ng	2740590	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Piperidinone, 1-benzoyl-	203	C12H13NO2	024686-78-0	25
2	3-phenylbutyric acid, 2,2,2-trif...	246	C12H13F3O2	1000376-55-4	17
3	.beta.-Methylphenethylamine, N,N...	327	C13H11F6NO2	1010417-26-4	12
4	3-Phenylpropionic acid, 2,3,4,6-...	362	C15H10Cl4O2	1000354-74-6	12
5	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	12





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

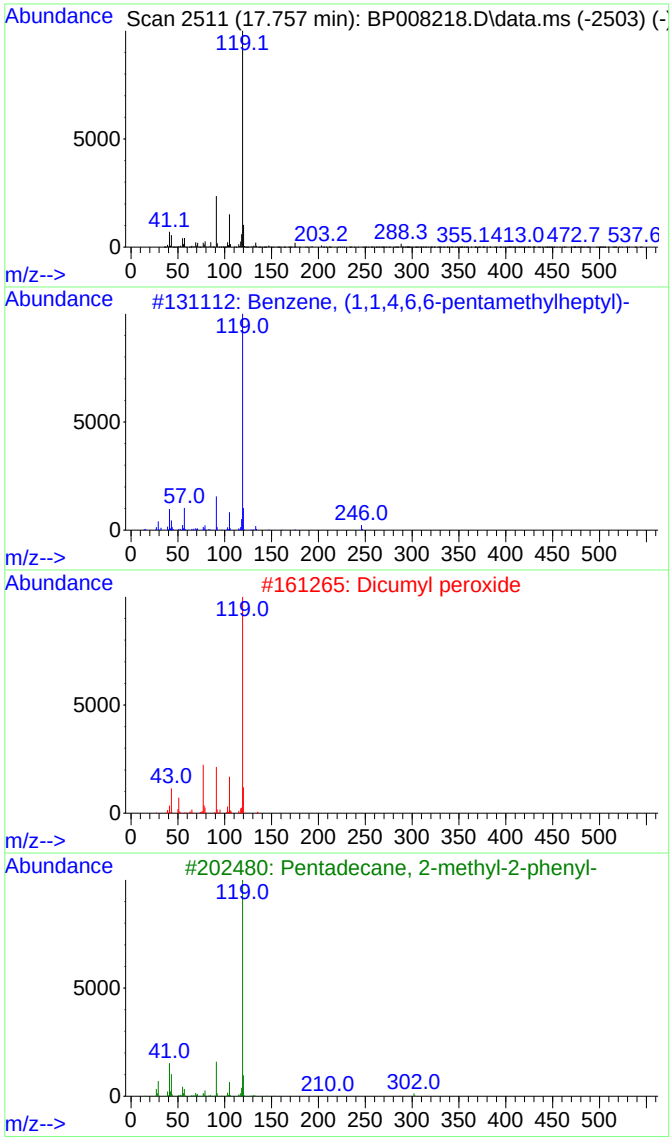
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

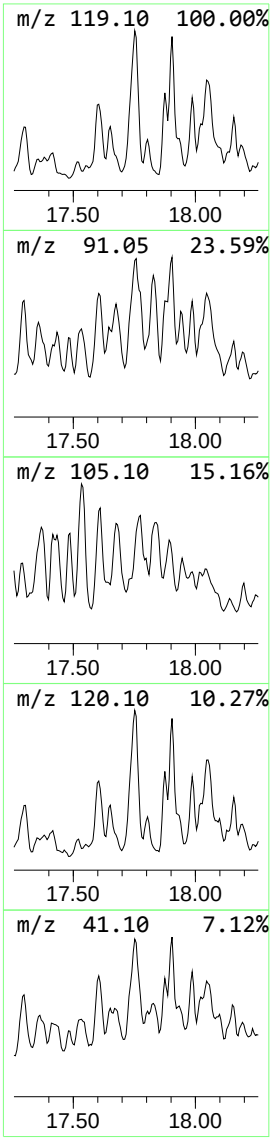
****

Peak Number 13 Dicumyl peroxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.757	152.62 ng	8809530	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
2	Dicumyl peroxide	270	C18H22O2	000080-43-3	78
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72





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Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

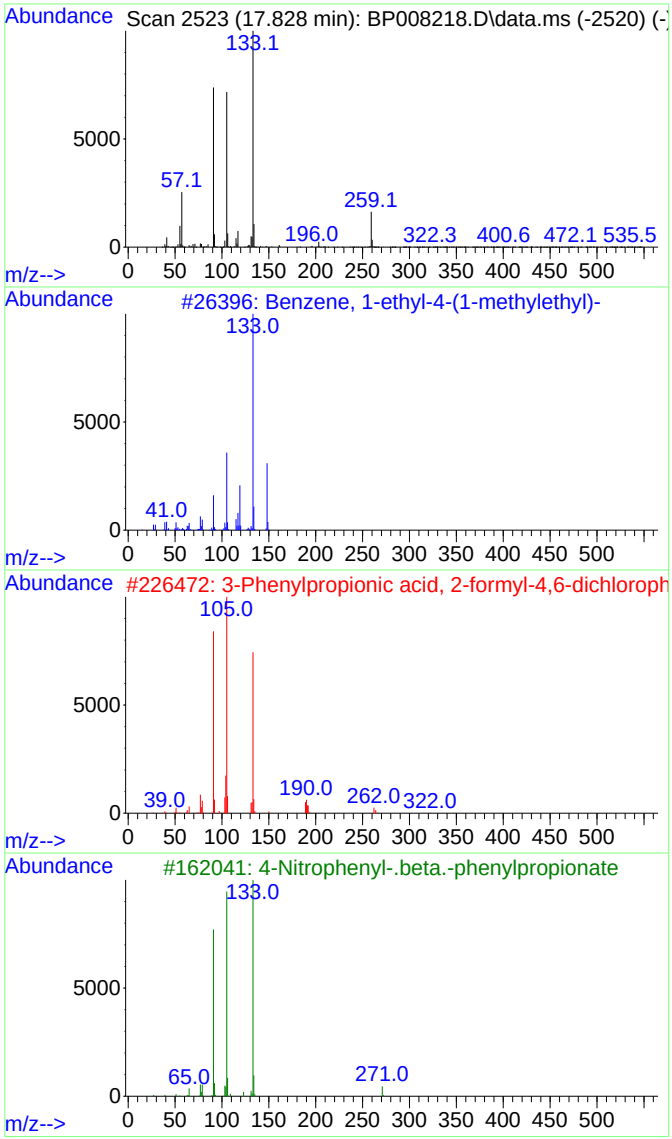
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

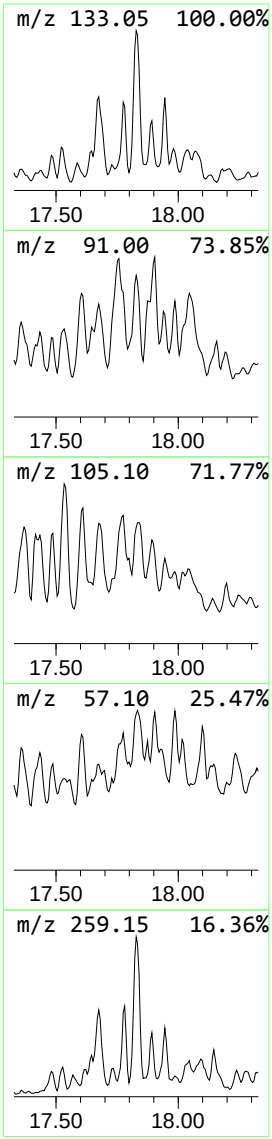
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.828	38.29 ng	2210330	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
2	3-Phenylpropionic acid, 2-formyl...	322	C16H12Cl2O3	1000331-06-4	64
3	4-Nitrophenyl-.beta.-phenylpropi...	271	C15H13NO4	017895-71-5	56
4	3-Phenylpropionic acid, 4-cyanop...	251	C16H13NO2	1000307-78-4	56
5	3-Phenylpropionic acid, 2,5-dich...	294	C15H12Cl2O2	1000325-76-2	56





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Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

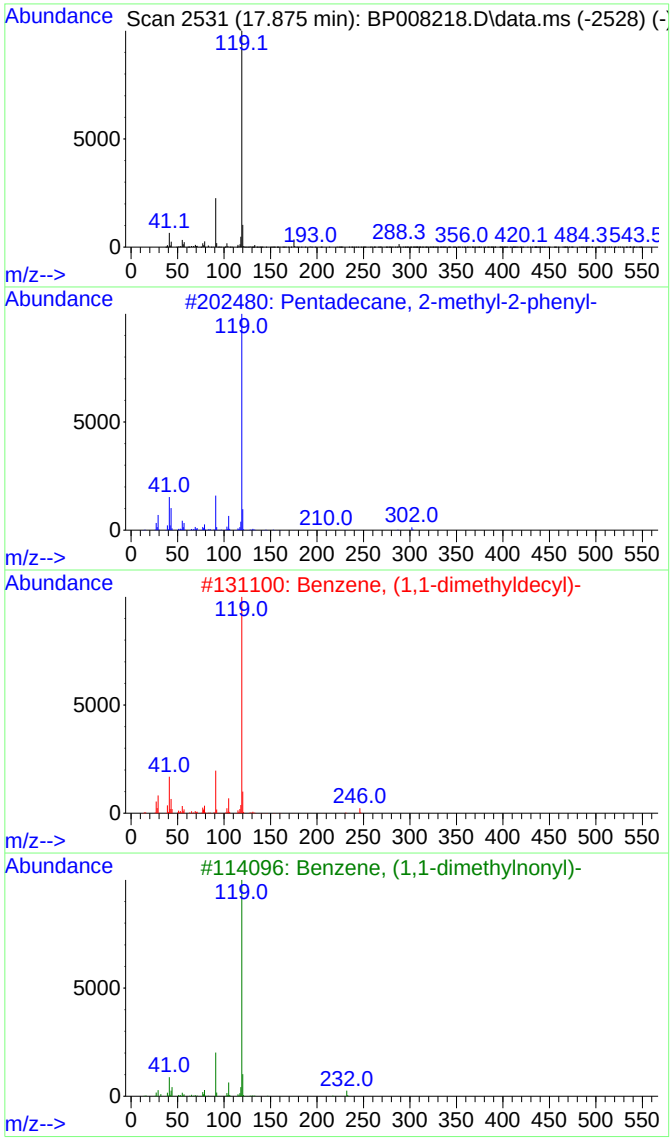
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

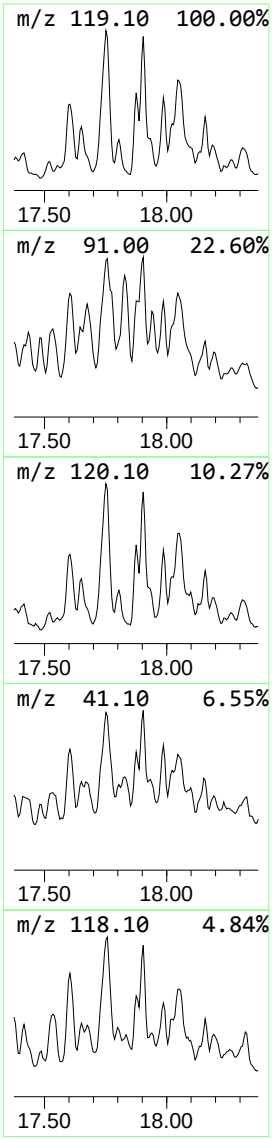
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 p-Menthane, 2,3-dibromo-8-p... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	35.16 ng	2029440	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	83
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
4	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	78
5	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	74





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Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

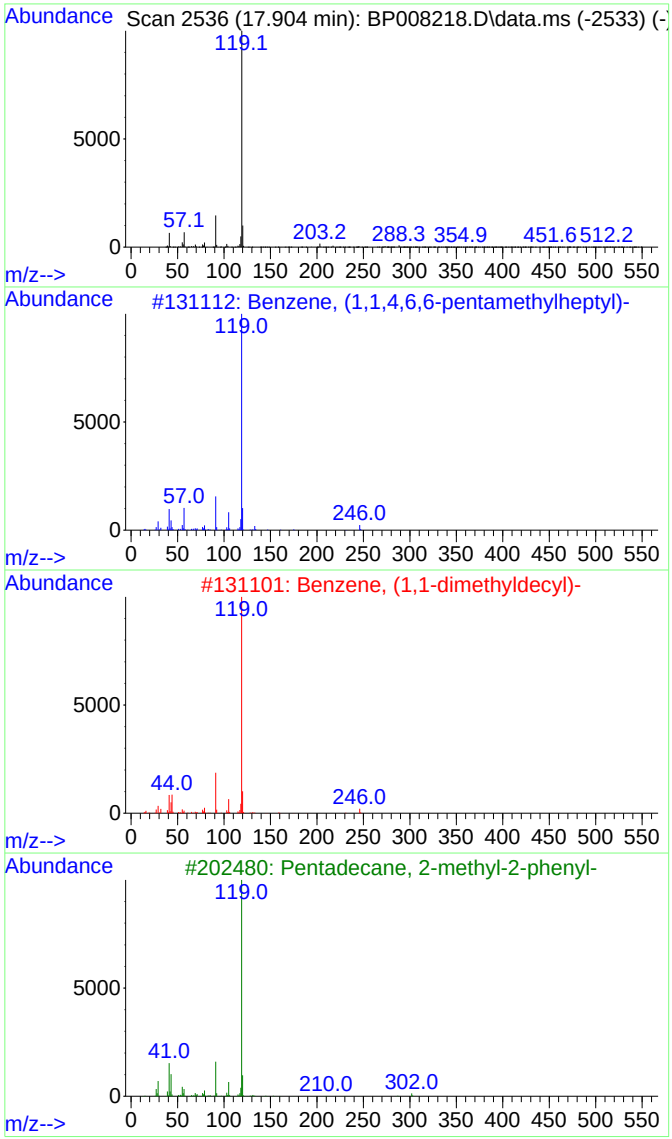
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

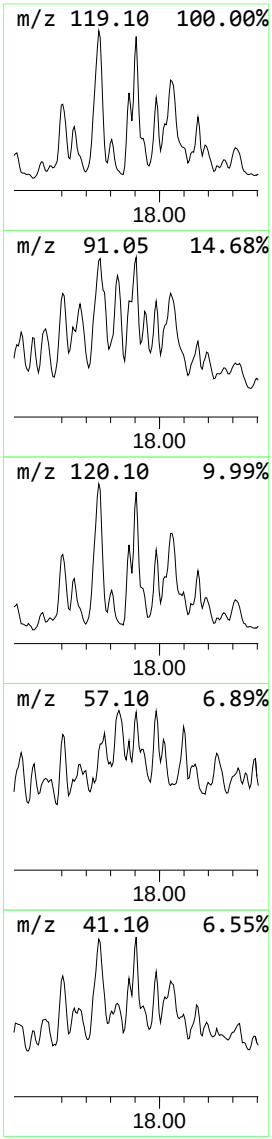
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Butyric acid, 2-phenyl-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	45.07 ng	2601400	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
5	Butyric acid, 2-phenyl-, tridec-...	342	C23H34O2	1000406-92-1	64





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Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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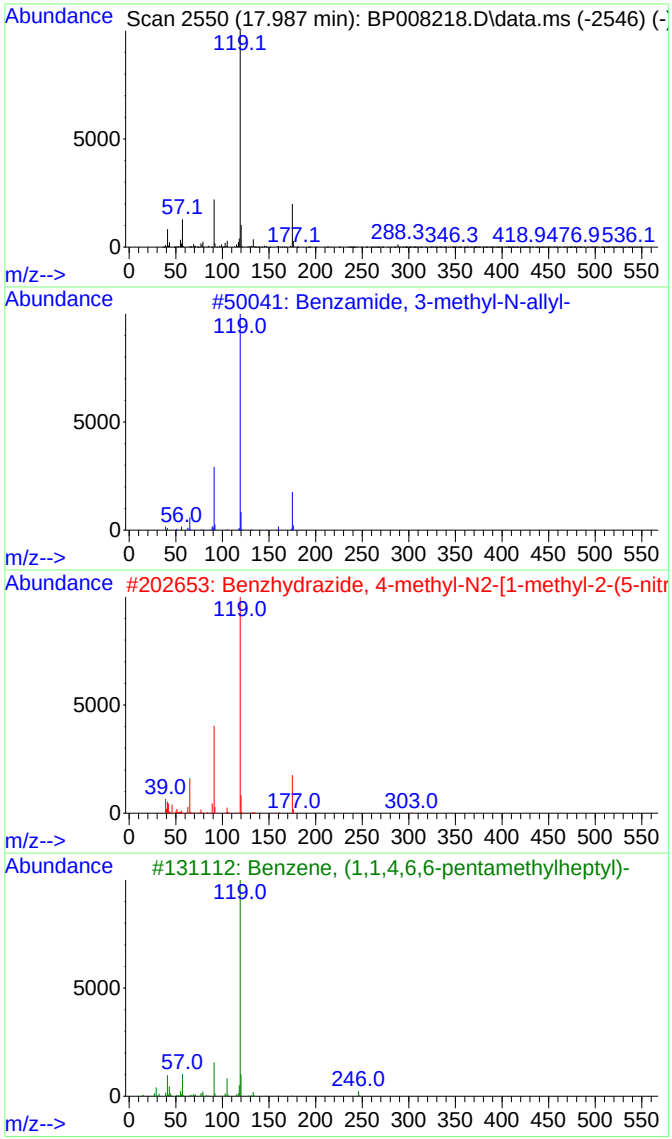
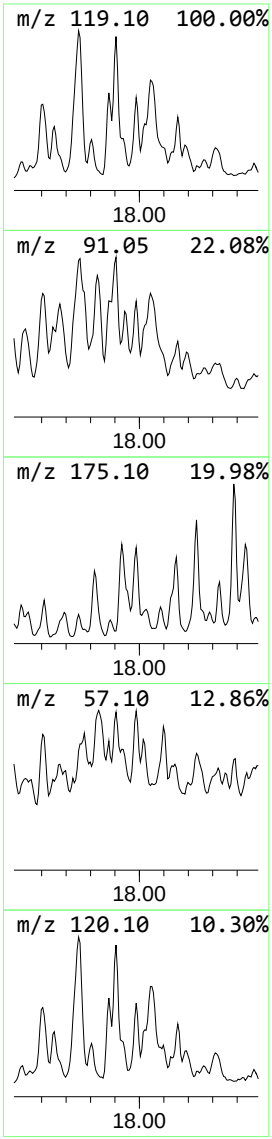
Peak Number 17 Benzamide, 3-methyl-N-allyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	34.22 ng	1975340	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	64
2	Benzhydrazide, 4-methyl-N2-[1-me...	303	C12H13N7O3	324021-25-2	64
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	59
4	Benzamide, 2-methyl-N-(2-pentyl)...	247	C16H25NO	1000490-61-1	53
5	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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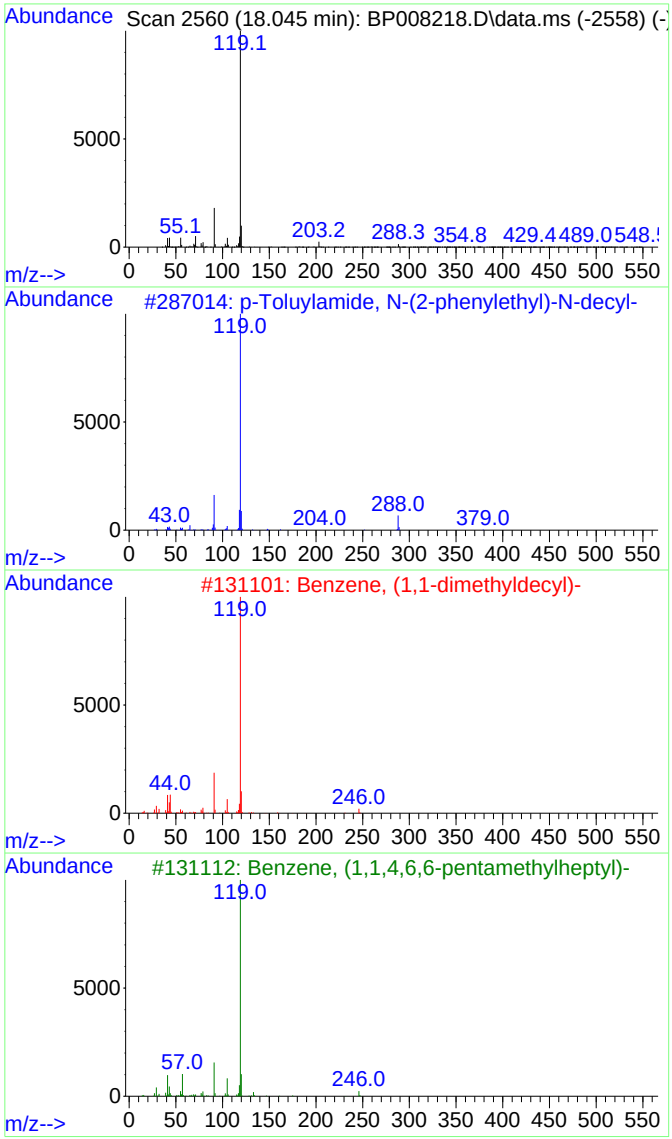
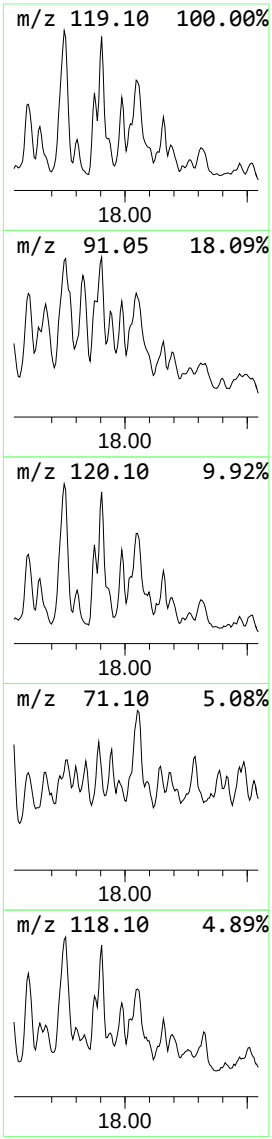
Peak Number 18 p-Toluylamide, N-(2-phenyle... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	33.04 ng	1907120	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Toluylamide, N-(2-phenylethyl)...	379	C26H37NO	1000451-69-4	78
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64





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Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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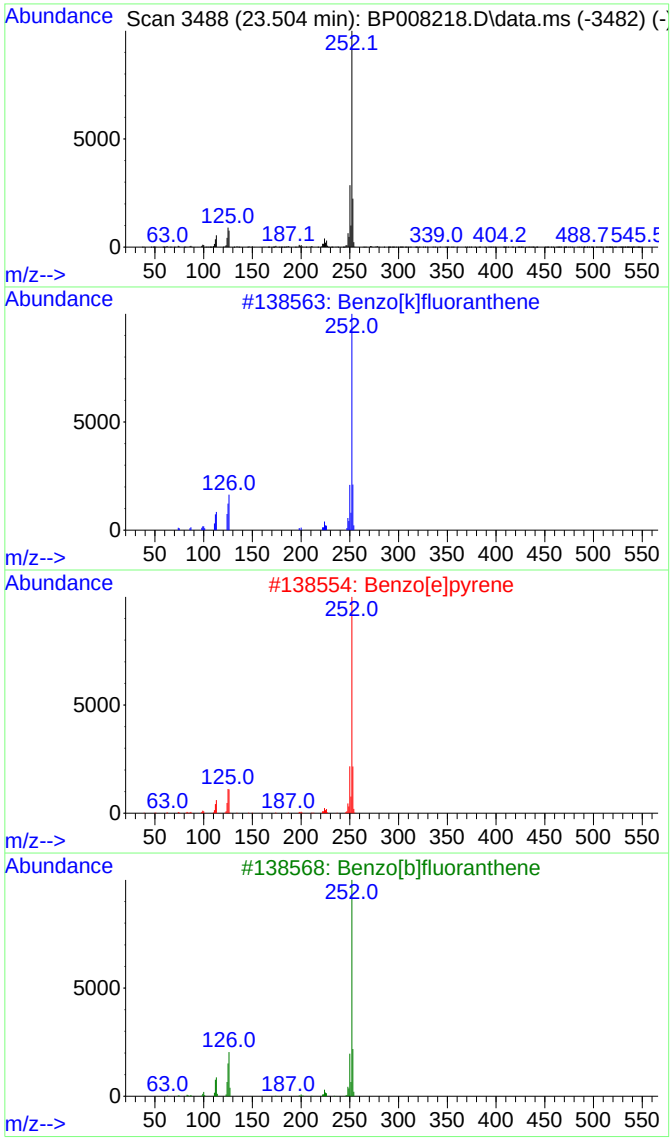
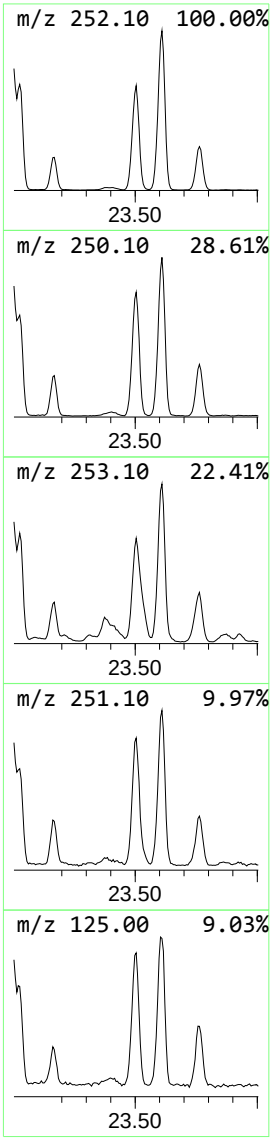
Peak Number 19 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	64.41 ng	2640480	Perylene-d12	23.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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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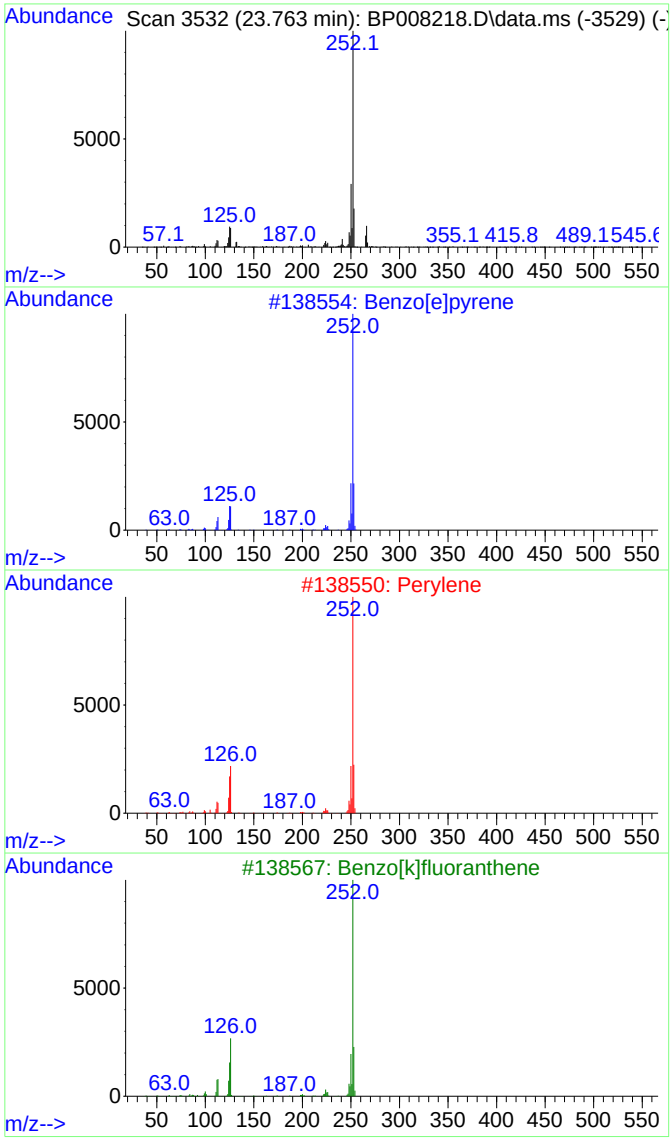
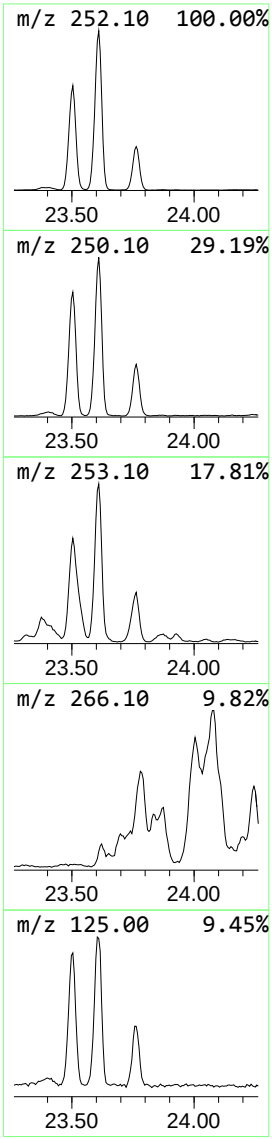
Peak Number 20 Perylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.763	26.60 ng	1090450	Perylene-d12	23.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Perylene	252	C20H12	000198-55-0	86
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008218.D
Acq On : 03 Dec 2021 22:31
Operator : CG/JU
Sample : M4920-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.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
Benzene, (1,1-d...	15.728	32.9	ng	2141570	3	14.440	1300570	20.0
Benzene, (1,1-d...	15.869	29.8	ng	1719520	4	17.210	1154470	20.0
Disiloxane, 1,1...	16.087	65.9	ng	3805050	4	17.210	1154470	20.0
Tridecane, 2-me...	16.251	54.5	ng	3147930	4	17.210	1154470	20.0
Benzene, (1,1,4...	16.298	36.3	ng	2093680	4	17.210	1154470	20.0
Cumene hydroper...	16.363	59.0	ng	3404890	4	17.210	1154470	20.0
Pentadecane, 2-...	16.440	31.6	ng	1823260	4	17.210	1154470	20.0
unknown16.863	16.863	38.6	ng	2227620	4	17.210	1154470	20.0
1,7,7-Trimethyl...	16.963	99.5	ng	5742440	4	17.210	1154470	20.0
Dibenzothiophene	17.016	27.8	ng	1603430	4	17.210	1154470	20.0
2,4,4,6-Tetrame...	17.116	47.2	ng	2722660	4	17.210	1154470	20.0
unknown17.534	17.534	47.5	ng	2740590	4	17.210	1154470	20.0
Dicumyl peroxide	17.757	152.6	ng	8809530	4	17.210	1154470	20.0
Benzene, 1-ethy...	17.828	38.3	ng	2210330	4	17.210	1154470	20.0
p-Menthane, 2,3...	17.875	35.2	ng	2029440	4	17.210	1154470	20.0
Butyric acid, 2...	17.904	45.1	ng	2601400	4	17.210	1154470	20.0
Benzamide, 3-me...	17.986	34.2	ng	1975340	4	17.210	1154470	20.0
p-Toluylamide, ...	18.045	33.0	ng	1907120	4	17.210	1154470	20.0
Benzo[e]pyrene	23.504	64.4	ng	2640480	6	23.710	819854	20.0
Perylene	23.763	26.6	ng	1090450	6	23.710	819854	20.0