LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008205.D
Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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: BP008205.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	320	329	338	rVB	226353	323423	1.55%	0.144%
2	5.393	400	409	421	rBV	1794032	2769134	13.24%	1.233%
3	6.987	674	680	691	rVB	1670964	2794875	13.36%	1.245%
4	7.722	795	805	809	rBV4	154887	419250	2.00%	0.187%
5	7.787	809	816	824	rVB2	624716	1379181	6.59%	0.614%
6	7.869	824	830	835	rVB3	119481	226801	1.08%	0.101%
7	7.987	835	850	854	rBV5	210336	522893	2.50%	0.233%
8	8.058	859	862	874	rVB4	134036	305294	1.46%	0.136%
9	8.334	900	909	911	rBV3	228961	507568	2.43%	0.226%
10	8.493	929	936	941	rBV5	114406	248749	1.19%	0.111%
11	8.622	954	958	962	rBV	258342	374616	1.79%	0.167%
12	8.781	980	985	995	rBV7	109341	287144	1.37%	0.128%
13	8.905	995	1006	1010	rBV7	493018	1336510	6.39%	0.595%
14	8.958	1010	1015	1020	rBV	974260	1615014	7.72%	0.719%
15	9.063	1031	1033	1037	rVB3	172132	220788	1.06%	0.098%
16	9.116	1037	1042	1044	rBV3	389246	605881	2.90%	0.270%
17	9.152	1045	1048	1054	rVB5	459892	913093	4.36%	0.407%
18	9.287	1054	1071	1075	rBV4	471916	2025117	9.68%	0.902%
19	9.452	1092	1099	1104	rBV3	569113	1025743	4.90%	0.457%
20	9.516	1105	1110	1116	rVB	813889	1366512	6.53%	0.609%
21	9.569	1116	1119	1123	rVB	167542	219051	1.05%	0.098%
22	9.687	1134	1139	1142	rBV5	220075	417217	1.99%	0.186%
23	9.728	1142	1146	1150	rVV2	260980	400318	1.91%	0.178%
24	9.781	1150	1155	1163	rVV6	1016183	1984944	9.49%	0.884%
25	9.875	1164	1171	1176	rVV2	474292	1133352	5.42%	0.505%
26	9.952	1176	1184	1189	rVB5	353129	729682	3.49%	0.325%
27	10.057	1198	1202	1207	rVB4	257010	465402	2.22%	0.207%
28	10.193	1220	1225	1230	rBV4	449251	860533	4.11%	0.383%
29	10.305	1239	1244	1247	rBV	499604	843194	4.03%	0.376%
30	10.387	1254	1258	1263	rVB3	558469	931171	4.45%	0.415%
31	10.469	1267	1272	1275	rBV2	462069	778375	3.72%	0.347%
32	10.505	1275	1278	1282	rBV3	336245	486494	2.33%	0.217%
33	10.593	1283	1293	1299	rBV3	960787	3243342	15.50%	1.445%
34	10.652	1300	1303	1306	rBV4	294936	461945	2.21%	0.206%
35	10.722	1311	1315	1319	rVV3	1048036	1990728	9.52%	0.887%
36	10.775	1319	1324	1329	rVV	2936438	5062577	24.20%	2.255%

LSC Area Percent Report

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Sample : M4798-03
Misc :
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Instrument :
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SB-2-3.0

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	10.834	1329	1334	1341	rVV4	709068	1886447	9.02%	0.840%
38	10.899	1341	1345	1351	rVB4	612806	1138583	5.44%	0.507%
39	11.010	1360	1364	1368	rBV2	406011	680337	3.25%	0.303%
40	11.069	1371	1374	1376	rVV	543406	795964	3.80%	0.355%
41	11.099	1376	1379	1384	rVB3	878643	1305879	6.24%	0.582%
42	11.181	1390	1393	1397	rVB2	365275	494688	2.36%	0.220%
43	11.310	1404	1415	1421	rBV8	1469624	4218267	20.16%	1.879%
44	11.387	1424	1428	1433	rVB3	492142	965705	4.62%	0.430%
45	11.651	1466	1473	1481	rBV	4793255	10295156	49.21%	4.585%
46	11.899	1512	1515	1519	rVB4	741828	992685	4.75%	0.442%
47	12.346	1587	1591	1598	rBV5	700761	1962234	9.38%	0.874%
48	12.410	1599	1602	1604	rBV2	592871	743746	3.56%	0.331%
49	12.487	1611	1615	1619	rBV4	1041098	1887720	9.02%	0.841%
50	12.528	1619	1622	1627	rVB2	1464865	2068389	9.89%	0.921%
51	12.740	1654	1658	1664	rVB3	1572046	2714539	12.98%	1.209%
52	13.010	1699	1704	1708	rVB	5788752	8906877	42.58%	3.967%
53	13.075	1712	1715	1719	rVB	1899404	2556512	12.22%	1.139%
54	13.246	1739	1744	1752	rBV2	3240513	6693552	32.00%	2.981%
55	13.316	1753	1756	1759	rBV2	1113099	1395083	6.67%	0.621%
56	13.393	1765	1769	1776	rVV3	1608623	3609667	17.25%	1.608%
57	13.457	1777	1780	1786	rVB4	1352425	1968843	9.41%	0.877%
58	13.787	1833	1836	1840	rVB	1939908	2840927	13.58%	1.265%
59	13.887	1849	1853	1857	rBV	2957659	3898251	18.63%	1.736%
60	13.963	1860	1866	1870	rVV3	6311171	10606635	50.70%	4.724%
61	14.169	1897	1901	1903	rBV3	1003774	1655939	7.92%	0.738%
62	14.298	1919	1923	1930	rVB2	3219062	5817108	27.81%	2.591%
63	14.440	1944	1947	1955	rVB6	1701809	3826210	18.29%	1.704%
64	14.875	2017	2021	2026	rVB2	3372524	5450025	26.05%	2.427%
65	14.945	2030	2033	2037	rVB	2048644	2557333	12.22%	1.139%
66	14.998	2038	2042	2052	rVB4	3580788	6397366	30.58%	2.849%
67	15.092	2053	2058	2061	rBV	2631405	4626915	22.12%	2.061%
68	15.510	2126	2129	2132	rBV3	1425419	1754574	8.39%	0.781%
69	15.740	2163	2168	2173	rVB2	7055678	11987326	57.30%	5.339%
70	15.945	2200	2203	2205	rBV3	1231177	1703547	8.14%	0.759%
71	16.028	2214	2217	2222	rBV3	1165390	1858926	8.89%	0.828%
72	16.234	2243	2252	2260	rVB2	9968906	20919660	100.00%	9.317%
73	16.587	2308	2312	2318	rVB3	1952840	3230412	15.44%	1.439%
74	16.728	2333	2336	2340	rBV4	955161	1761561	8.42%	0.785%
75	17.051	2385	2391	2401	rVB	7395661	13792585	65.93%	6.143%
76	17.228	2418	2421	2425	rBV2	1211205	1810831	8.66%	0.807%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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	17.651	2490	2493	2503	rVB3	2408103	3862971	18.47%	1.720%
78	18.986	2716	2720	2724	rVB	1659401	2174424	10.39%	0.968%
79	19.663	2832	2835	2841	rVB	931628	1204231	5.76%	0.536%
80	19.786	2852	2856	2860	rVB	4111370	4853618	23.20%	2.162%
81	20.851	3033	3037	3042	rVB3	298594	506655	2.42%	0.226%
82	21.027	3064	3067	3074	rVB3	306018	431086	2.06%	0.192%
83	21.222	3096	3100	3104	rBV	916957	1021226	4.88%	0.455%
84	21.310	3111	3115	3128	rVB	1125296	1710688	8.18%	0.762%
85	21.504	3145	3148	3153	rVB	238486	355413	1.70%	0.158%
86	21.904	3213	3216	3228	rVB2	191007	506045	2.42%	0.225%
87	22.169	3257	3261	3263	rBV2	404658	623950	2.98%	0.278%
88	22.204	3263	3267	3273	rVB	1086974	1768658	8.45%	0.788%
89	22.563	3324	3328	3337	rVB3	210441	376487	1.80%	0.168%
90	22.980	3395	3399	3411	rVB3	230750	654560	3.13%	0.292%
91	23.710	3517	3523	3537	rVB	636192	1426419	6.82%	0.635%

Sum of corrected areas: 224529346

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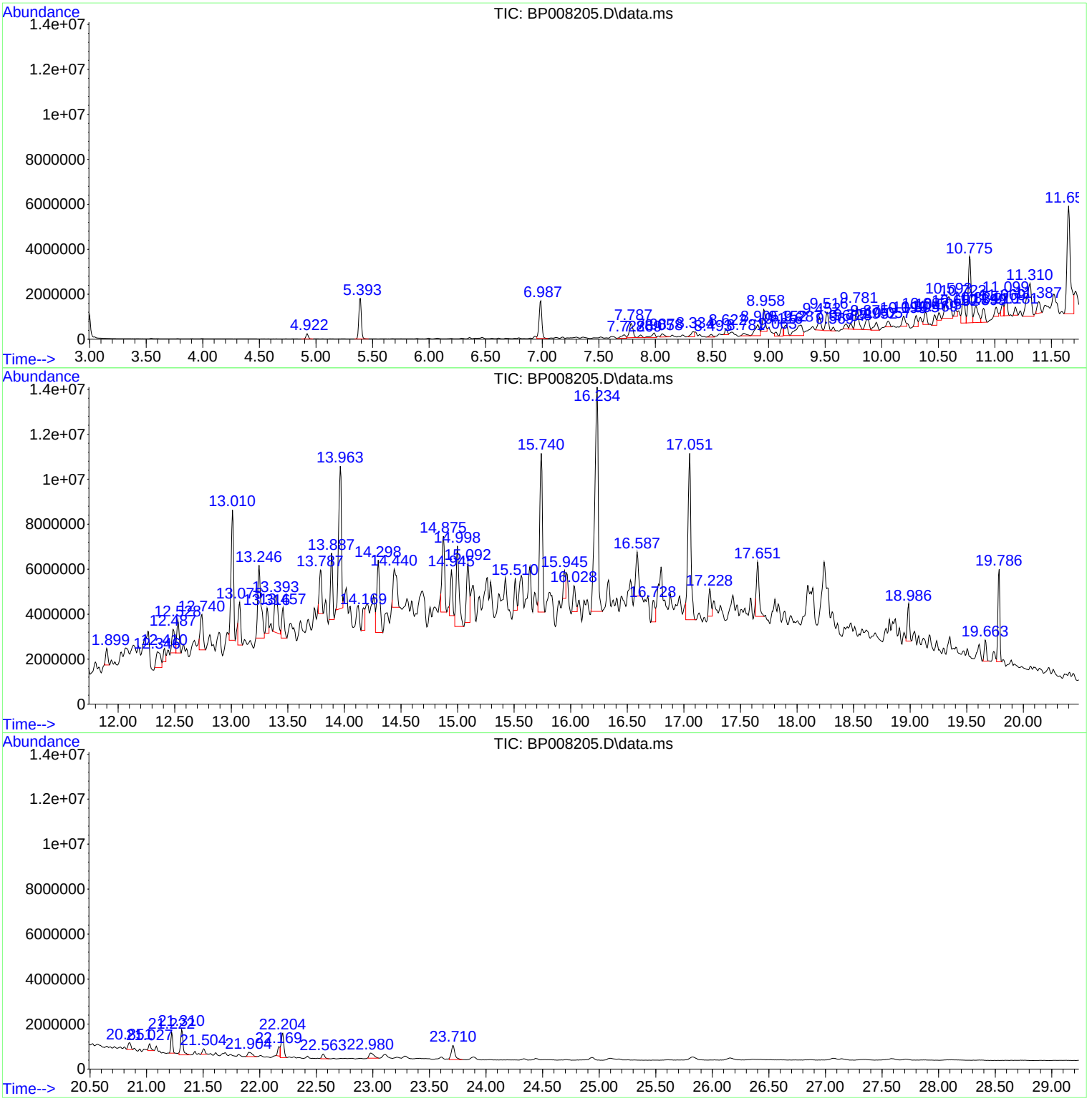
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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 : BP008205.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-3.0

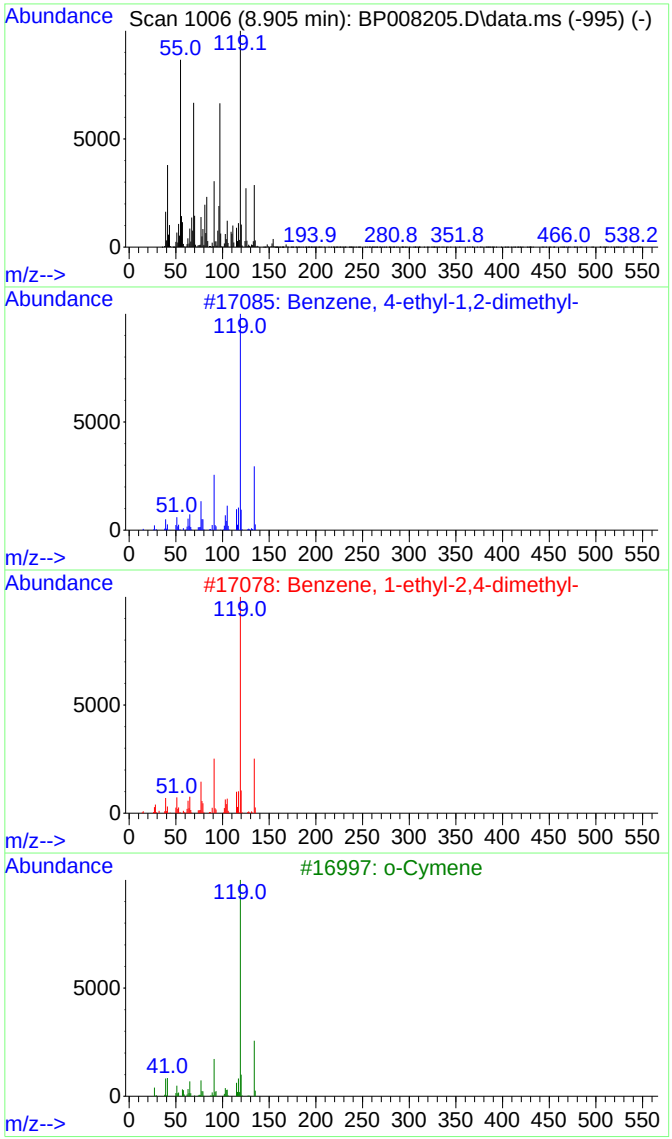
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

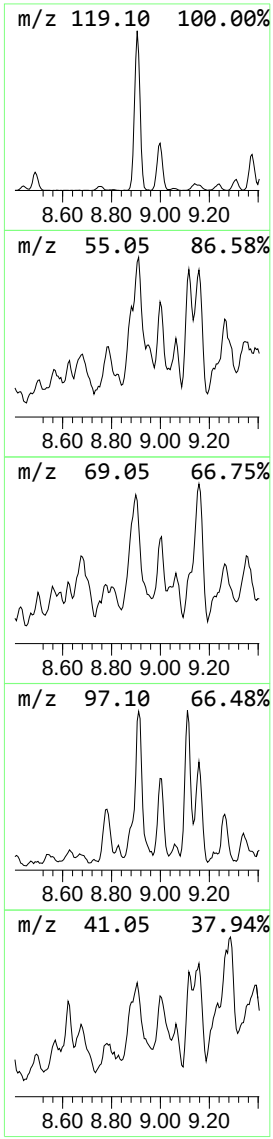
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.905	19.38 ng	1336510	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	89
3	o-Cymene	134	C10H14	000527-84-4	83
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
5	p-Cymene	134	C10H14	000099-87-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008205.D
Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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

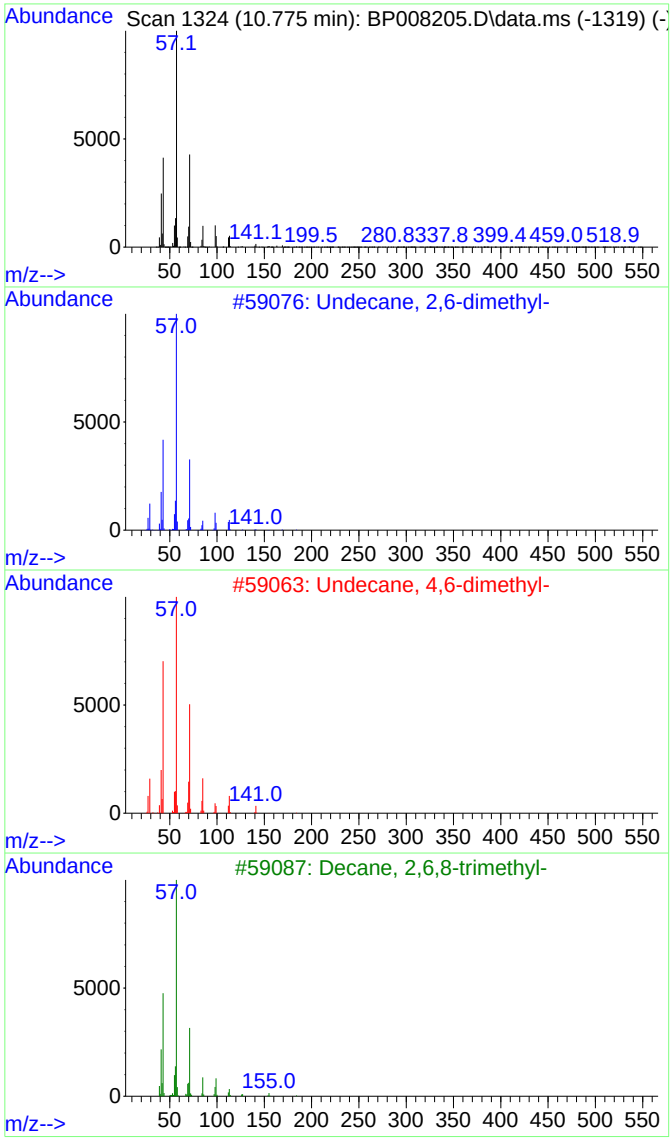
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

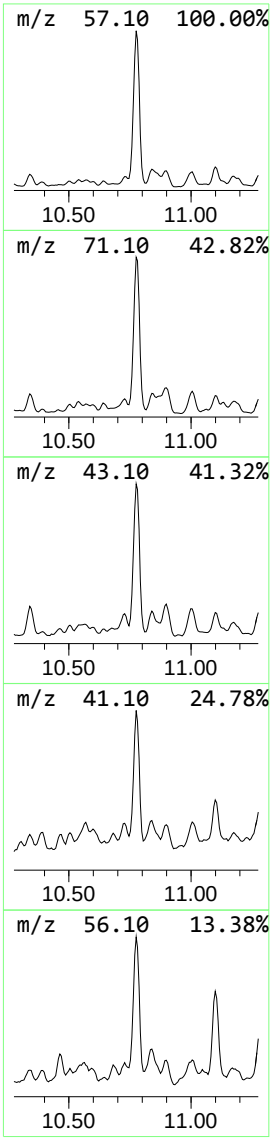
****

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	31.22 ng	5062580	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64





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

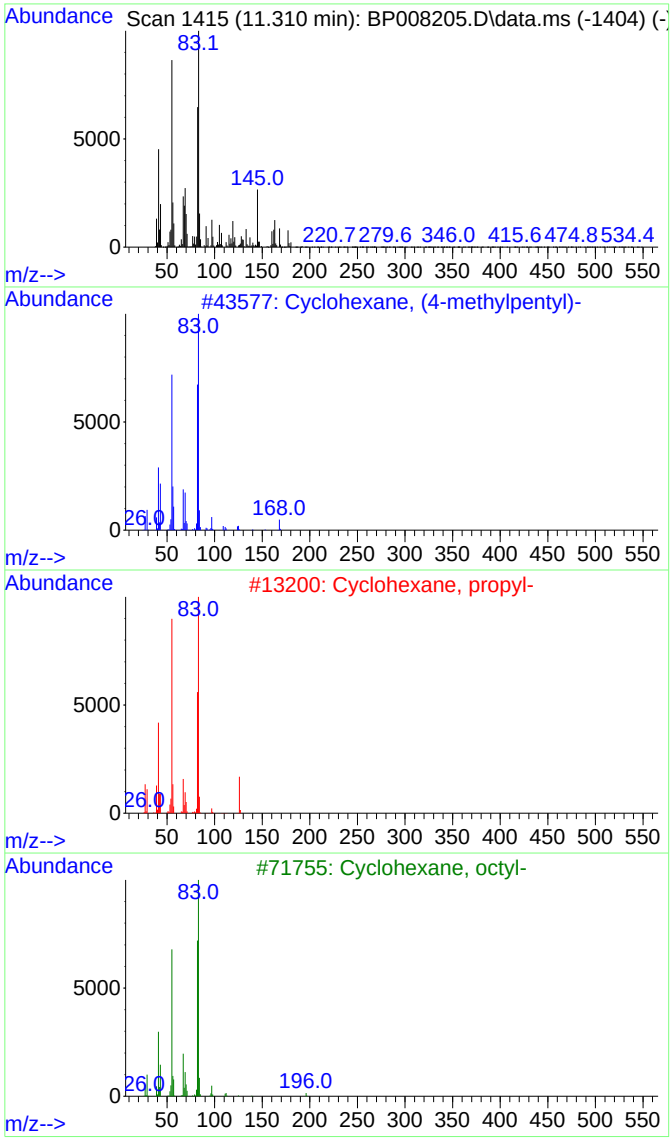
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

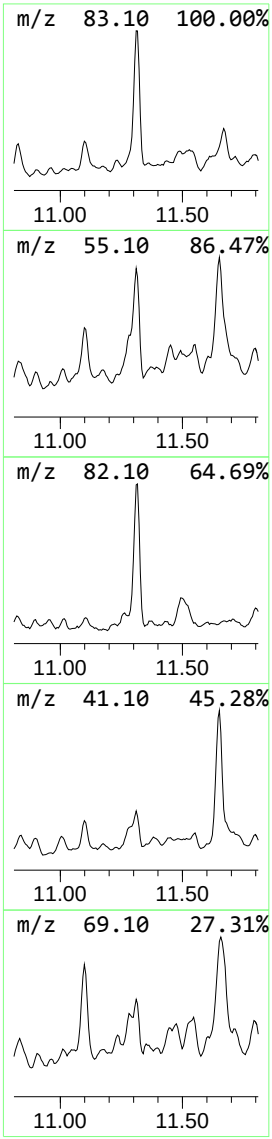
****

Peak Number 3 Cyclohexane, (4-methylpentyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	26.01 ng	4218270	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	76
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50





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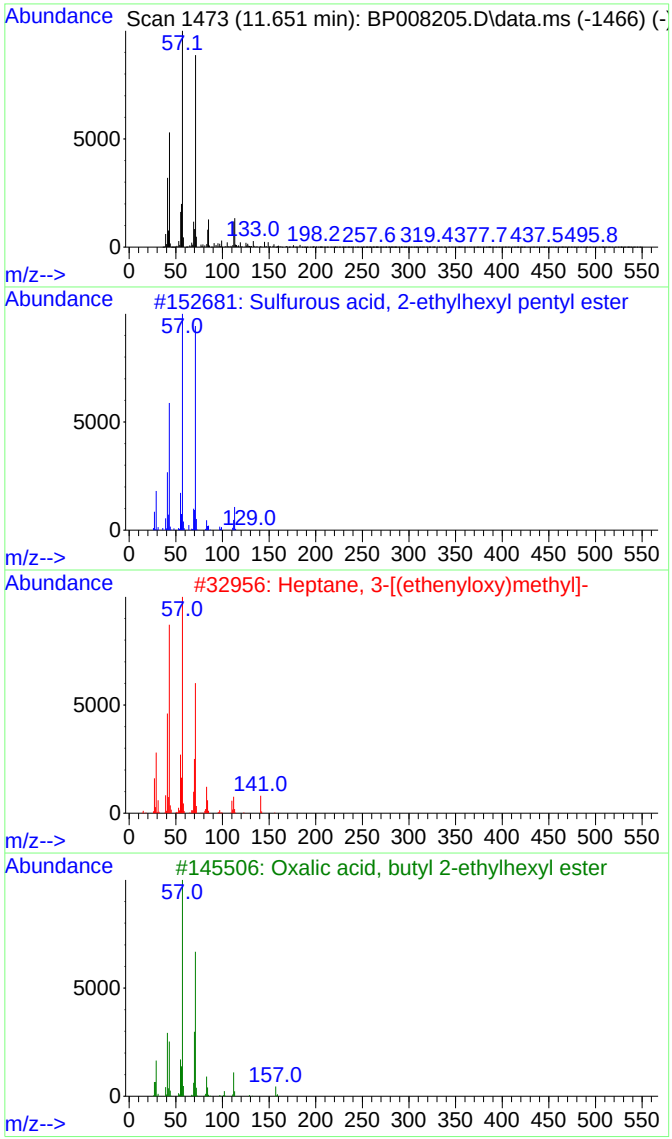
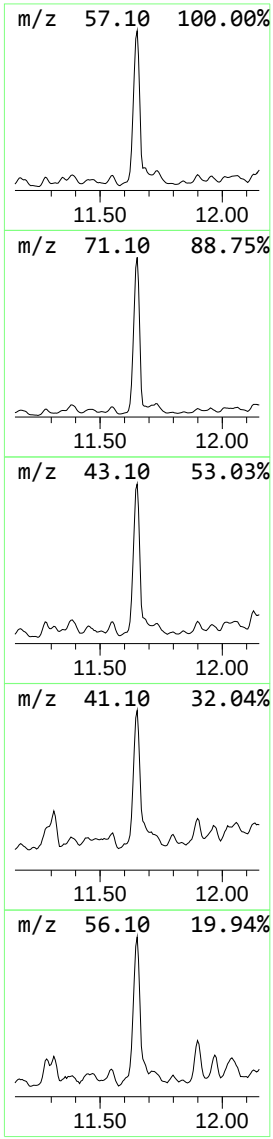
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.652	63.48 ng	10295200	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
3	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Data File : BP008205.D
Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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

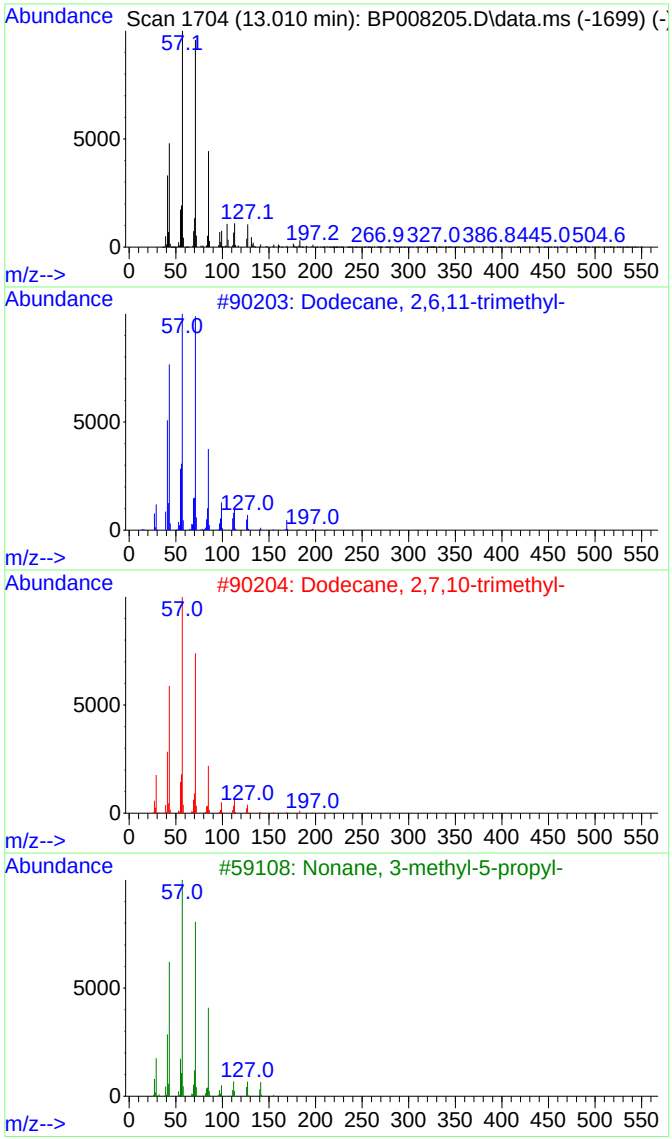
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

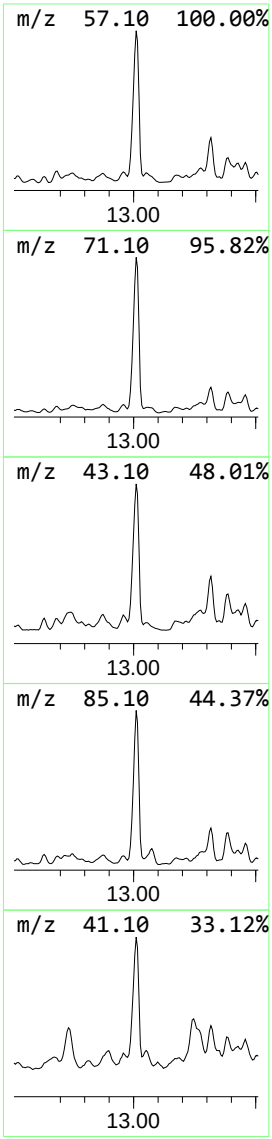
****

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	46.56 ng	8906880	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	53
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
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Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-3.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

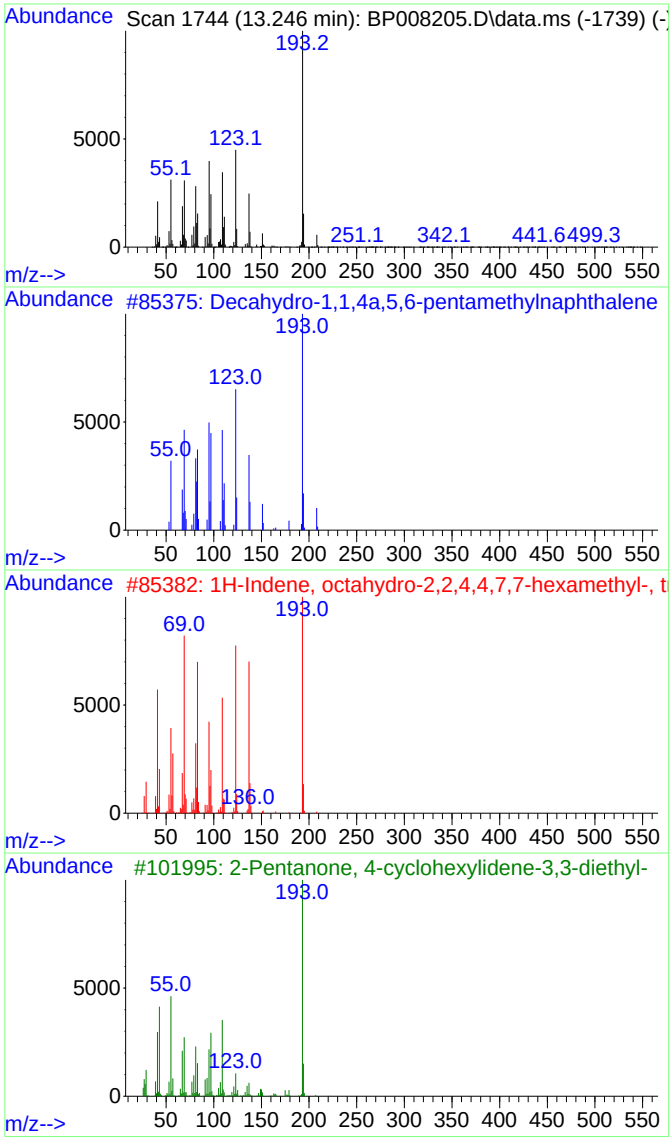
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

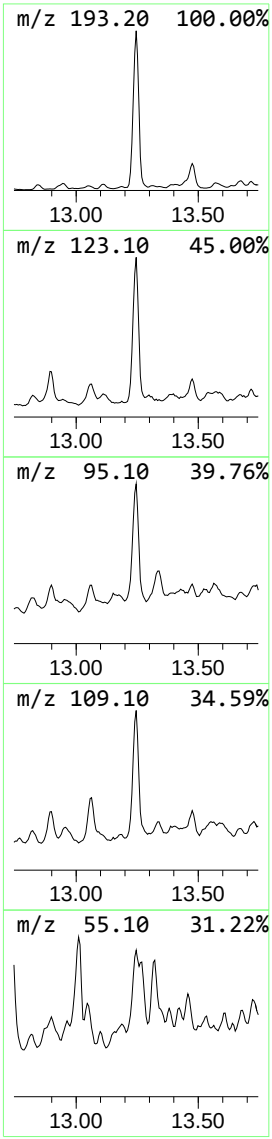
****

Peak Number 6 unknown13.246 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.246	34.99 ng	6693550	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	37
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	32





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Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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

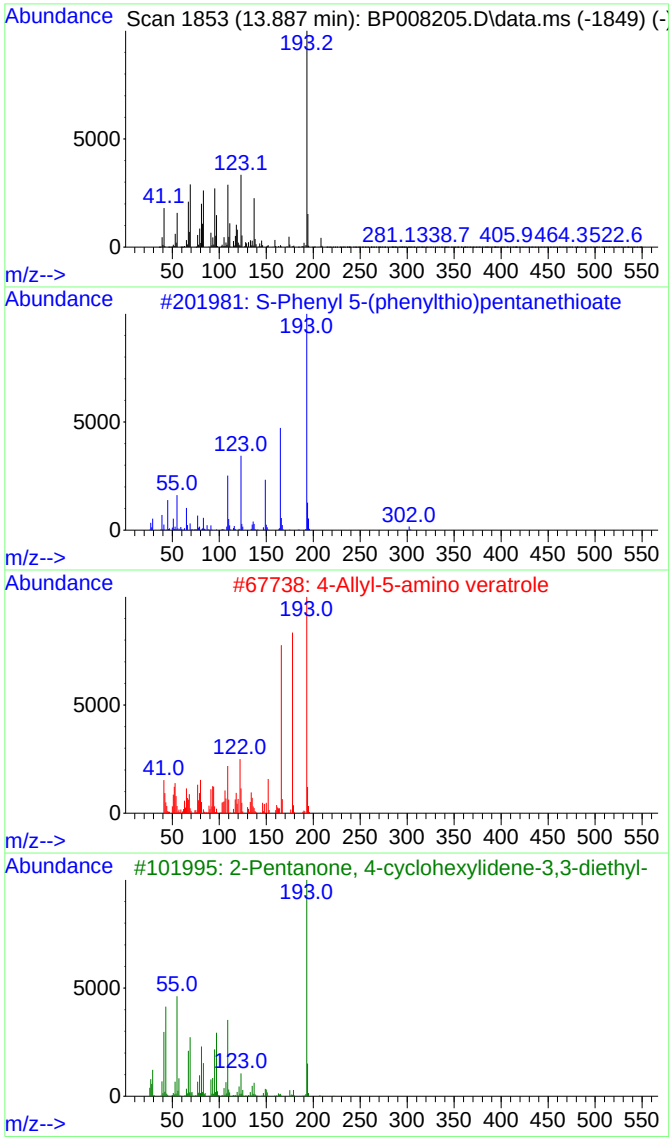
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

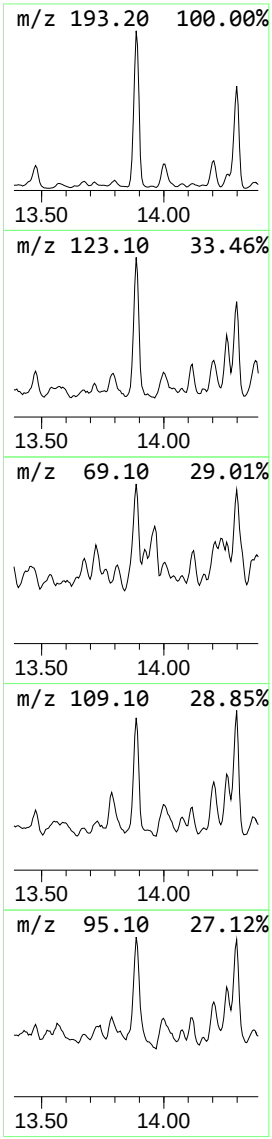
****

Peak Number 7 unknown13.887 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.887	20.38 ng	3898250	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	40
2	4-Allyl-5-amino veratrole	193	C11H15NO2	030058-51-6	38
3	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	35





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Misc :
ALS Vial : 4 Sample Multiplier: 1

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

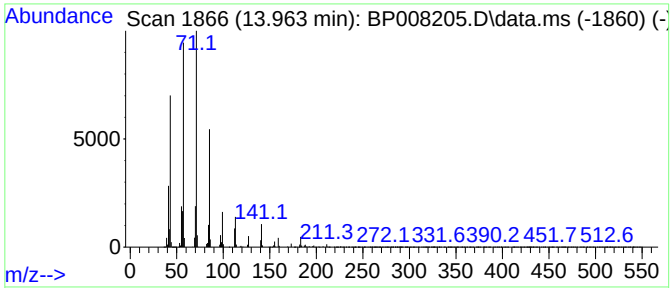
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

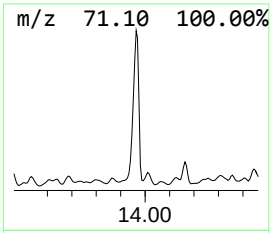
****

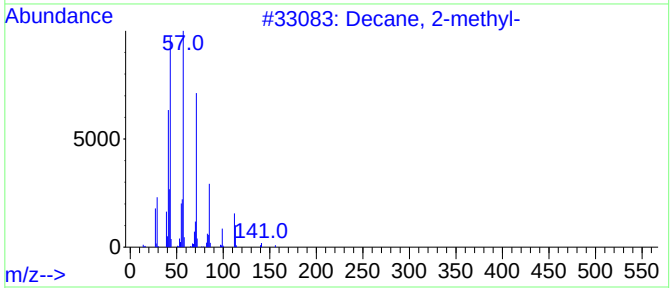
Peak Number 8 Decane, 2-methyl- Concentration Rank 5

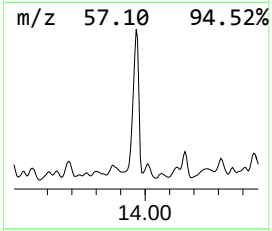
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	55.44 ng	10606600	Acenaphthene-d10	14.463

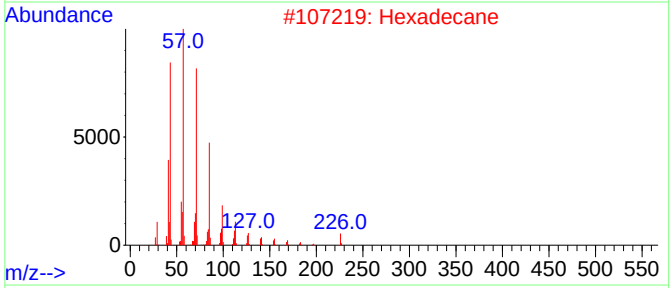
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83

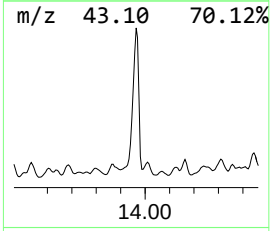


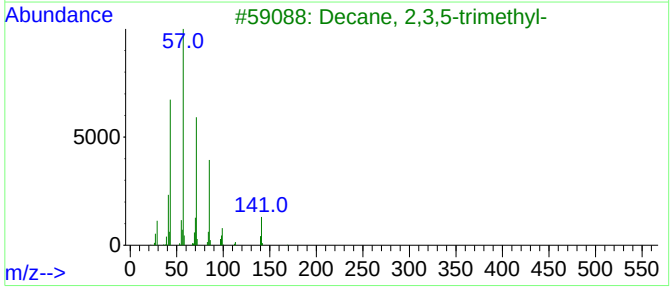


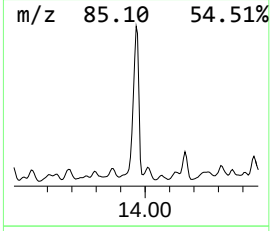


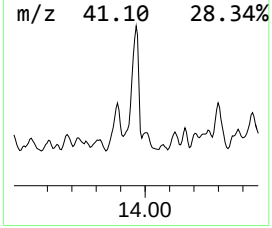












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Acq On : 03 Dec 2021 15:11
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Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2-3.0

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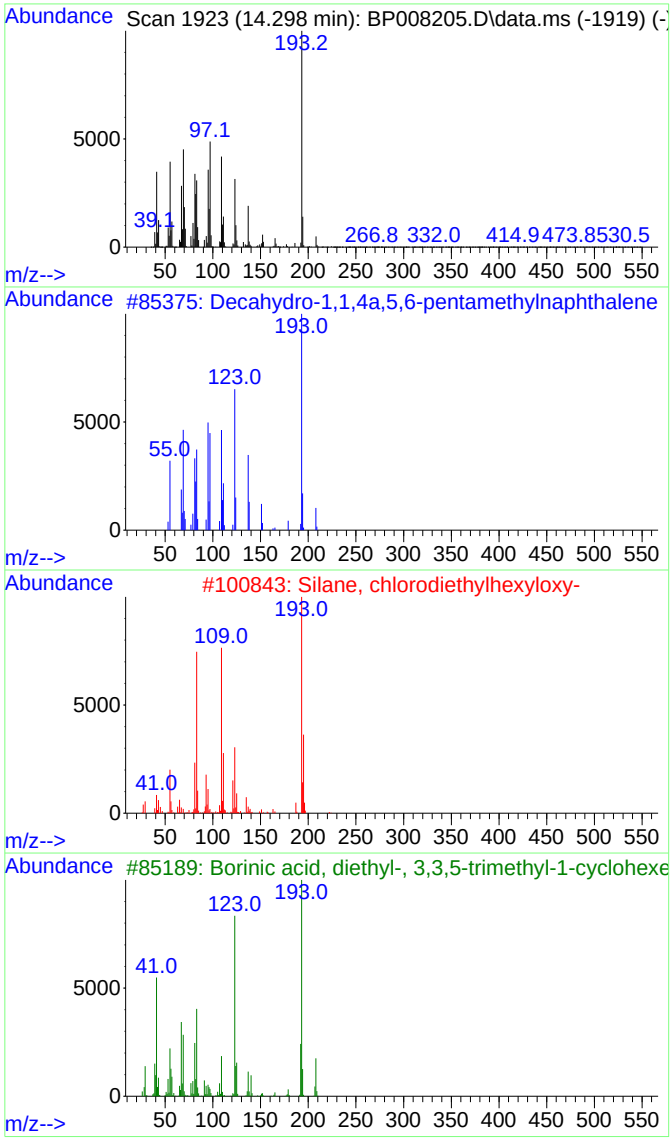
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

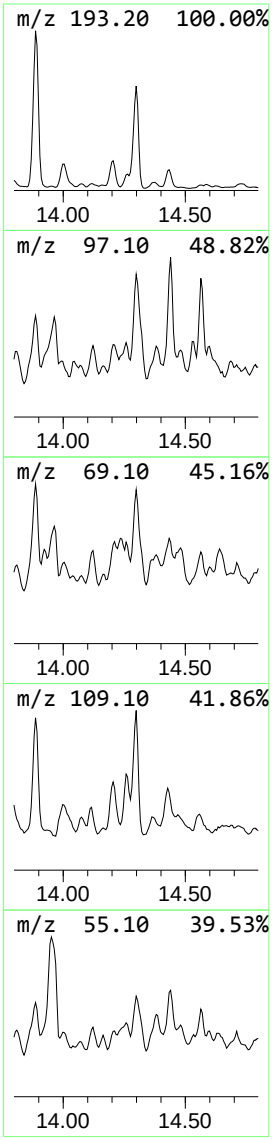
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	30.41 ng	5817110	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	52
2	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	38
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	37
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	36





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

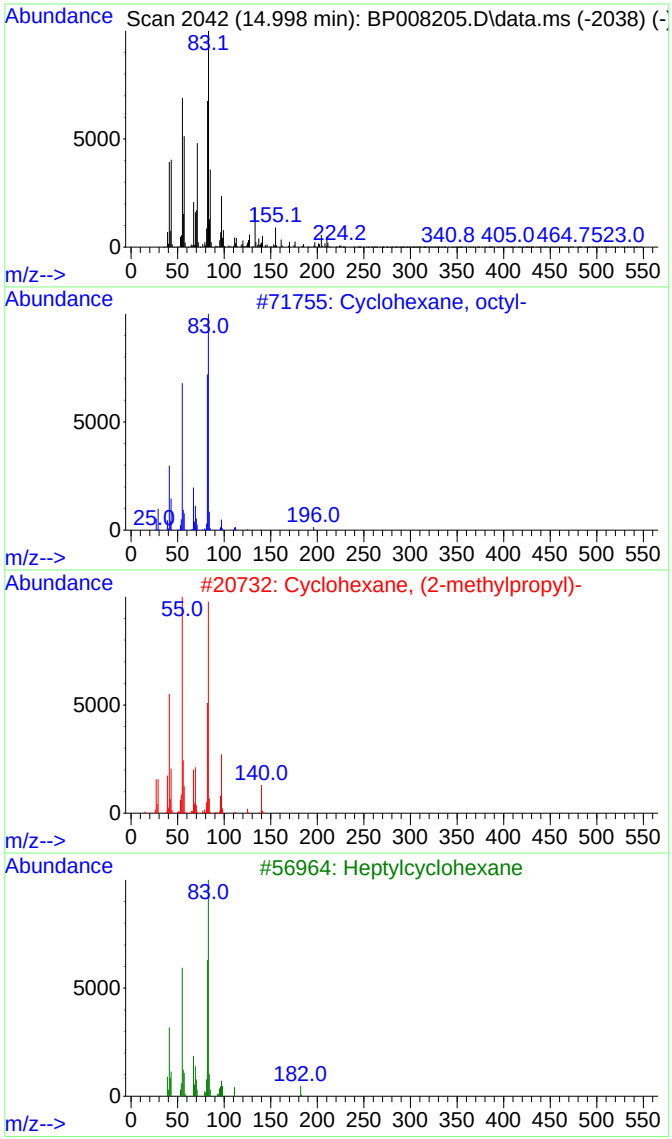
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

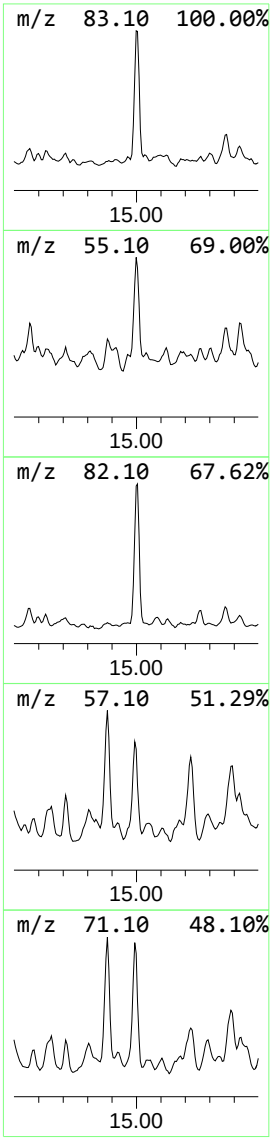
****

Peak Number 10 Cyclohexane, octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	33.44 ng	6397370	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	52
3	Heptylcyclohexane	182	C13H26	005617-41-4	49
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	47





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Misc :
ALS Vial : 4 Sample Multiplier: 1

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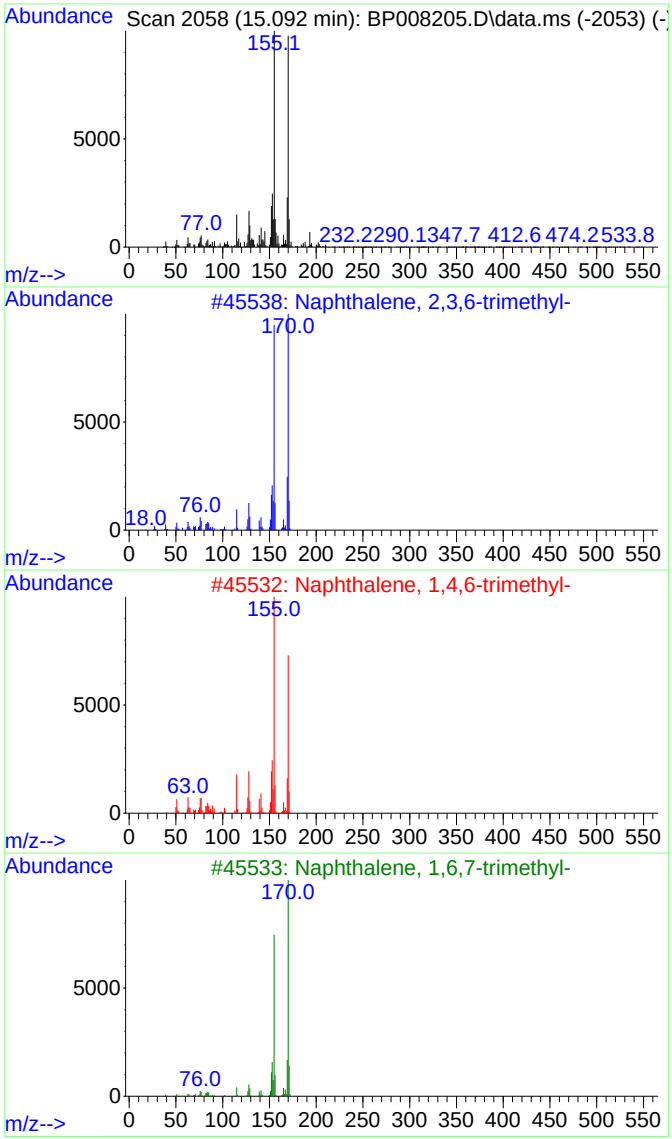
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

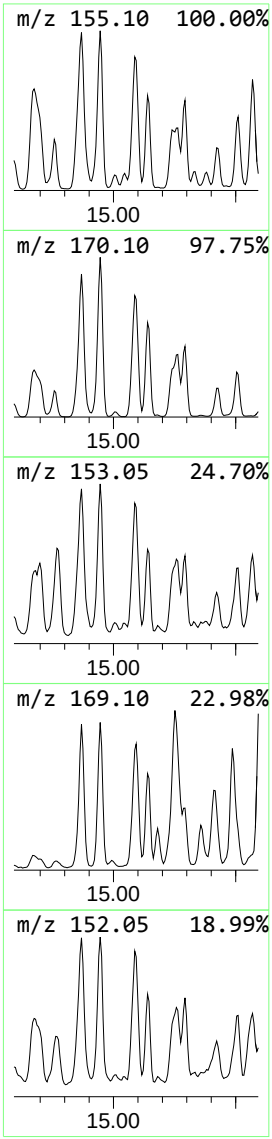
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	24.19 ng	4626920	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	94





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Sample : M4798-03
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ALS Vial : 4 Sample Multiplier: 1

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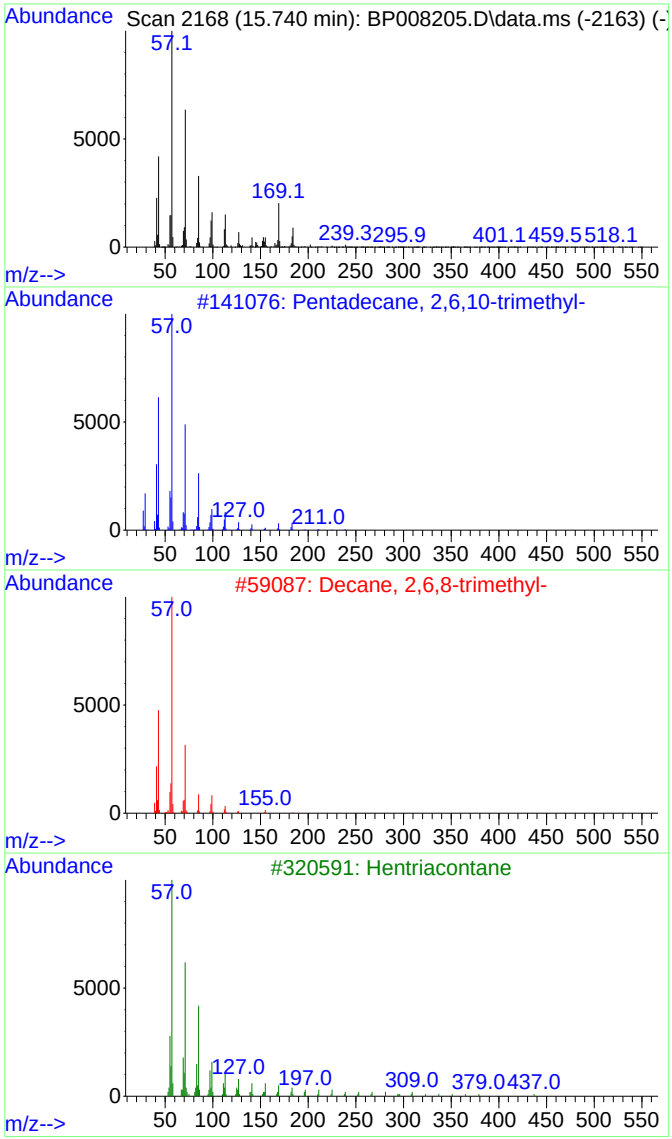
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

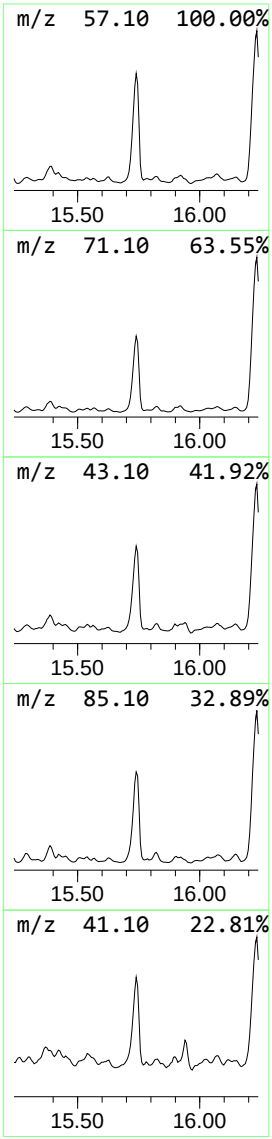
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	62.66 ng	11987300	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3	Hentriacontane	437	C31H64	000630-04-6	64
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Heptacosane	380	C27H56	000593-49-7	58





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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

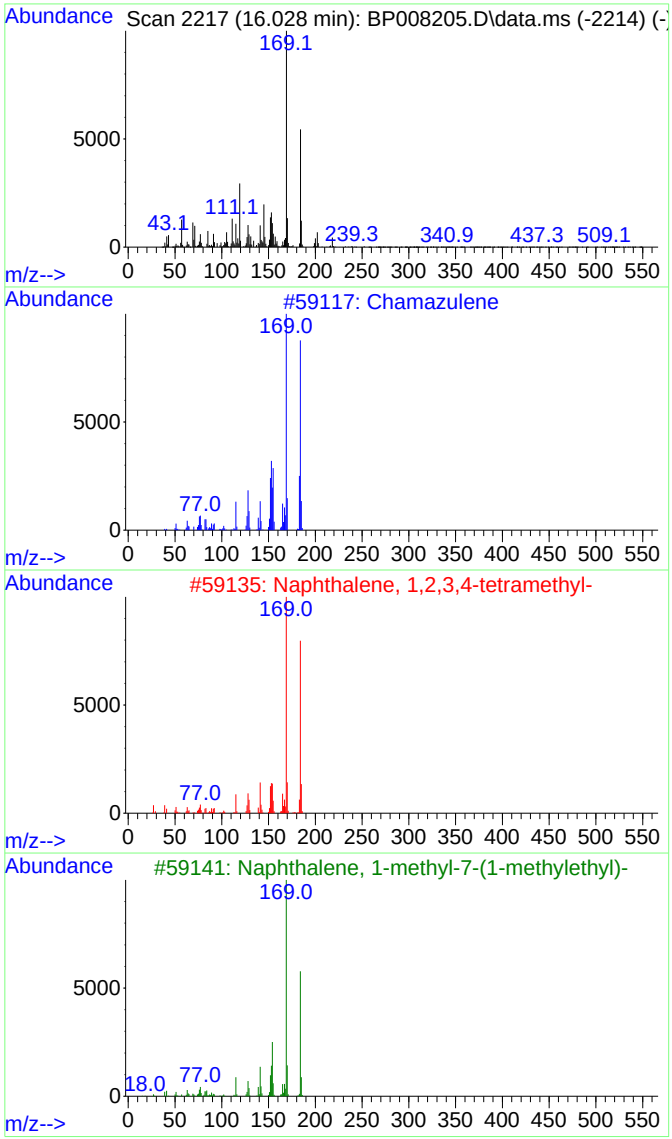
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

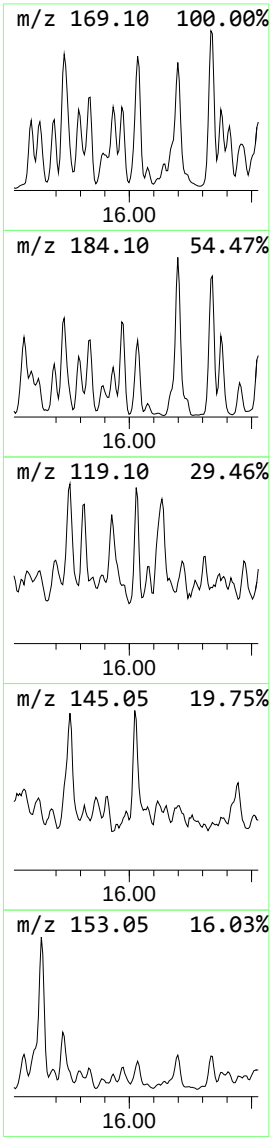
****

Peak Number 13 Chamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.028	20.53 ng	1858930	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	78
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	76
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
5	3-Amino-2-fluoropyridine, TMS	184	C8H13FN2Si	1000496-60-9	58





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TIC Library : C:\Database\NIST20.L
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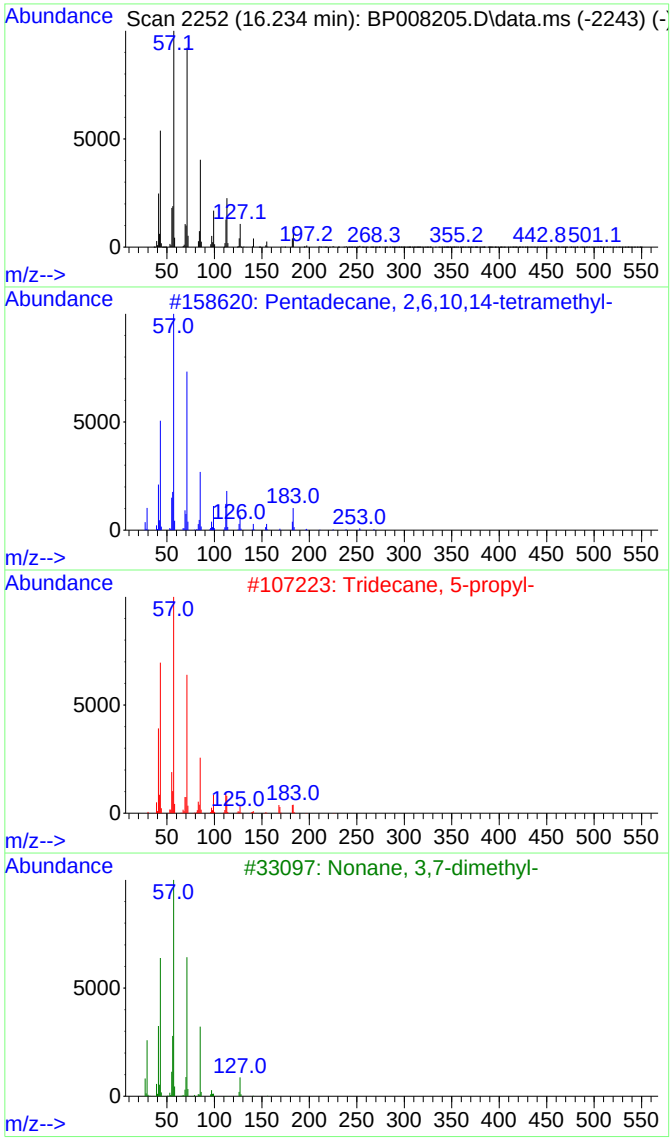
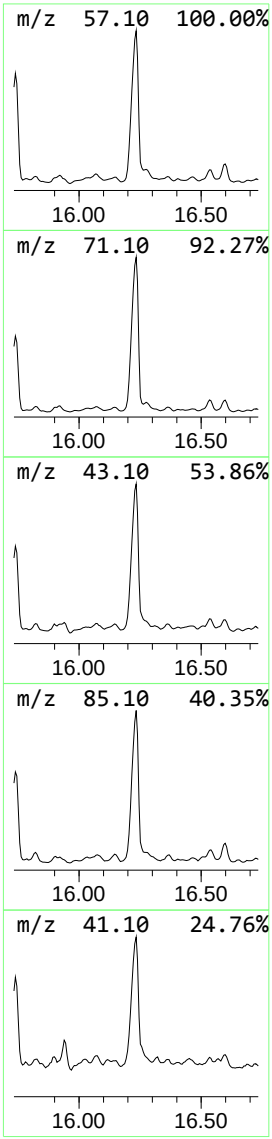
****
Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.234	231.05 ng	20919700	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
4	Heptacosane	380	C27H56	000593-49-7	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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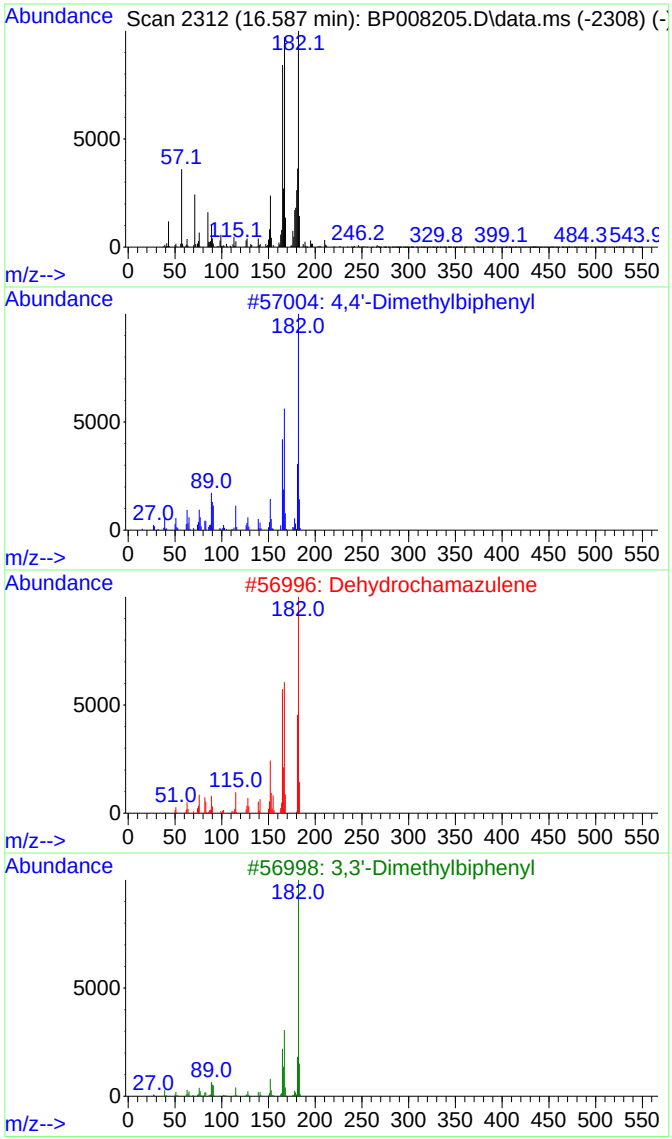
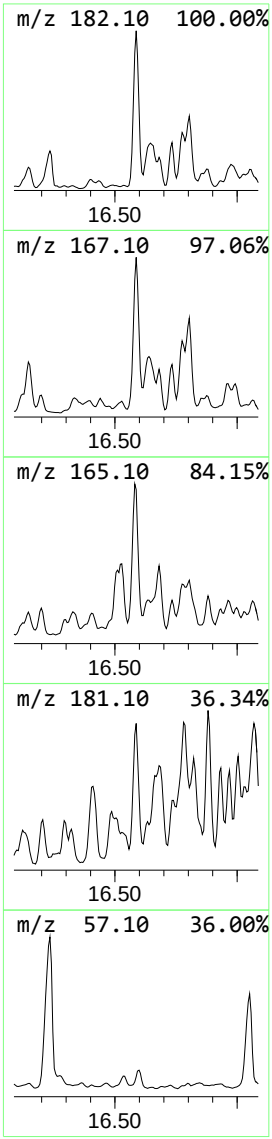
Peak Number 15 4,4'-Dimethylbiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.587	35.68 ng	3230410	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
2	Dehydrochamazulene	182	C14H14	321732-25-6	91
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	72
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	72
5	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70





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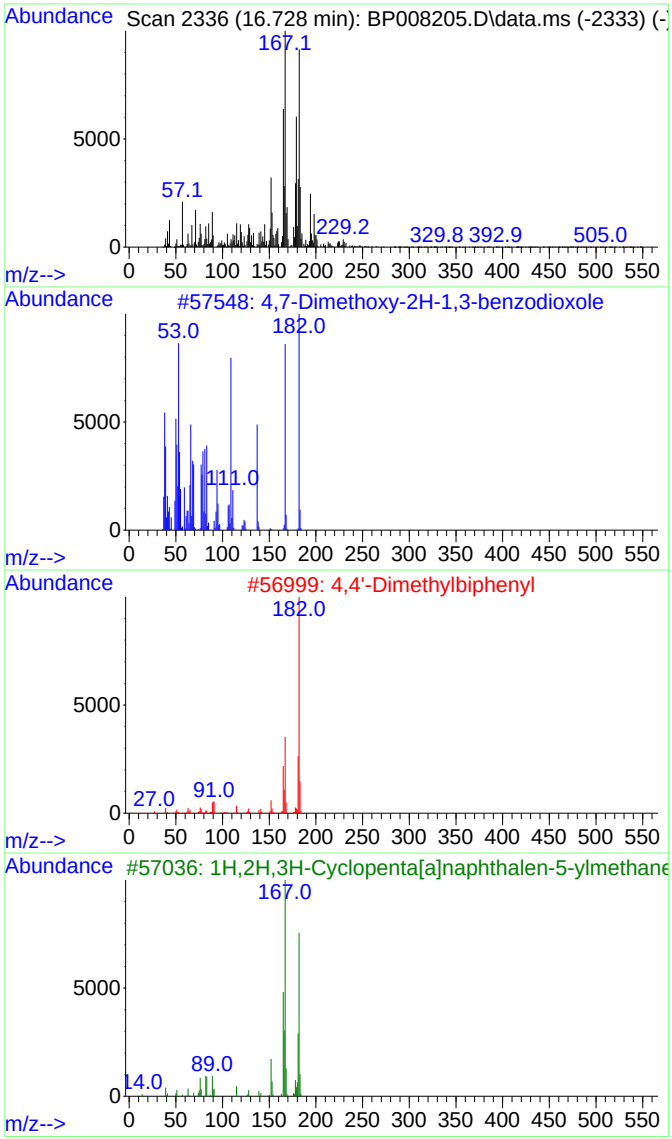
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

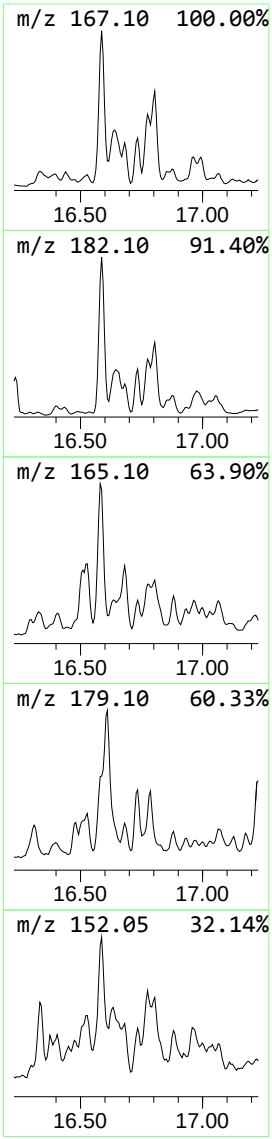
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4,7-Dimethoxy-2H-1,3-benzod... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	19.46 ng	1761560	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Dimethoxy-2H-1,3-benzodioxole	182	C9H10O4	023731-75-1	86
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	86
3	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	86
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	78
5	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	70





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Data File : BP008205.D
Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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

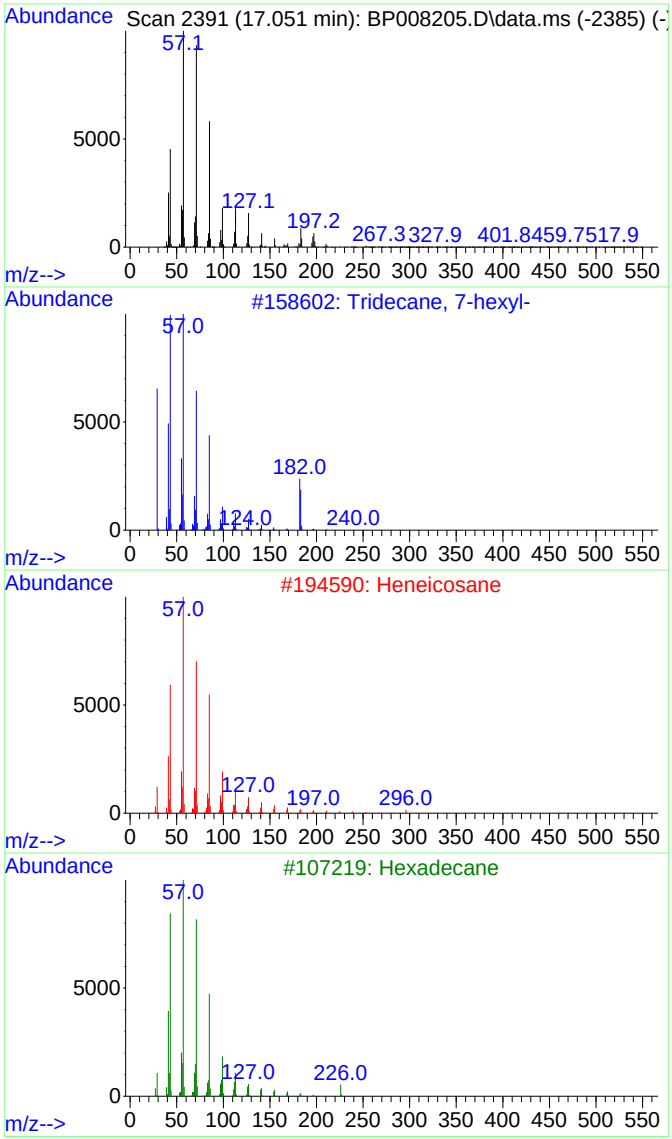
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

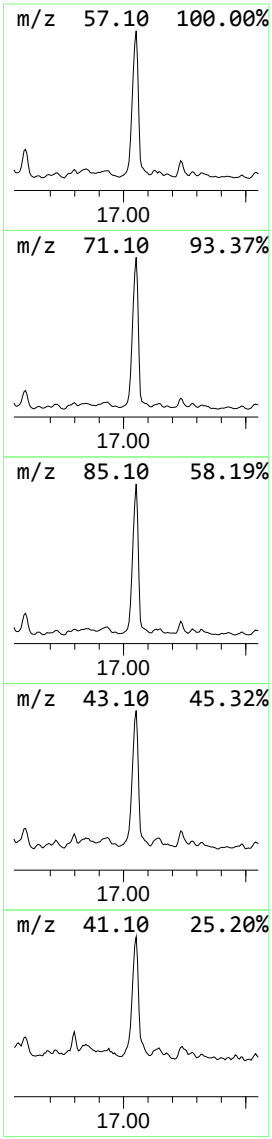
****

Peak Number 17 Tridecane, 7-hexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	152.33 ng	13792600	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87





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Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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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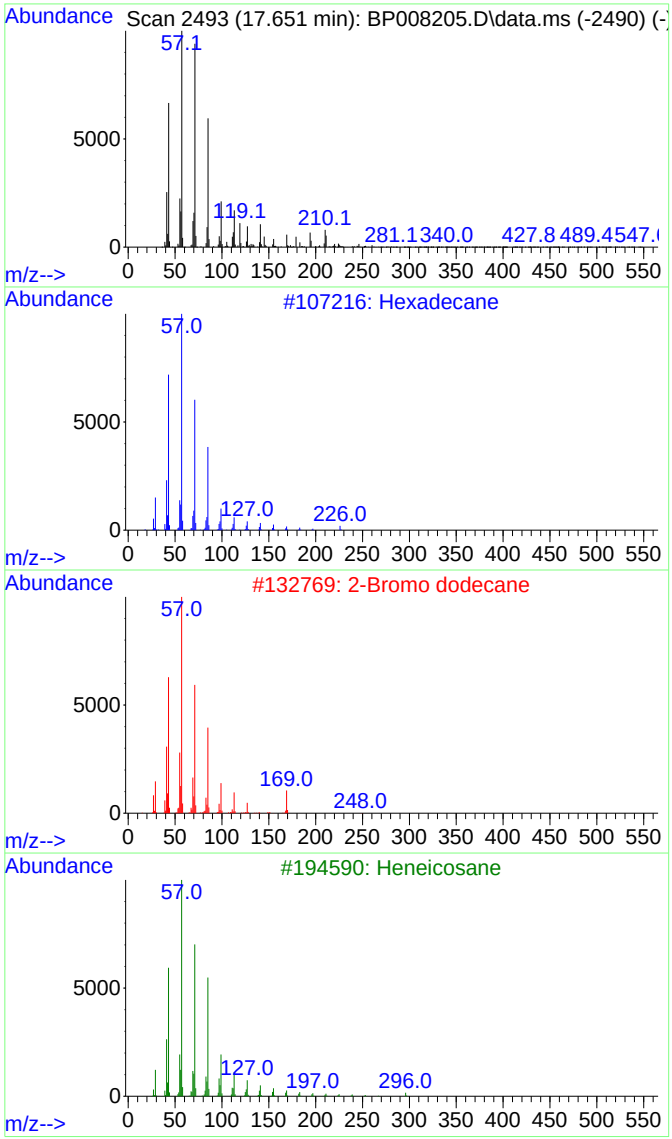
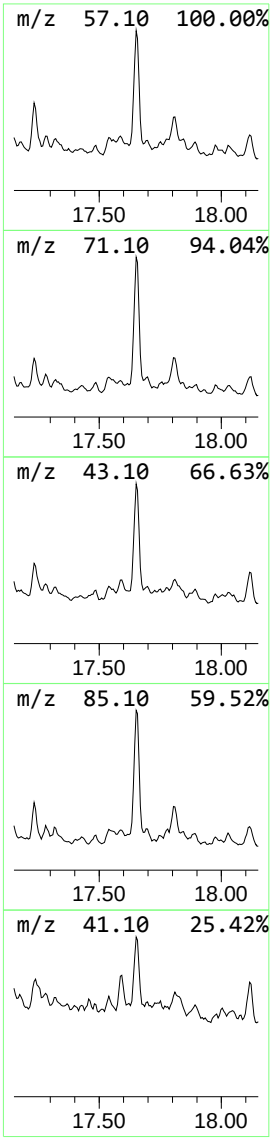
Peak Number 18 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	42.67 ng	3862970	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Pentacosane	352	C25H52	000629-99-2	86
5	Heptadecane	240	C17H36	000629-78-7	80





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Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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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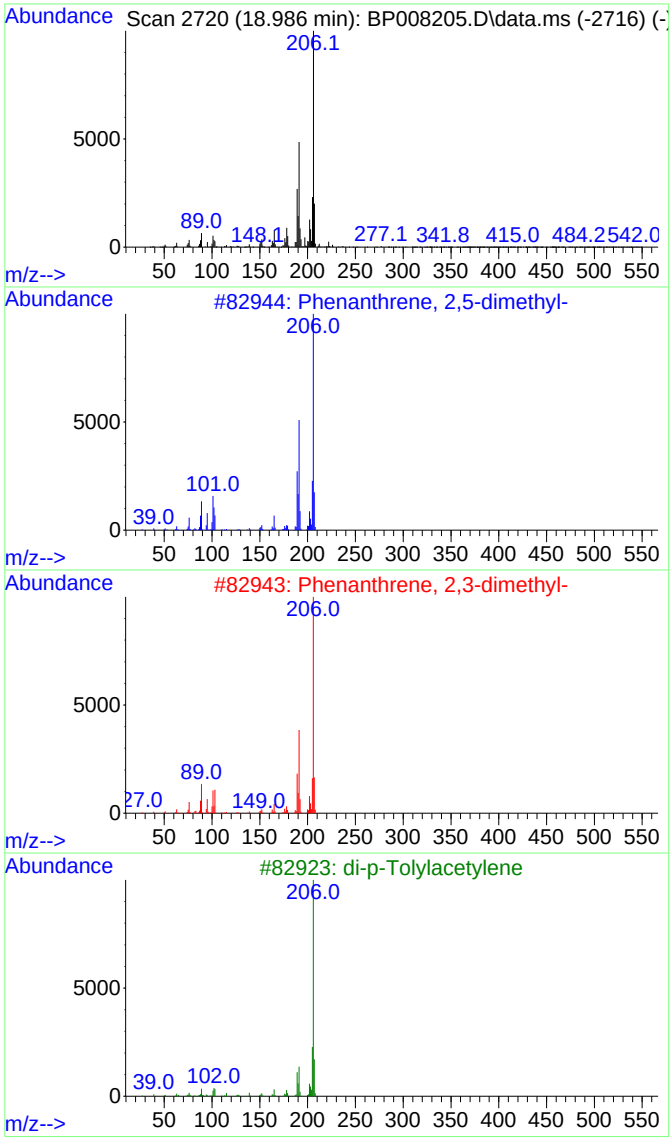
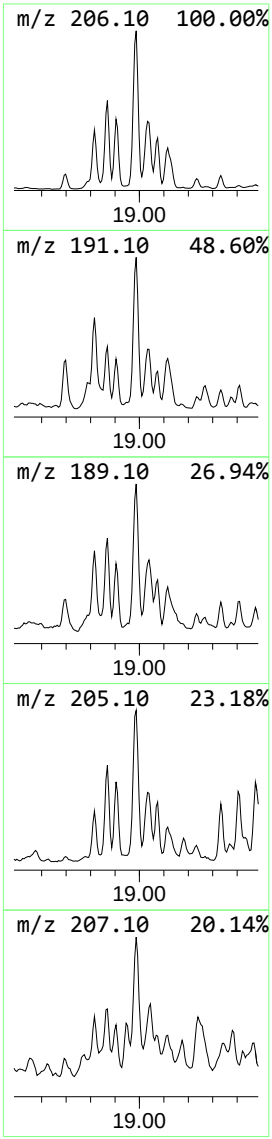
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	24.02 ng	2174420	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Data File : BP008205.D
Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

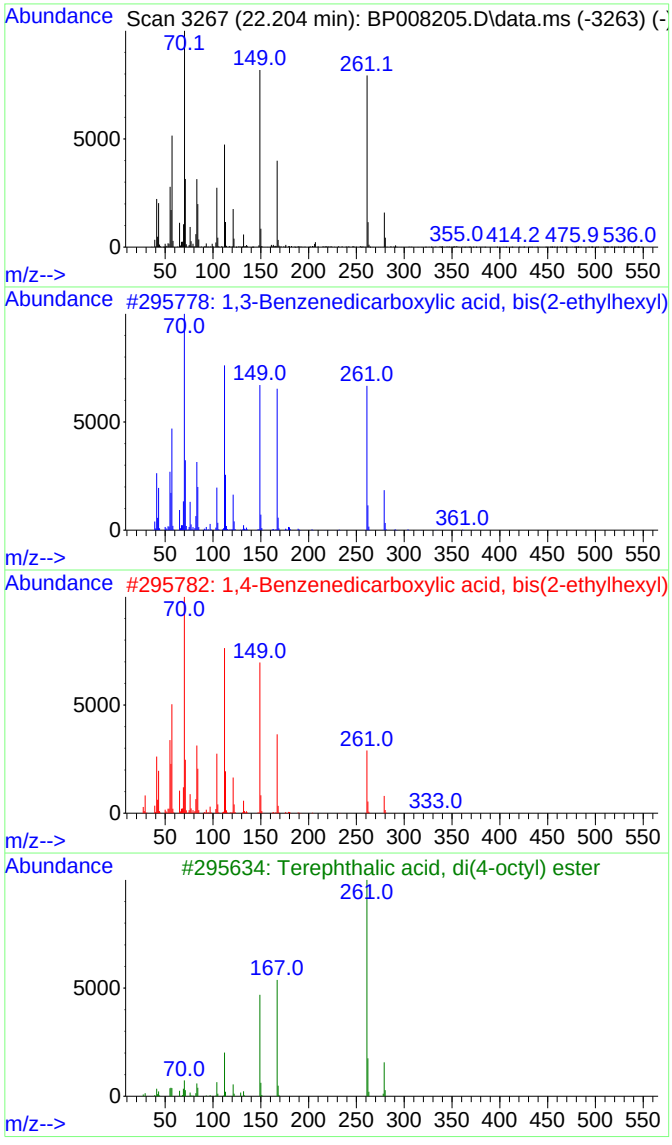
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

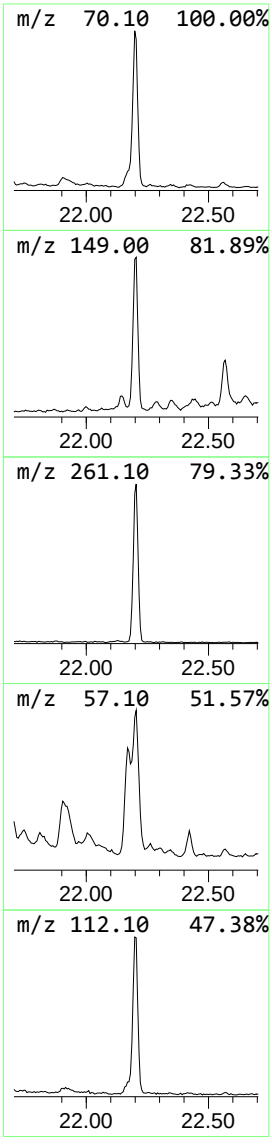
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,3-Benzenedicarboxylic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.204	20.68 ng	1768660	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	64
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	62
3	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	53
4	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	50
5	Terephthalic acid, 3,4-dichlorop...	422	C22H24Cl2O4	1010323-69-2	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008205.D
Acq On : 03 Dec 2021 15:11
Operator : CG/JU
Sample : M4798-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-3.0

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, 4-ethy...	8.905	19.4	ng	1336510	1	7.799	1379180	20.0
Undecane, 2,6-d...	10.775	31.2	ng	5062580	2	10.599	3243340	20.0
Cyclohexane, (4...	11.310	26.0	ng	4218270	2	10.599	3243340	20.0
Sulfurous acid,...	11.652	63.5	ng	10295200	2	10.599	3243340	20.0
Dodecane, 2,6,1...	13.010	46.6	ng	8906880	3	14.463	3826210	20.0
unknown13.246	13.246	35.0	ng	6693550	3	14.463	3826210	20.0
unknown13.887	13.887	20.4	ng	3898250	3	14.463	3826210	20.0
Decane, 2-methyl-	13.963	55.4	ng	10606600	3	14.463	3826210	20.0
Decahydro-1,1,4...	14.298	30.4	ng	5817110	3	14.463	3826210	20.0
Cyclohexane, oc...	14.998	33.4	ng	6397370	3	14.463	3826210	20.0
Naphthalene, 2,...	15.092	24.2	ng	4626920	3	14.463	3826210	20.0
Pentadecane, 2,...	15.740	62.7	ng	11987300	3	14.463	3826210	20.0
Chamazulene	16.028	20.5	ng	1858930	4	17.222	1810830	20.0
Pentadecane, 2,...	16.234	231.1	ng	20919700	4	17.222	1810830	20.0
4,4'-Dimethylbi...	16.587	35.7	ng	3230410	4	17.222	1810830	20.0
4,7-Dimethoxy-2...	16.728	19.5	ng	1761560	4	17.222	1810830	20.0
Tridecane, 7-he...	17.051	152.3	ng	13792600	4	17.222	1810830	20.0
Hexadecane	17.651	42.7	ng	3862970	4	17.222	1810830	20.0
Phenanthrene, 2...	18.986	24.0	ng	2174420	4	17.222	1810830	20.0
1,3-Benzenedica...	22.204	20.7	ng	1768660	5	21.310	1710690	20.0