LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	401	410	437	rBV	2838591	4786329	47.00%	2.653%
2	6.075	517	525	533	rBV5	59049	156221	1.53%	0.087%
3	6.287	554	561	569	rBV4	55363	121919	1.20%	0.068%
4	6.793	637	647	652	rBV2	113342	231970	2.28%	0.129%
5	6.940	667	672	676	rBV2	106542	219699	2.16%	0.122%
6	6.999	676	682	694	rVB	2647508	4798677	47.12%	2.659%
7	7.287	726	731	739	rBV4	46051	138037	1.36%	0.076%
8	7.358	739	743	753	rVB5	71662	181919	1.79%	0.101%
9	7.722	795	805	809	rBV6	127012	352070	3.46%	0.195%
10	7.799	809	818	825	rVV2	762223	1709032	16.78%	0.947%
11	7.869	825	830	835	rVB3	107887	207841	2.04%	0.115%
12	7.987	845	850	854	rVB4	156265	256631	2.52%	0.142%
13	8.081	859	866	874	rVB7	118561	347071	3.41%	0.192%
14	8.299	898	903	905	rBV3	74620	128641	1.26%	0.071%
15	8.352	905	912	916	rVB2	145052	358834	3.52%	0.199%
16	8.628	954	959	962	rBV	198066	277692	2.73%	0.154%
17	8.781	981	985	994	rVB6	68529	158100	1.55%	0.088%
18	8.905	994	1006	1010	rBV7	371614	997818	9.80%	0.553%
19	8.963	1010	1016	1029	rVB	1796242	3482219	34.19%	1.930%
20	9.116	1037	1042	1044	rBV3	239110	382974	3.76%	0.212%
21	9.152	1045	1048	1054	rVB5	311000	615115	6.04%	0.341%
22	9.263	1054	1067	1075	rBV5	253741	995488	9.78%	0.552%
23	9.387	1084	1088	1092	rVB5	161248	246044	2.42%	0.136%
24	9.446	1092	1098	1105	rVV3	368908	821626	8.07%	0.455%
25	9.516	1105	1110	1115	rVV3	421002	729506	7.16%	0.404%
26	9.569	1116	1119	1123	rVB2	100873	128582	1.26%	0.071%
27	9.681	1132	1138	1142	rBV3	228901	477012	4.68%	0.264%
28	9.722	1142	1145	1149	rVB	169347	224697	2.21%	0.125%
29	9.775	1149	1154	1163	rBV5	681916	1343059	13.19%	0.744%
30	9.858	1163	1168	1170	rBV5	148838	271422	2.67%	0.150%
31	9.952	1181	1184	1188	rVB2	158561	210942	2.07%	0.117%
32	9.999	1188	1192	1196	rBV4	156424	313781	3.08%	0.174%
33	10.052	1198	1201	1206	rVB6	155446	266810	2.62%	0.148%
34	10.193	1219	1225	1234	rBV6	234376	569977	5.60%	0.316%
35	10.299	1239	1243	1246	rBV3	225738	366037	3.59%	0.203%
36	10.469	1267	1272	1275	rBV2	230965	458667	4.50%	0.254%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.599	1284	1294	1300	rBV	1147468	2684631	26.36%	1.488%
38	10.716	1310	1314	1318	rBV4	347474	529761	5.20%	0.294%
39	10.769	1318	1323	1328	rVV	1360122	2129380	20.91%	1.180%
40	10.828	1329	1333	1340	rVV3	332208	723631	7.11%	0.401%
41	10.893	1341	1344	1350	rVB5	282990	471418	4.63%	0.261%
42	11.005	1359	1363	1367	rBV3	216602	356765	3.50%	0.198%
43	11.093	1374	1378	1382	rVB3	518785	704896	6.92%	0.391%
44	11.216	1396	1399	1403	rBV3	203280	272984	2.68%	0.151%
45	11.299	1403	1413	1419	rVV10	647320	1888302	18.54%	1.046%
46	11.375	1422	1426	1432	rVV6	224787	446743	4.39%	0.248%
47	11.634	1465	1470	1479	rBV	2192358	4713152	46.28%	2.612%
48	11.793	1493	1497	1500	rBV3	291859	439339	4.31%	0.243%
49	11.887	1510	1513	1518	rVB3	455953	646593	6.35%	0.358%
50	12.340	1585	1590	1596	rBV5	441254	1010458	9.92%	0.560%
51	12.399	1597	1600	1602	rBV3	291567	371898	3.65%	0.206%
52	12.475	1609	1613	1618	rBV5	452362	903049	8.87%	0.500%
53	12.728	1653	1656	1663	rVB3	615055	1130979	11.11%	0.627%
54	12.799	1665	1668	1673	rVV4	361649	472307	4.64%	0.262%
55	12.881	1676	1682	1688	rVB6	764813	1471078	14.45%	0.815%
56	12.946	1689	1693	1696	rBV5	421906	783800	7.70%	0.434%
57	12.987	1696	1700	1705	rVV	2481325	3821664	37.53%	2.118%
58	13.069	1707	1714	1725	rVB	4293658	7964786	78.21%	4.414%
59	13.228	1737	1741	1743	rBV	600568	892576	8.76%	0.495%
60	13.299	1750	1753	1756	rVB2	360823	416717	4.09%	0.231%
61	13.375	1762	1766	1773	rBV2	580664	1011690	9.93%	0.561%
62	13.769	1829	1833	1839	rBV	1058030	1626364	15.97%	0.901%
63	13.869	1845	1850	1855	rVB	2068103	2980589	29.27%	1.652%
64	13.934	1857	1861	1866	rVV2	2906131	4163320	40.88%	2.307%
65	13.998	1866	1872	1876	rVB4	637442	1464234	14.38%	0.811%
66	14.146	1894	1897	1899	rBV2	406446	550080	5.40%	0.305%
67	14.181	1899	1903	1911	rVV5	936061	2530593	24.85%	1.402%
68	14.275	1915	1919	1927	rVB3	1816549	3144563	30.88%	1.743%
69	14.351	1927	1932	1936	rBV5	462220	1005832	9.88%	0.557%
70	14.416	1938	1943	1945	rBV4	1103766	1785381	17.53%	0.989%
71	14.446	1945	1948	1955	rVB	1813756	2810985	27.60%	1.558%
72	14.851	2014	2017	2022	rVB2	1366485	1936702	19.02%	1.073%
73	14.928	2027	2030	2033	rVB	793851	1031575	10.13%	0.572%
74	14.975	2034	2038	2049	rVB6	1147487	2031396	19.95%	1.126%
75	15.069	2050	2054	2058	rBV	1323631	2304118	22.63%	1.277%
76	15.493	2123	2126	2130	rBV2	681657	996407	9.78%	0.552%

LSC Area Percent Report

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Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.622	2145	2148	2152	rVB2	1128107	1502329	14.75%	0.833%
78	15.716	2159	2164	2170	rVB	2293449	3583338	35.19%	1.986%
79	15.951	2199	2204	2211	rVB2	3637832	5768809	56.65%	3.197%
80	16.198	2239	2246	2257	rVB2	4334984	7955433	78.12%	4.409%
81	16.316	2263	2266	2270	rVB	626094	770737	7.57%	0.427%
82	16.563	2304	2308	2314	rBV3	1263180	2149079	21.10%	1.191%
83	17.022	2381	2386	2395	rVB	2723175	5246621	51.52%	2.908%
84	17.204	2413	2417	2421	rBV	1891607	2953489	29.00%	1.637%
85	17.245	2421	2424	2431	rVB	2446574	3631642	35.66%	2.013%
86	17.628	2484	2489	2499	rVB4	987829	1993754	19.58%	1.105%
87	18.075	2563	2565	2568	rBV	459249	577998	5.68%	0.320%
88	18.963	2713	2716	2721	rBV	615096	866563	8.51%	0.480%
89	19.222	2755	2760	2766	rBV	3940697	5083505	49.92%	2.817%
90	19.575	2811	2820	2828	rVV	3448476	5946051	58.39%	3.295%
91	19.645	2829	2832	2838	rVB2	423079	652722	6.41%	0.362%
92	19.769	2848	2853	2858	rVB	8458554	10183797	100.00%	5.644%
93	20.157	2916	2919	2922	rVB	366380	428302	4.21%	0.237%
94	21.298	3107	3113	3117	rBV2	2868553	5519700	54.20%	3.059%
95	21.339	3117	3120	3128	rVB	1567235	1898224	18.64%	1.052%
96	21.416	3128	3133	3138	rBV	7030630	9492481	93.21%	5.261%
97	22.974	3392	3398	3403	rBV	1387996	3264191	32.05%	1.809%
98	23.492	3482	3486	3496	rVB	862515	1640529	16.11%	0.909%
99	23.598	3498	3504	3511	rVB	1389449	2700332	26.52%	1.496%
100	23.704	3516	3522	3527	rBV	1451003	2682458	26.34%	1.487%

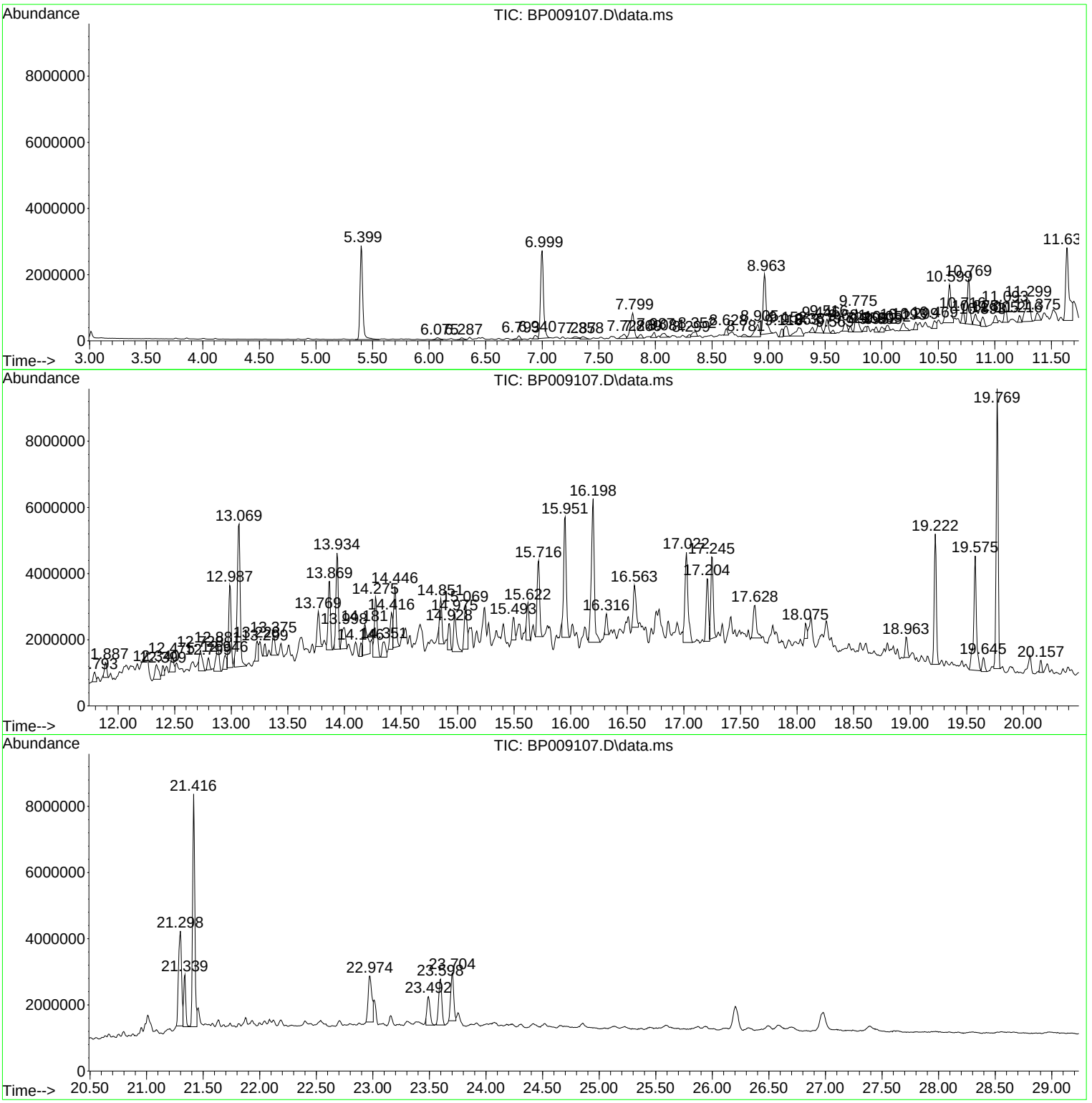
Sum of corrected areas: 180445279

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

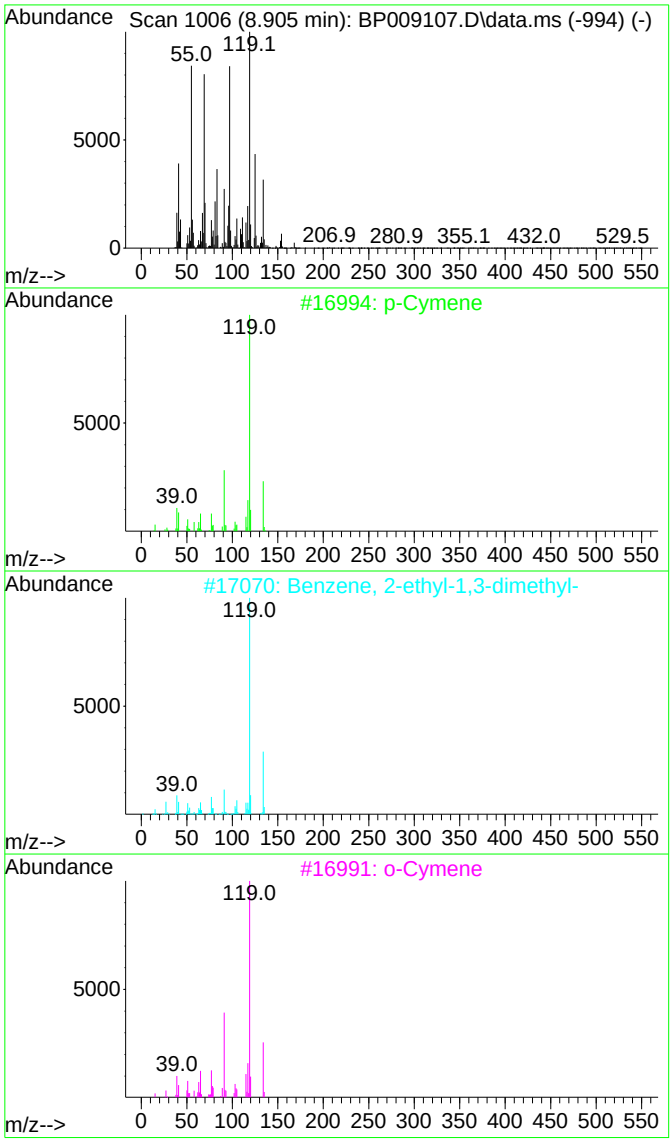
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

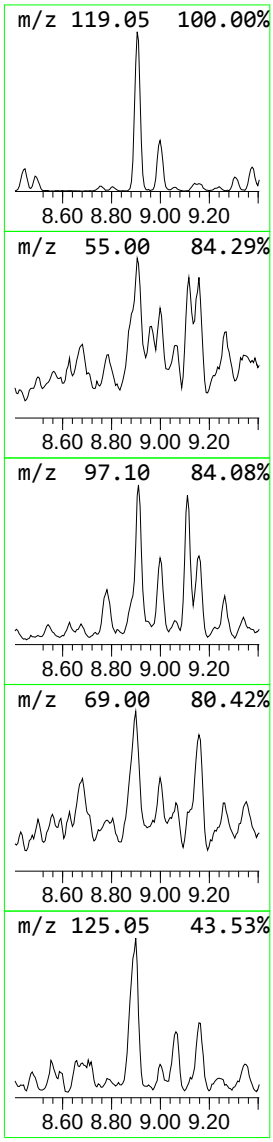
****

Peak Number 1 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.905	11.68 ng	997818	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	78
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3	o-Cymene	134	C10H14	000527-84-4	47
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

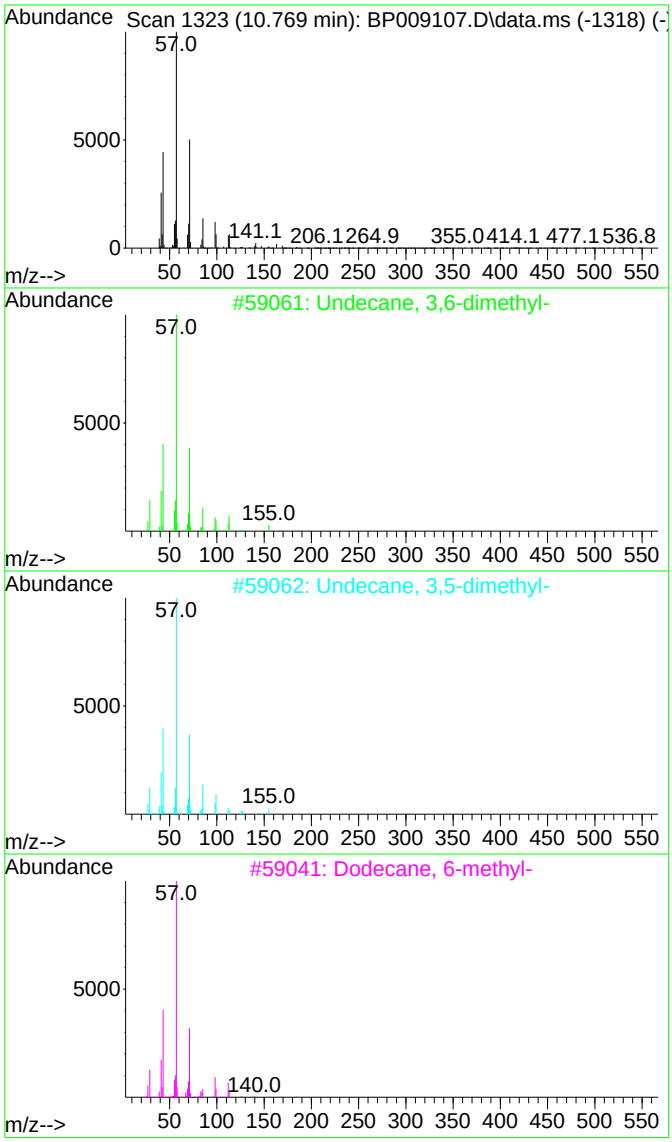
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

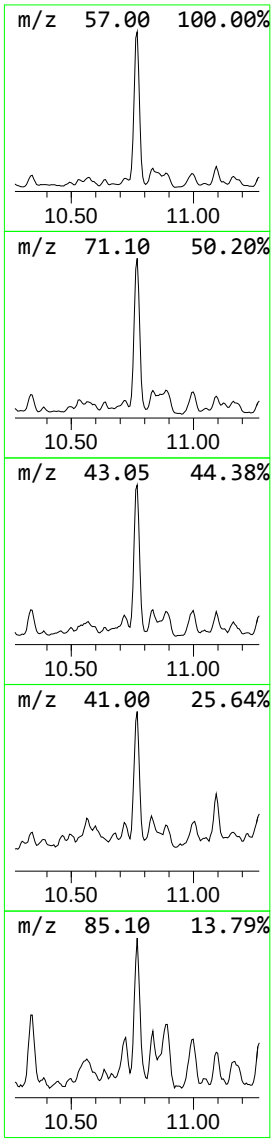
****

Peak Number 2 Undecane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	15.86 ng	2129380	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

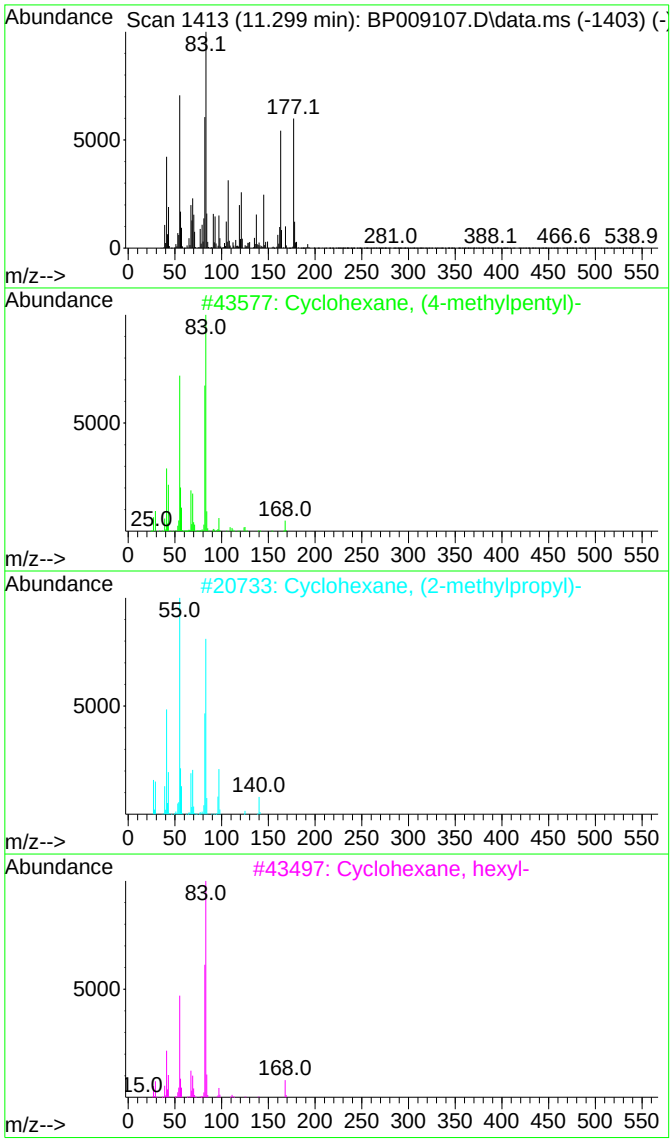
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

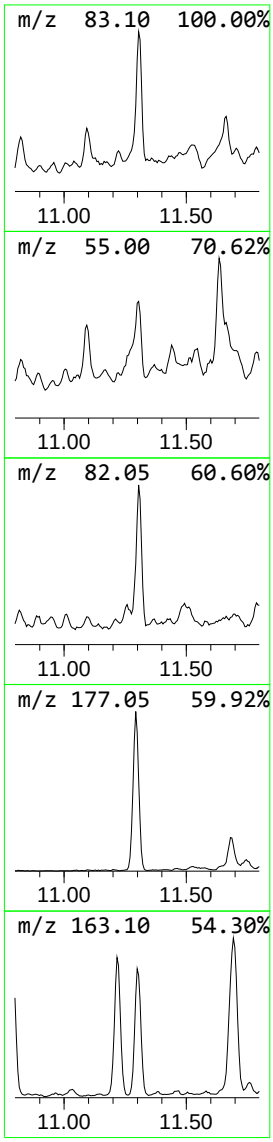
****

Peak Number 3 unknown11.299 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.299	14.07 ng	1888300	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	30
5	Heptylcyclohexane	182	C13H26	005617-41-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

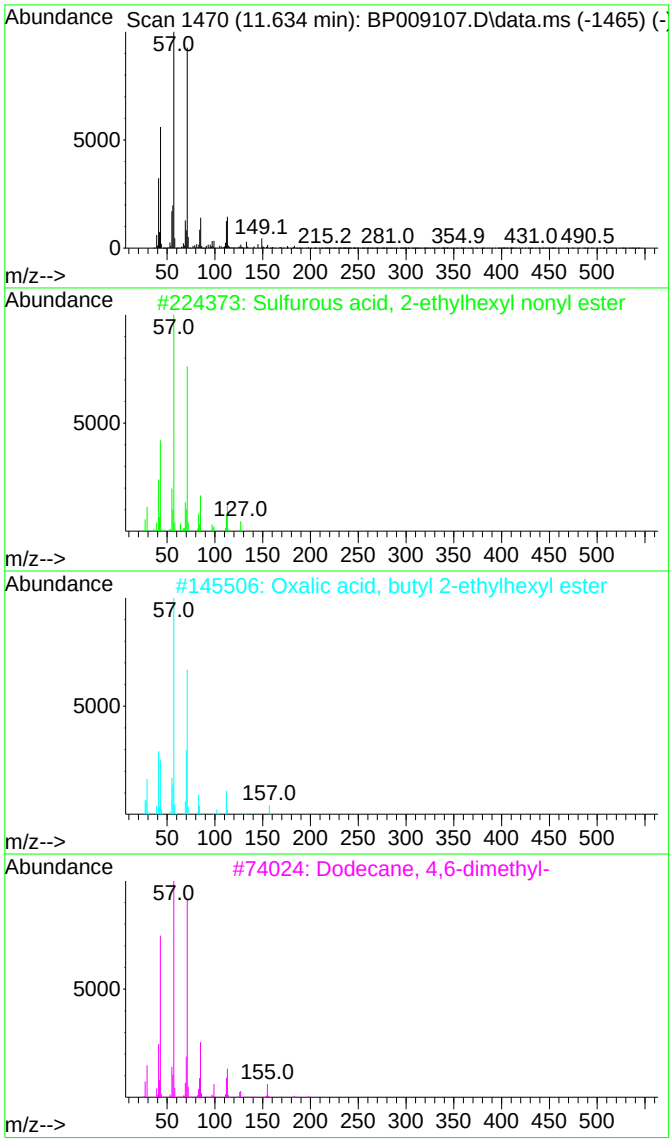
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

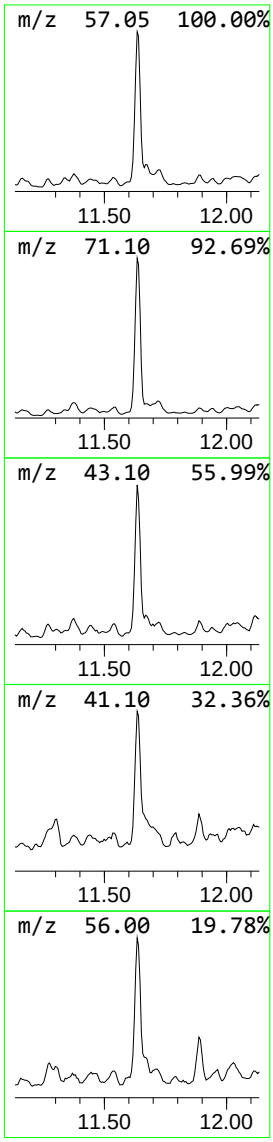
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	35.11 ng	4713150	Naphthalene-d8	10.599

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
2	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

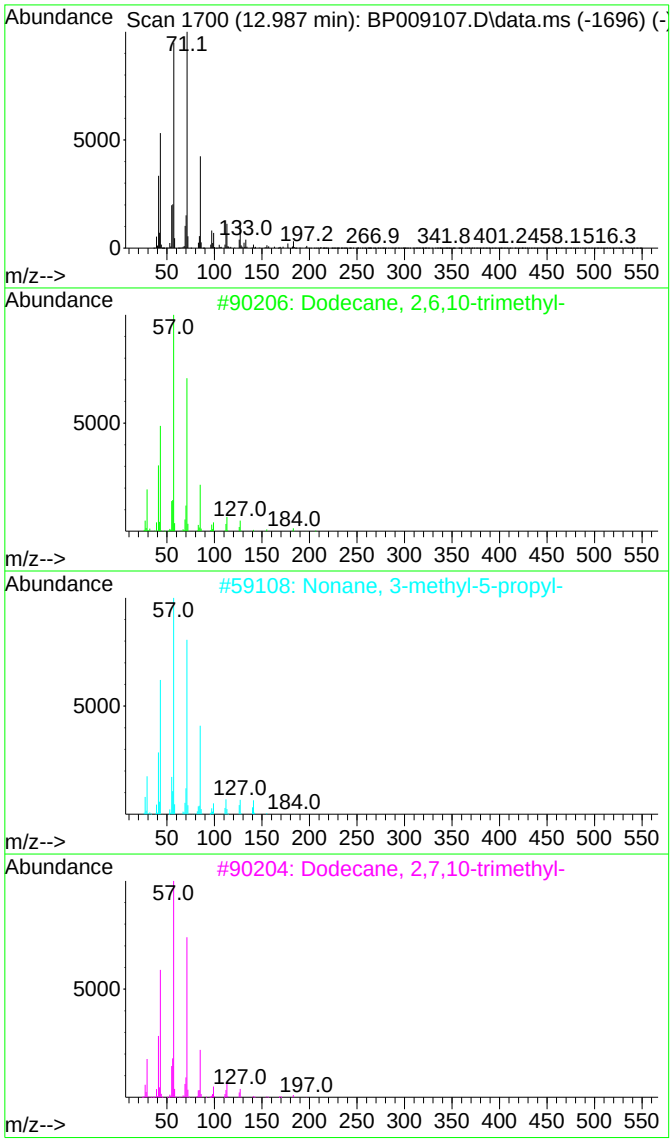
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

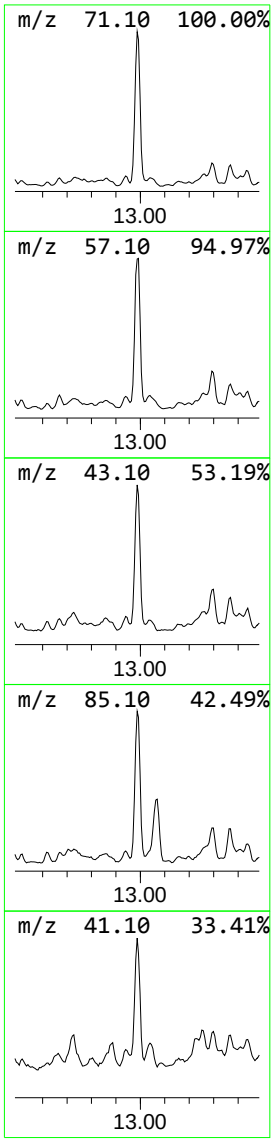
****

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	27.19 ng	3821660	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
5	Decane, 5-propyl-	184	C13H28	017312-62-8	72





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Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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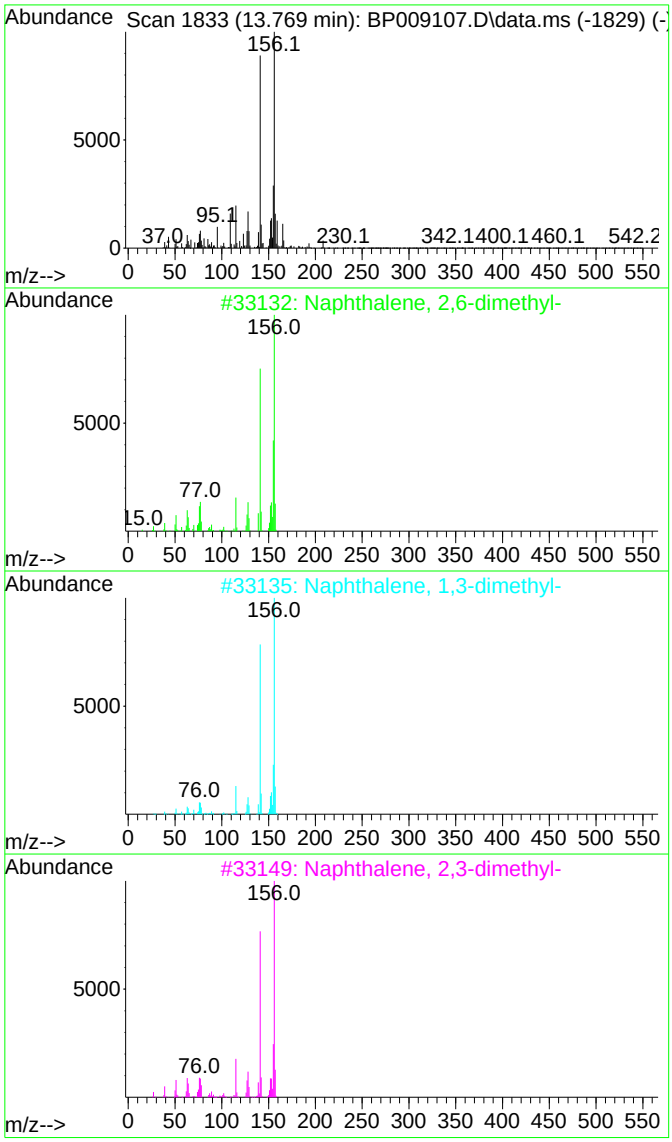
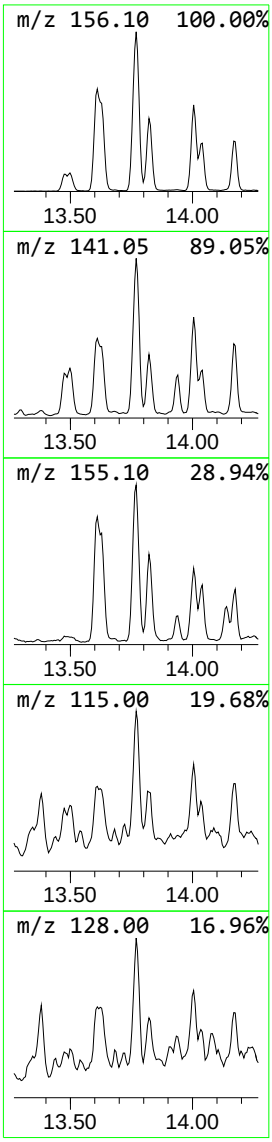
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	11.57 ng	1626360	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

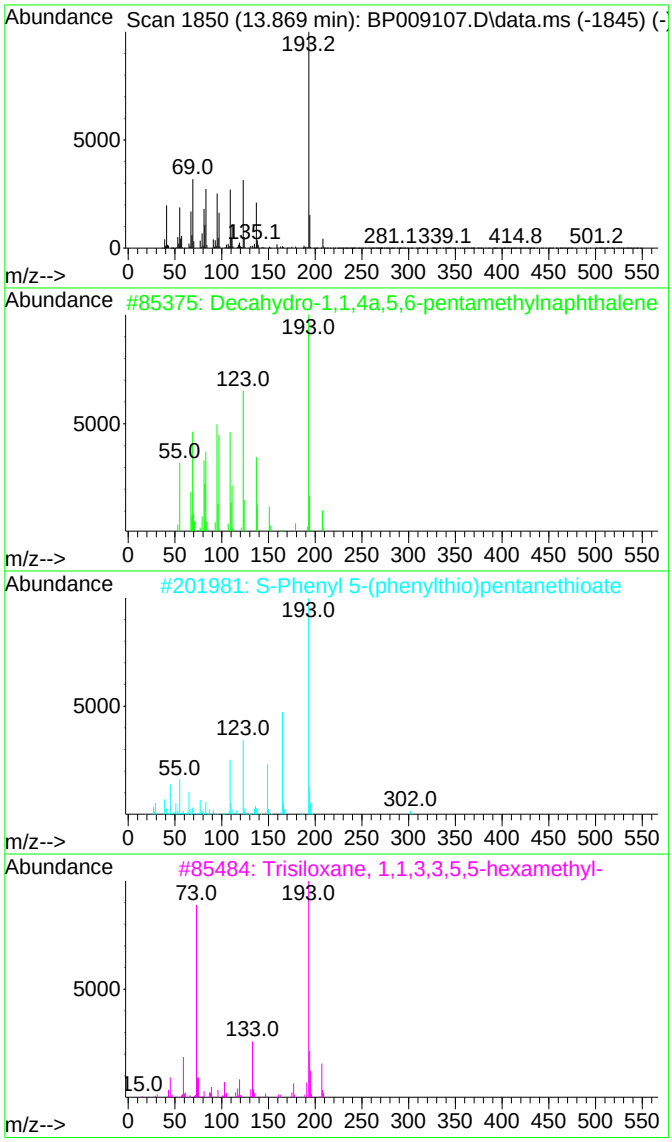
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

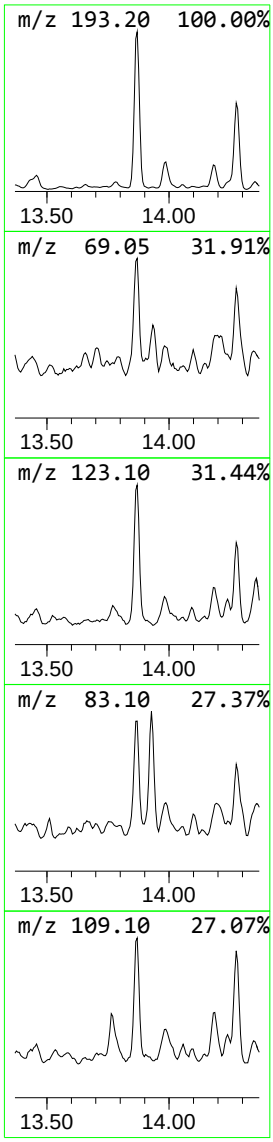
****

Peak Number 7 unknown13.869 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	21.21 ng	2980590	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
2	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	38
3	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	35
4	2-Anthracenamine	193	C14H11N	000613-13-8	35
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	35





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Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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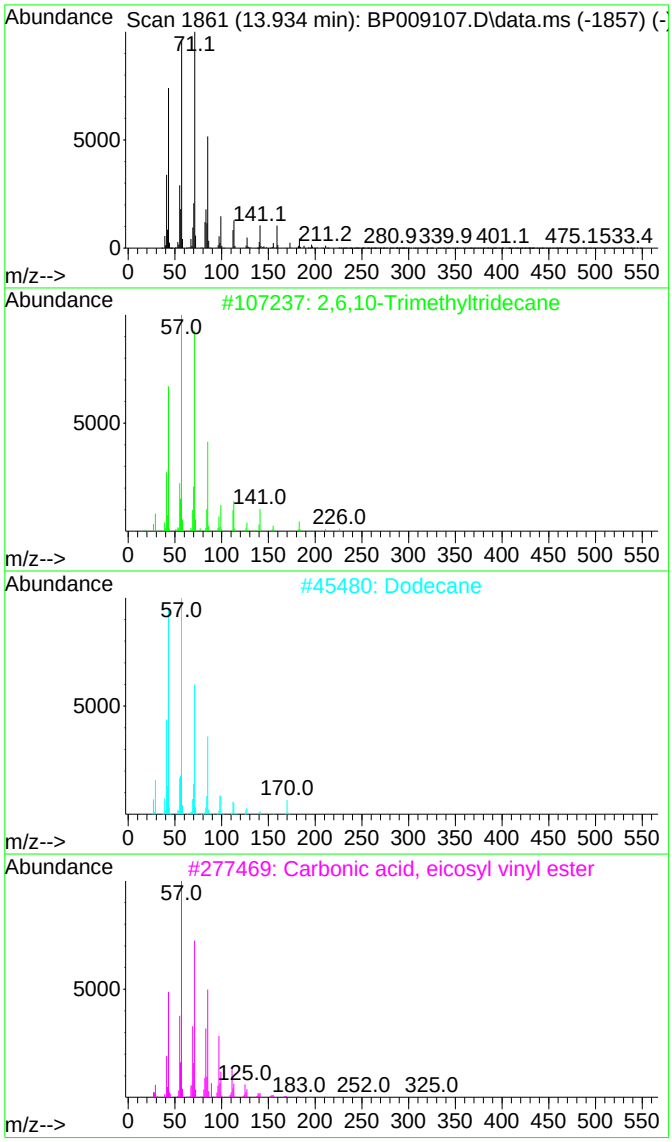
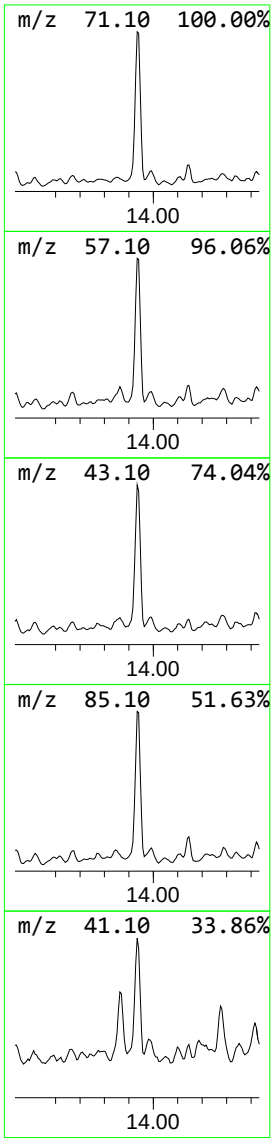
Peak Number 8 2,6,10-Trimethyltridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	29.62 ng	4163320	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
2	Dodecane	170	C12H26	000112-40-3	86
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70





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Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

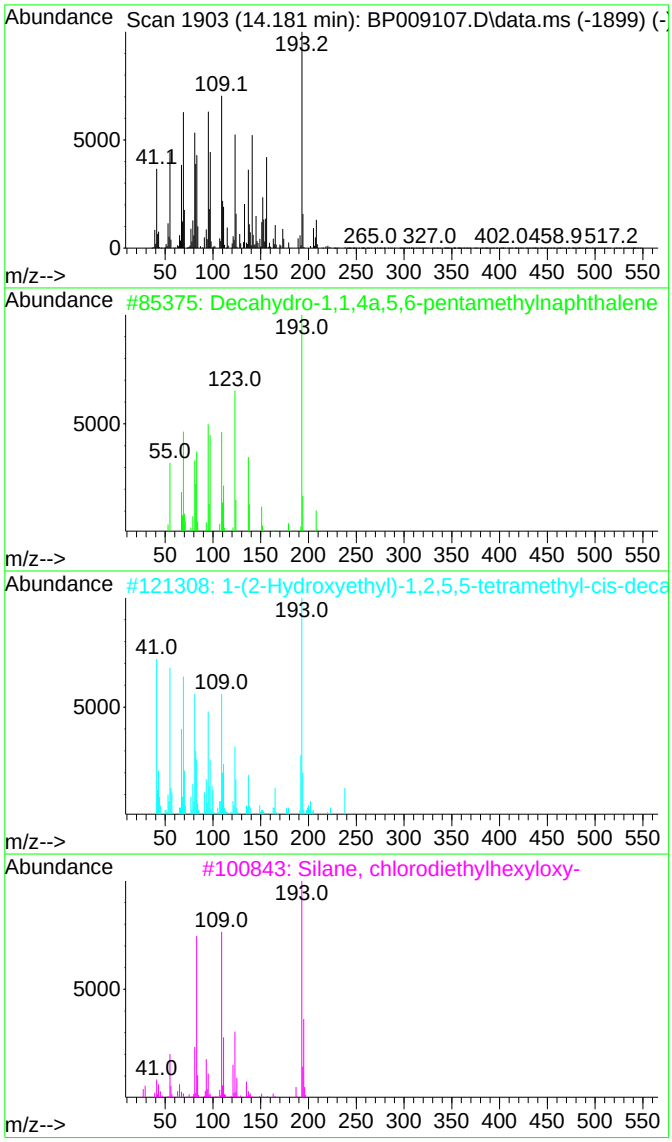
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

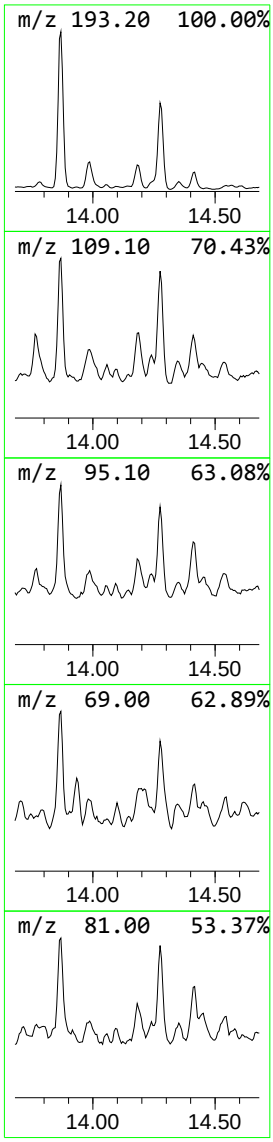
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.181	18.00 ng	2530590	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	92
2	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	38
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	35
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	35
5	Butanamide, N-(4-methoxyphenyl)-	193	C11H15NO2	1000306-91-5	25





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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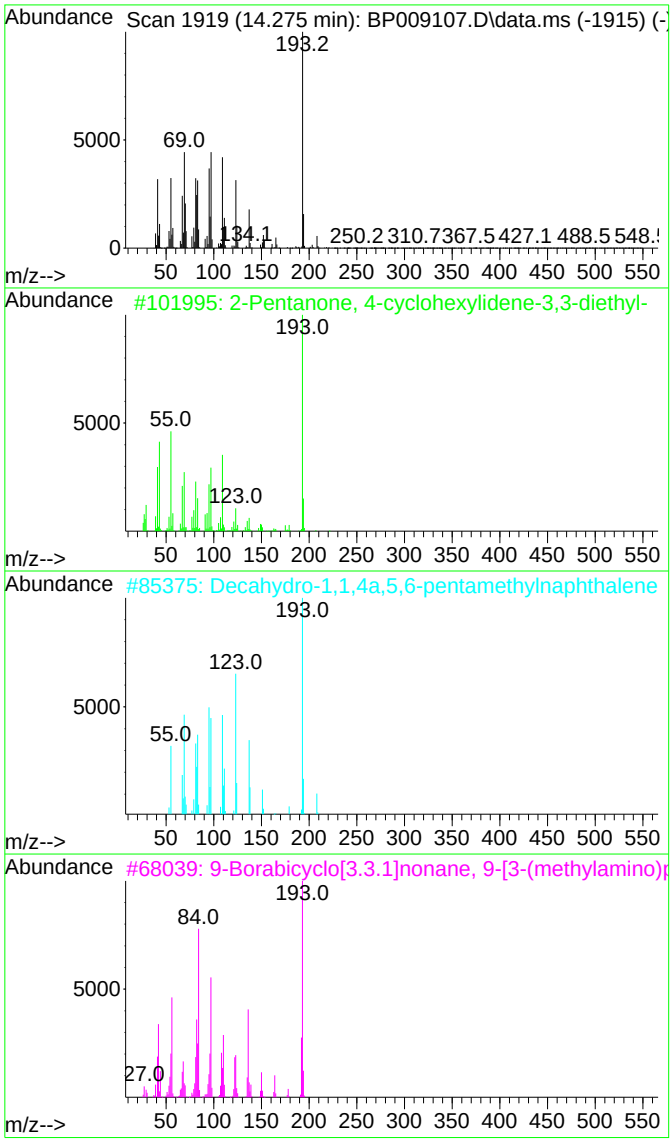
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

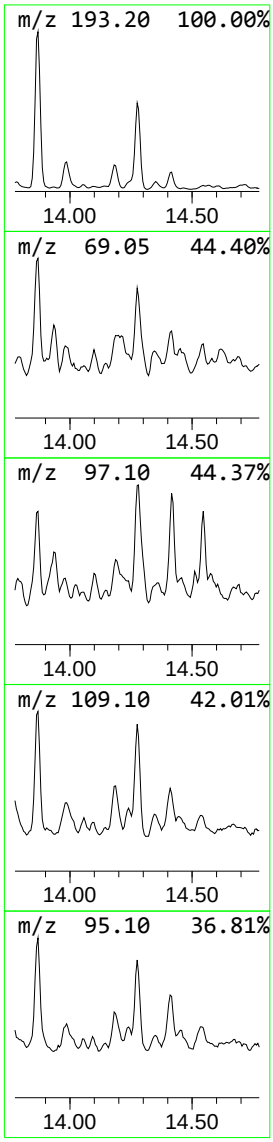
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Pentanone, 4-cyclohexylid... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.275	22.37 ng	3144560	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	50
3	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	47
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27





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Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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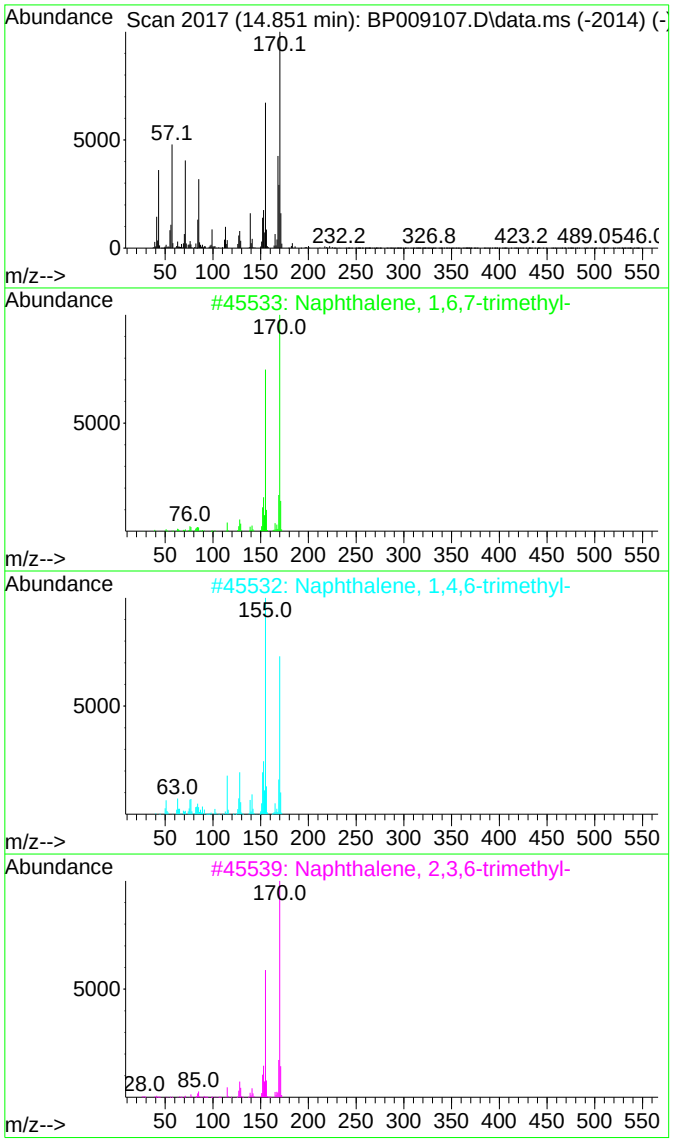
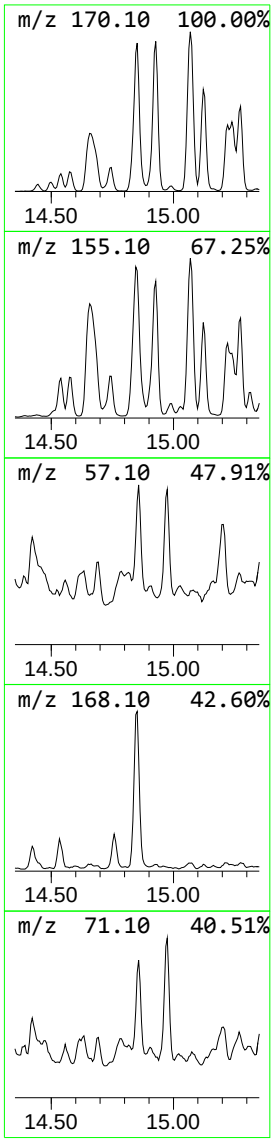
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	13.78 ng	1936700	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60





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Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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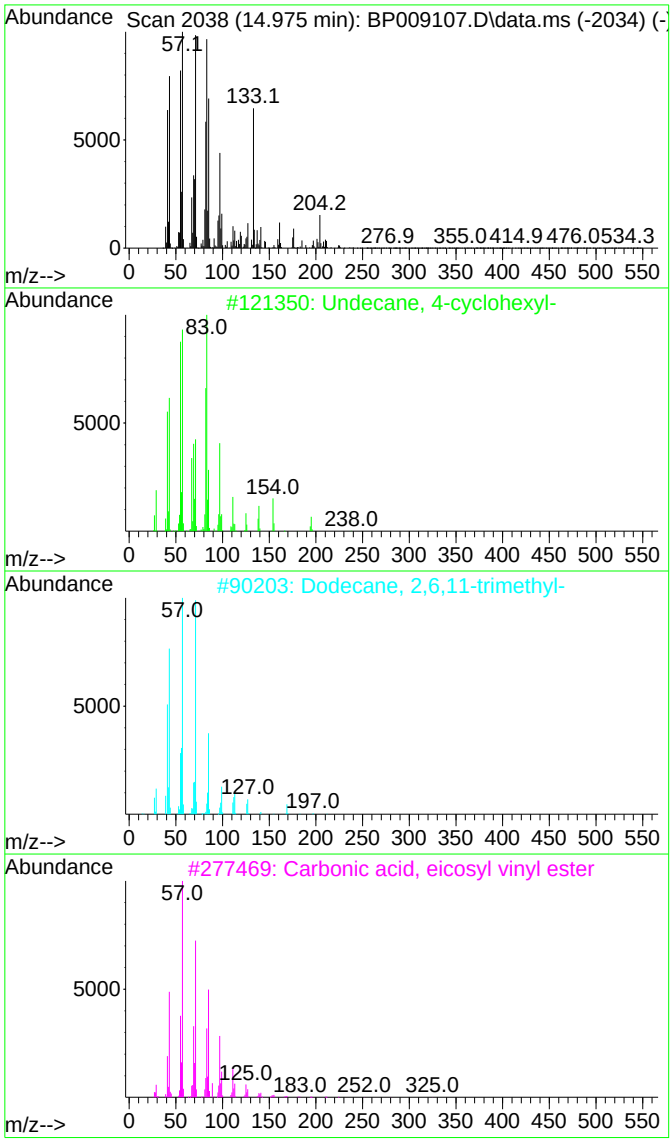
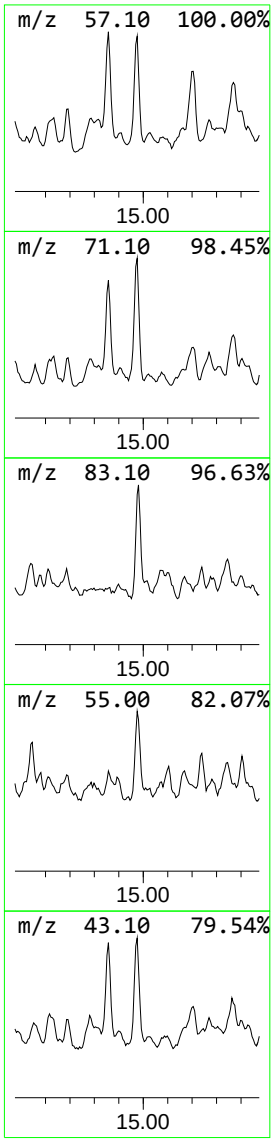
Peak Number 12 unknown14.975 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.975	14.45 ng	2031400	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	46
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	44
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38
4	2-Methyltetracosane	352	C25H52	001560-78-7	35
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30





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Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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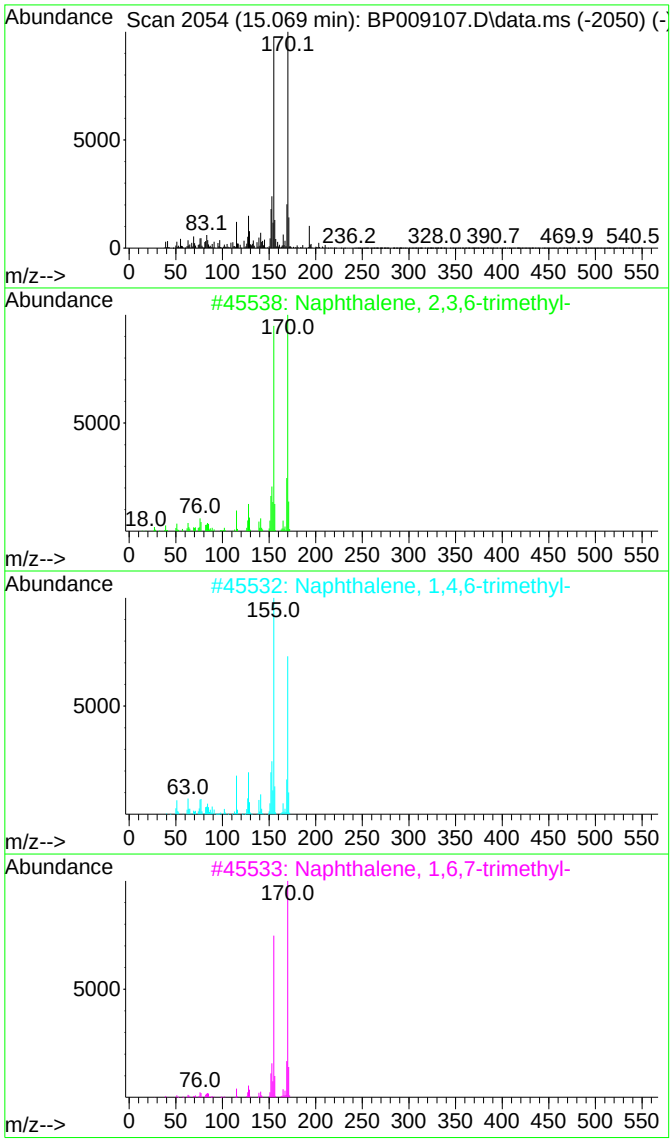
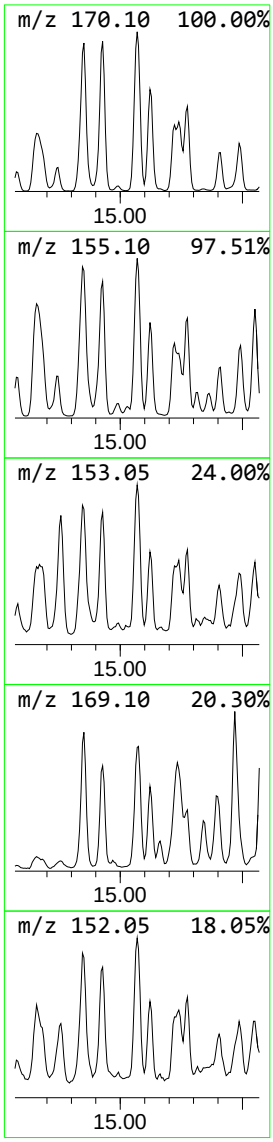
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.069	16.39 ng	2304120	Acenaphthene-d10	14.445

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	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93





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Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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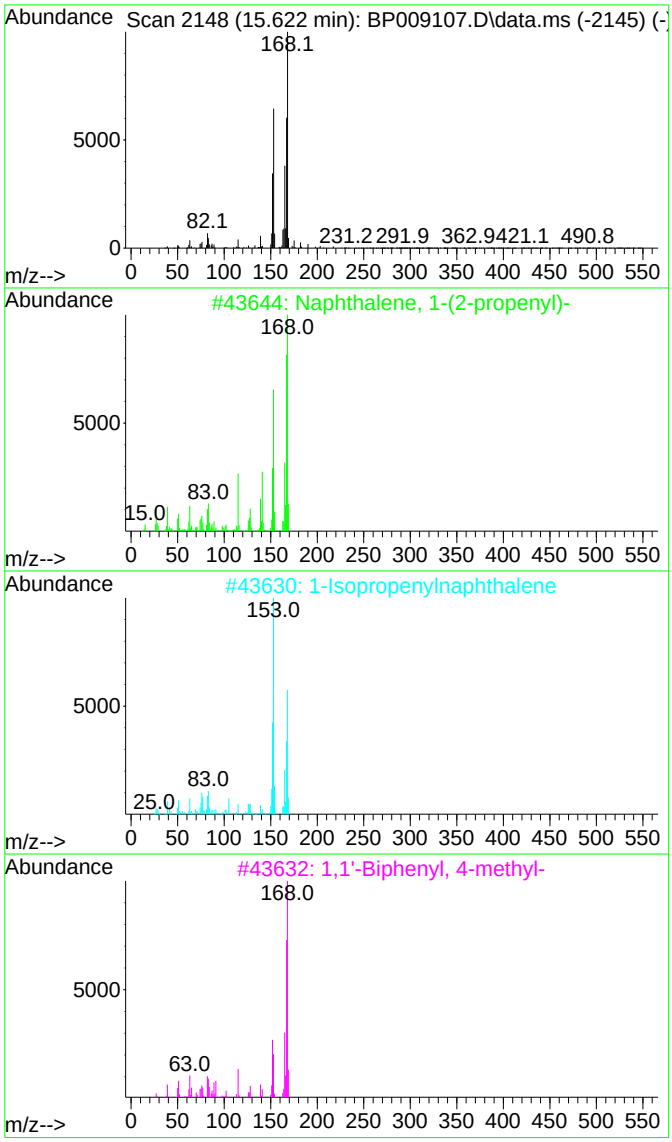
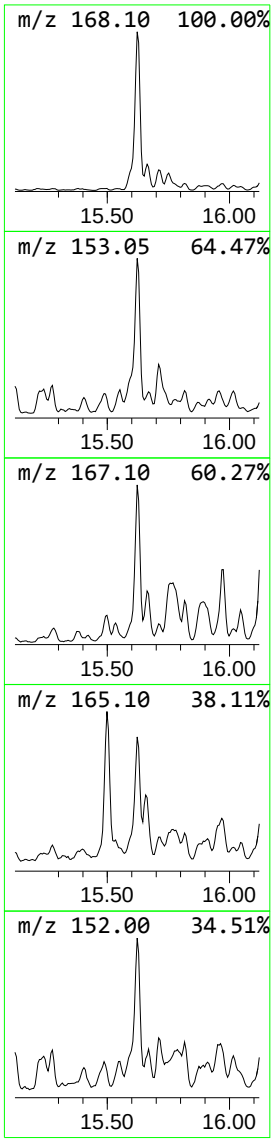
Peak Number 14 Naphthalene, 1-(2-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	10.69 ng	1502330	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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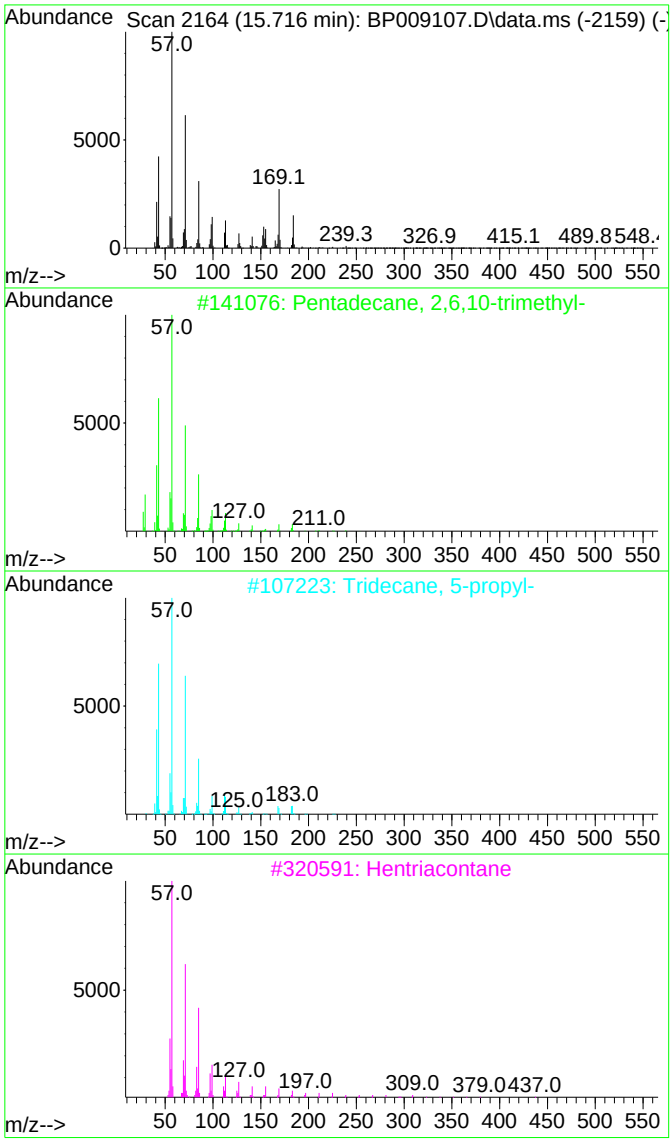
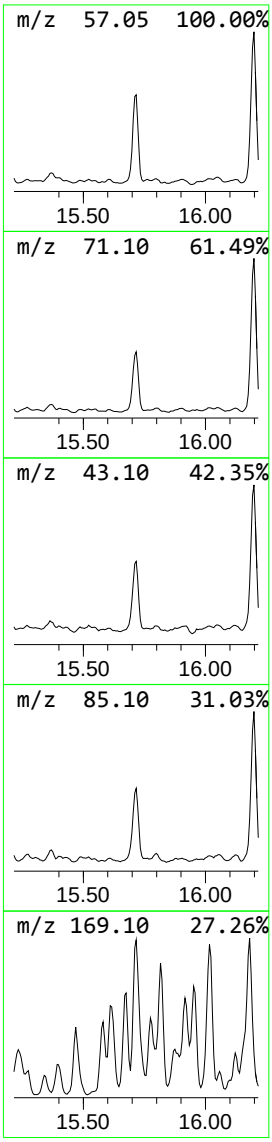
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	25.50 ng	3583340	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3	Hentriacontane	437	C31H64	000630-04-6	58
4	Tridecane	184	C13H28	000629-50-5	52
5	Heptacosane	380	C27H56	000593-49-7	52





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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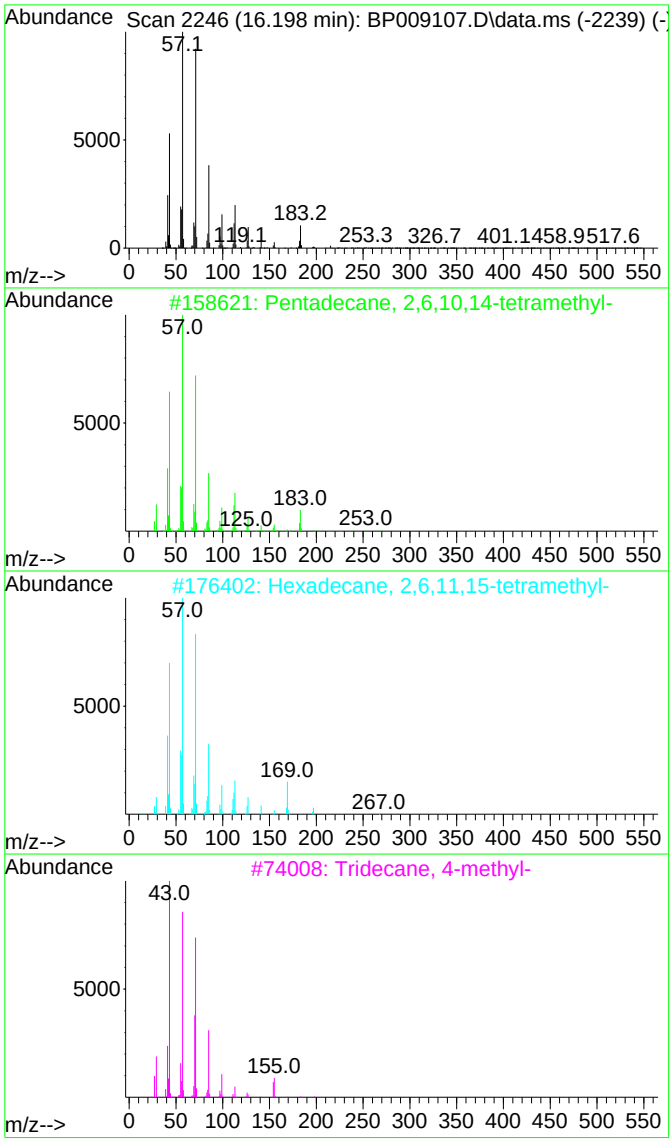
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

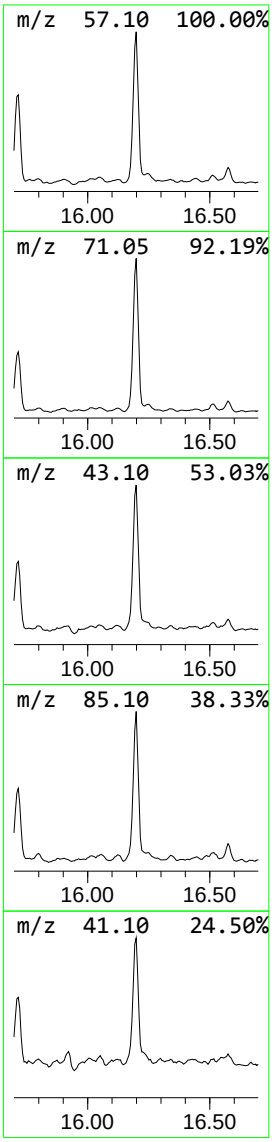
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	53.87 ng	7955430	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





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Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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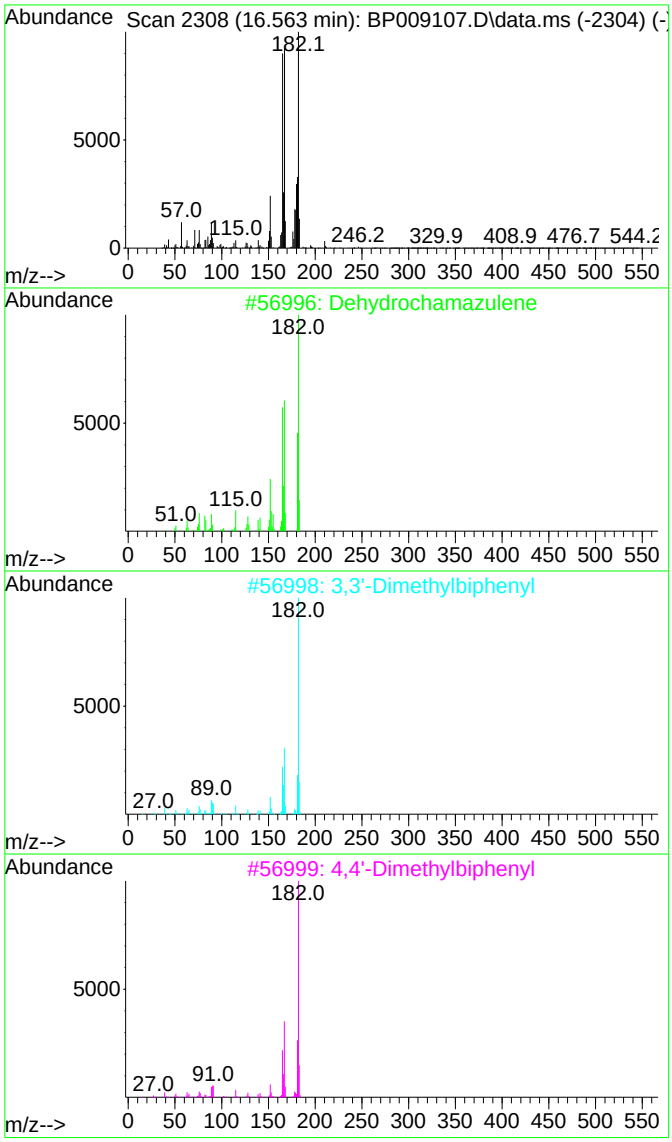
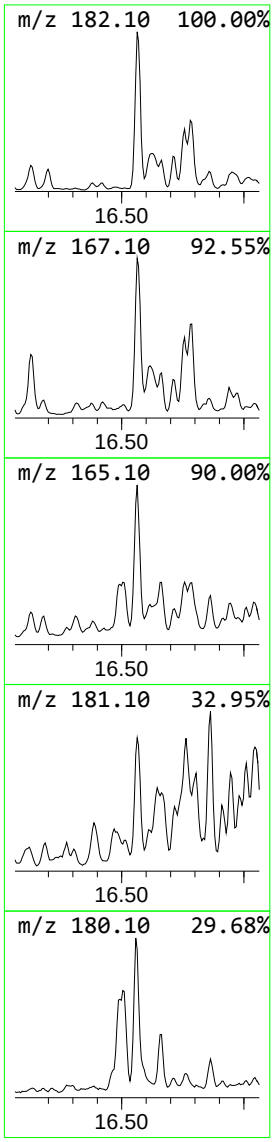
Peak Number 17 Dehydrochamazulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	14.55 ng	2149080	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	91
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	81
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	80
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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Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
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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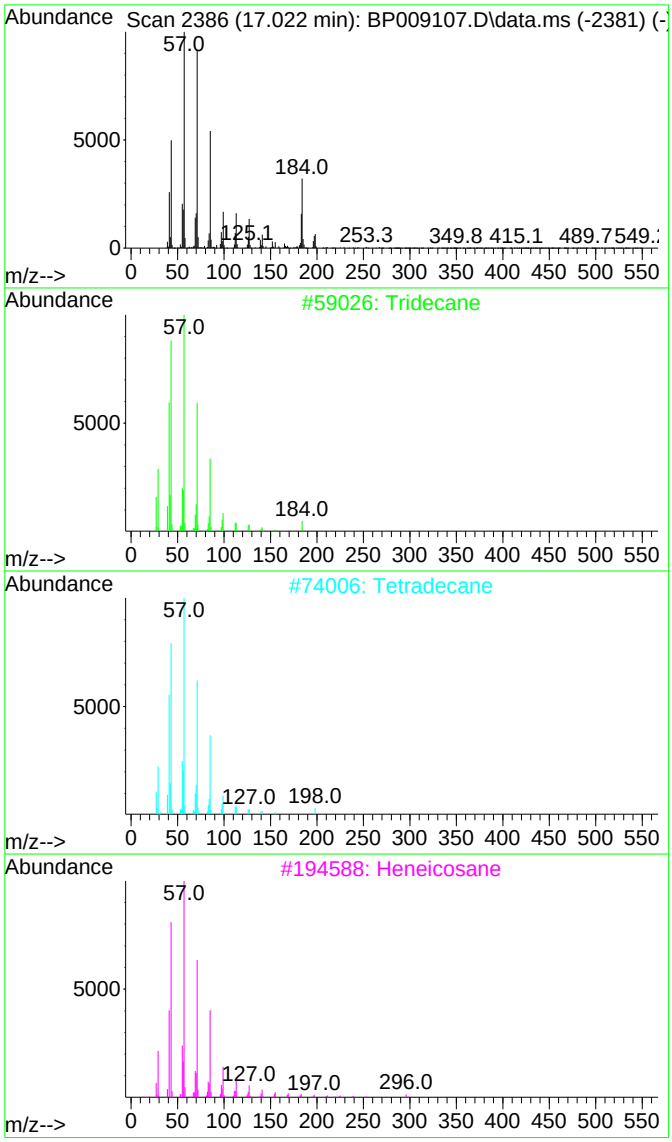
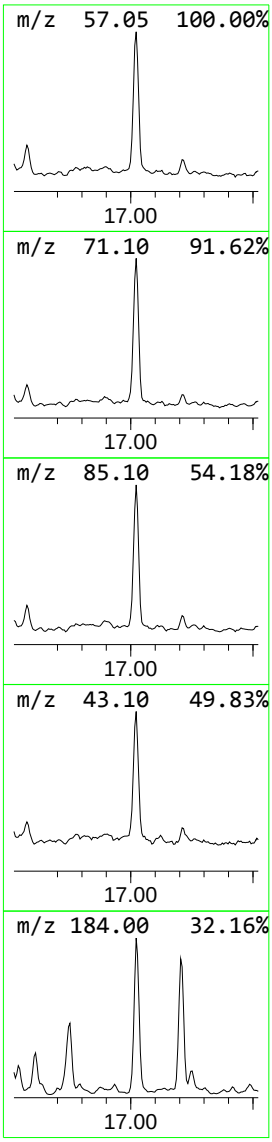
Peak Number 18 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	35.53 ng	5246620	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	76
3	Heneicosane	296	C21H44	000629-94-7	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72





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Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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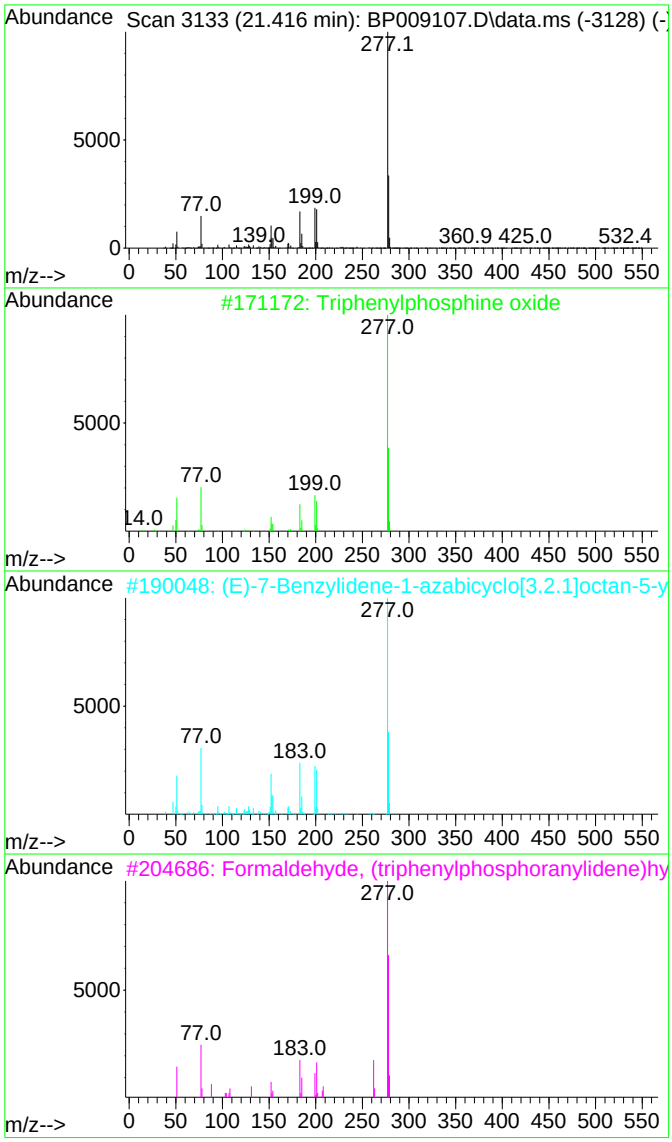
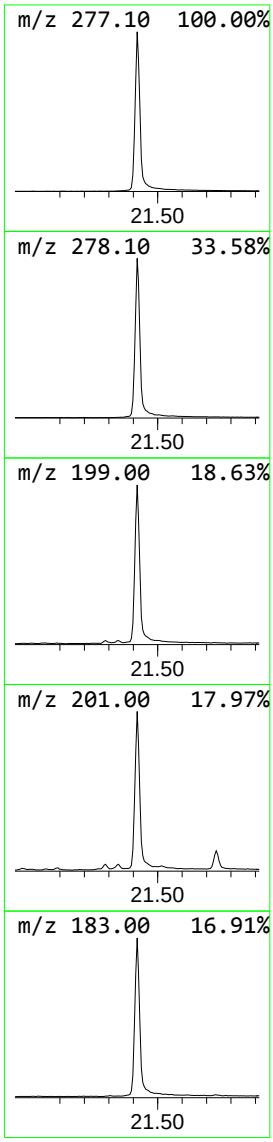
Peak Number 19 Triphenylphosphine oxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.416	34.39 ng	9492480	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	47
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28
5	2(1H)-Pyrimidinone, 5-methoxy-4,...	278	C17H14N2O2	028567-84-2	9





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Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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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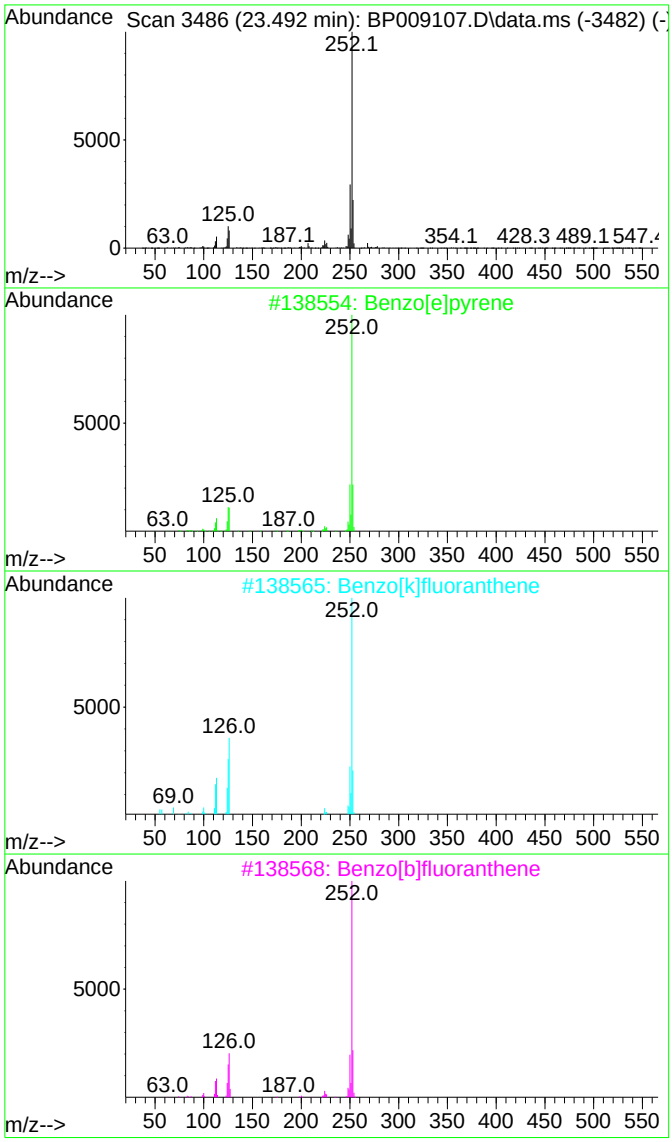
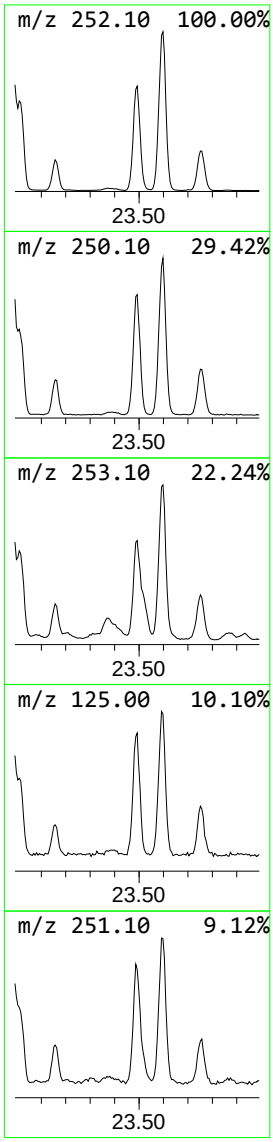
Peak Number 20 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.492	12.23 ng	1640530	Perylene-d12	23.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009107.D
Acq On : 10 Feb 2022 19:30
Operator : CG/JU
Sample : N1455-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
p-Cymene	8.905	11.7	ng	997818	1	7.799	1709030	20.0
Undecane, 3,6-d...	10.769	15.9	ng	2129380	2	10.599	2684630	20.0
unknown11.299	11.299	14.1	ng	1888300	2	10.599	2684630	20.0
Sulfurous acid,...	11.634	35.1	ng	4713150	2	10.599	2684630	20.0
Dodecane, 2,6,1...	12.987	27.2	ng	3821660	3	14.445	2810990	20.0
Naphthalene, 2,...	13.769	11.6	ng	1626360	3	14.445	2810990	20.0
unknown13.869	13.869	21.2	ng	2980590	3	14.445	2810990	20.0
2,6,10-Trimethy...	13.934	29.6	ng	4163320	3	14.445	2810990	20.0
Decahydro-1,1,4...	14.181	18.0	ng	2530590	3	14.445	2810990	20.0
2-Pentanone, 4-...	14.275	22.4	ng	3144560	3	14.445	2810990	20.0
Naphthalene, 1,...	14.851	13.8	ng	1936700	3	14.445	2810990	20.0
unknown14.975	14.975	14.4	ng	2031400	3	14.445	2810990	20.0
Naphthalene, 2,...	15.069	16.4	ng	2304120	3	14.445	2810990	20.0
Naphthalene, 1-...	15.622	10.7	ng	1502330	3	14.445	2810990	20.0
Pentadecane, 2,...	15.716	25.5	ng	3583340	3	14.445	2810990	20.0
Pentadecane, 2,...	16.198	53.9	ng	7955430	4	17.204	2953490	20.0
Dehydrochamazulene	16.563	14.6	ng	2149080	4	17.204	2953490	20.0
Tridecane	17.022	35.5	ng	5246620	4	17.204	2953490	20.0
Triphenylphosph...	21.416	34.4	ng	9492480	5	21.304	5519700	20.0
Benzo[e]pyrene	23.492	12.2	ng	1640530	6	23.704	2682460	20.0