LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	397	404	416	rBV	3728644	5548214	49.43%	4.167%
2	6.164	516	523	530	rBV5	66527	155629	1.39%	0.117%
3	6.375	554	559	567	rBV5	65094	157762	1.41%	0.118%
4	6.446	567	571	576	rBV	150642	204491	1.82%	0.154%
5	6.528	576	585	588	rBV3	114398	231355	2.06%	0.174%
6	6.881	641	645	651	rVB2	122822	185410	1.65%	0.139%
7	7.058	665	675	687	rBV	3444207	5859683	52.21%	4.401%
8	7.811	795	803	808	rBV6	68028	211242	1.88%	0.159%
9	7.887	808	816	823	rVV2	1082248	2056399	18.32%	1.544%
10	8.181	862	866	873	rVB2	123557	225482	2.01%	0.169%
11	8.446	908	911	915	rVB	128930	177683	1.58%	0.133%
12	8.534	921	926	932	rBV3	78462	197009	1.76%	0.148%
13	8.658	942	947	953	rBV4	81913	153440	1.37%	0.115%
14	8.999	994	1005	1008	rBV4	332395	719964	6.41%	0.541%
15	9.052	1008	1014	1029	rVB	2167548	3953884	35.23%	2.970%
16	9.240	1036	1046	1053	rBV7	148957	486873	4.34%	0.366%
17	9.475	1074	1086	1090	rBV8	73275	199039	1.77%	0.149%
18	9.534	1090	1096	1102	rVV2	149373	345688	3.08%	0.260%
19	9.610	1104	1109	1114	rVB3	105652	186809	1.66%	0.140%
20	9.816	1141	1144	1149	rVB2	102270	152013	1.35%	0.114%
21	9.869	1149	1153	1162	rBV3	173444	337956	3.01%	0.254%
22	9.946	1162	1166	1168	rBV3	104196	160479	1.43%	0.121%
23	10.040	1174	1182	1186	rBV3	107055	184526	1.64%	0.139%
24	10.093	1186	1191	1197	rBV3	361789	694483	6.19%	0.522%
25	10.281	1218	1223	1228	rBV6	92308	152191	1.36%	0.114%
26	10.393	1236	1242	1246	rBV	163115	285518	2.54%	0.214%
27	10.475	1250	1256	1261	rBV	342992	598708	5.33%	0.450%
28	10.687	1282	1292	1298	rBV	1452630	2884997	25.71%	2.167%
29	10.740	1298	1301	1308	rVV6	143206	289416	2.58%	0.217%
30	10.804	1308	1312	1316	rVV	206049	294679	2.63%	0.221%
31	10.857	1316	1321	1325	rVB	430748	625156	5.57%	0.470%
32	10.910	1325	1330	1338	rVB3	173590	314710	2.80%	0.236%
33	10.987	1338	1343	1348	rVB5	99971	193720	1.73%	0.145%
34	11.181	1372	1376	1383	rVB2	305007	471768	4.20%	0.354%
35	11.310	1394	1398	1402	rBV3	95952	175566	1.56%	0.132%
36	11.357	1402	1406	1408	rBV3	153079	261334	2.33%	0.196%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
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Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

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-BP092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.463	1420	1424	1430	rVB2	127803	258724	2.31%	0.194%
38	11.528	1431	1435	1441	rVV7	161014	357082	3.18%	0.268%
39	11.604	1444	1448	1456	rVB3	277528	593702	5.29%	0.446%
40	11.722	1462	1468	1472	rBV	604727	1068890	9.52%	0.803%
41	11.799	1477	1481	1487	rVB2	210330	358825	3.20%	0.269%
42	11.881	1491	1495	1499	rVV2	214329	339632	3.03%	0.255%
43	11.975	1503	1511	1516	rBV4	316836	657257	5.86%	0.494%
44	12.346	1565	1574	1582	rVB3	946951	2063247	18.38%	1.550%
45	12.428	1583	1588	1590	rBV3	116318	216788	1.93%	0.163%
46	12.563	1606	1611	1620	rVB	687697	1292349	11.51%	0.971%
47	12.646	1623	1625	1634	rVB3	182097	316289	2.82%	0.238%
48	12.746	1636	1642	1645	rBV7	179782	349512	3.11%	0.262%
49	12.787	1646	1649	1651	rBV2	140304	192284	1.71%	0.144%
50	12.963	1677	1679	1684	rVB3	220671	277875	2.48%	0.209%
51	13.063	1684	1696	1702	rBV3	994377	1958531	17.45%	1.471%
52	13.146	1704	1710	1716	rVB	5850338	8522863	75.94%	6.401%
53	13.334	1738	1742	1746	rBV4	289584	427794	3.81%	0.321%
54	13.369	1746	1748	1752	rVB2	150092	174029	1.55%	0.131%
55	13.446	1757	1761	1768	rBV3	246190	474982	4.23%	0.357%
56	13.551	1775	1779	1782	rBV	380265	565293	5.04%	0.425%
57	13.687	1795	1802	1811	rBV2	1016399	2942372	26.22%	2.210%
58	13.840	1823	1828	1833	rBV	1297088	2310045	20.58%	1.735%
59	13.898	1833	1838	1844	rVB2	970558	1606040	14.31%	1.206%
60	14.010	1853	1857	1861	rVB	957900	1289023	11.49%	0.968%
61	14.075	1861	1868	1872	rBV	656509	1213105	10.81%	0.911%
62	14.216	1889	1892	1893	rBV2	176343	185879	1.66%	0.140%
63	14.240	1894	1896	1901	rVB	309847	408771	3.64%	0.307%
64	14.357	1912	1916	1922	rVB3	305766	546613	4.87%	0.411%
65	14.522	1935	1944	1949	rBV	2178817	4100702	36.54%	3.080%
66	14.645	1963	1965	1969	rVB2	233672	277805	2.48%	0.209%
67	14.734	1974	1980	1988	rVB2	730992	2012614	17.93%	1.512%
68	14.810	1990	1993	1997	rBV3	238148	350507	3.12%	0.263%
69	14.916	2004	2011	2018	rVB3	1099152	2209558	19.69%	1.659%
70	14.992	2020	2024	2029	rVB	1024998	1463445	13.04%	1.099%
71	15.051	2029	2034	2043	rVB6	651686	1209669	10.78%	0.909%
72	15.140	2044	2049	2053	rBV	886007	1487309	13.25%	1.117%
73	15.187	2053	2057	2061	rVB	770262	1060667	9.45%	0.797%
74	15.310	2072	2078	2081	rBV2	529786	1024280	9.13%	0.769%
75	15.340	2081	2083	2088	rVB2	498826	630980	5.62%	0.474%
76	15.475	2102	2106	2114	rVB4	475863	908762	8.10%	0.683%

LSC Area Percent Report

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Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.557	2116	2120	2125	rBV3	606885	925351	8.24%	0.695%
78	15.616	2125	2130	2134	rVV5	483815	839836	7.48%	0.631%
79	15.734	2146	2150	2153	rBV5	325979	500931	4.46%	0.376%
80	15.781	2154	2158	2165	rVB	1339559	2052495	18.29%	1.542%
81	15.939	2182	2185	2188	rBV3	251198	409480	3.65%	0.308%
82	16.010	2191	2197	2205	rVB	4561570	6898540	61.47%	5.181%
83	16.081	2206	2209	2212	rVV2	279843	362853	3.23%	0.273%
84	16.257	2233	2239	2244	rBV2	1207099	2164096	19.28%	1.625%
85	16.381	2256	2260	2264	rBV2	522235	736712	6.56%	0.553%
86	16.628	2298	2302	2307	rBV6	556426	959841	8.55%	0.721%
87	17.086	2375	2380	2391	rVB	1991065	3444988	30.69%	2.587%
88	17.269	2407	2411	2415	rBV	2385197	3447976	30.72%	2.590%
89	17.310	2415	2418	2422	rVB	672364	799998	7.13%	0.601%
90	17.851	2507	2510	2513	rVB	740836	821168	7.32%	0.617%
91	17.992	2530	2534	2539	rBV	556631	978458	8.72%	0.735%
92	18.139	2555	2559	2560	rBV	996717	1200474	10.70%	0.902%
93	18.316	2586	2589	2593	rVB	978833	1202754	10.72%	0.903%
94	19.022	2706	2709	2713	rBV	1545881	2045660	18.23%	1.536%
95	19.210	2738	2741	2748	rVB2	963496	1476519	13.16%	1.109%
96	19.710	2823	2826	2830	rVB	987850	1322396	11.78%	0.993%
97	19.828	2842	2846	2850	rBV	9335052	11223461	100.00%	8.429%
98	21.351	3102	3105	3114	rVB	2851830	3862024	34.41%	2.901%
99	22.604	3314	3318	3328	rVB	2768606	4254098	37.90%	3.195%
100	23.763	3512	3515	3523	rVB2	2261313	4180759	37.25%	3.140%

Sum of corrected areas: 133148238

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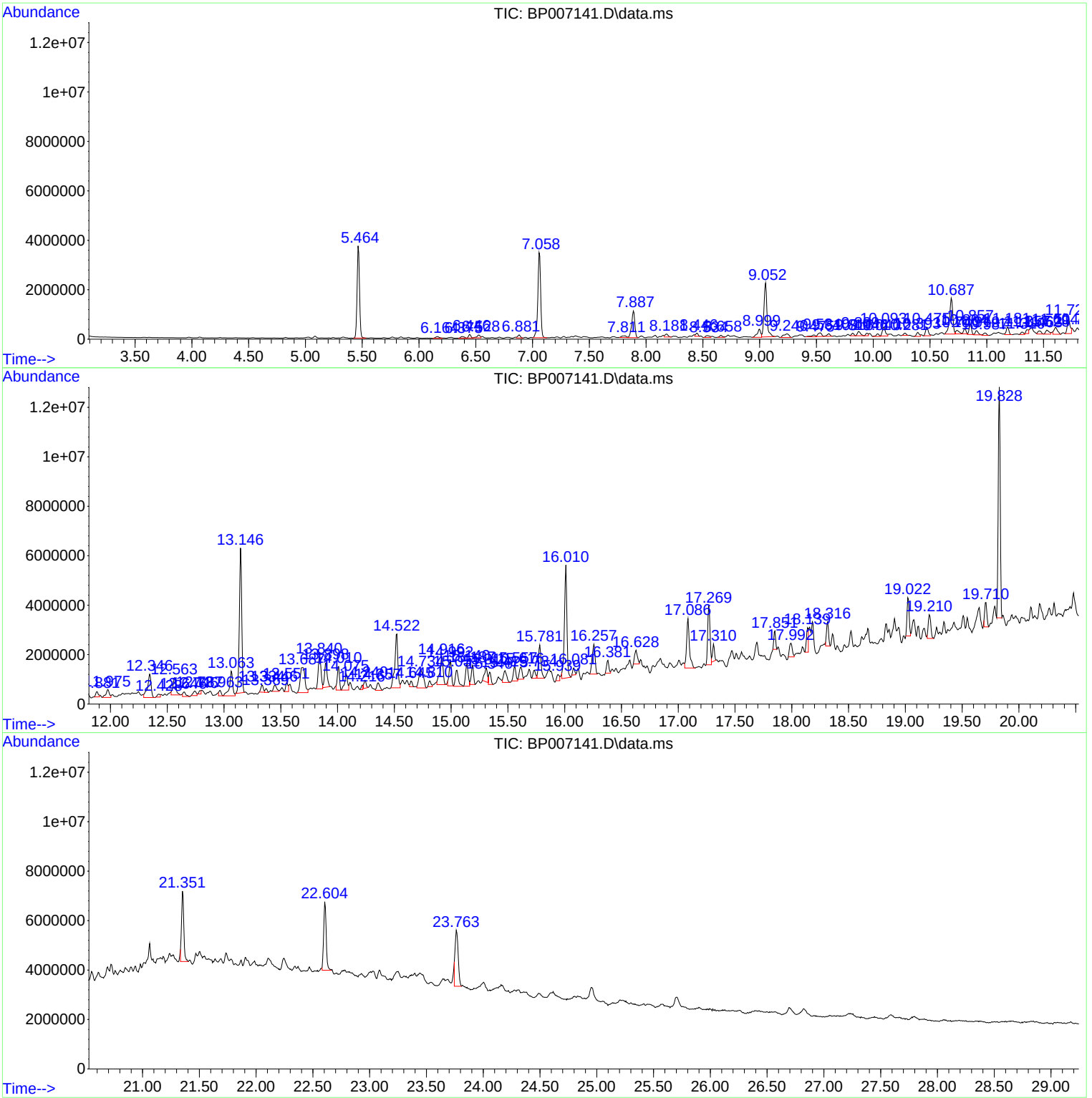
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

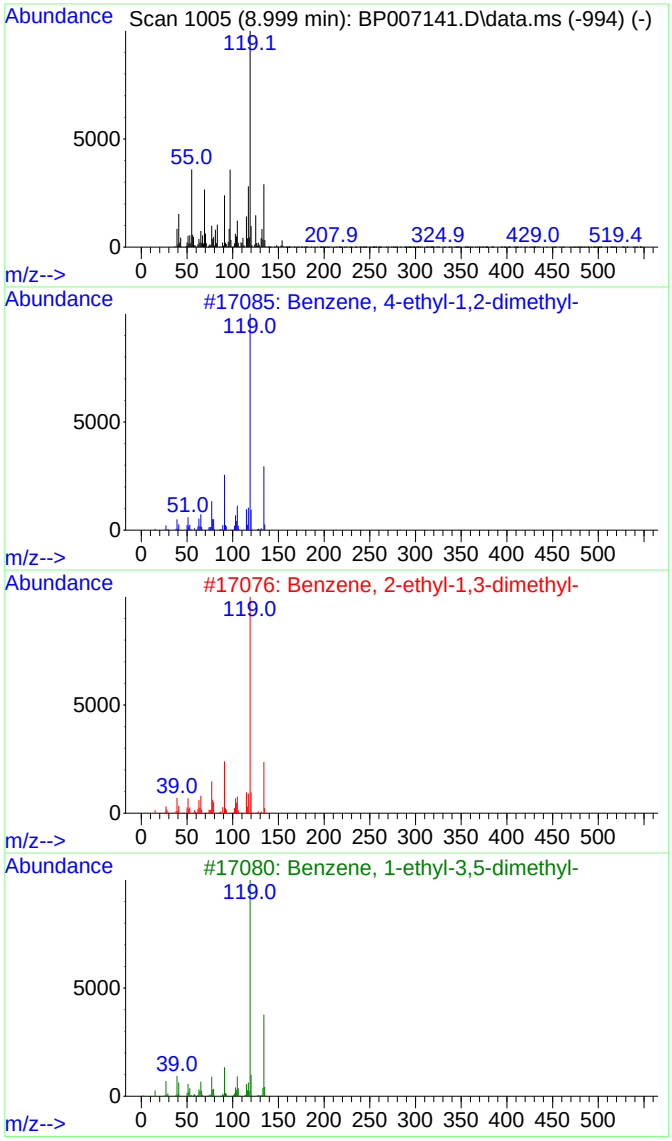
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

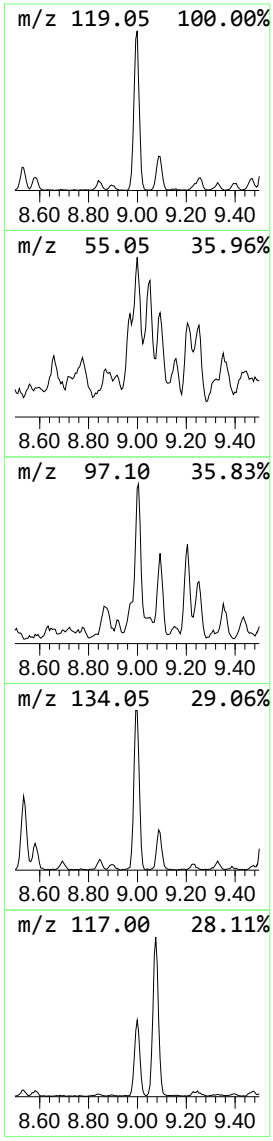
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.999	7.00 ng	719964	1,4-Dichlorobenzene-d4	7.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	78
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	o-Cymene	134	C10H14	000527-84-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
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Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

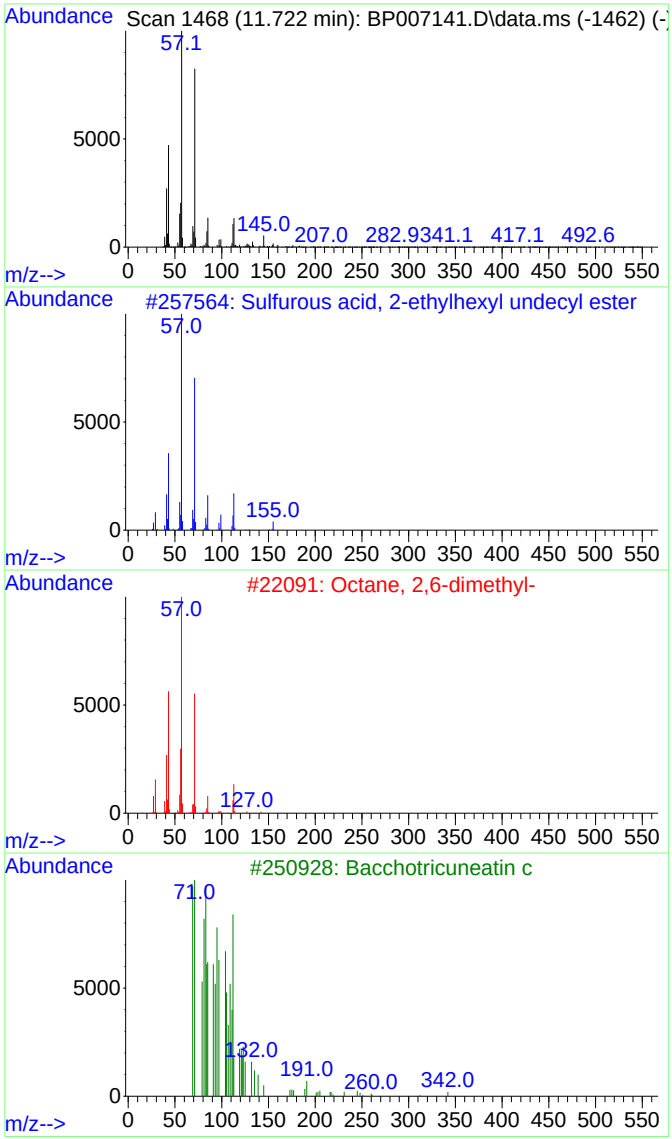
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

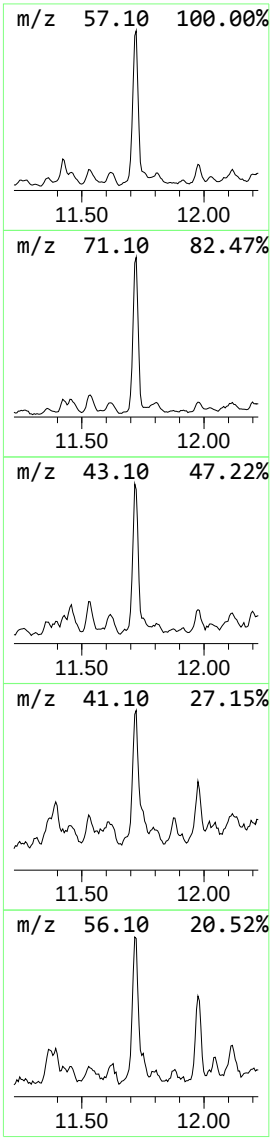
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	7.41 ng	1068890	Naphthalene-d8	10.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
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Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

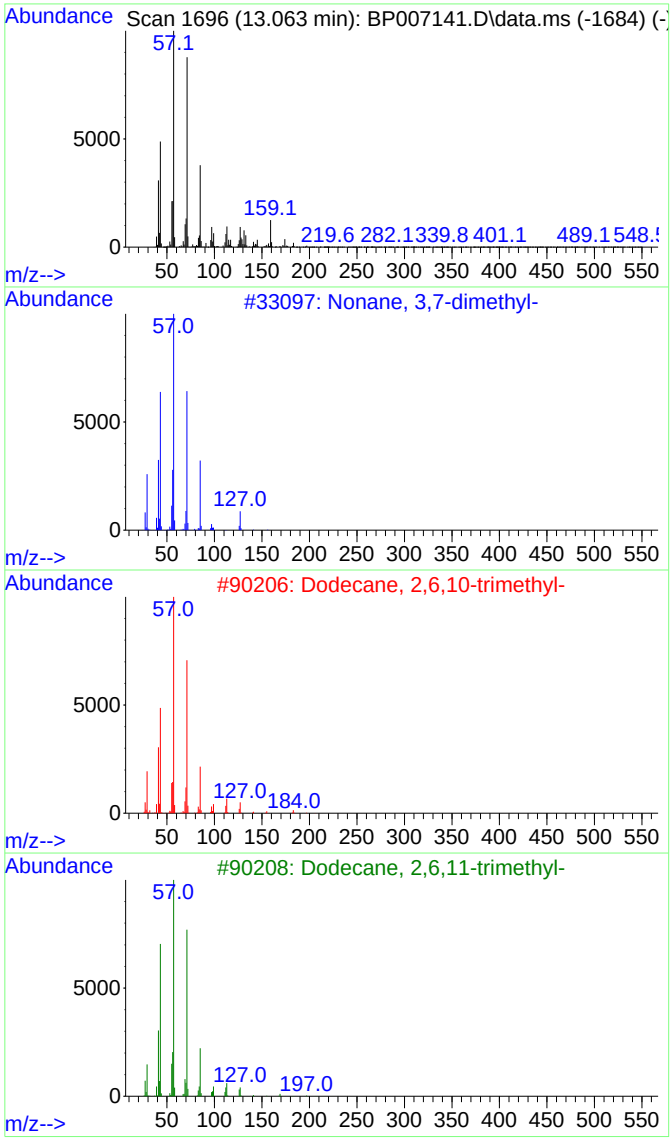
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

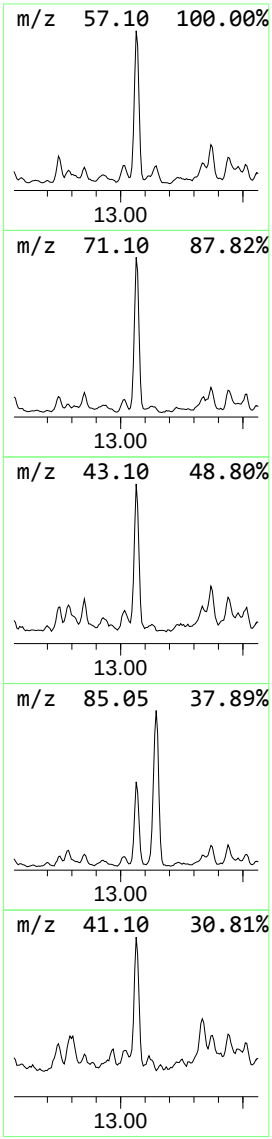
****

Peak Number 3 Nonane, 3,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	9.55 ng	1958530	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

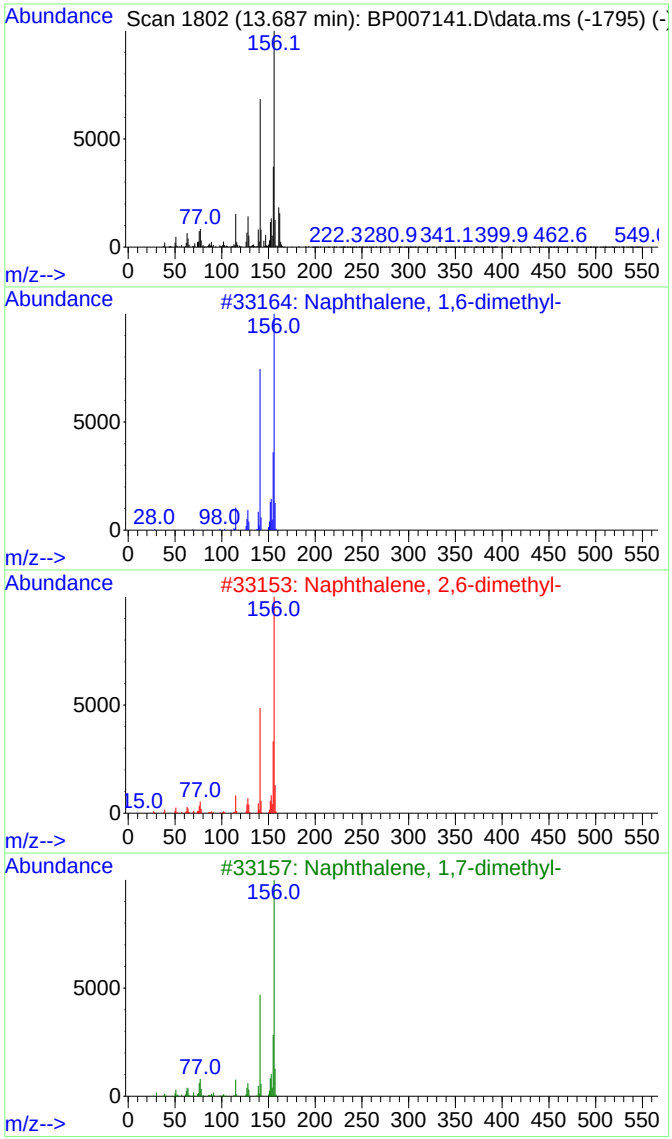
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

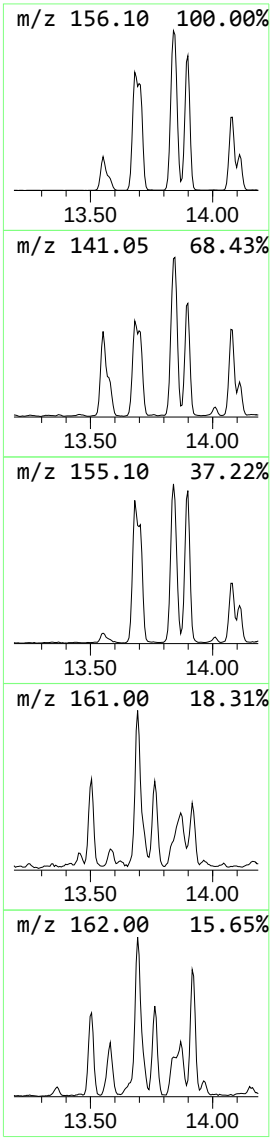
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.687	14.35 ng	2942370	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

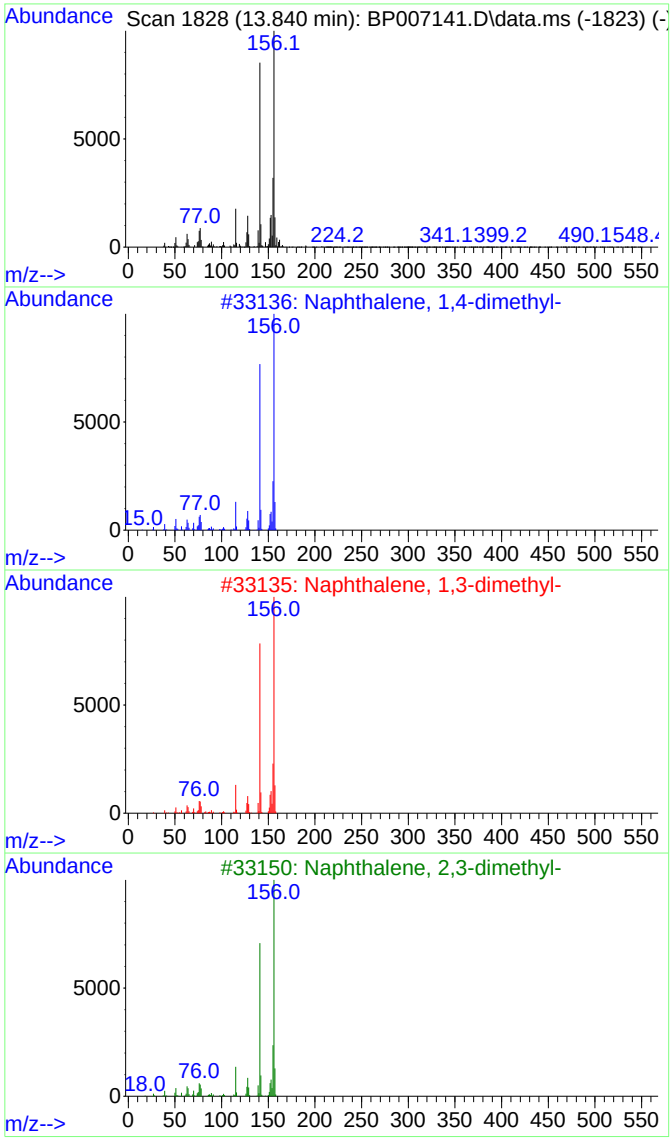
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

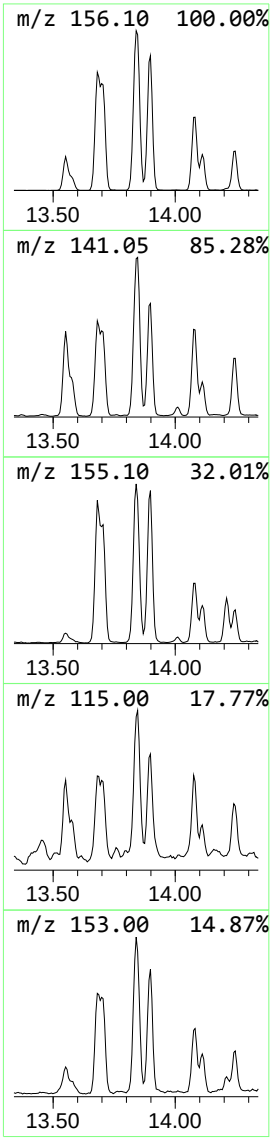
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.840	11.27 ng	2310050	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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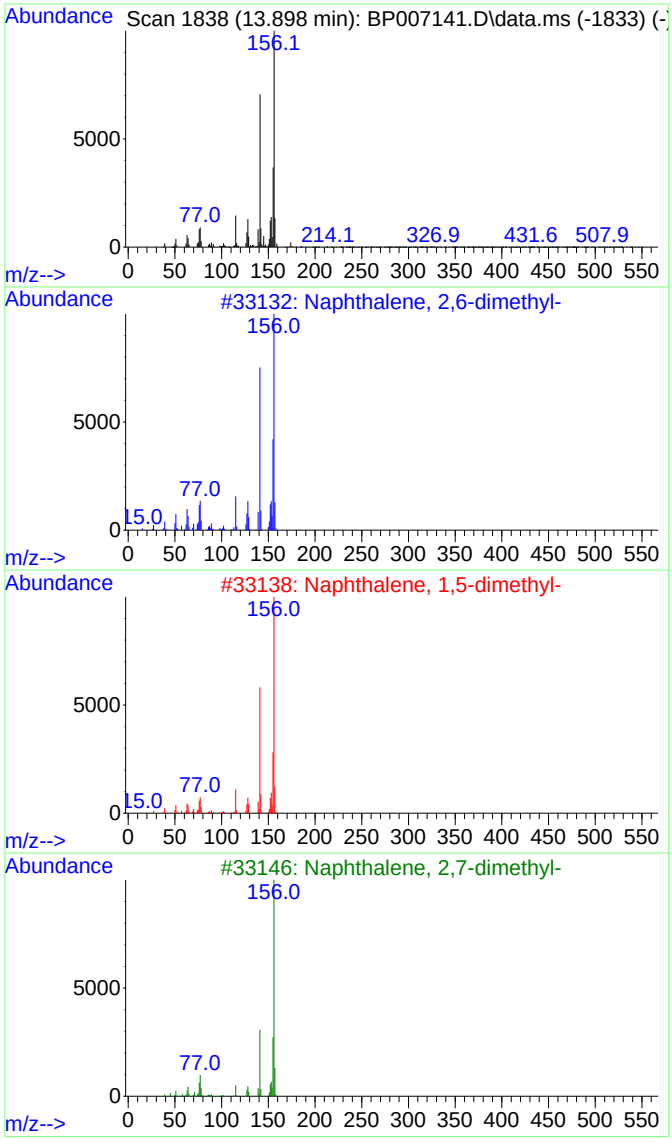
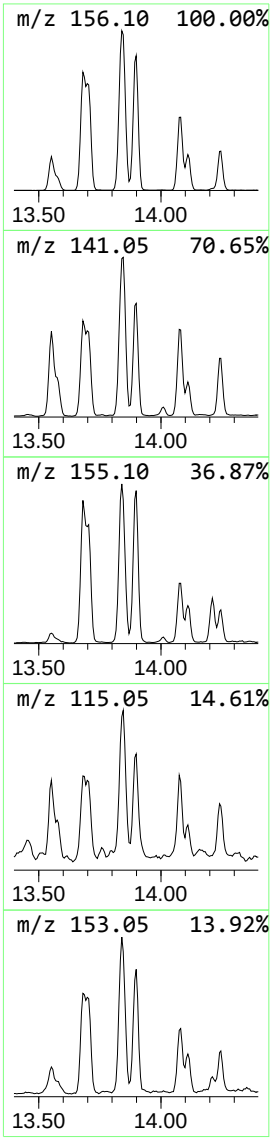
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	7.83 ng	1606040	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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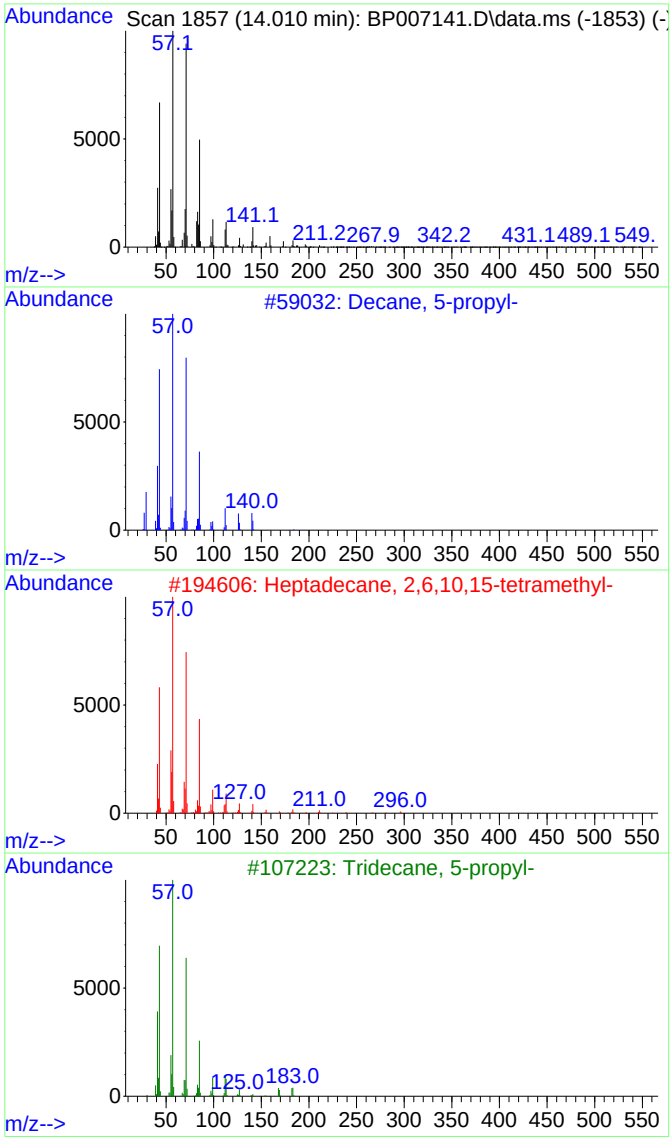
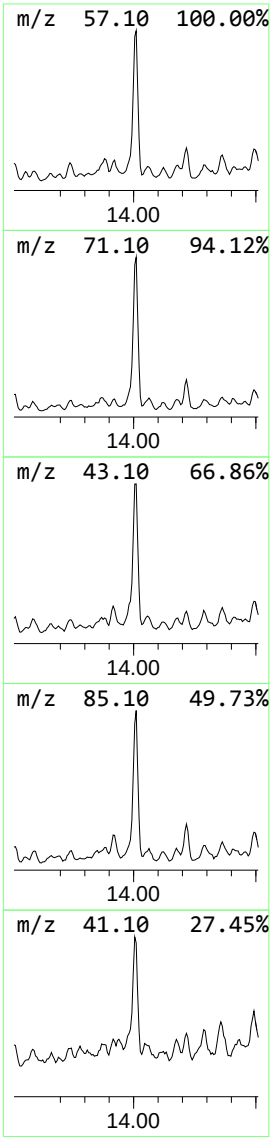
Peak Number 7 Decane, 5-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	6.29 ng	1289020	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	78





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Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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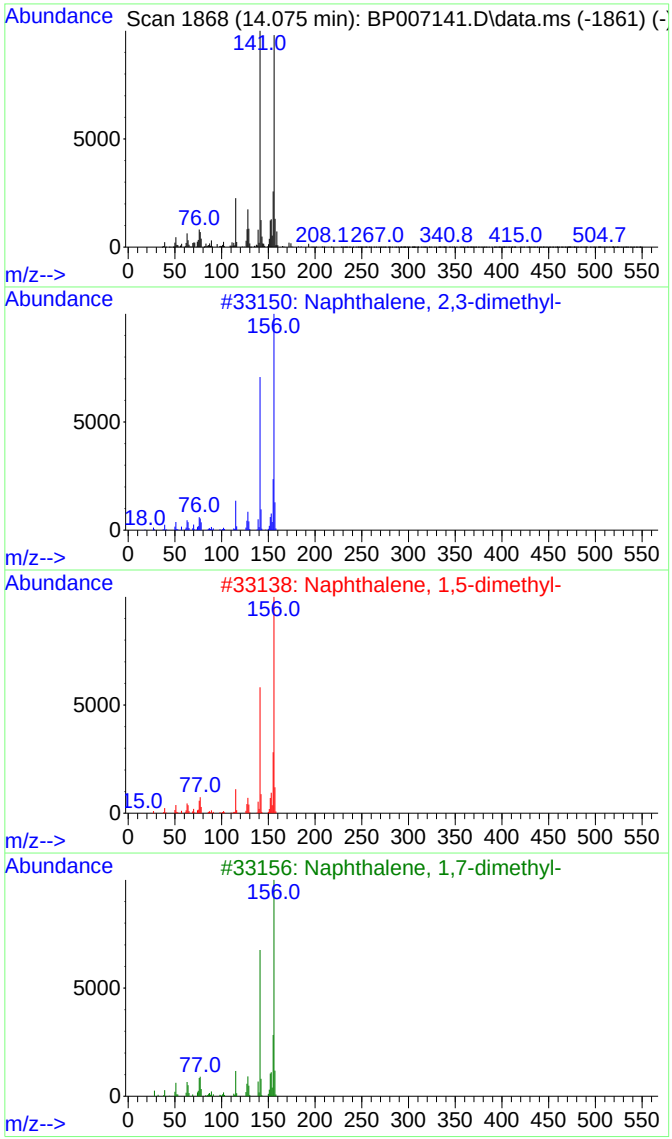
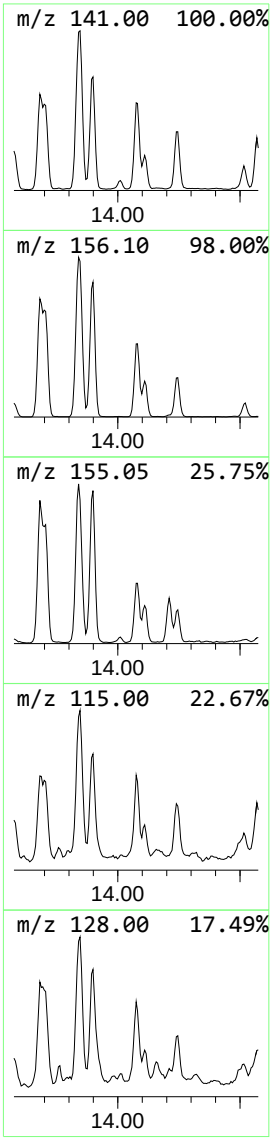
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.075	5.92 ng	1213110	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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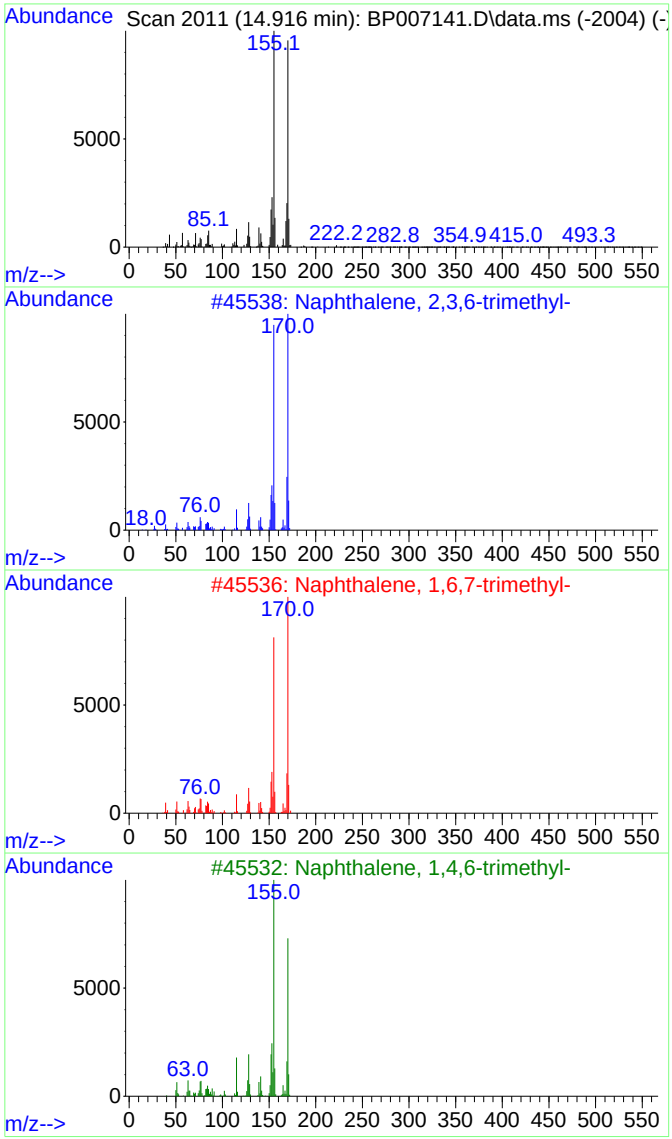
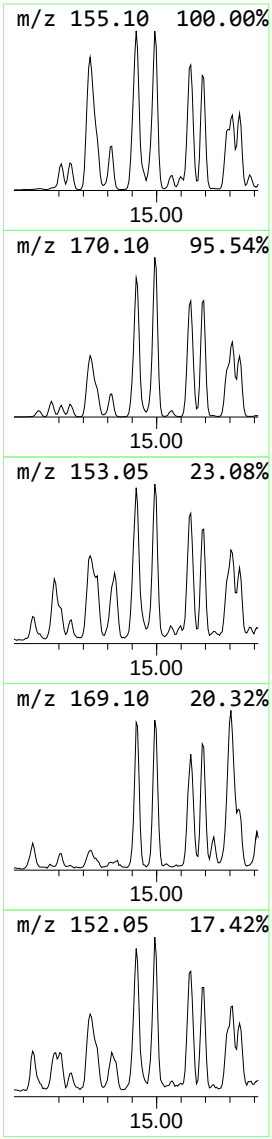
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	10.78 ng	2209560	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-UST-03-(8-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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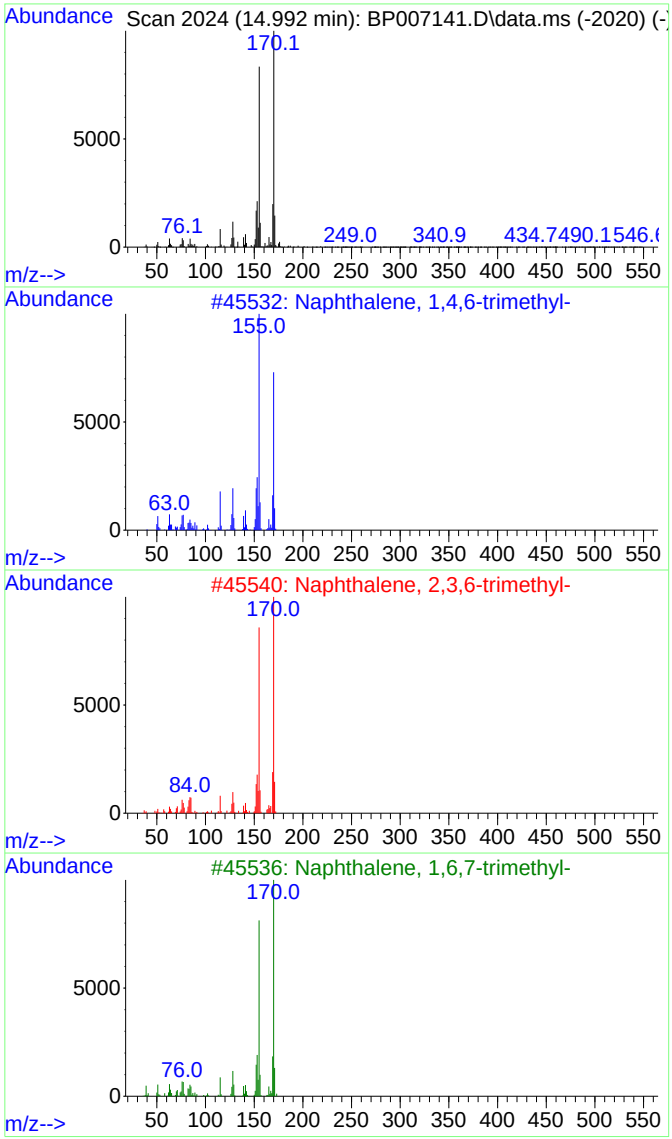
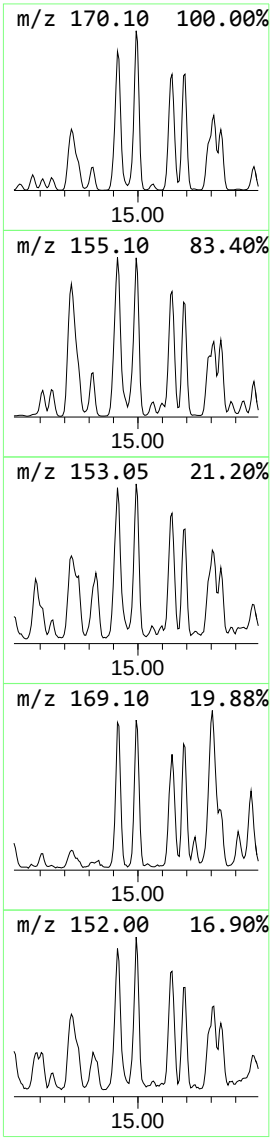
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.993	7.14 ng	1463450	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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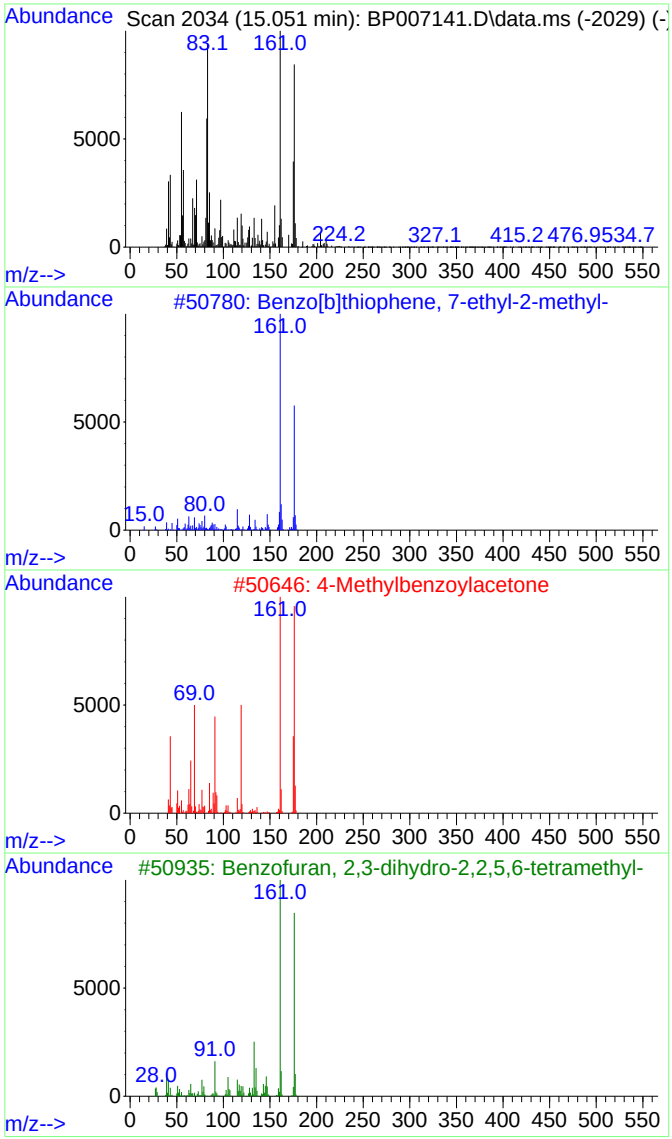
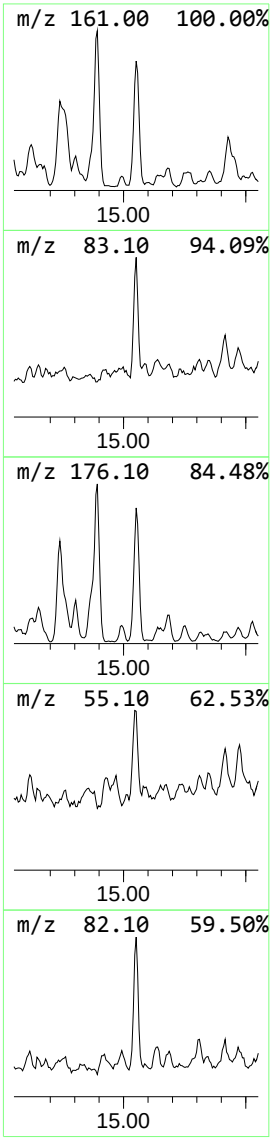
Peak Number 11 unknown15.051 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	5.90 ng	1209670	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 7-ethyl-2-met...	176	C11H12S	016587-44-3	46
2	4-Methylbenzoylacetone	176	C11H12O2	004023-79-4	46
3	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	46
4	1-(2,3,4,5-Tetramethylphenyl)eth...	176	C12H16O	034764-71-1	35
5	Benzofuran, 2,3-dihydro-2,2,4,6-...	176	C12H16O	003698-49-5	30





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Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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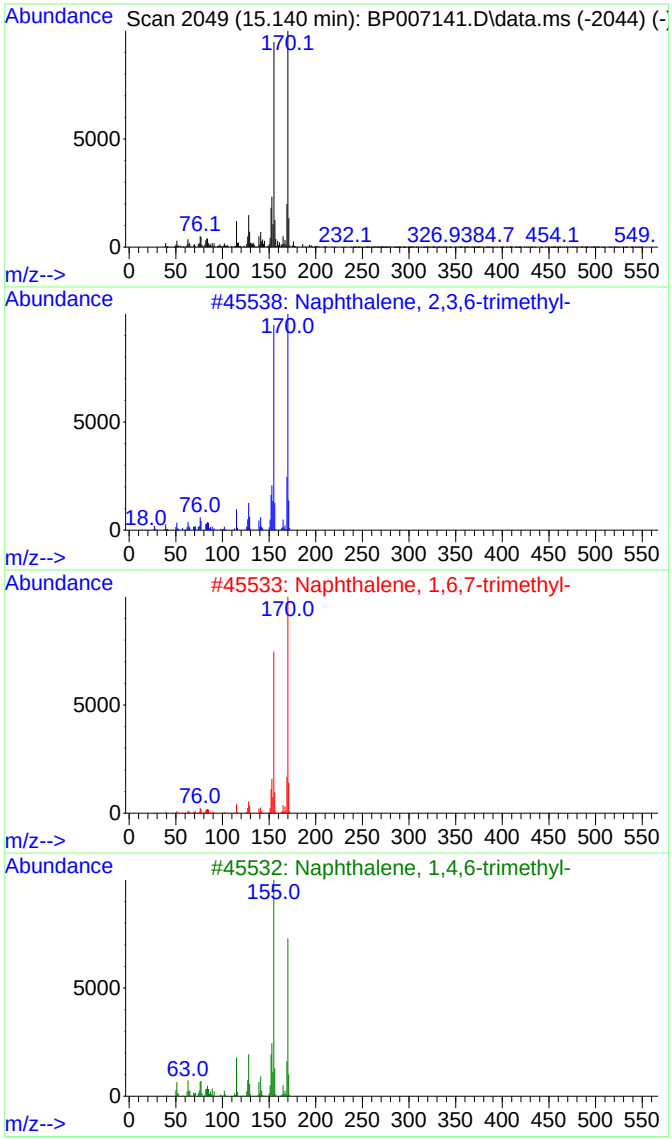
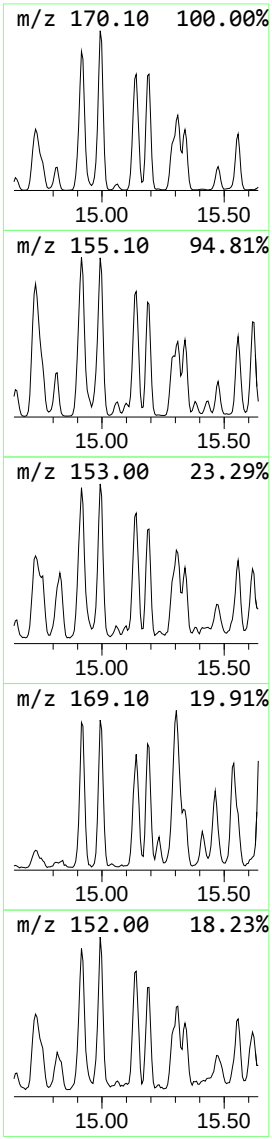
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.140	7.25 ng	1487310	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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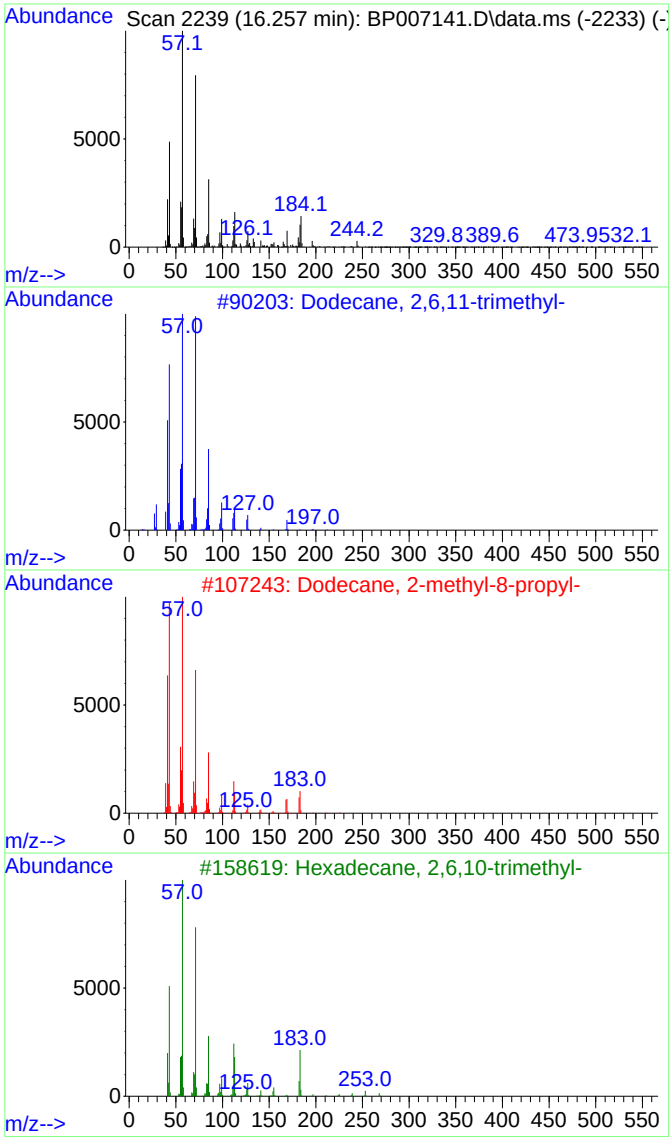
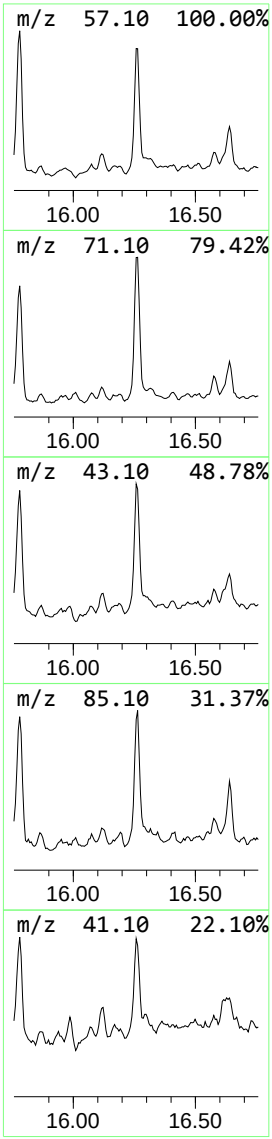
Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	12.55 ng	2164100	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	80
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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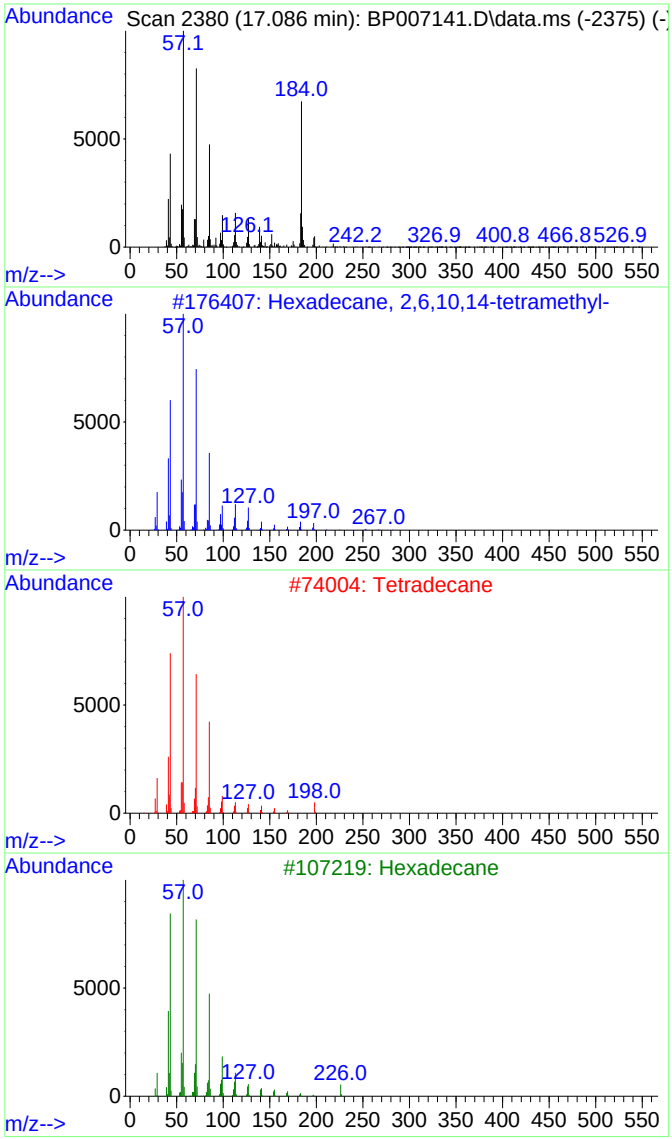
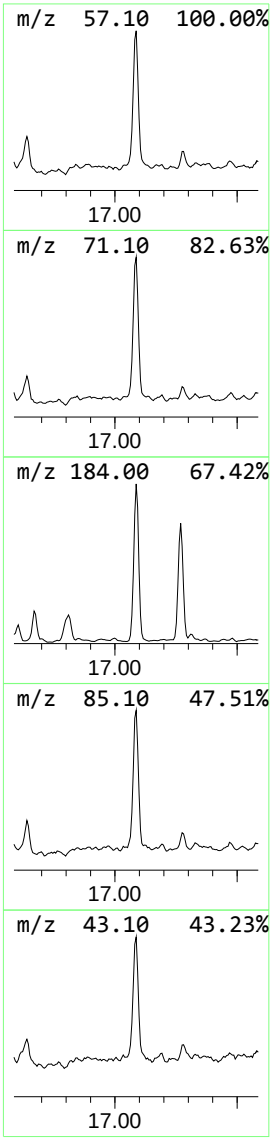
Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.087	19.98 ng	3444990	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Tetradecane	198	C14H30	000629-59-4	60
3	Hexadecane	226	C16H34	000544-76-3	58
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52





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Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

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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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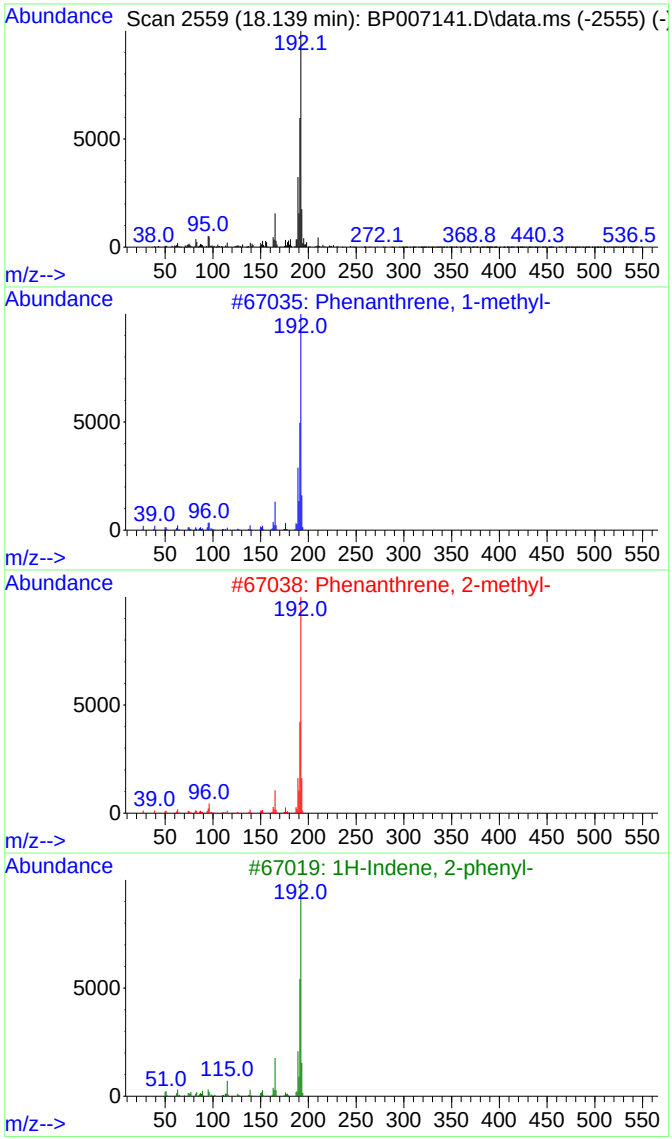
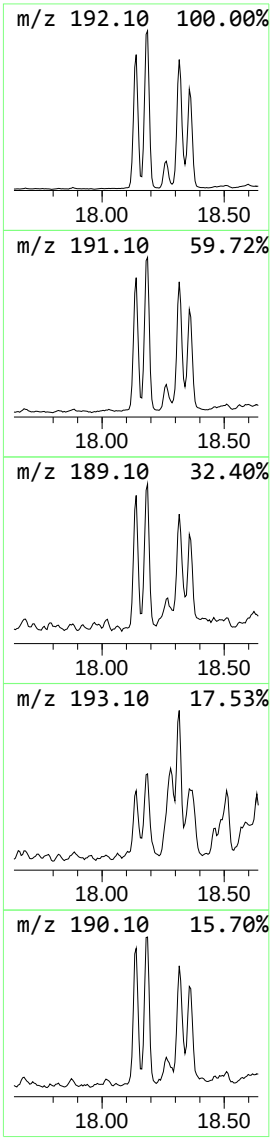
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	6.96 ng	1200470	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-UST-03-(8-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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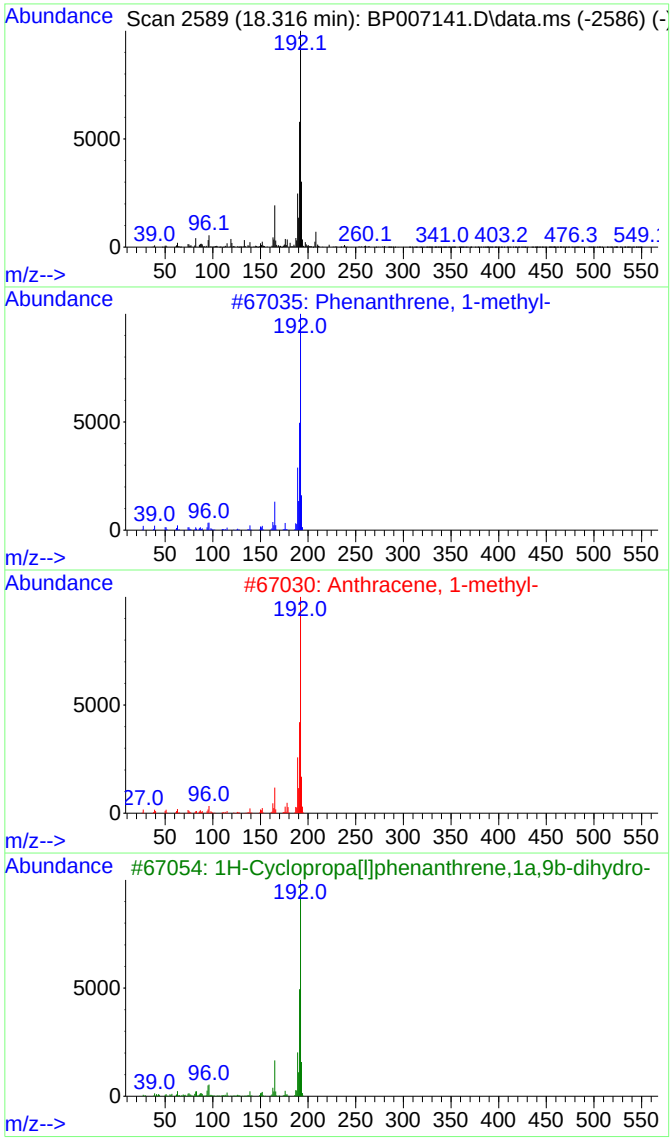
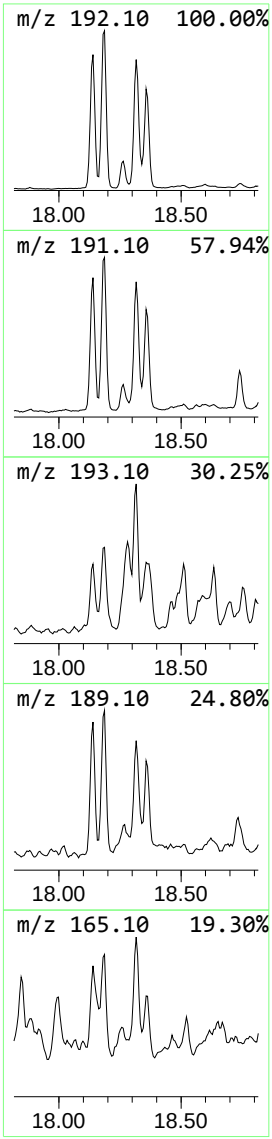
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	6.98 ng	1202750	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81





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Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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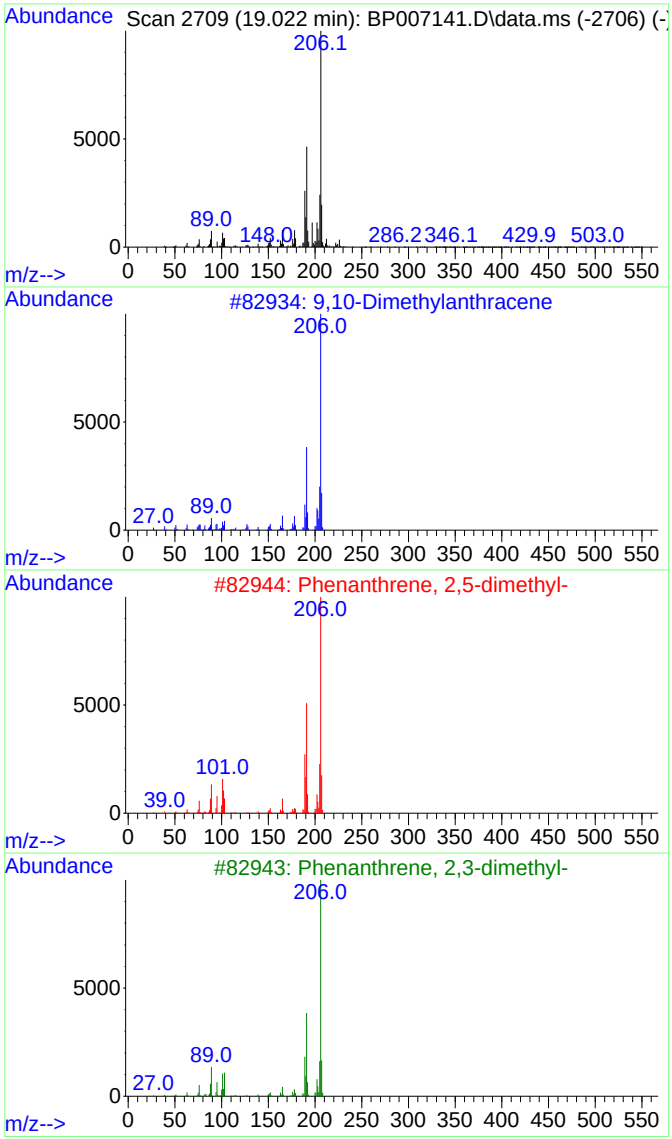
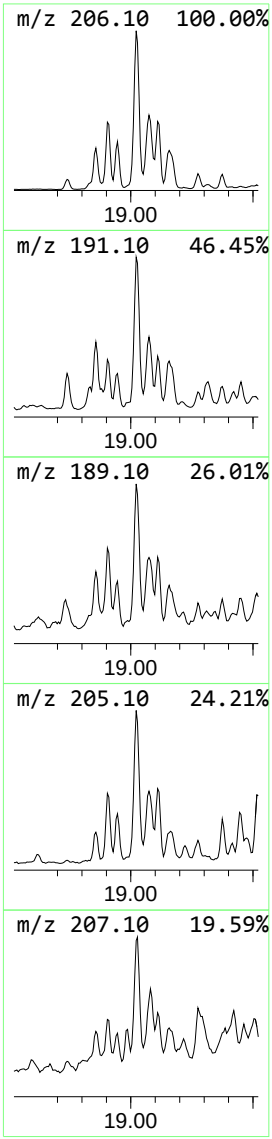
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	11.87 ng	2045660	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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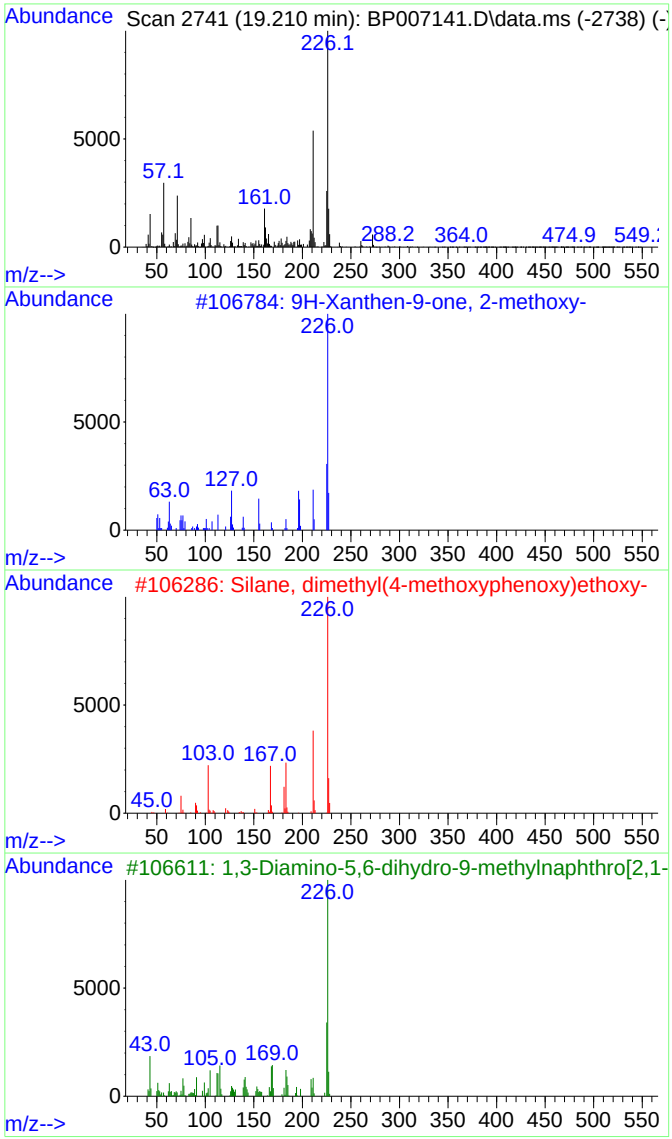
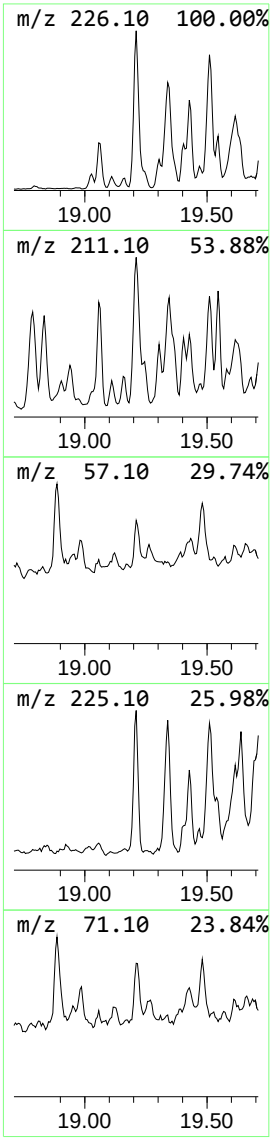
Peak Number 18 9H-Xanthen-9-one, 2-methoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	8.56 ng	1476520	Phenanthrene-d10	17.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	58
2	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	53
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	52
4	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	50
5	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	49





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Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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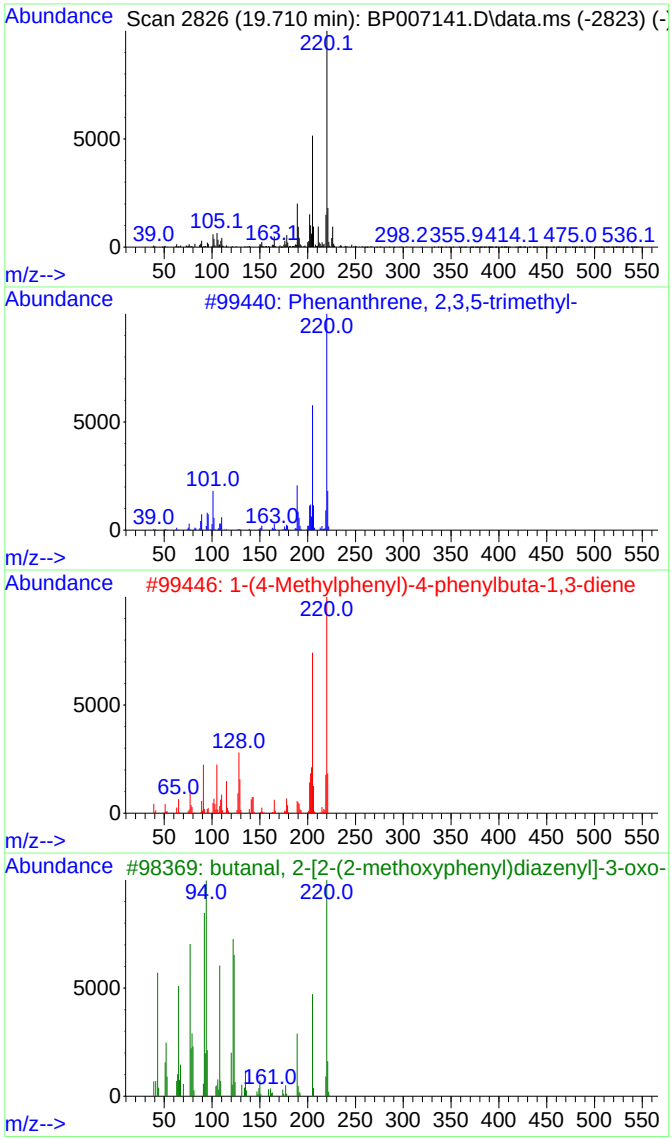
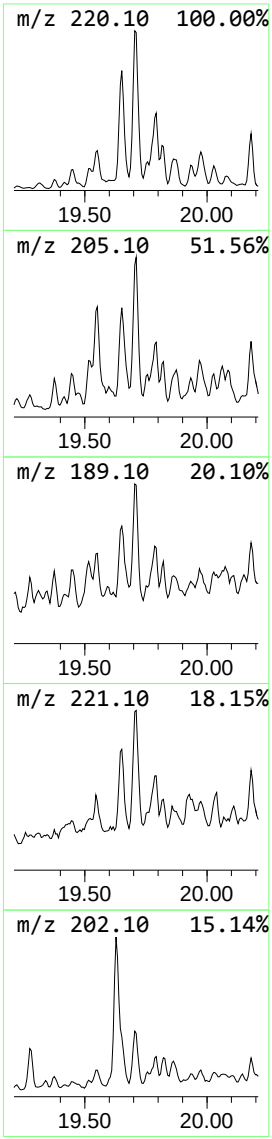
Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.710	6.85 ng	1322400	Chrysene-d12	21.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	74
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	64
4	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	62
5	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	53





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Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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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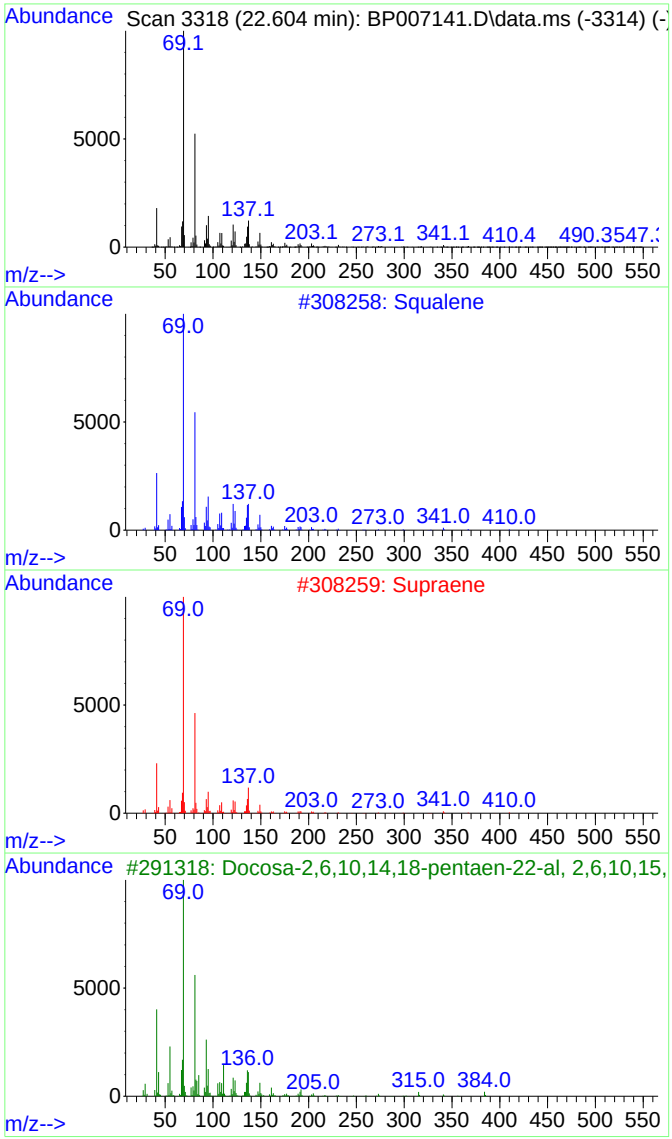
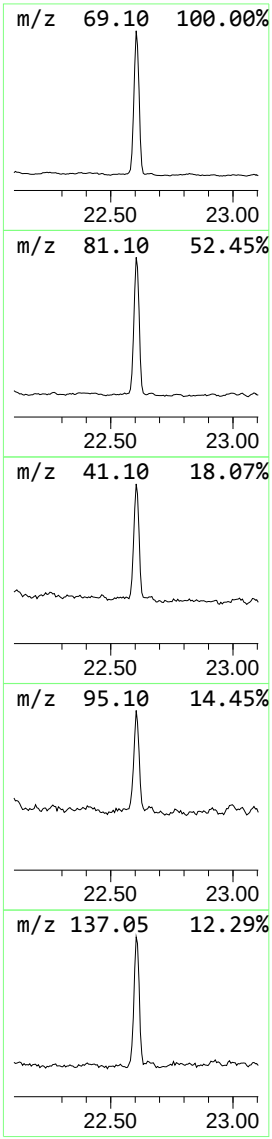
Peak Number 20 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.604	20.35 ng	4254100	Perylene-d12	23.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	trans-Geranylgeraniol	290	C20H34O	024034-73-9	74
5	trans-Farnesol	222	C15H26O	000106-28-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007141.D
Acq On : 24 Sep 2021 00:27
Operator : CG/JU
Sample : M3889-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(8-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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...	8.999	7.0	ng	719964	1	7.887	2056400	20.0
Sulfurous acid,...	11.722	7.4	ng	1068890	2	10.687	2885000	20.0
Nonane, 3,7-dim...	13.063	9.6	ng	1958530	3	14.522	4100700	20.0
Naphthalene, 1,...	13.687	14.4	ng	2942370	3	14.522	4100700	20.0
Naphthalene, 1,...	13.840	11.3	ng	2310050	3	14.522	4100700	20.0
Naphthalene, 2,...	13.898	7.8	ng	1606040	3	14.522	4100700	20.0
Decane, 5-propyl-	14.010	6.3	ng	1289020	3	14.522	4100700	20.0
Naphthalene, 2,...	14.075	5.9	ng	1213110	3	14.522	4100700	20.0
Naphthalene, 2,...	14.916	10.8	ng	2209560	3	14.522	4100700	20.0
Naphthalene, 1,...	14.993	7.1	ng	1463450	3	14.522	4100700	20.0
unknown15.051	15.051	5.9	ng	1209670	3	14.522	4100700	20.0
Naphthalene, 1,...	15.140	7.3	ng	1487310	3	14.522	4100700	20.0
Dodecane, 2,6,1...	16.257	12.6	ng	2164100	4	17.269	3447980	20.0
Hexadecane, 2,6...	17.087	20.0	ng	3444990	4	17.269	3447980	20.0
Phenanthrene, 1...	18.139	7.0	ng	1200470	4	17.269	3447980	20.0
Anthracene, 1-m...	18.316	7.0	ng	1202750	4	17.269	3447980	20.0
9,10-Dimethylan...	19.022	11.9	ng	2045660	4	17.269	3447980	20.0
9H-Xanthen-9-on...	19.210	8.6	ng	1476520	4	17.269	3447980	20.0
Phenanthrene, 2...	19.710	6.8	ng	1322400	5	21.351	3862020	20.0
Squalene	22.604	20.4	ng	4254100	6	23.763	4180760	20.0