LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(5-7)

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: BP007145.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	396	404	418	rVV	1765918	2785097	30.18%	1.344%
2	6.164	514	523	530	rBV5	165443	406605	4.41%	0.196%
3	6.381	554	560	567	rBV4	154781	378193	4.10%	0.182%
4	6.446	567	571	576	rVV	340630	480612	5.21%	0.232%
5	6.528	576	585	588	rVV3	249181	563276	6.10%	0.272%
6	6.881	635	645	651	rBV3	245791	517323	5.61%	0.250%
7	7.058	665	675	686	rVB	1679869	3562231	38.60%	1.719%
8	7.381	726	730	738	rVB4	178138	384272	4.16%	0.185%
9	7.452	738	742	754	rVB5	176982	550554	5.97%	0.266%
10	7.816	795	804	808	rVV6	232871	716592	7.76%	0.346%
11	7.887	808	816	823	rVV2	1231956	2844902	30.83%	1.373%
12	7.963	823	829	834	rVB3	187105	368622	3.99%	0.178%
13	8.081	843	849	853	rVV3	272595	497102	5.39%	0.240%
14	8.152	857	861	863	rVV	257605	422729	4.58%	0.204%
15	8.181	863	866	873	rVV3	389842	767483	8.32%	0.370%
16	8.452	904	912	921	rVB2	555112	1146513	12.42%	0.553%
17	8.722	954	958	962	rBV	245195	374344	4.06%	0.181%
18	8.869	976	983	989	rBV6	114566	352962	3.82%	0.170%
19	8.999	994	1005	1009	rBV4	892567	2056758	22.29%	0.992%
20	9.052	1009	1014	1019	rBV2	923196	1631715	17.68%	0.787%
21	9.210	1036	1041	1042	rBV2	293847	391655	4.24%	0.189%
22	9.240	1043	1046	1053	rVB5	407968	864404	9.37%	0.417%
23	9.352	1062	1065	1073	rVB4	239985	602098	6.52%	0.290%
24	9.534	1090	1096	1103	rVB3	388262	874685	9.48%	0.422%
25	9.610	1103	1109	1114	rBV4	350033	619165	6.71%	0.299%
26	9.822	1141	1145	1149	rVB3	301036	449443	4.87%	0.217%
27	9.875	1149	1154	1162	rVB5	554626	1073253	11.63%	0.518%
28	10.093	1186	1191	1196	rBV3	684556	1227770	13.30%	0.592%
29	10.146	1196	1200	1206	rVB6	161180	396259	4.29%	0.191%
30	10.281	1217	1223	1236	rVB7	324675	802851	8.70%	0.387%
31	10.393	1237	1242	1246	rBV	397477	717924	7.78%	0.346%
32	10.475	1251	1256	1261	rBV2	629769	1044585	11.32%	0.504%
33	10.604	1273	1278	1282	rVV3	250096	579954	6.28%	0.280%
34	10.687	1282	1292	1298	rVV2	1769872	4365854	47.31%	2.106%
35	10.740	1298	1301	1309	rVV6	316203	813385	8.81%	0.392%
36	10.810	1309	1313	1317	rVV2	544212	873355	9.46%	0.421%

LSC Area Percent Report

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Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(5-7)

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	10.857	1317	1321	1326	rVB	1040622	1425972	15.45%	0.688%
38	10.910	1326	1330	1338	rVB3	422395	815376	8.84%	0.393%
39	10.987	1339	1343	1349	rVB5	254973	468243	5.07%	0.226%
40	11.187	1372	1377	1382	rVB2	876351	1387191	15.03%	0.669%
41	11.310	1394	1398	1402	rBV4	234205	405397	4.39%	0.196%
42	11.363	1402	1407	1408	rBV2	441771	667773	7.24%	0.322%
43	11.469	1420	1425	1431	rBV3	257481	512694	5.56%	0.247%
44	11.534	1431	1436	1438	rBV6	237121	411325	4.46%	0.198%
45	11.610	1445	1449	1456	rVB3	596437	1306147	14.15%	0.630%
46	11.722	1463	1468	1472	rBV	1590819	2658272	28.80%	1.283%
47	11.799	1478	1481	1487	rVB2	532619	936230	10.14%	0.452%
48	11.881	1492	1495	1499	rBV	429679	630029	6.83%	0.304%
49	11.981	1504	1512	1516	rBV3	934419	1844734	19.99%	0.890%
50	12.346	1566	1574	1581	rVB4	1197791	3272841	35.46%	1.579%
51	12.428	1583	1588	1594	rBV3	352880	966875	10.48%	0.466%
52	12.569	1600	1612	1621	rVV3	1695764	4138769	44.85%	1.997%
53	12.810	1647	1653	1659	rVB5	488705	1236608	13.40%	0.597%
54	13.069	1692	1697	1702	rVB3	2373644	3698570	40.08%	1.784%
55	13.145	1706	1710	1715	rVB	2613468	3859172	41.82%	1.862%
56	13.340	1738	1743	1746	rBV4	861214	1306172	14.15%	0.630%
57	13.375	1746	1749	1752	rVB2	384238	456336	4.94%	0.220%
58	13.451	1758	1762	1769	rBV4	622218	1186617	12.86%	0.572%
59	13.557	1776	1780	1782	rBV	783515	1051146	11.39%	0.507%
60	13.704	1796	1805	1813	rBV3	2429599	6827082	73.98%	3.294%
61	13.851	1824	1830	1834	rBV	2917362	5009135	54.28%	2.417%
62	13.898	1834	1838	1845	rVB2	1785541	2917097	31.61%	1.407%
63	14.010	1853	1857	1861	rVB	2518465	3377396	36.60%	1.629%
64	14.081	1861	1869	1872	rBV	1752115	3095234	33.54%	1.493%
65	14.116	1872	1875	1880	rVB2	769519	1043294	11.30%	0.503%
66	14.222	1890	1893	1894	rBV2	434768	475052	5.15%	0.229%
67	14.245	1895	1897	1902	rVB	818526	1064754	11.54%	0.514%
68	14.357	1913	1916	1923	rVB4	706206	1249321	13.54%	0.603%
69	14.498	1935	1940	1941	rBV3	1393958	1906292	20.66%	0.920%
70	14.522	1941	1944	1949	rVB	2426113	3552559	38.49%	1.714%
71	14.651	1964	1966	1970	rVB2	573954	625221	6.77%	0.302%
72	14.734	1975	1980	1989	rVB3	1795559	4769272	51.68%	2.301%
73	14.816	1991	1994	1997	rBV2	543385	681730	7.39%	0.329%
74	14.922	2005	2012	2018	rVB3	2740900	5388845	58.39%	2.600%
75	14.998	2021	2025	2029	rVB	2687984	3756814	40.71%	1.813%
76	15.051	2030	2034	2044	rVB7	1645050	3162809	34.27%	1.526%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
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Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(5-7)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

77	15.145	2045	2050	2054	rBV	2260478	3886348	42.11%	1.875%
78	15.192	2054	2058	2062	rVB	1993627	2694317	29.20%	1.300%
79	15.316	2072	2079	2082	rBV2	1474511	3000510	32.51%	1.448%
80	15.481	2103	2107	2115	rVB6	1127609	2236900	24.24%	1.079%
81	15.563	2117	2121	2125	rBV2	1662725	2461977	26.68%	1.188%
82	15.616	2126	2130	2134	rVV5	1163961	1909159	20.69%	0.921%
83	15.734	2147	2150	2154	rBV4	715971	1164841	12.62%	0.562%
84	15.787	2154	2159	2166	rVB	3297756	5137125	55.66%	2.478%
85	16.016	2195	2198	2205	rVB4	2231712	3314602	35.92%	1.599%
86	16.263	2234	2240	2245	rBV2	4261537	7429959	80.51%	3.585%
87	16.386	2257	2261	2264	rBV2	1145122	1611478	17.46%	0.777%
88	16.634	2298	2303	2308	rBV5	1820234	3677012	39.84%	1.774%
89	17.092	2376	2381	2391	rVB	5406577	9228667	100.00%	4.452%
90	17.275	2408	2412	2416	rBV	2942331	4411618	47.80%	2.128%
91	17.316	2416	2419	2427	rVB	2068677	3106685	33.66%	1.499%
92	17.698	2480	2484	2490	rBV	1821511	2746372	29.76%	1.325%
93	17.857	2508	2511	2514	rVB	1753150	1946562	21.09%	0.939%
94	17.998	2531	2535	2541	rBV	1351891	2514583	27.25%	1.213%
95	18.145	2556	2560	2564	rBV2	2313327	4122677	44.67%	1.989%
96	18.192	2565	2568	2574	rVB	2942734	4007136	43.42%	1.933%
97	18.322	2587	2590	2594	rVB	2405918	3005444	32.57%	1.450%
98	19.033	2707	2711	2715	rBV	3519140	4808277	52.10%	2.320%
99	19.216	2739	2742	2748	rVB2	2308062	3542377	38.38%	1.709%
100	19.833	2843	2847	2850	rBV	4632597	5258336	56.98%	2.537%

Sum of corrected areas: 207271883

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
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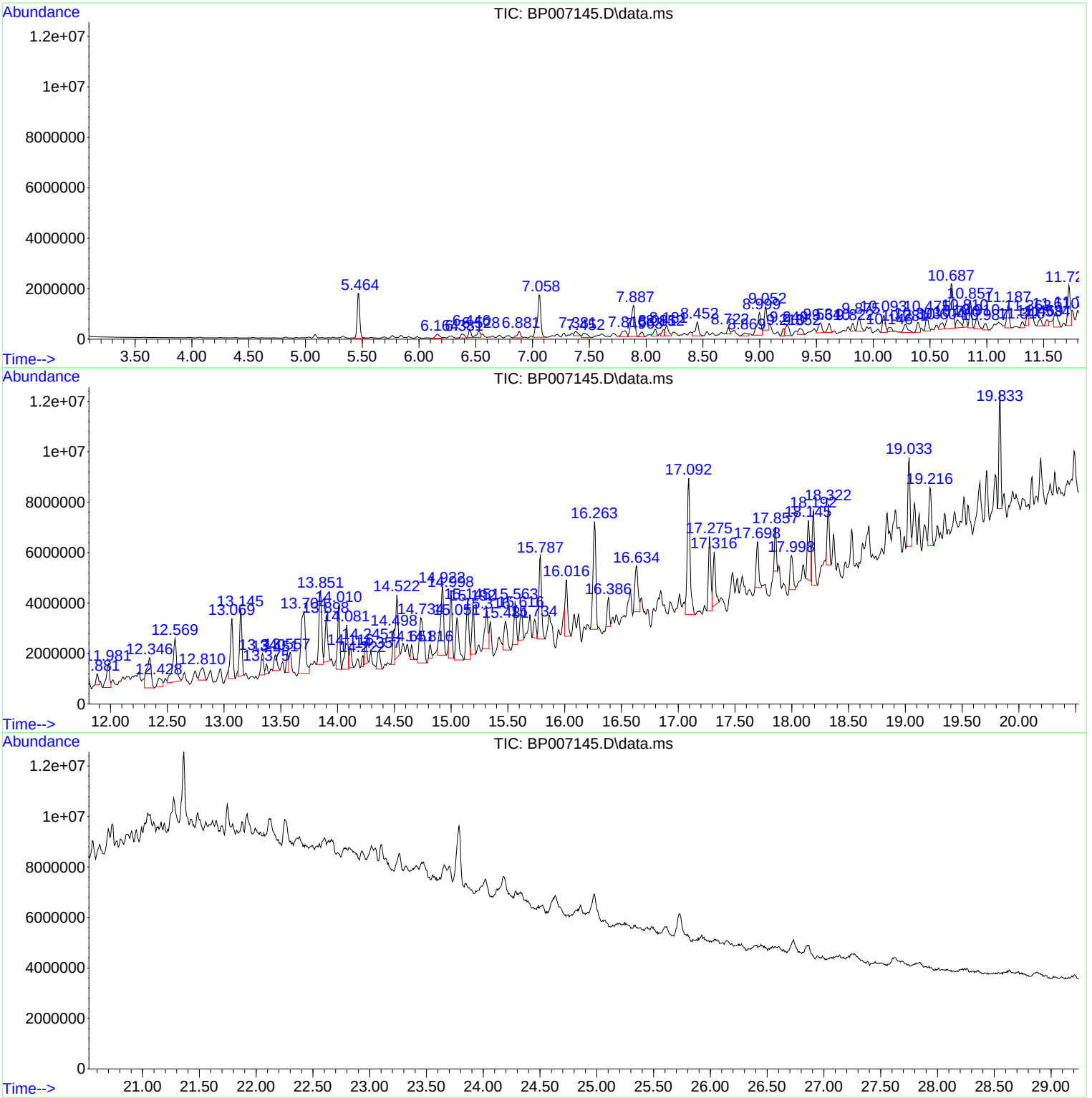
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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 : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

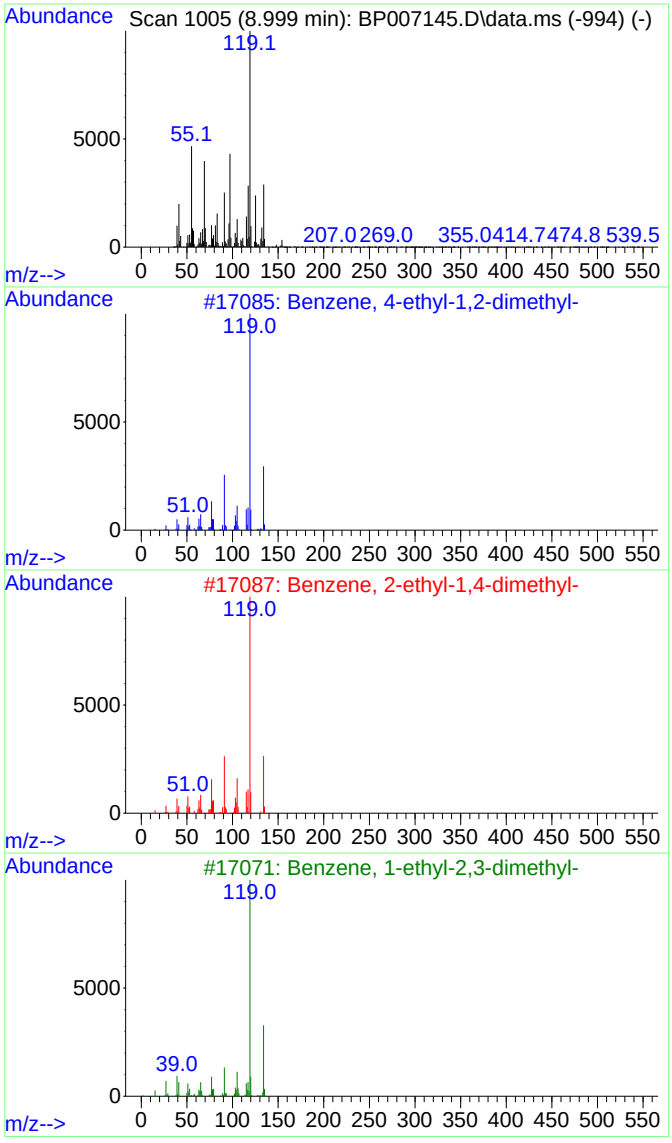
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

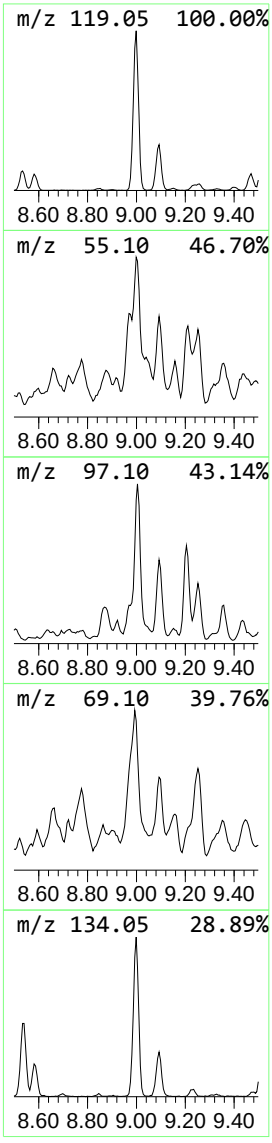
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.999	14.46 ng	2056760	1,4-Dichlorobenzene-d4	7.893

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-1,4-dimethyl-	134	C10H14	001758-88-9	55
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4	p-Cymene	134	C10H14	000099-87-6	55
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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

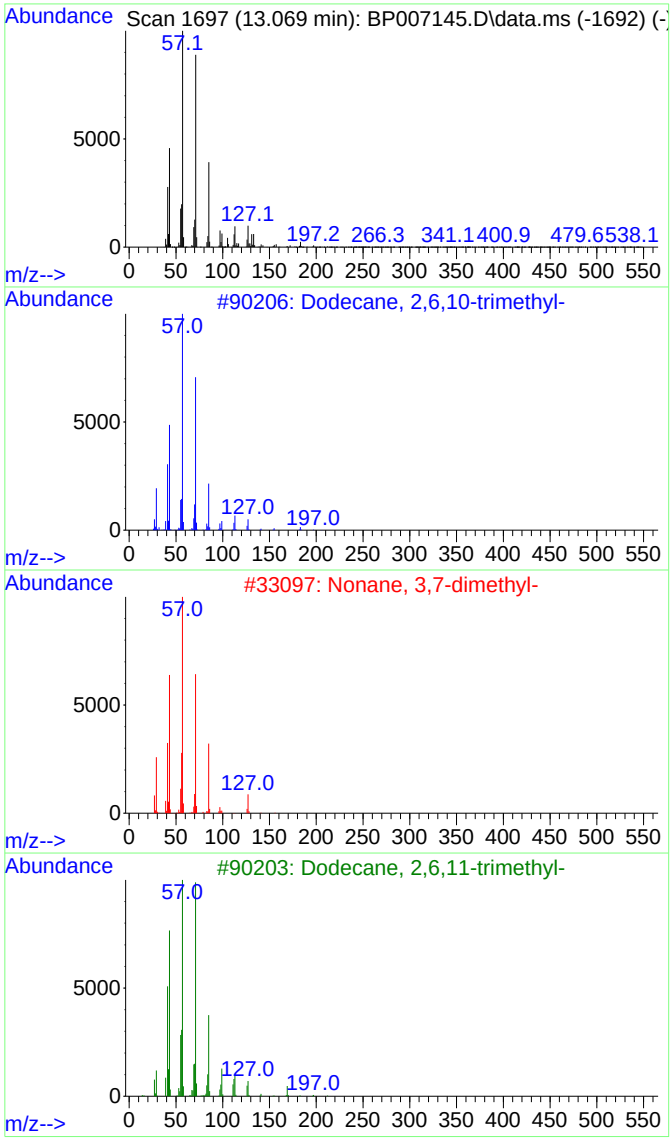
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

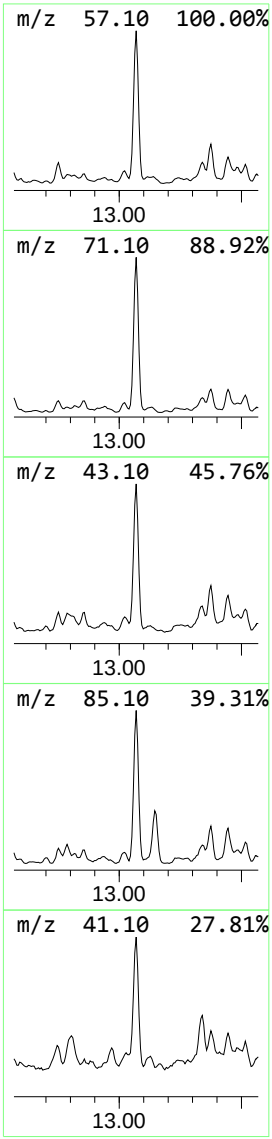
****

Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	20.82 ng	3698570	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
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Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

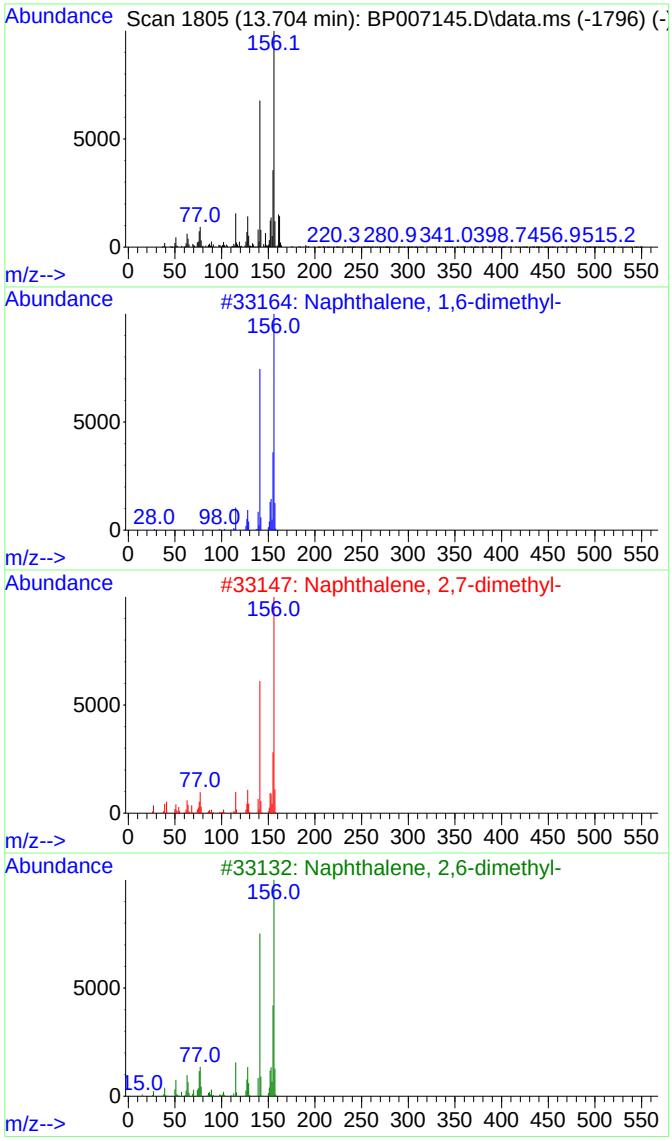
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

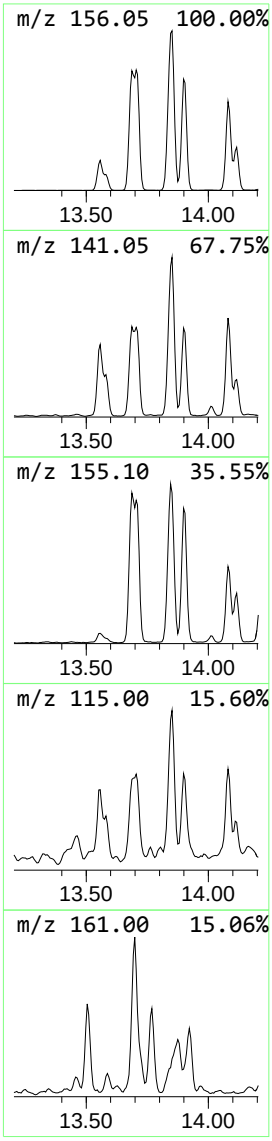
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	38.43 ng	6827080	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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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

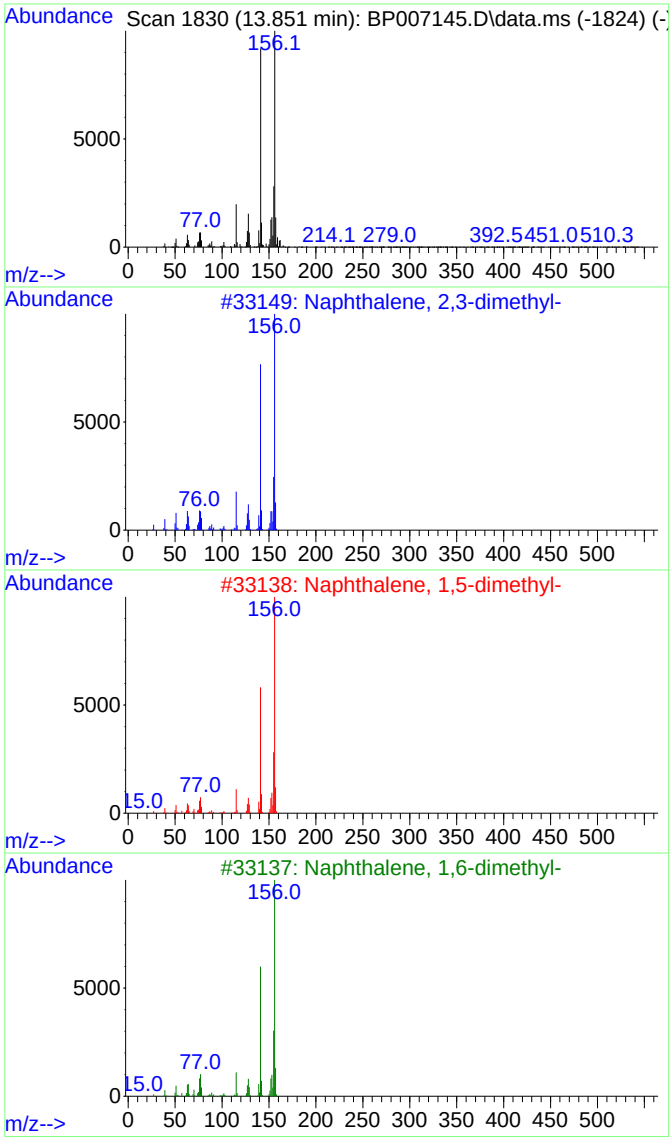
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

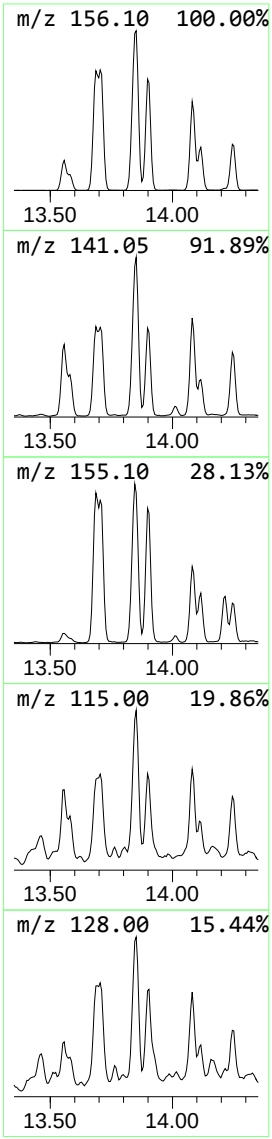
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	28.20 ng	5009140	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

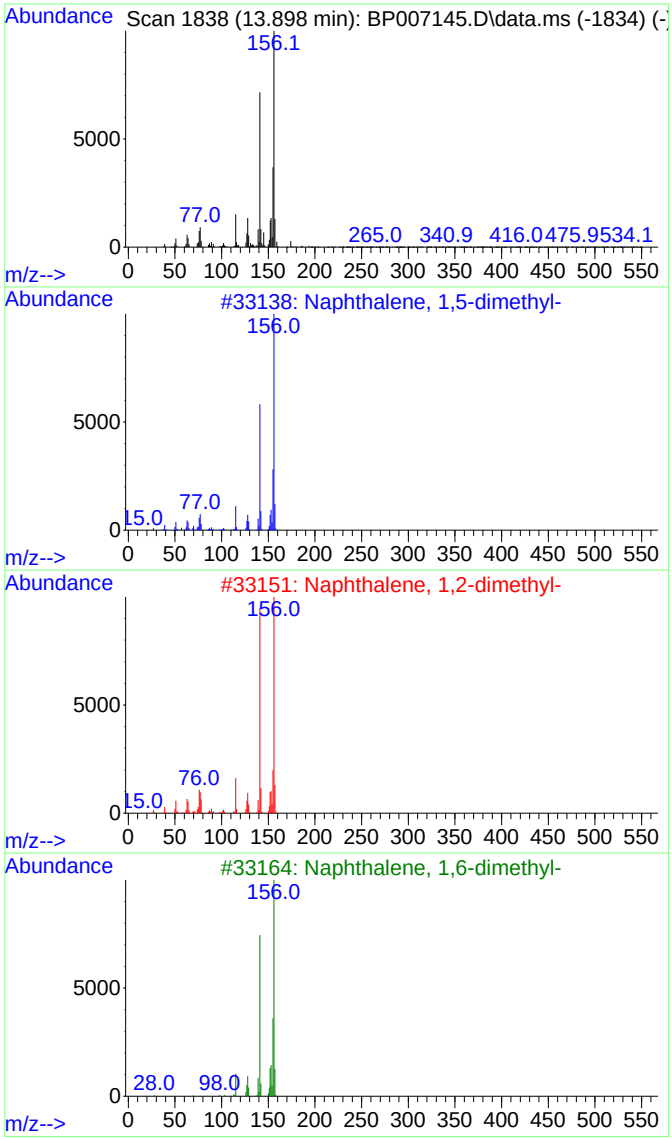
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

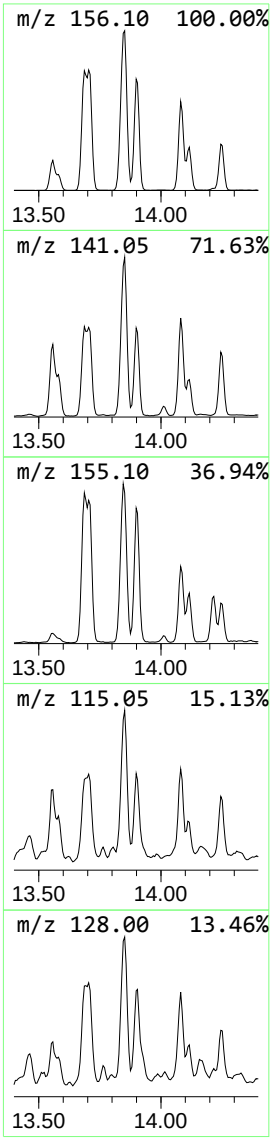
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	16.42 ng	2917100	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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

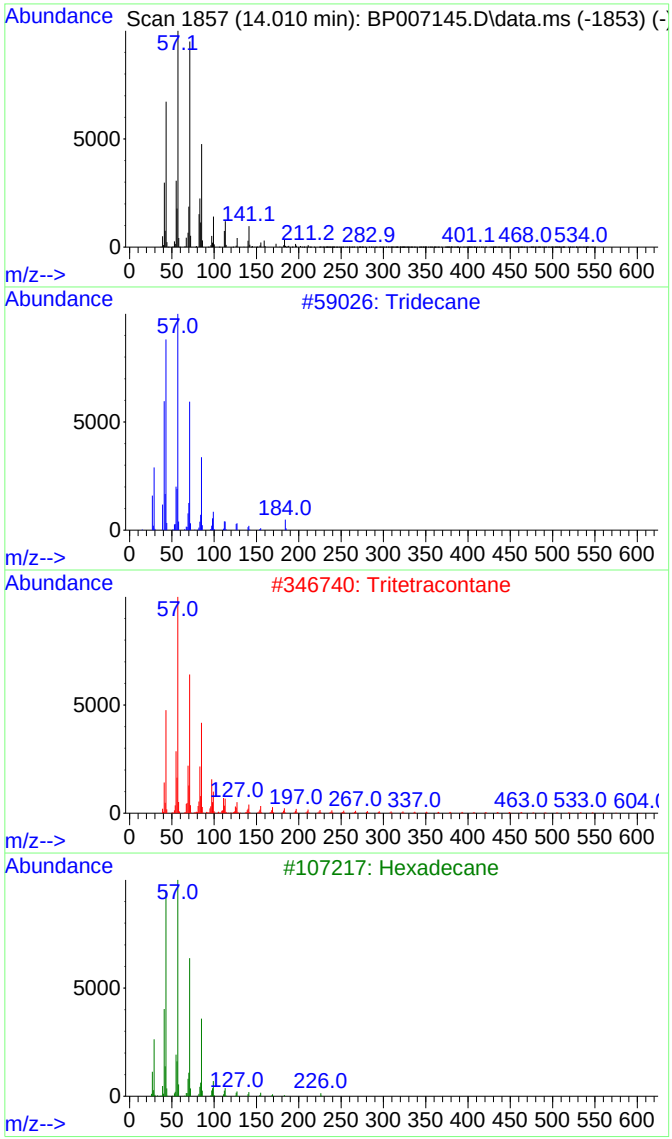
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

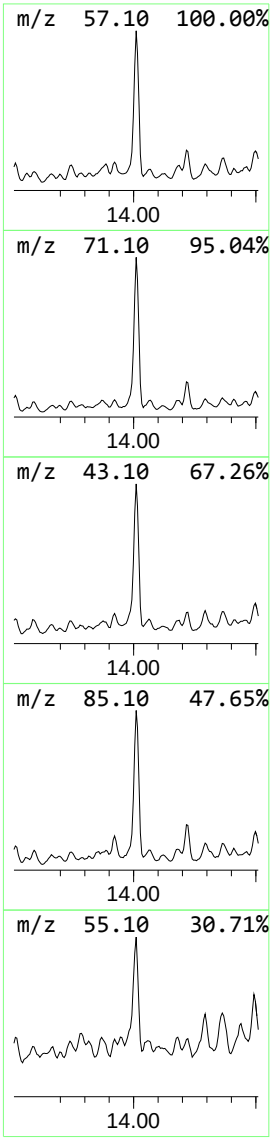
****

Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	19.01 ng	3377400	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Hexadecane	226	C16H34	000544-76-3	81
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
5	Pentatriacontane	493	C35H72	000630-07-9	78





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Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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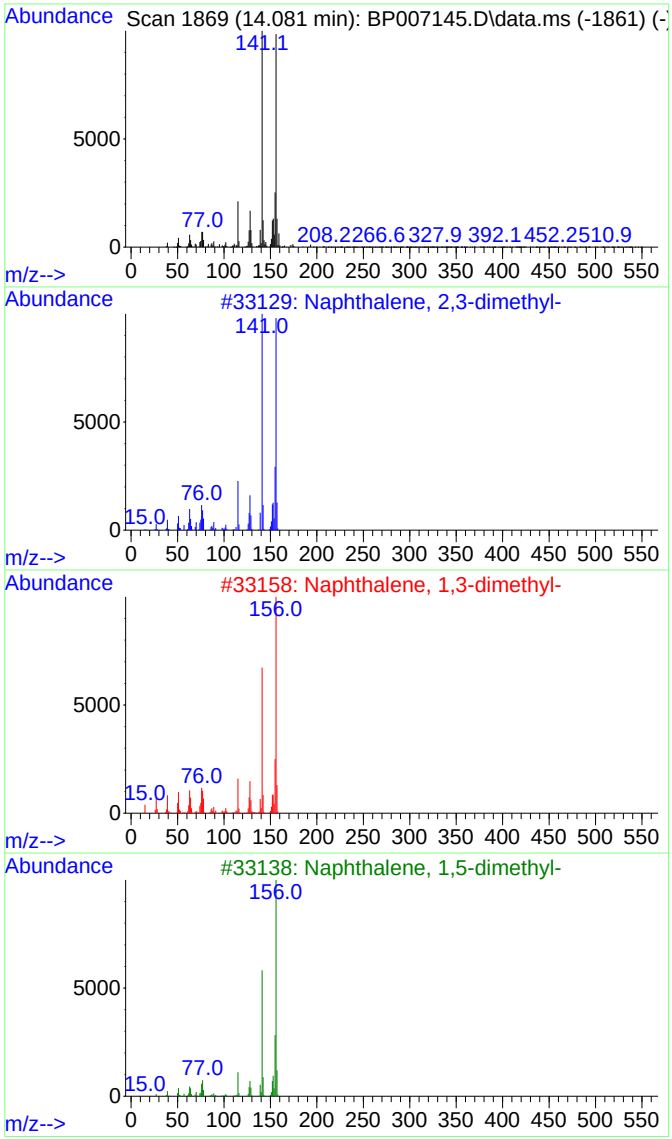
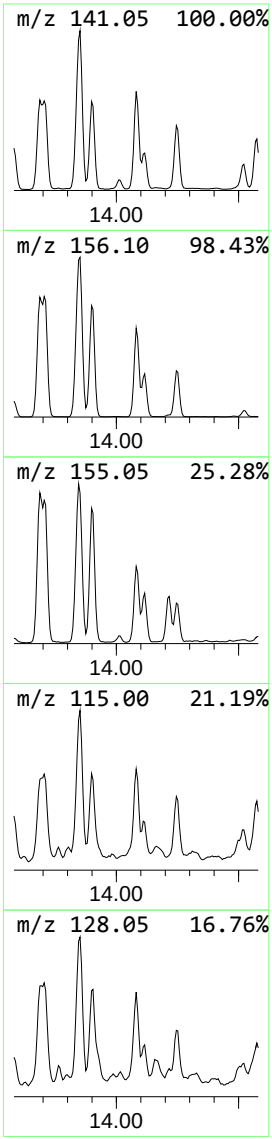
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	17.43 ng	3095230	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





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Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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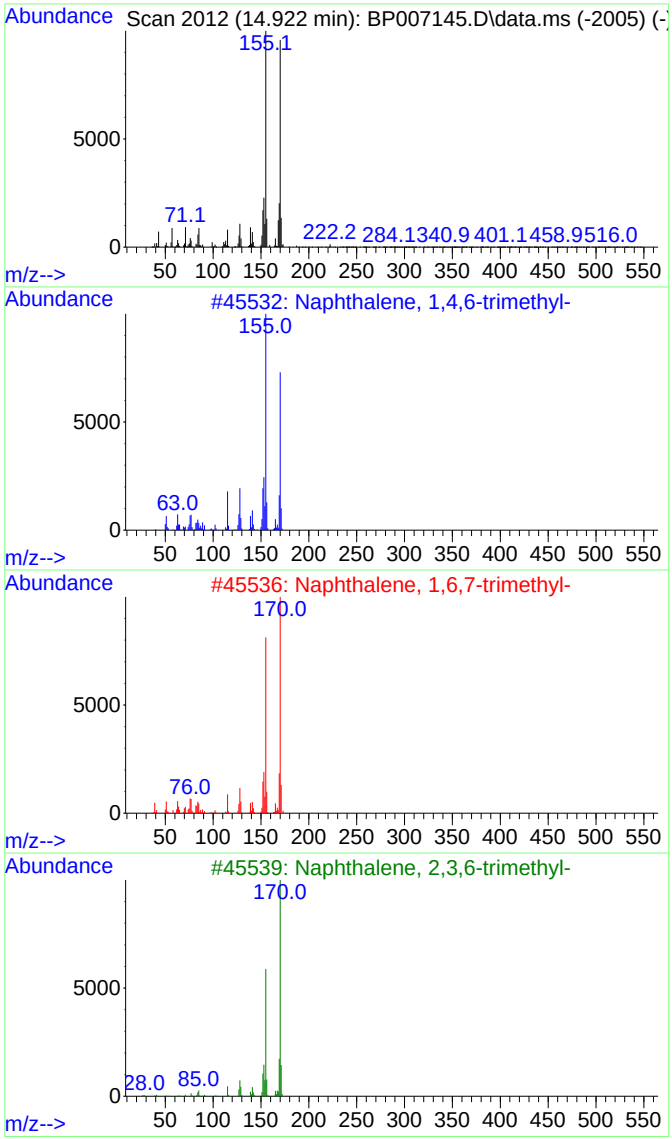
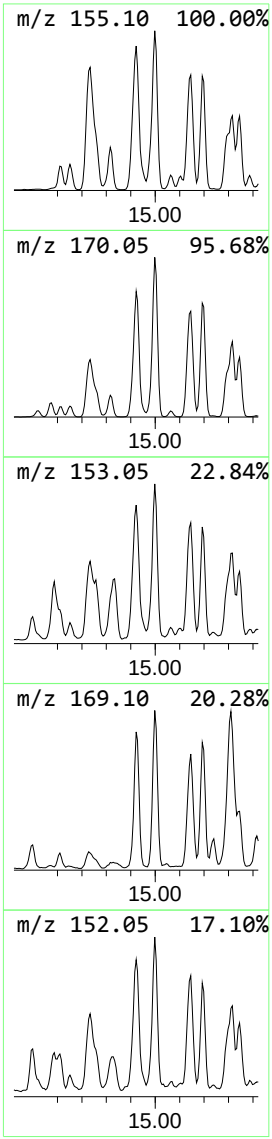
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.922	30.34 ng	5388850	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
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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Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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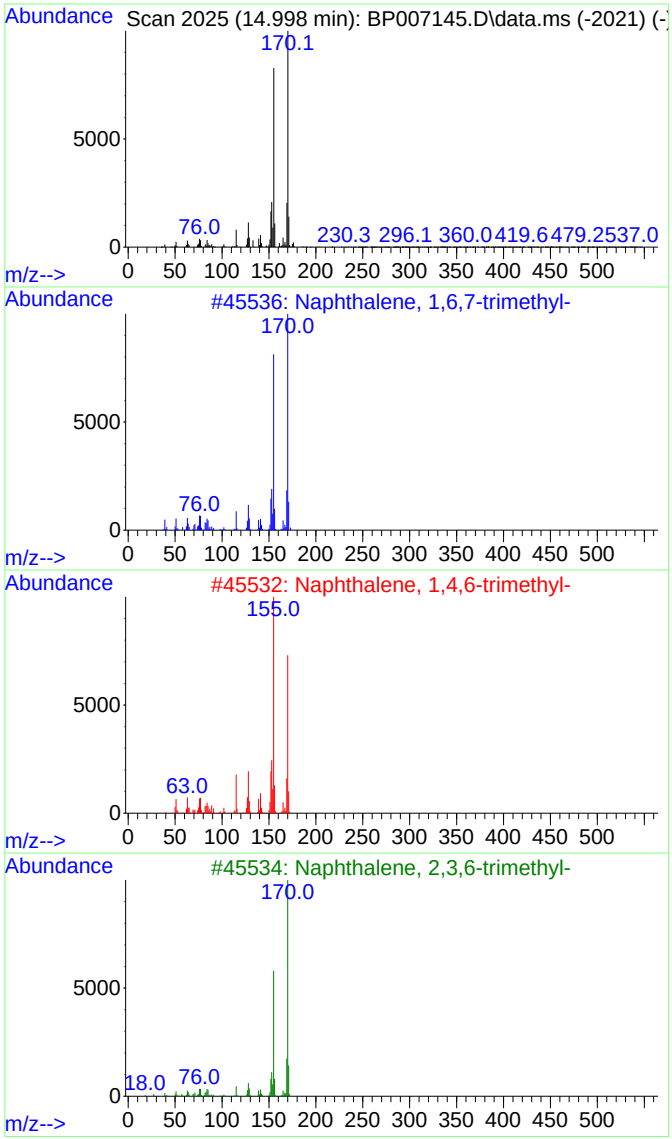
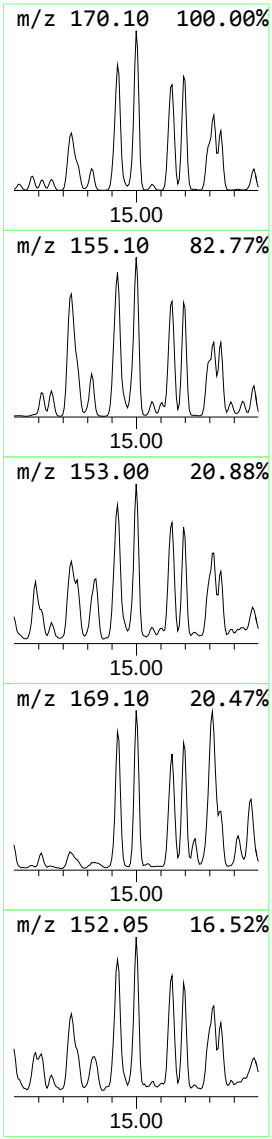
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	21.15 ng	3756810	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
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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Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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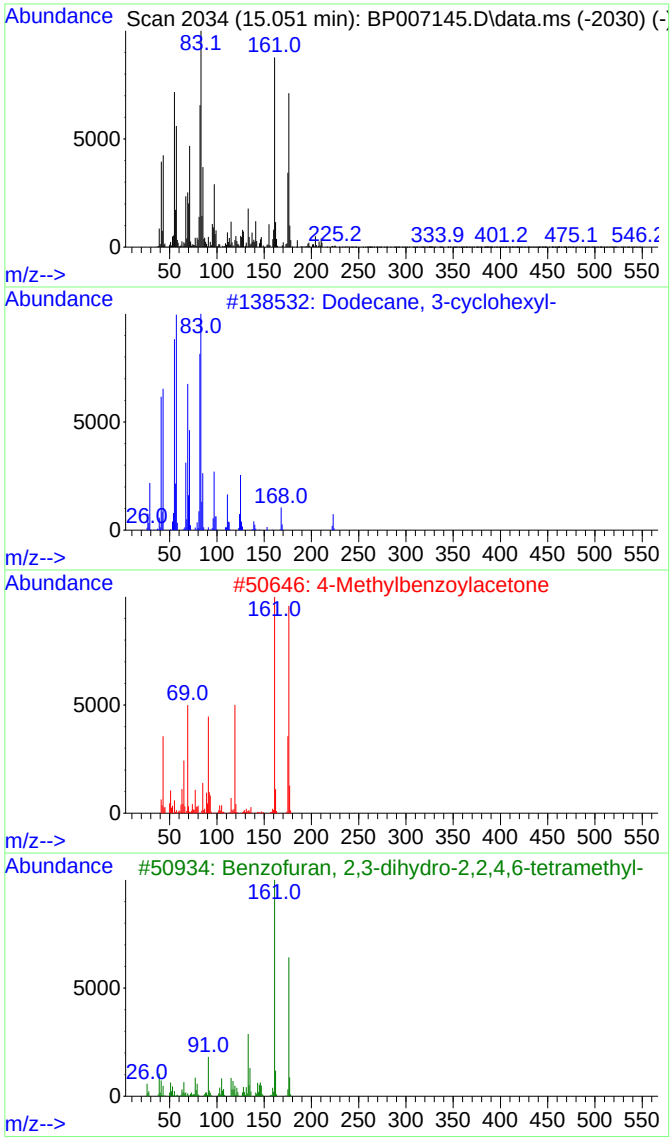
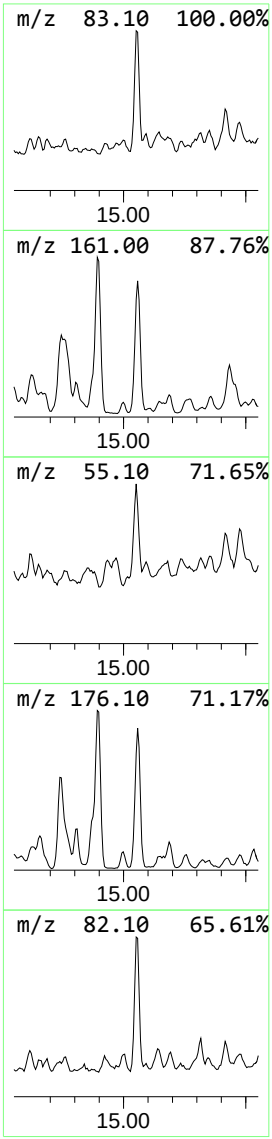
Peak Number 10 unknown15.051 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.051	17.81 ng	3162810	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	46
2	4-Methylbenzoylacetone	176	C11H12O2	004023-79-4	38
3	Benzofuran, 2,3-dihydro-2,2,4,6-...	176	C12H16O	003698-49-5	38
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	38
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30





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Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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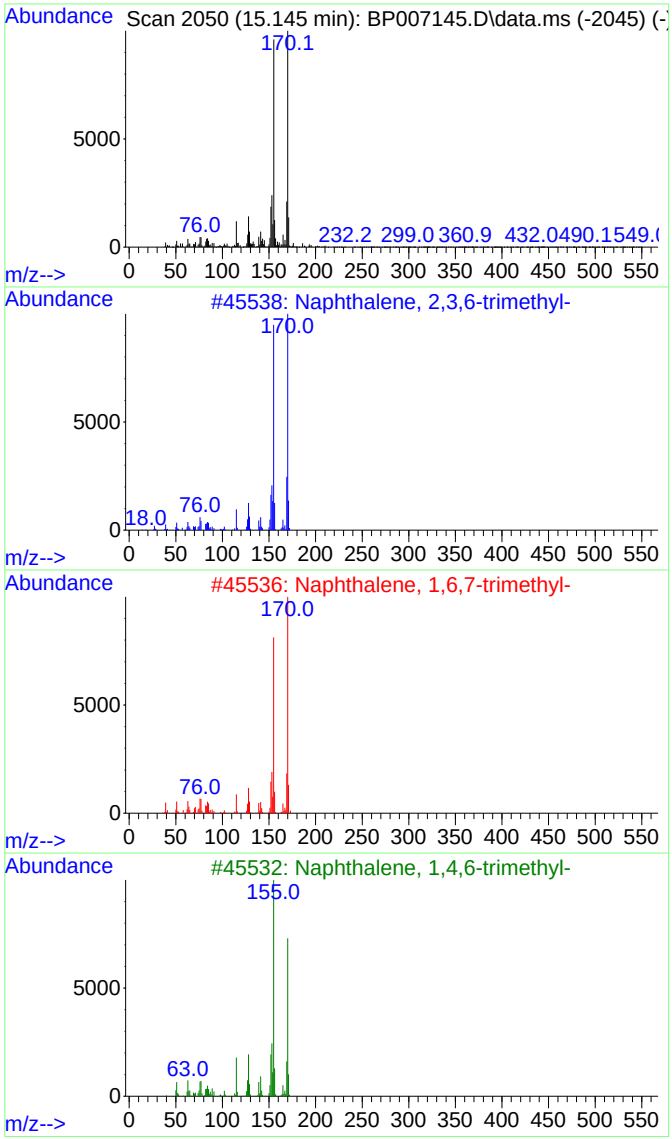
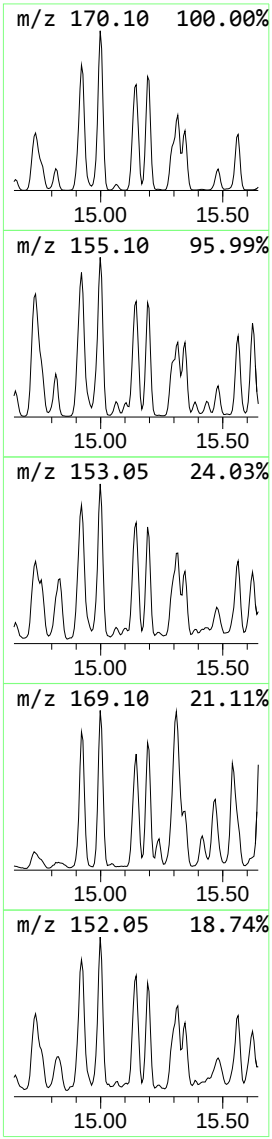
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	21.88 ng	3886350	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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Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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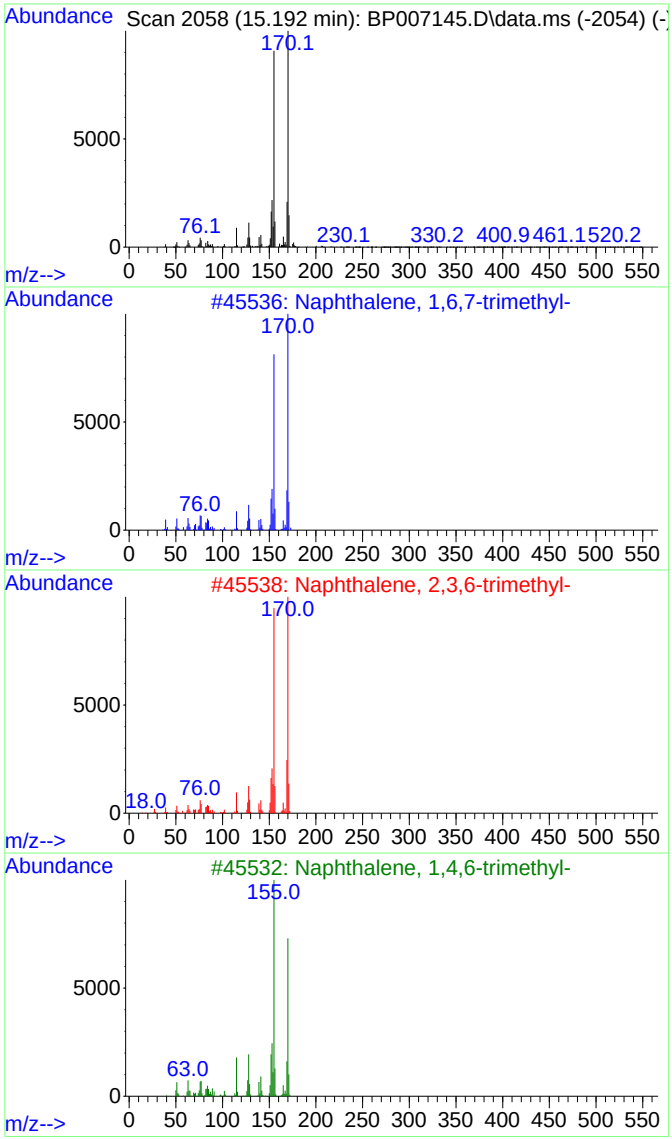
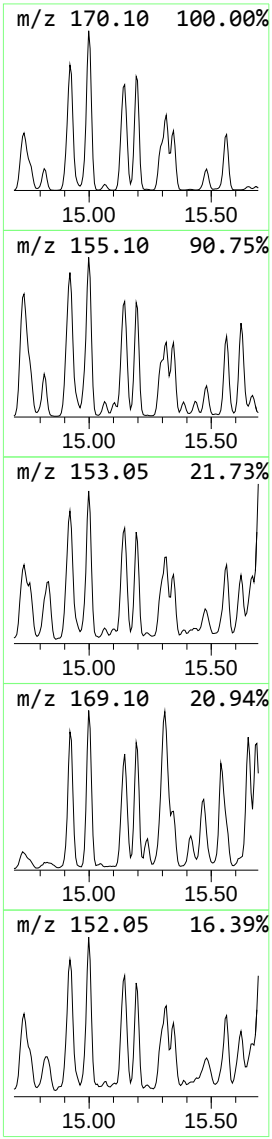
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	15.17 ng	2694320	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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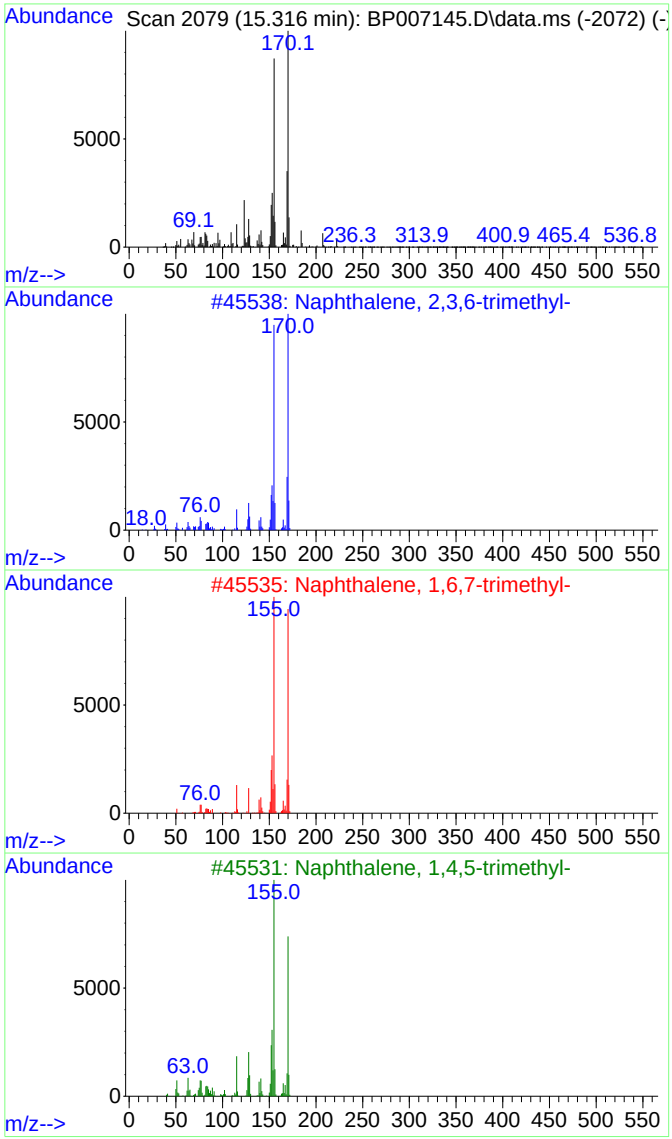
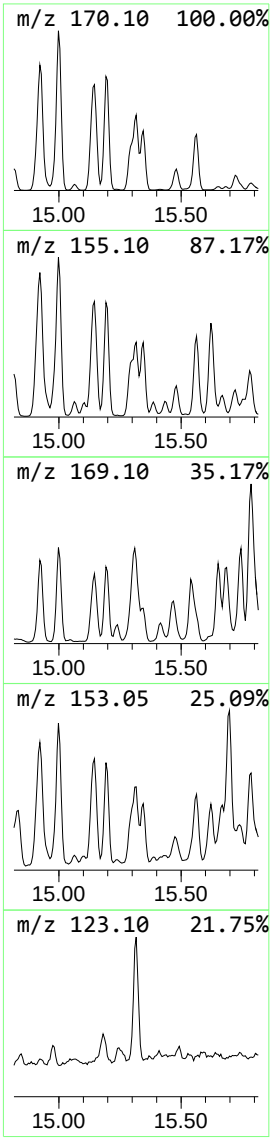
Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	16.89 ng	3000510	Acenaphthene-d10	14.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

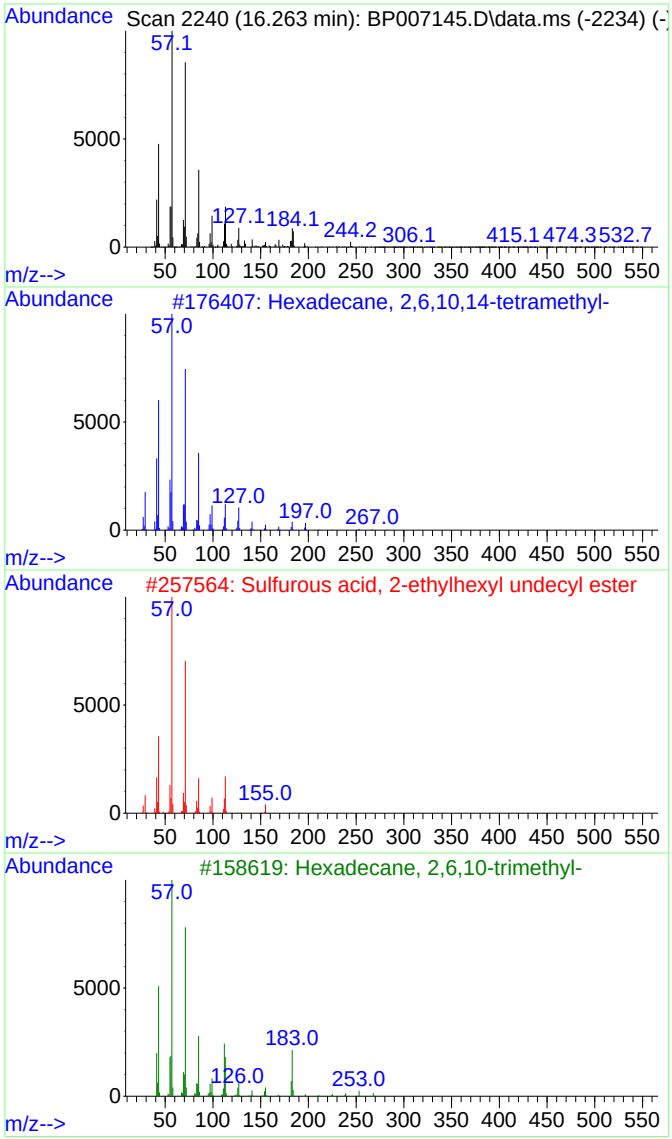
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

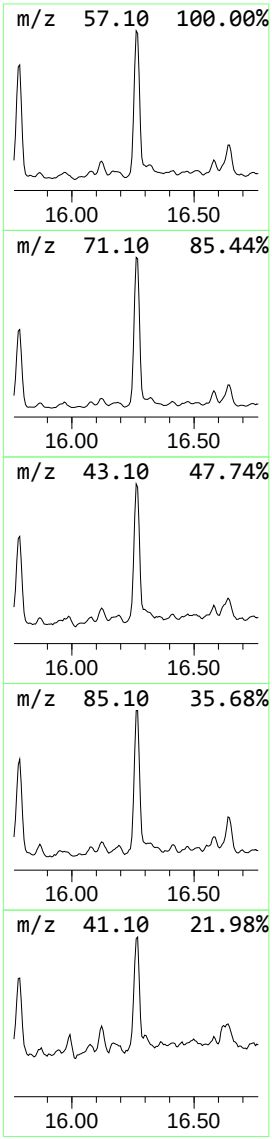
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.263	33.68 ng	7429960	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72





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Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

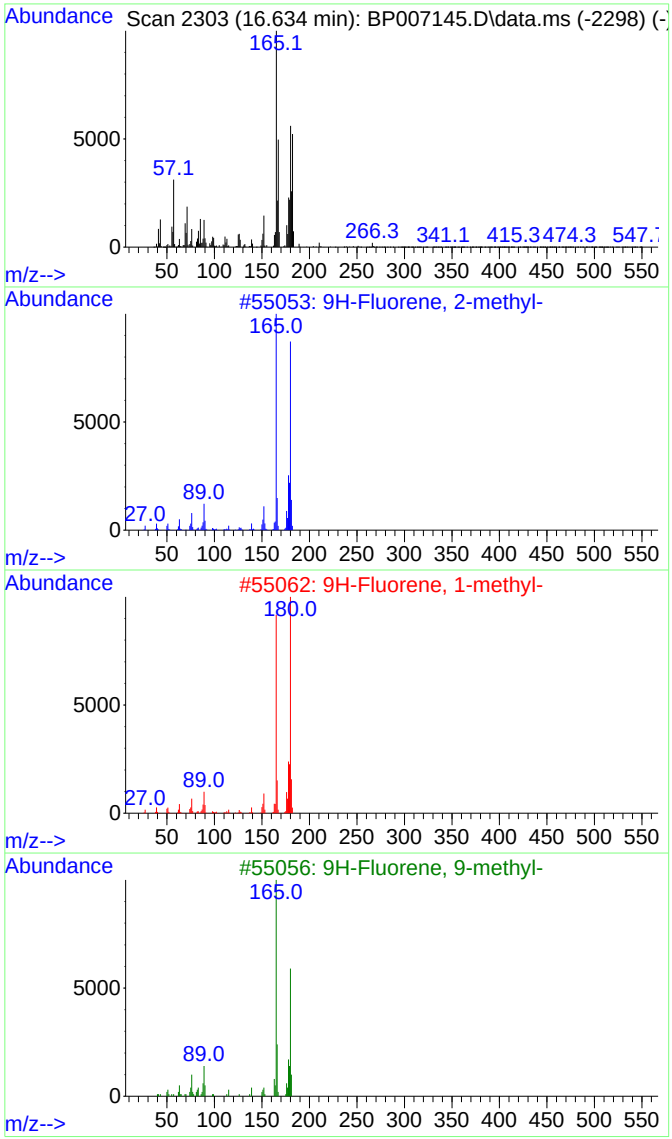
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

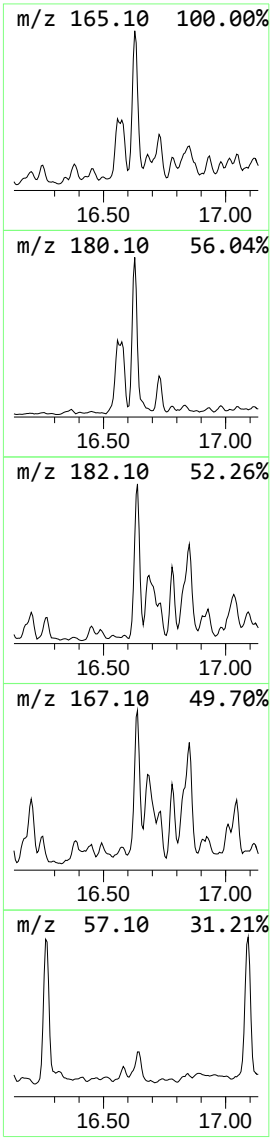
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.634	16.67 ng	3677010	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43





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Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(5-7)

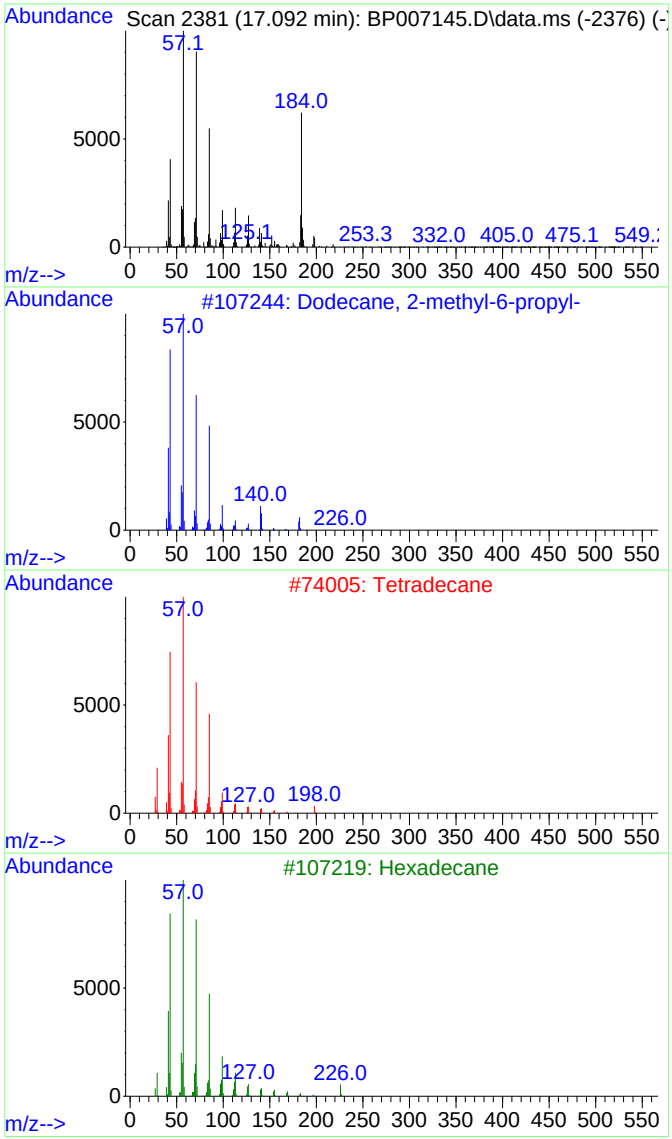
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

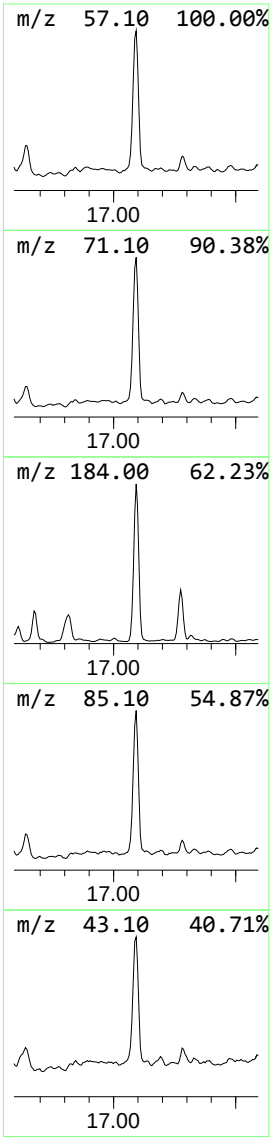
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	41.84 ng	9228670	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
2	Tetradecane	198	C14H30	000629-59-4	62
3	Hexadecane	226	C16H34	000544-76-3	62
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	62
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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

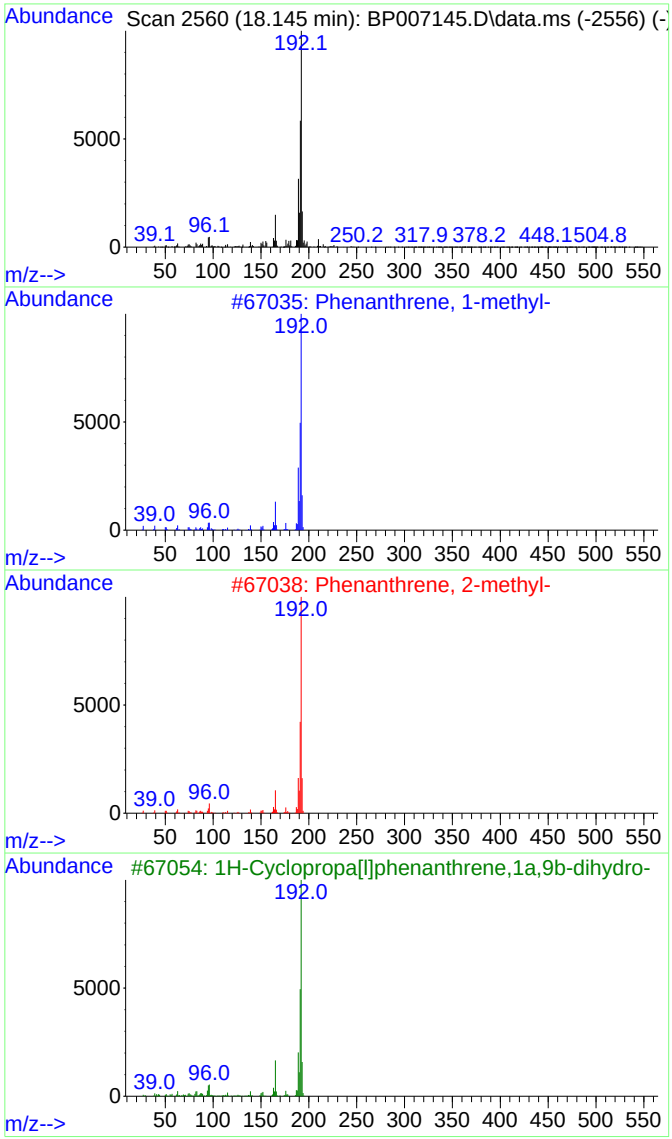
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

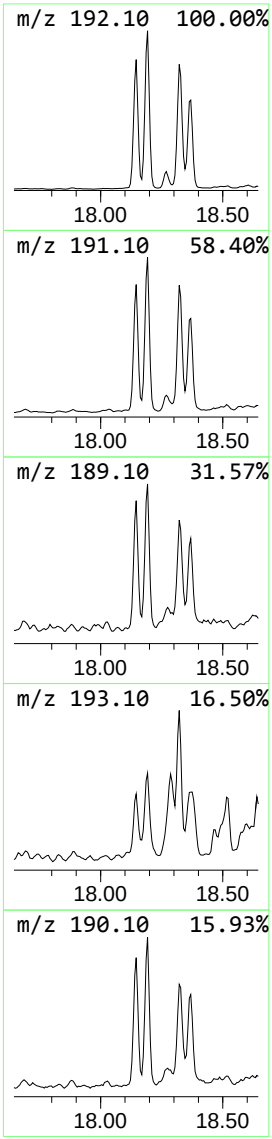
****

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	18.69 ng	4122680	Phenanthrene-d10	17.275

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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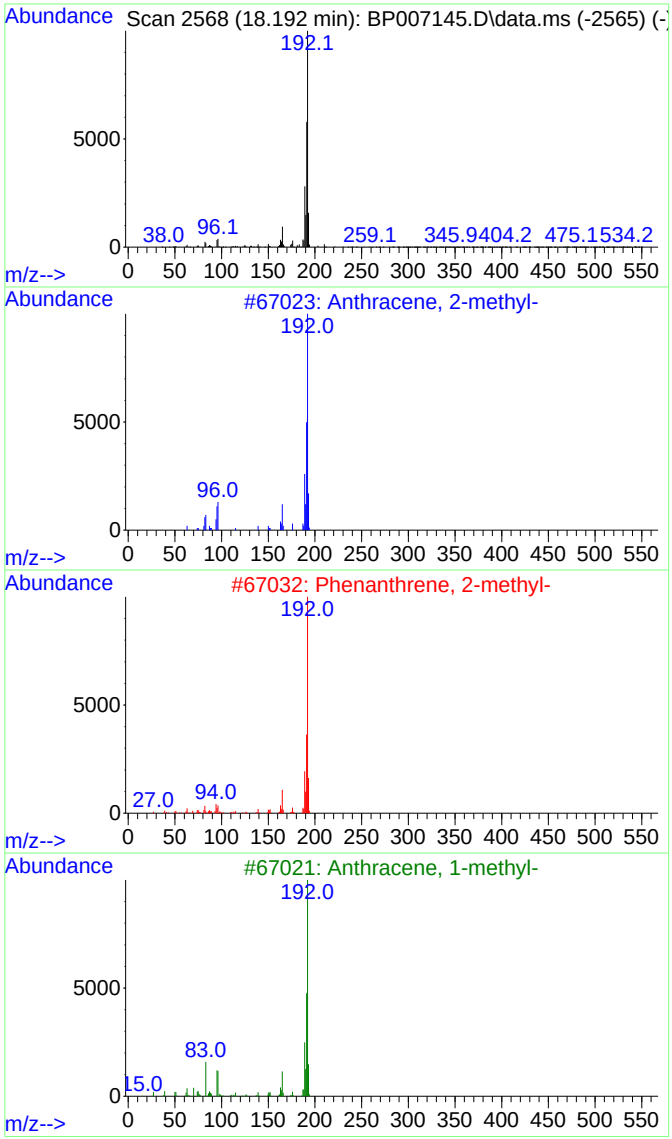
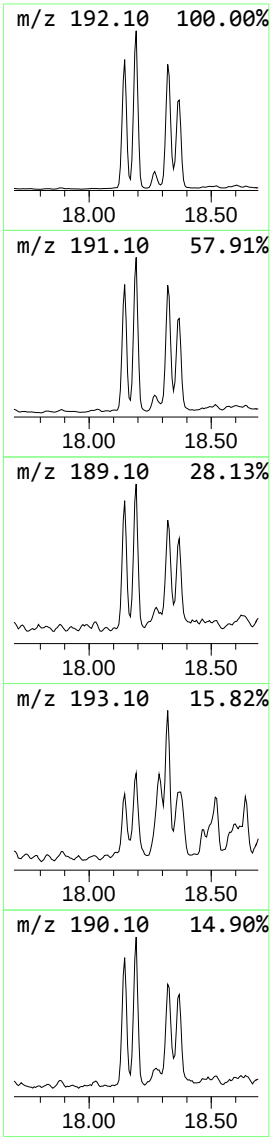
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	18.17 ng	4007140	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

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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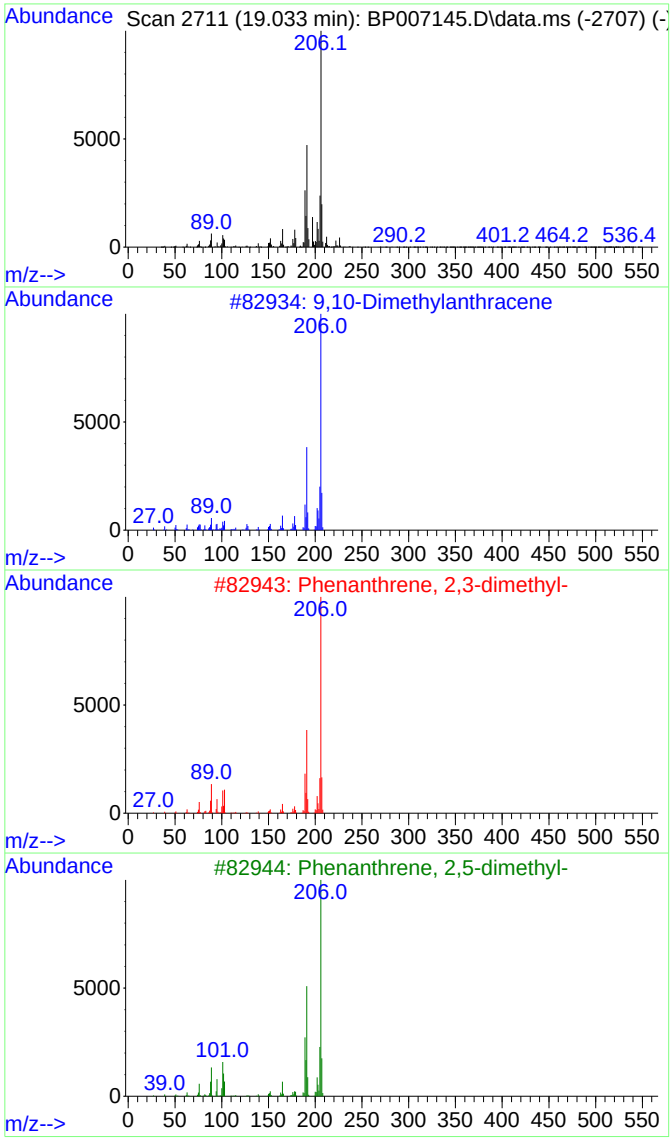
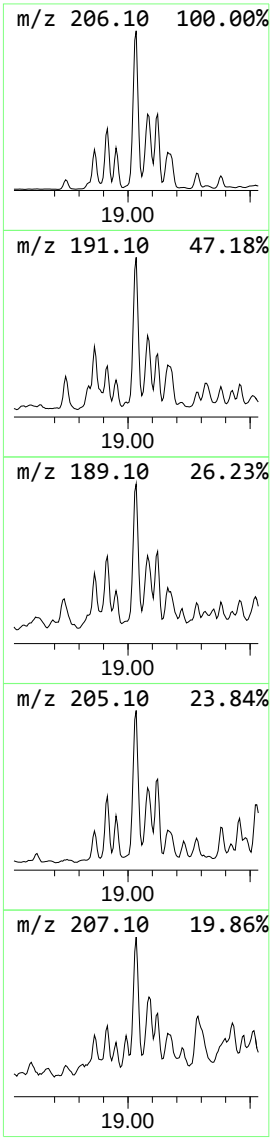
Peak Number 19 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	21.80 ng	4808280	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SUP-UST-03-(5-7)

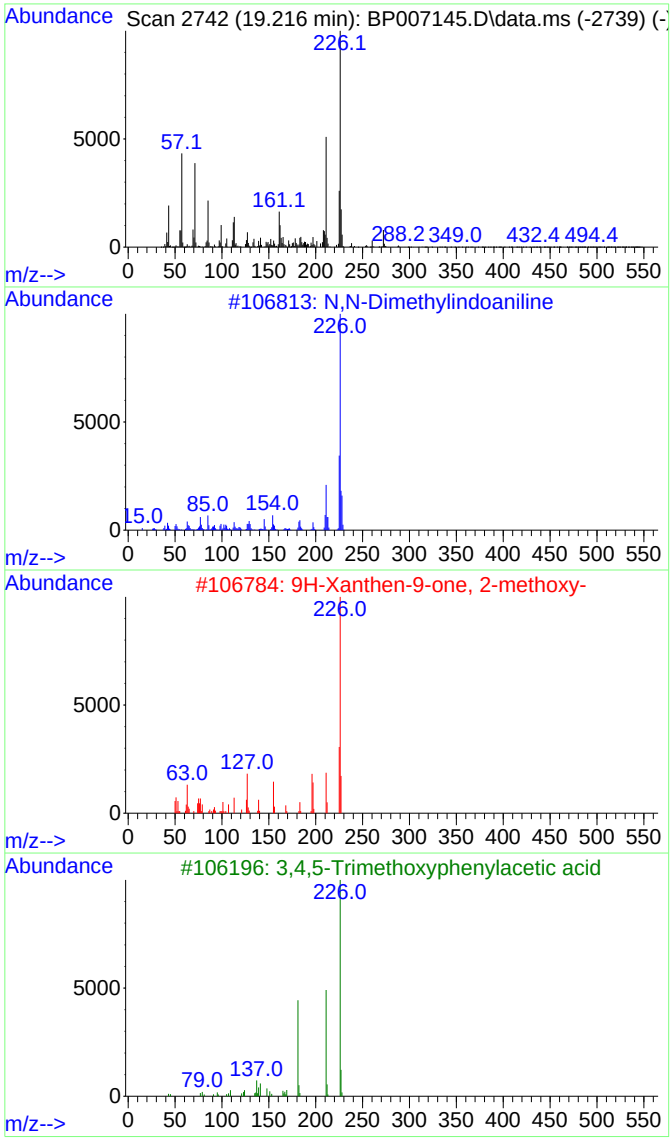
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

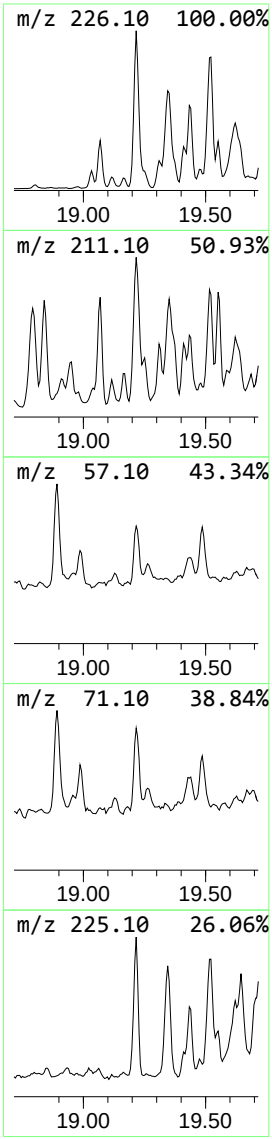
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 N,N-Dimethylindoaniline Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	16.06 ng	3542380	Phenanthrene-d10	17.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	55
2	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	46
3	3,4,5-Trimethoxyphenylacetic acid	226	C11H14O5	000951-82-6	46
4	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	45
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007145.D
Acq On : 24 Sep 2021 02:42
Operator : CG/JU
Sample : M3889-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SUP-UST-03-(5-7)

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	14.5	ng	2056760	1	7.893	2844900	20.0
Dodecane, 2,6,1...	13.069	20.8	ng	3698570	3	14.522	3552560	20.0
Naphthalene, 1,...	13.704	38.4	ng	6827080	3	14.522	3552560	20.0
Naphthalene, 2,...	13.851	28.2	ng	5009140	3	14.522	3552560	20.0
Naphthalene, 1,...	13.898	16.4	ng	2917100	3	14.522	3552560	20.0
Tridecane	14.010	19.0	ng	3377400	3	14.522	3552560	20.0
Naphthalene, 1,...	14.081	17.4	ng	3095230	3	14.522	3552560	20.0
Naphthalene, 1,...	14.922	30.3	ng	5388850	3	14.522	3552560	20.0
Naphthalene, 1,...	14.998	21.1	ng	3756810	3	14.522	3552560	20.0
unknown15.051	15.051	17.8	ng	3162810	3	14.522	3552560	20.0
Naphthalene, 2,...	15.145	21.9	ng	3886350	3	14.522	3552560	20.0
Naphthalene, 1,...	15.192	15.2	ng	2694320	3	14.522	3552560	20.0
4,6,8-Trimethyl...	15.316	16.9	ng	3000510	3	14.522	3552560	20.0
Hexadecane, 2,6...	16.263	33.7	ng	7429960	4	17.275	4411620	20.0
9H-Fluorene, 2-...	16.634	16.7	ng	3677010	4	17.275	4411620	20.0
Dodecane, 2-met...	17.092	41.8	ng	9228670	4	17.275	4411620	20.0
Phenanthrene, 1...	18.145	18.7	ng	4122680	4	17.275	4411620	20.0
Anthracene, 2-m...	18.192	18.2	ng	4007140	4	17.275	4411620	20.0
9,10-Dimethylan...	19.033	21.8	ng	4808280	4	17.275	4411620	20.0
N,N-Dimethylind...	19.216	16.1	ng	3542380	4	17.275	4411620	20.0