LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.264	398	404	410	rBV2	2544166	3949513	14.86%	0.709%
2	6.840	668	672	679	rVB	2171302	3809914	14.34%	0.684%
3	7.652	804	810	815	rVB	1299298	2448845	9.21%	0.440%
4	8.763	989	999	1003	rBV2	3032141	6618150	24.90%	1.188%
5	8.840	1009	1012	1021	rVB2	1191584	2706740	10.19%	0.486%
6	9.016	1031	1042	1048	rVB9	1763578	6324002	23.80%	1.135%
7	9.105	1048	1057	1060	rBV3	995394	2561502	9.64%	0.460%
8	9.287	1083	1088	1091	rBV	1861015	2785914	10.48%	0.500%
9	9.375	1099	1103	1110	rVB4	1889942	3337681	12.56%	0.599%
10	9.546	1121	1132	1136	rBV3	1774152	4661306	17.54%	0.837%
11	9.640	1142	1148	1155	rVV4	2424267	6216620	23.39%	1.116%
12	9.846	1178	1183	1189	rVV2	2290232	4317707	16.25%	0.775%
13	10.046	1207	1217	1229	rBV9	1319157	5372695	20.22%	0.964%
14	10.157	1230	1236	1240	rBV	2284057	3782053	14.23%	0.679%
15	10.363	1267	1271	1275	rVV2	1763793	3054498	11.49%	0.548%
16	10.434	1275	1283	1288	rVV2	4219127	10943375	41.18%	1.964%
17	10.493	1288	1293	1301	rVV3	4179225	10960130	41.24%	1.967%
18	10.563	1301	1305	1312	rVV2	3027439	6248062	23.51%	1.121%
19	10.634	1312	1317	1320	rVV2	2356790	3977763	14.97%	0.714%
20	10.669	1320	1323	1332	rVV2	1779970	3835860	14.43%	0.688%
21	11.104	1394	1397	1400	rVV	1865545	2813659	10.59%	0.505%
22	11.163	1400	1407	1412	rVB5	2314652	6300203	23.71%	1.131%
23	11.234	1412	1419	1424	rBV2	1691220	3833465	14.42%	0.688%
24	11.363	1436	1441	1446	rVB	2834382	4684322	17.63%	0.841%
25	11.504	1459	1465	1469	rBV2	3324518	7240087	27.24%	1.300%
26	11.928	1531	1537	1540	rBV5	1433393	3096797	11.65%	0.556%
27	12.110	1565	1568	1578	rVB2	3780731	7567252	28.47%	1.358%
28	12.222	1579	1587	1590	rBV6	1422744	3672804	13.82%	0.659%
29	12.340	1601	1607	1611	rBV2	5750659	10211027	38.42%	1.833%
30	12.428	1619	1622	1630	rVB2	2001478	3549825	13.36%	0.637%
31	12.657	1658	1661	1669	rVB5	1612061	2888926	10.87%	0.519%
32	12.734	1670	1674	1681	rVB8	1409290	3412200	12.84%	0.612%
33	12.869	1693	1697	1701	rVV	2839599	5002221	18.82%	0.898%
34	12.922	1701	1706	1710	rVB	3069450	5353771	20.15%	0.961%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

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\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.969	1710	1714	1724	rBV5	1122375	2376365	8.94%	0.427%
36	13.246	1757	1761	1767	rVB	2373832	3817035	14.36%	0.685%
37	13.475	1794	1800	1802	rBV6	5469832	10103449	38.02%	1.813%
38	13.646	1822	1829	1833	rBV	8236525	15760714	59.31%	2.829%
39	13.693	1833	1837	1841	rVB	4189620	5859942	22.05%	1.052%
40	13.746	1842	1846	1850	rVB	2743985	3477727	13.09%	0.624%
41	13.822	1854	1859	1862	rBV3	2483535	3909331	14.71%	0.702%
42	13.875	1862	1868	1871	rBV	4440576	7166705	26.97%	1.286%
43	14.034	1891	1895	1899	rBV2	3722140	5882827	22.14%	1.056%
44	14.151	1912	1915	1923	rVB2	1837411	3167627	11.92%	0.569%
45	14.310	1935	1942	1947	rBV7	2442333	5012972	18.86%	0.900%
46	14.363	1948	1951	1955	rVV2	1992864	3256675	12.25%	0.585%
47	14.404	1955	1958	1962	rVV3	1845635	2497473	9.40%	0.448%
48	14.445	1962	1965	1972	rVB	1651557	2724478	10.25%	0.489%
49	14.528	1973	1979	1988	rBV	4912248	12755193	48.00%	2.289%
50	14.610	1990	1993	1999	rVB4	2118449	3009542	11.32%	0.540%
51	14.728	2005	2013	2018	rVB2	6798749	14658990	55.16%	2.631%
52	14.804	2019	2026	2031	rVB	7490766	12204754	45.93%	2.191%
53	14.863	2032	2036	2044	rVB7	2091625	3668127	13.80%	0.658%
54	14.945	2044	2050	2054	rBV	5608184	10279990	38.68%	1.845%
55	14.998	2054	2059	2063	rVB	6339884	9347986	35.18%	1.678%
56	15.116	2071	2079	2081	rBV3	3984559	9250955	34.81%	1.660%
57	15.145	2081	2084	2089	rVB2	3526402	4532952	17.06%	0.814%
58	15.275	2103	2106	2111	rVB2	1966909	2986161	11.24%	0.536%
59	15.363	2115	2121	2125	rVB3	3259961	5554650	20.90%	0.997%
60	15.422	2125	2131	2134	rBV3	3180786	6191050	23.30%	1.111%
61	15.492	2139	2143	2146	rVV2	5807214	8775268	33.02%	1.575%
62	15.528	2146	2149	2155	rVV4	2160957	4000141	15.05%	0.718%
63	15.587	2155	2159	2166	rVV5	3446873	8551797	32.18%	1.535%
64	15.651	2166	2170	2174	rVV4	1822603	3341252	12.57%	0.600%
65	15.687	2174	2176	2181	rVB	2973605	3695736	13.91%	0.663%
66	15.745	2182	2186	2189	rBV4	1340606	2636652	9.92%	0.473%
67	15.887	2205	2210	2221	rVB4	2926372	6412337	24.13%	1.151%
68	16.051	2234	2238	2241	rBV	3159594	4404519	16.57%	0.791%
69	16.087	2241	2244	2248	rVB	3420779	4433679	16.68%	0.796%
70	16.187	2257	2261	2265	rBV	2698438	3553264	13.37%	0.638%
71	16.369	2287	2292	2297	rVB6	2187554	4903415	18.45%	0.880%

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Misc :
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Instrument : BNA_P
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Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.434	2297	2303	2307	rBV2	5604504	9606652	36.15%	1.724%
73	16.581	2324	2328	2331	rBV3	2078573	3314181	12.47%	0.595%
74	16.904	2376	2383	2390	rVB5	2788906	7548413	28.40%	1.355%
75	17.110	2413	2418	2422	rBV	5937729	7929379	29.84%	1.423%
76	17.275	2440	2446	2450	rBV3	1960668	4187514	15.76%	0.752%
77	17.475	2477	2480	2485	rBV5	1289737	2441518	9.19%	0.438%
78	17.645	2503	2509	2513	rBV2	2707239	4753345	17.89%	0.853%
79	17.786	2529	2533	2539	rBV	1628519	3102123	11.67%	0.557%
80	17.939	2555	2559	2563	rBV	4859151	6772821	25.49%	1.216%
81	17.986	2563	2567	2573	rVB	5694790	8403888	31.62%	1.508%
82	18.122	2586	2590	2594	rVV2	3403754	4618062	17.38%	0.829%
83	18.163	2594	2597	2604	rVB	2528263	3859146	14.52%	0.693%
84	18.334	2622	2626	2631	rVB3	1686883	3028653	11.40%	0.544%
85	18.675	2674	2684	2688	rBV2	15639890	26575322	100.00%	4.770%
86	18.722	2688	2692	2696	rVV	2825692	4828774	18.17%	0.867%
87	18.798	2701	2705	2708	rVV	2339567	3113724	11.72%	0.559%
88	18.839	2708	2712	2716	rVV	5288706	7648899	28.78%	1.373%
89	18.886	2716	2720	2724	rVV2	2030888	3849151	14.48%	0.691%
90	18.963	2729	2733	2739	rBV	1596556	2464433	9.27%	0.442%
91	19.086	2749	2754	2759	rBV	4177909	5928978	22.31%	1.064%
92	19.145	2759	2764	2768	rVB2	6349903	8116141	30.54%	1.457%
93	19.433	2809	2813	2822	rVV2	3910474	8615122	32.42%	1.546%
94	19.516	2822	2827	2831	rVB	2572284	3879190	14.60%	0.696%
95	19.628	2843	2846	2850	rVB	4395514	5340385	20.10%	0.959%
96	21.145	3098	3104	3108	rBV3	2543319	5322600	20.03%	0.955%
97	21.180	3108	3110	3120	rVB	1824098	2334672	8.79%	0.419%
98	22.716	3366	3371	3376	rBV	1502785	3168086	11.92%	0.569%
99	23.192	3448	3452	3460	rVB	1164620	2320434	8.73%	0.416%
100	23.286	3464	3468	3478	rVB	1258538	2370200	8.92%	0.425%

Sum of corrected areas: 557142425

LSC Report - Integrated Chromatogram

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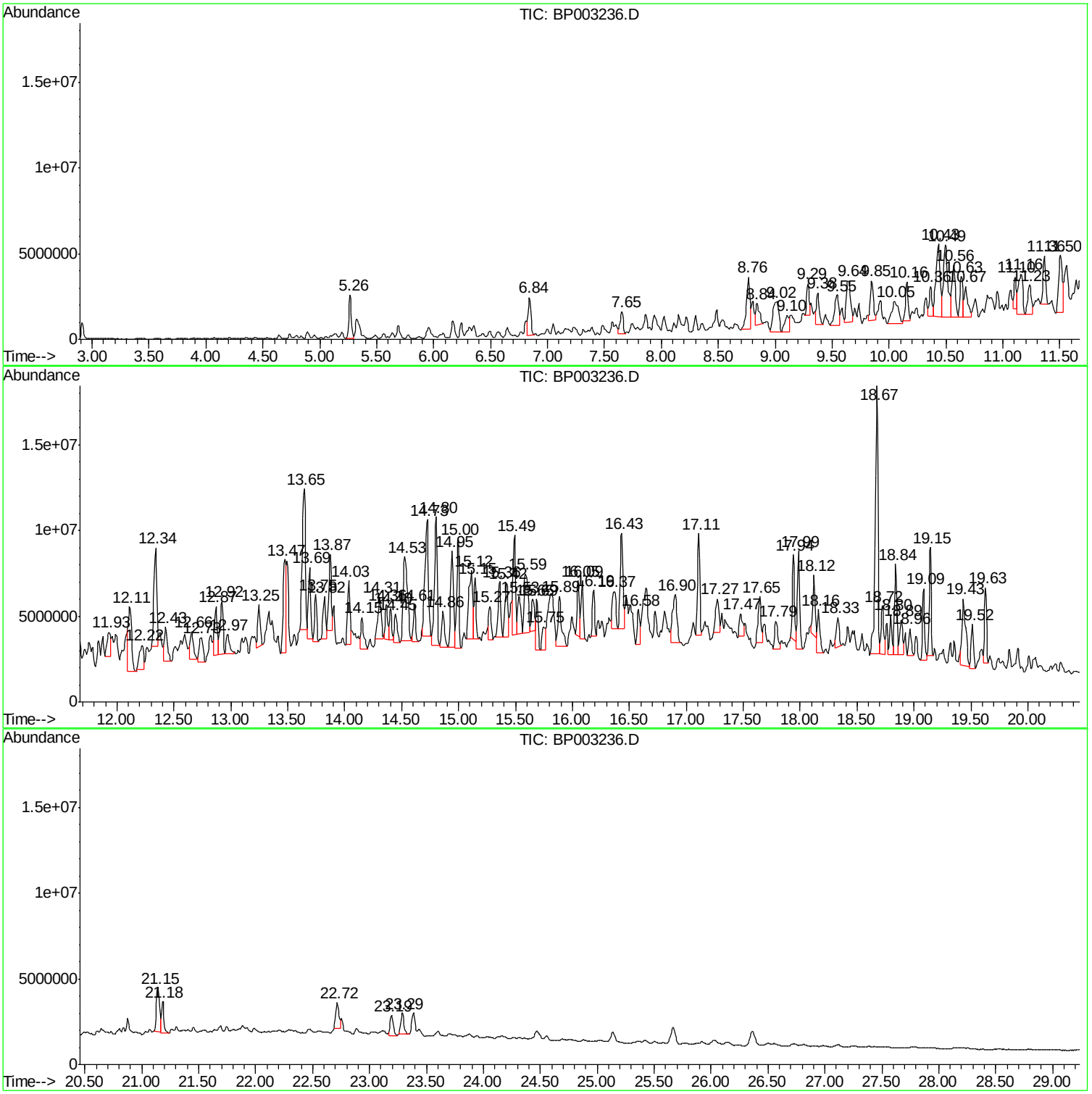
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
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Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

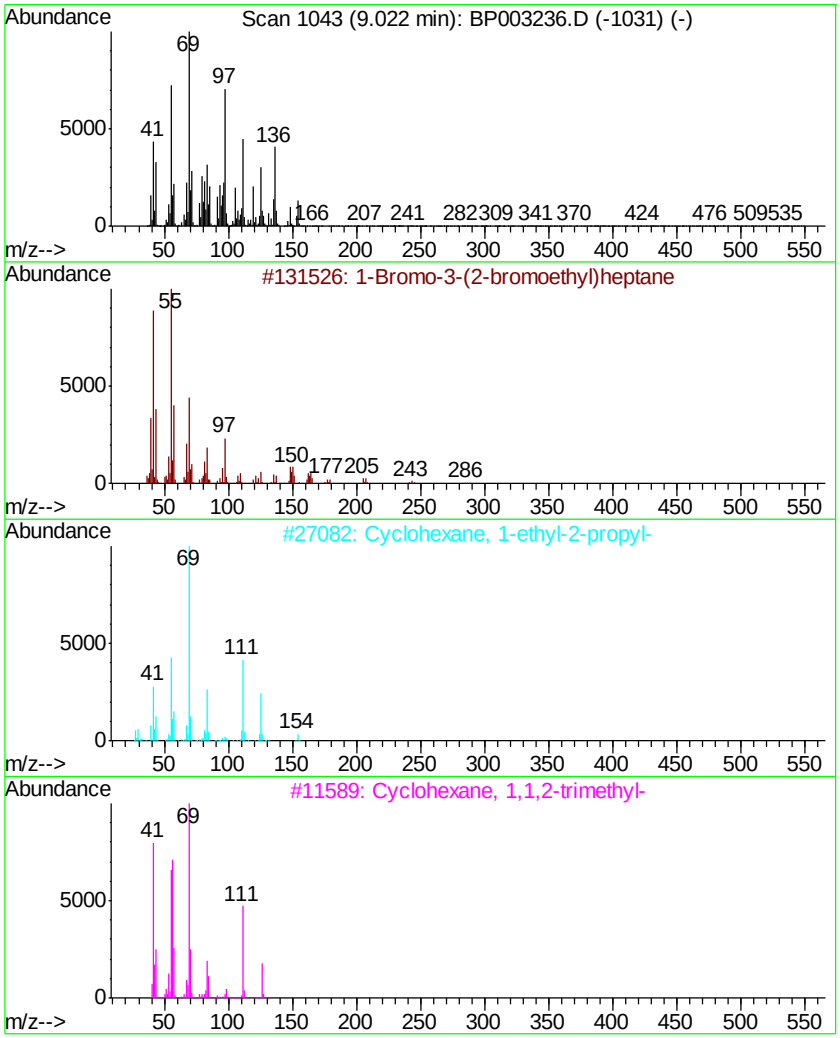
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

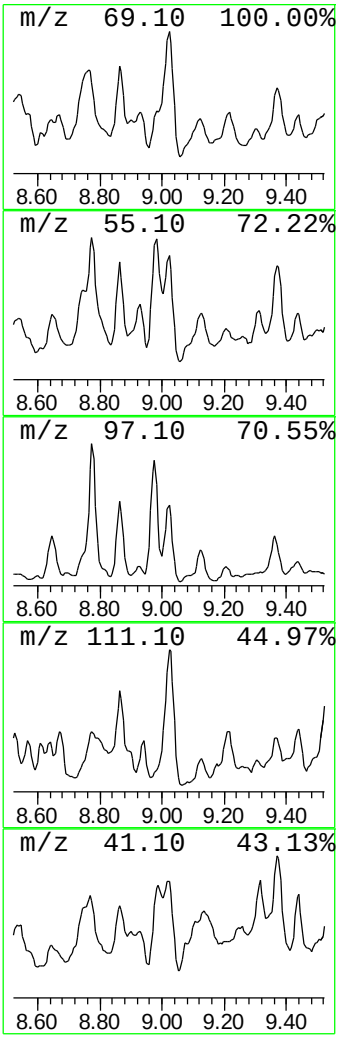
****

Peak Number 1 unknown9.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	51.65 ng	6324000	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-3-(2-bromoethyl)heptane	284	C9H18Br2	070928-47-1	44
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	41
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
4	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	30
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	27





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Operator : CG/JU
Sample : L3915-13
Misc :
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Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

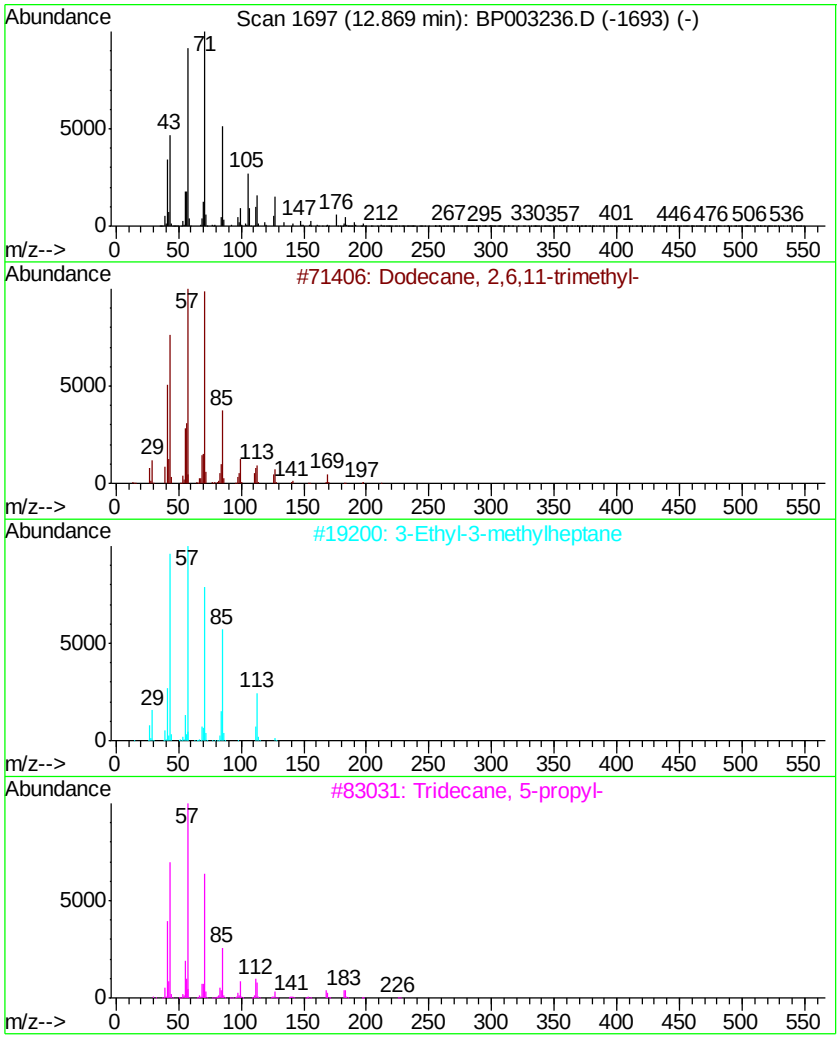
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

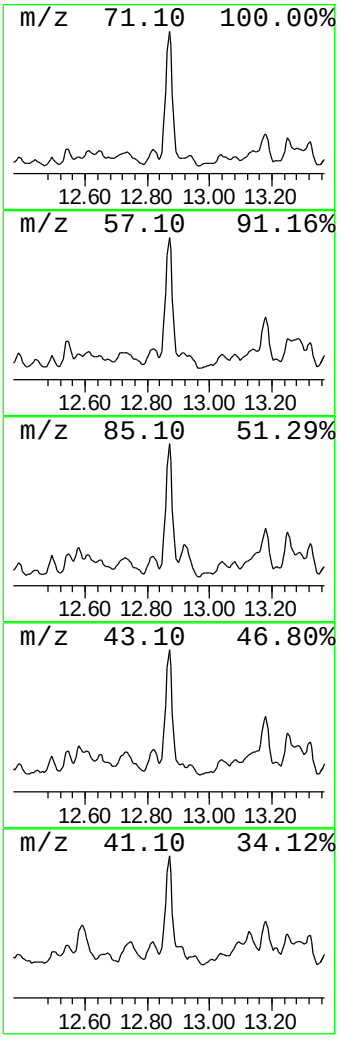
****

Peak Number 2 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	19.96 ng	5002220	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	52





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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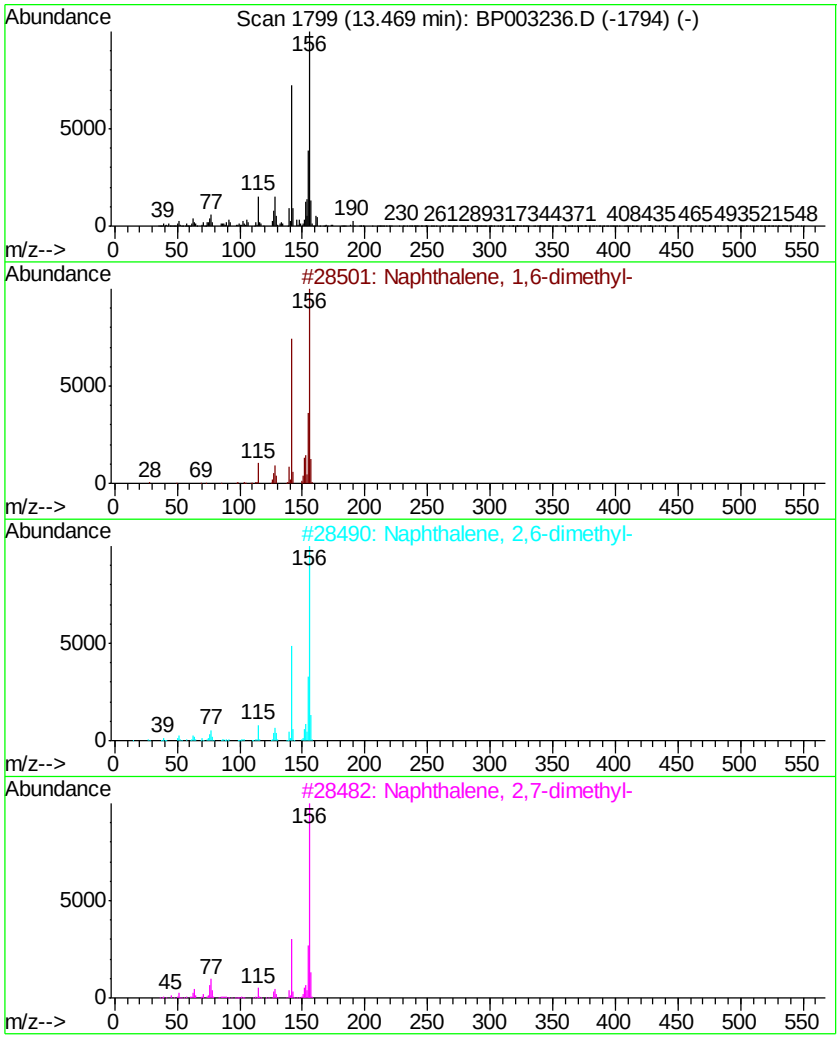
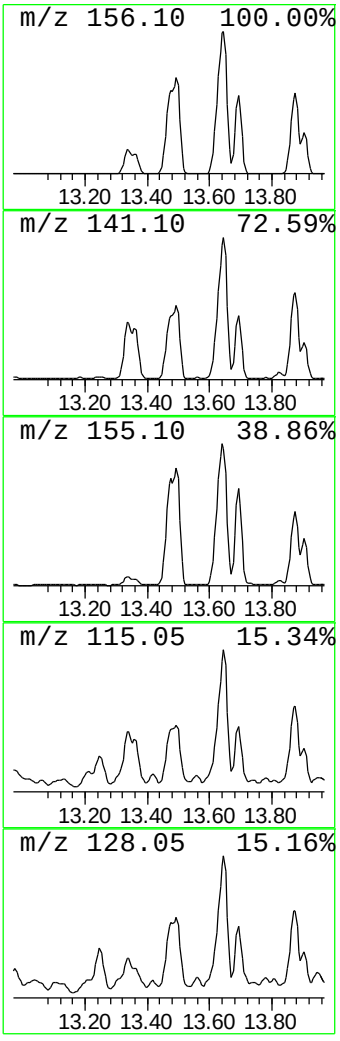
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	40.31 ng	10103400	Acenaphthene-d10	14.31

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, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

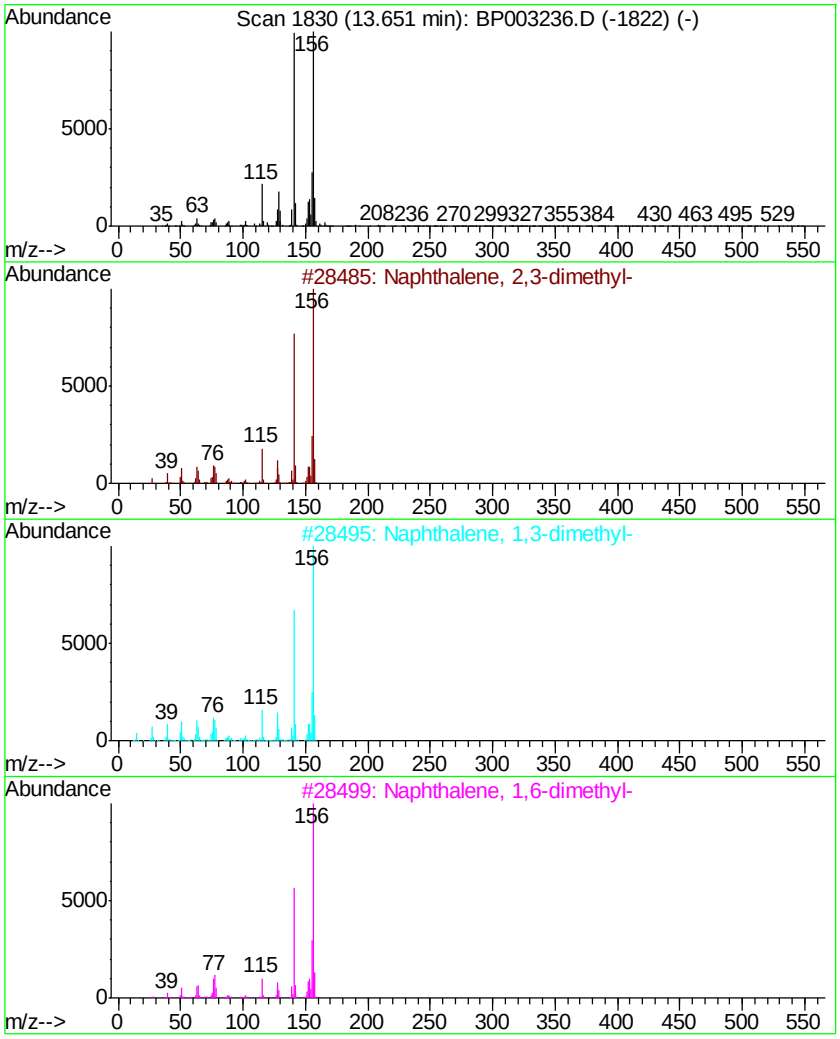
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

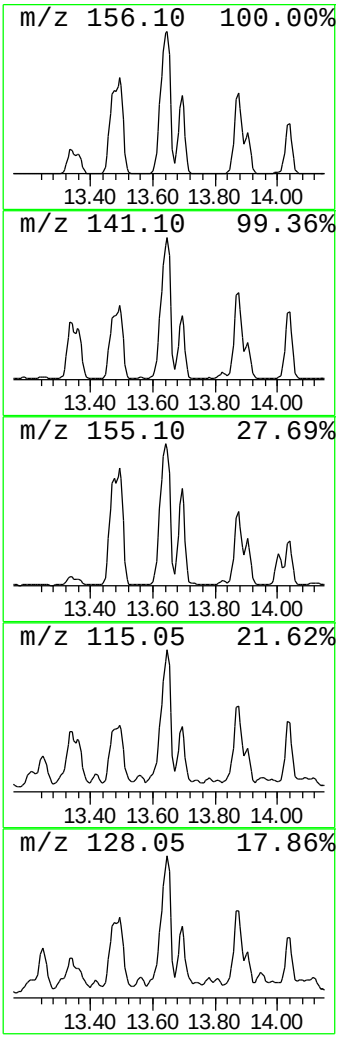
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	62.88 ng	15760700	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Misc :
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Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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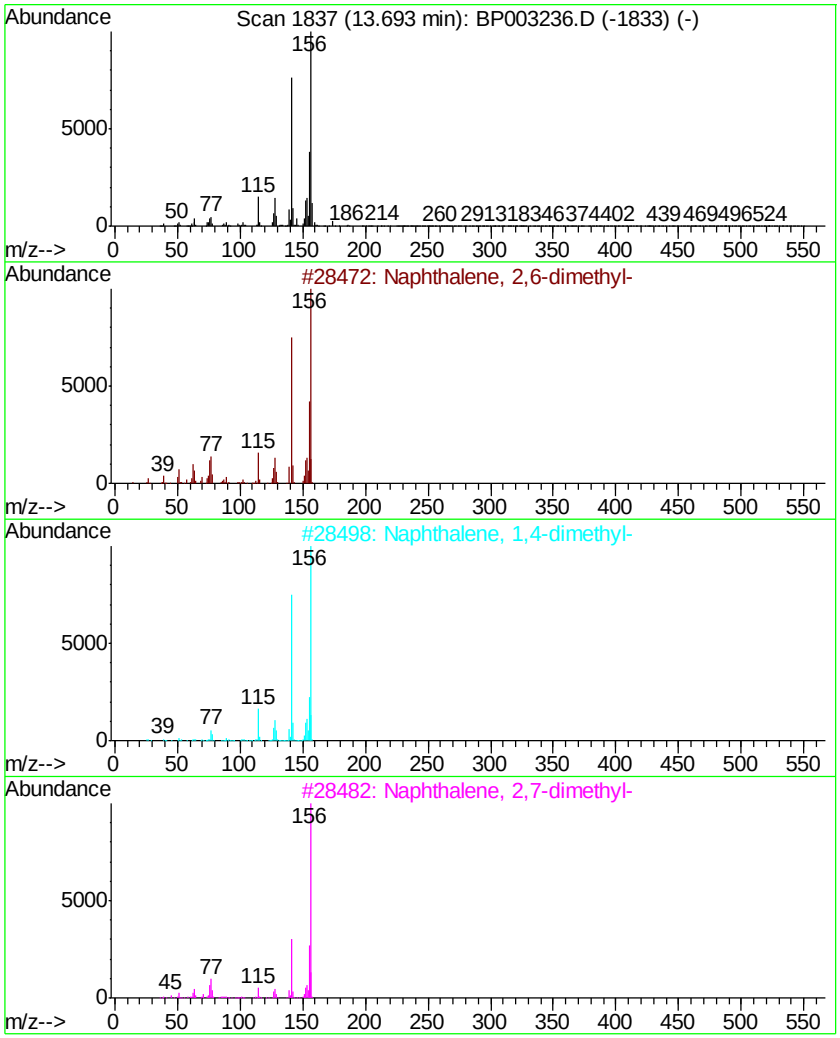
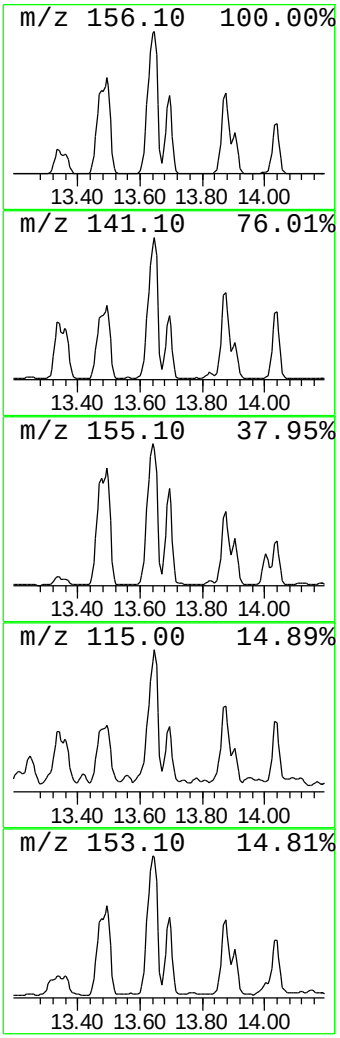
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	23.38 ng	5859940	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	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, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

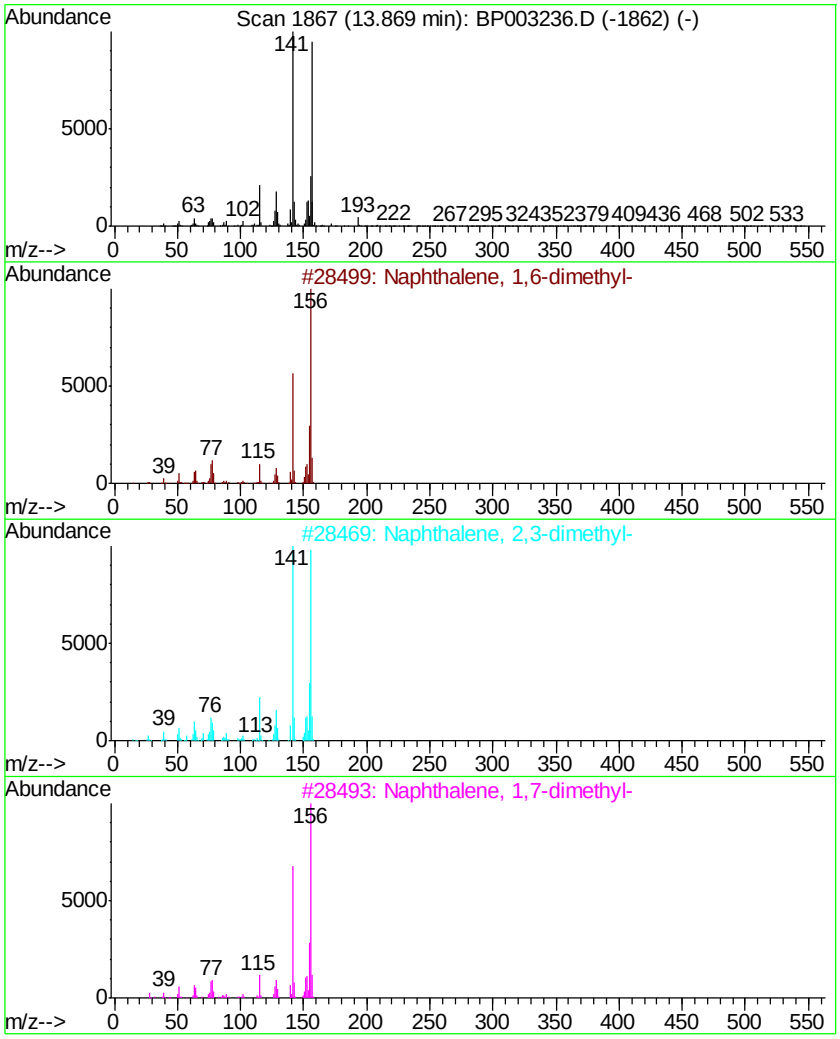
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

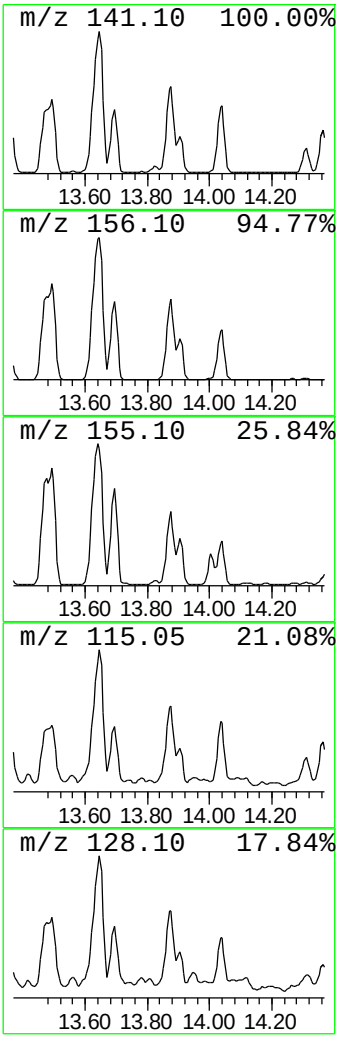
****

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	28.59 ng	7166710	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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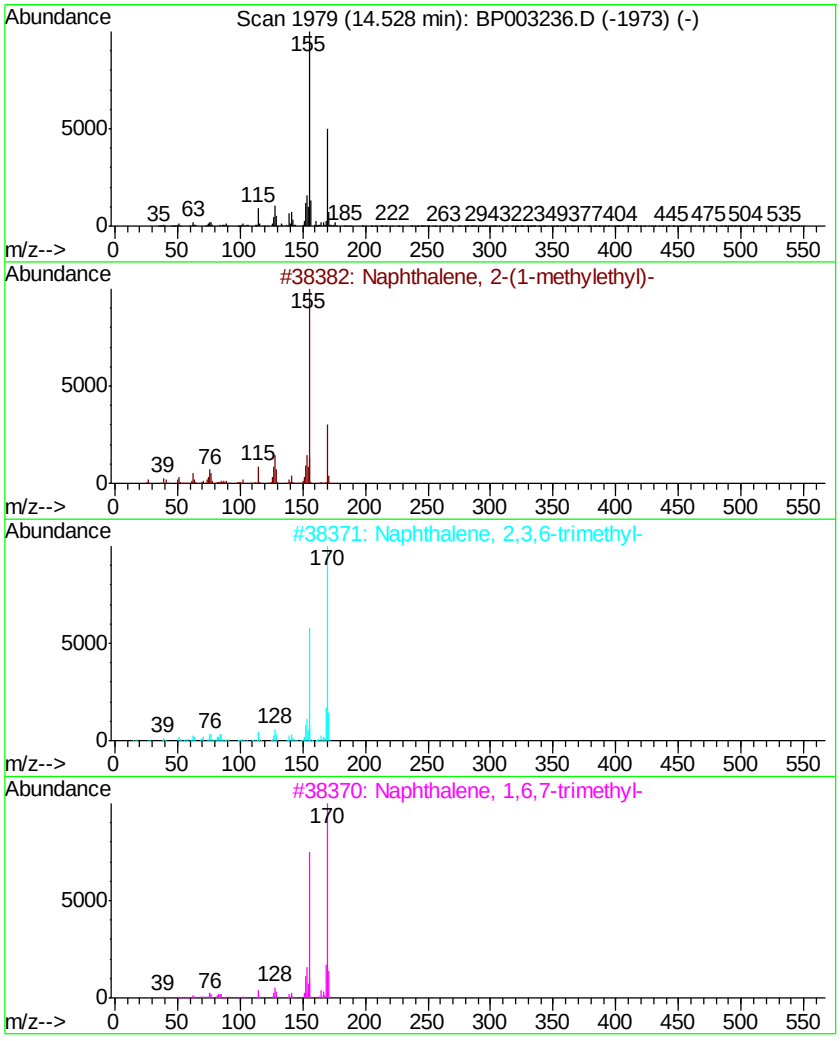
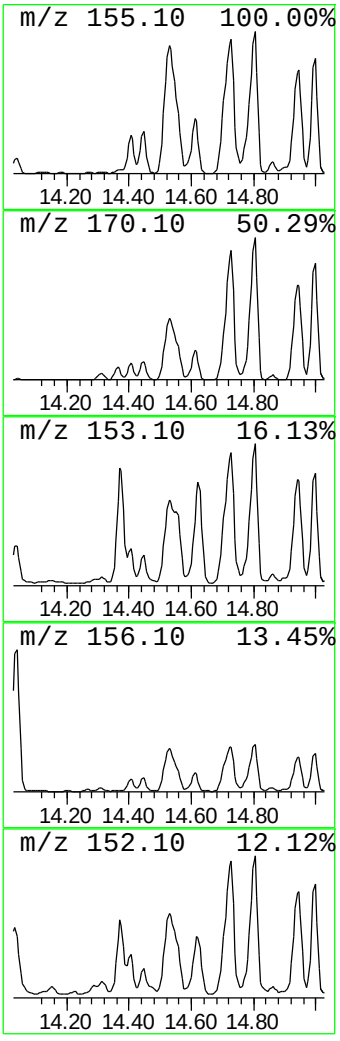
Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	50.89 ng	12755200	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76





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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

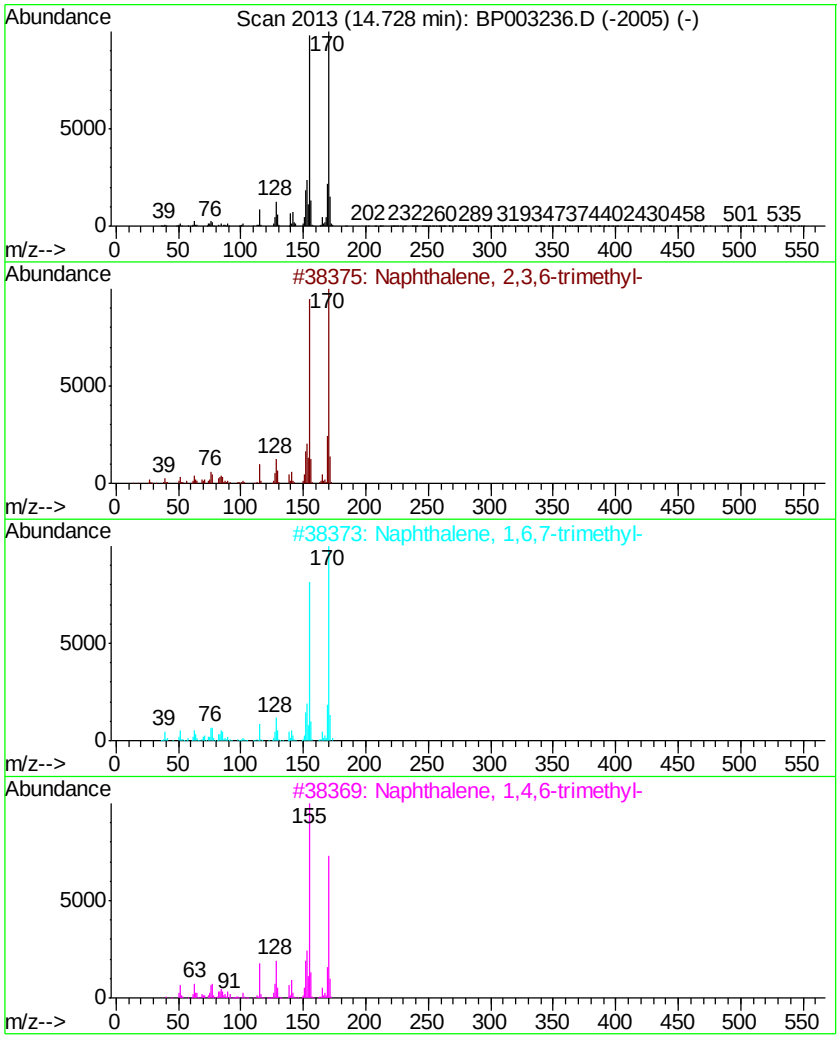
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

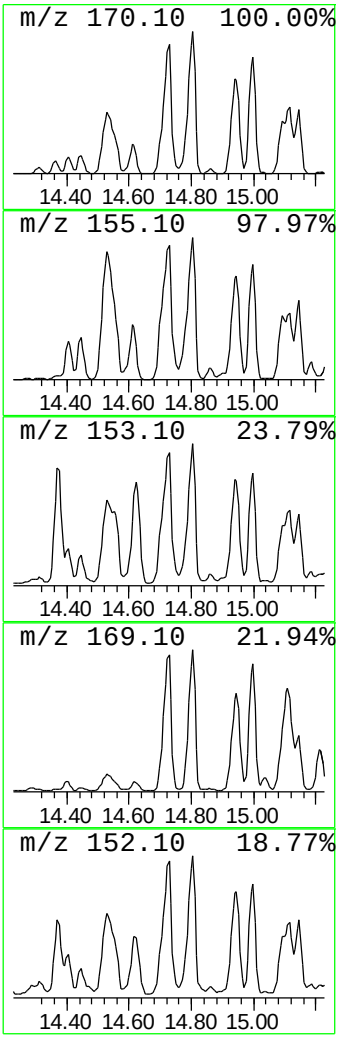
****

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	58.48 ng	14659000	Acenaphthene-d10	14.31

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	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

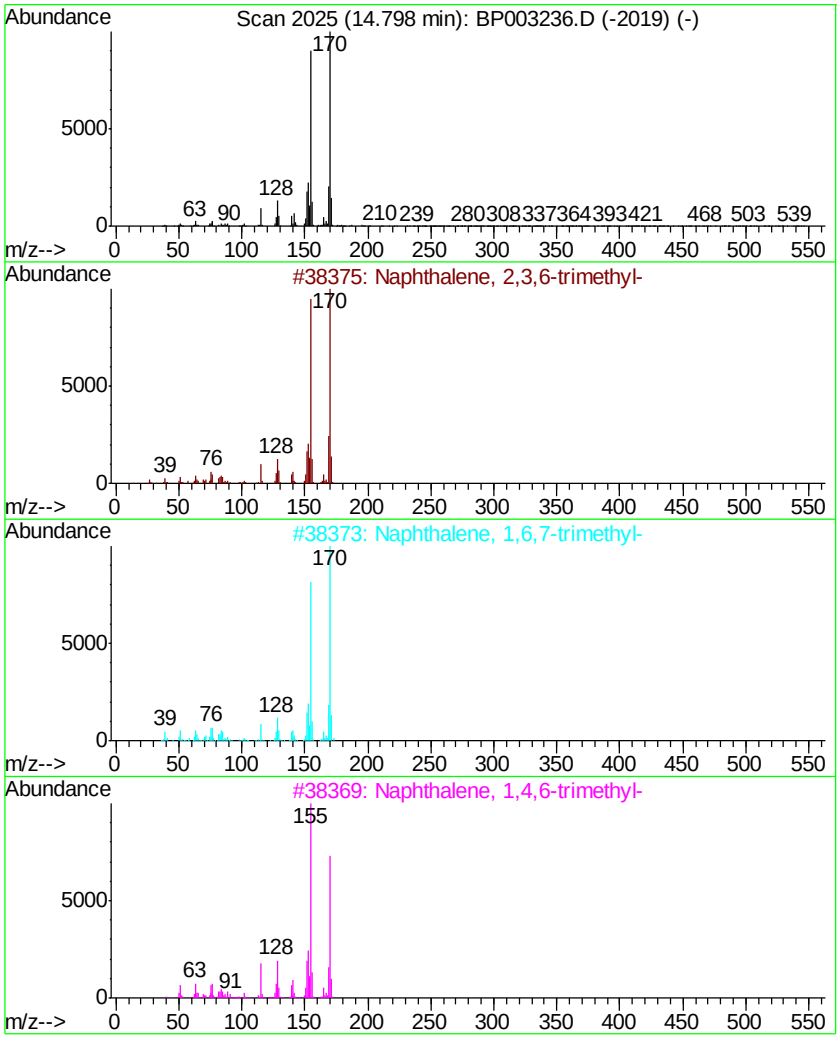
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

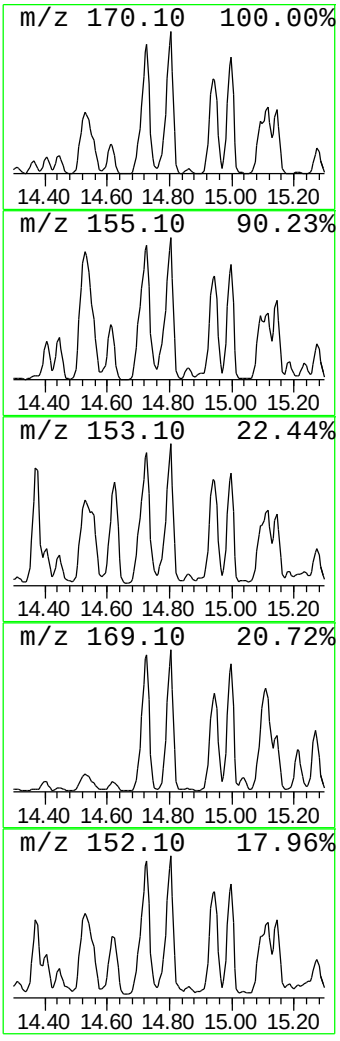
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	48.69 ng	12204800	Acenaphthene-d10	14.31

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	96
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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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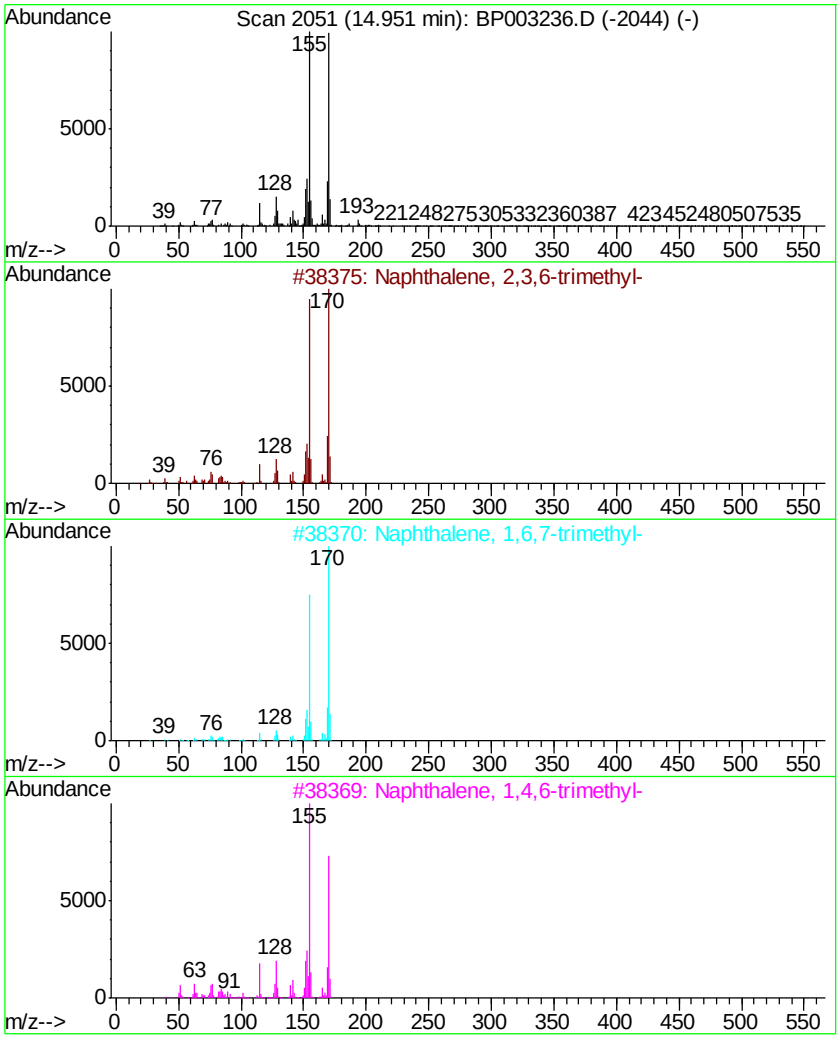
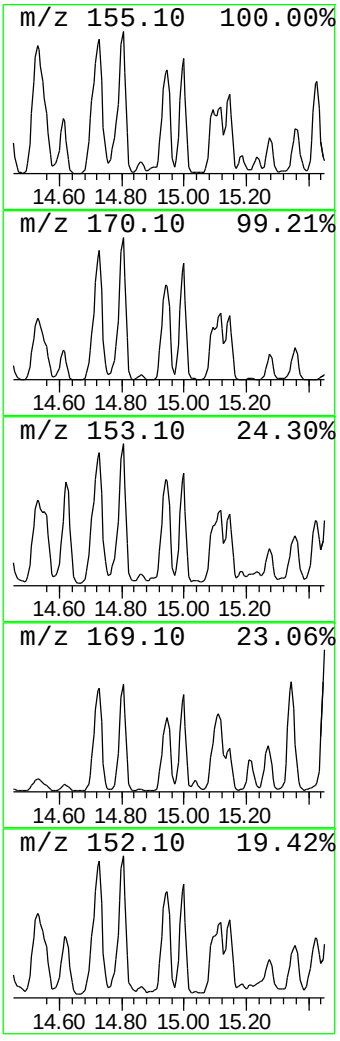
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	41.01 ng	10280000	Acenaphthene-d10	14.31

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	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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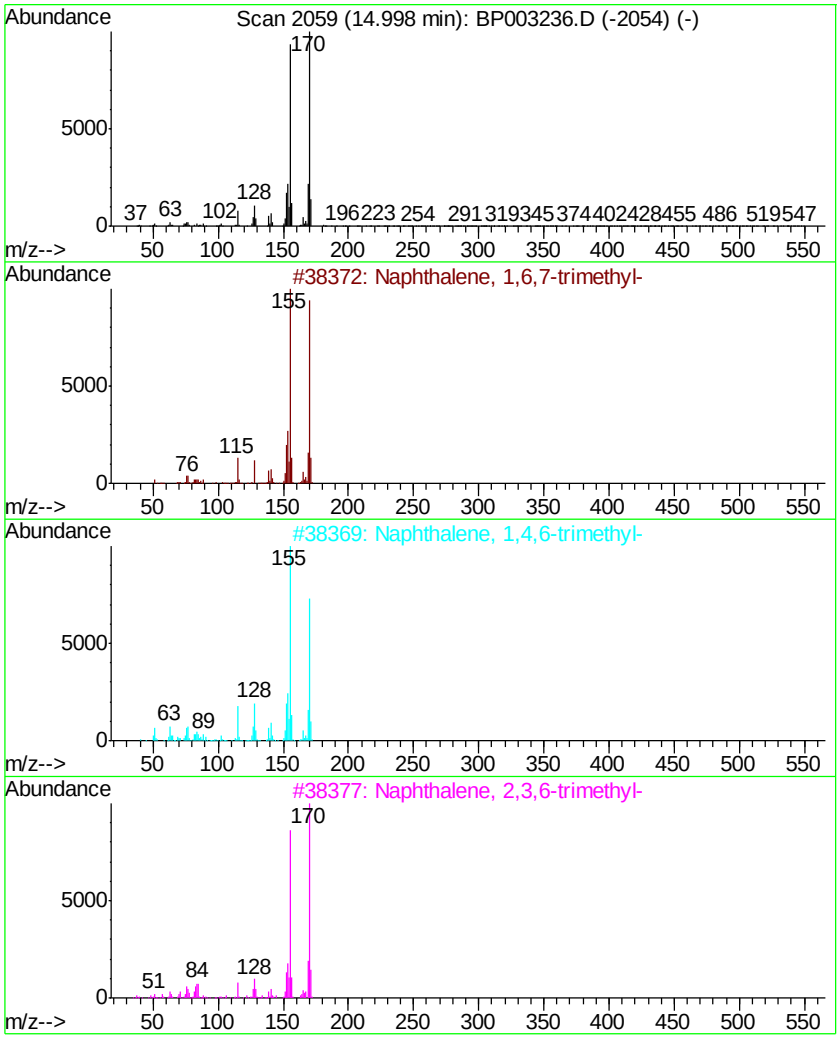
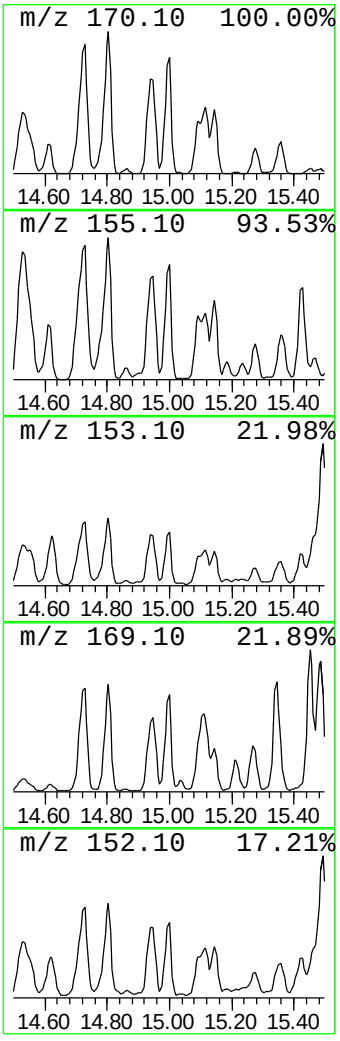
Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	37.30 ng	9347990	Acenaphthene-d10	14.31

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	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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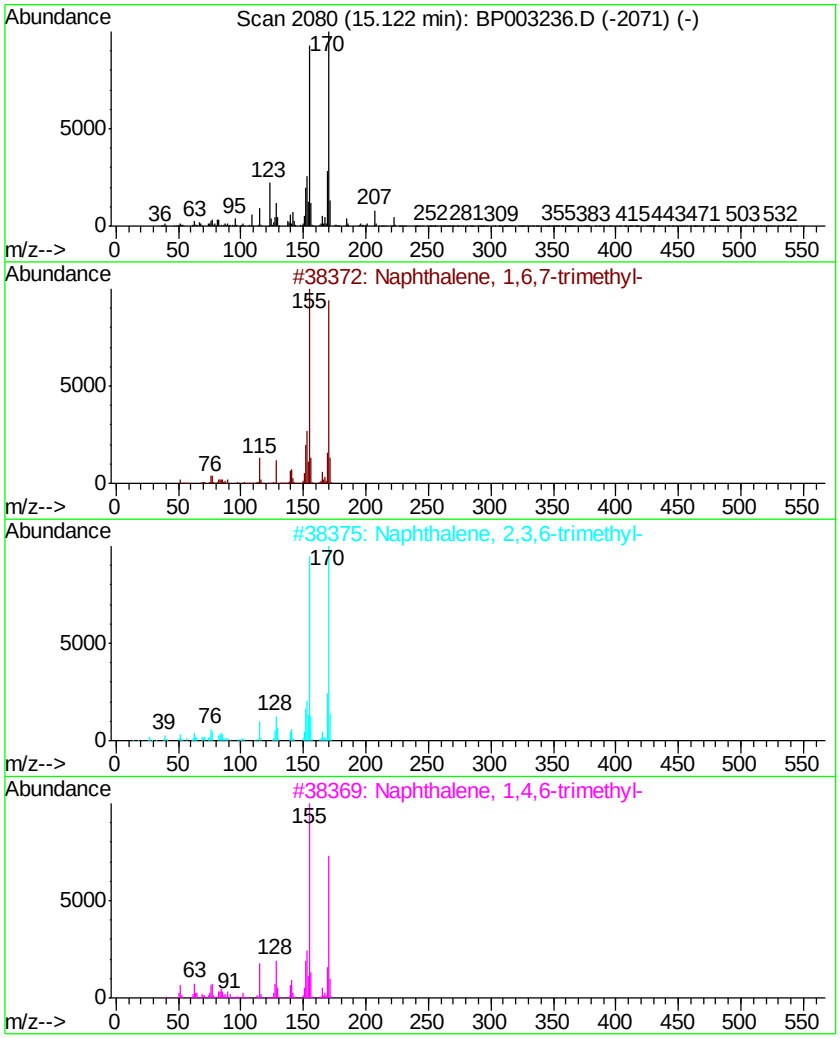
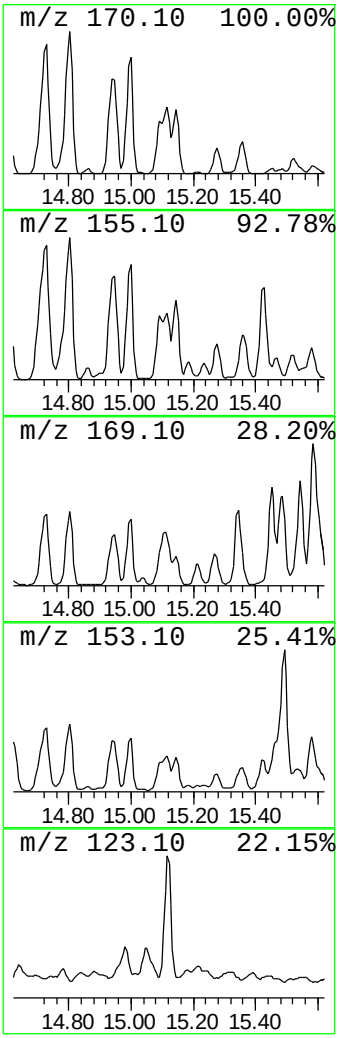
Peak Number 12 4,6,8-Trimethylazulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	36.91 ng	9250960	Acenaphthene-d10	14.31

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	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83





Library Search Compound Report

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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

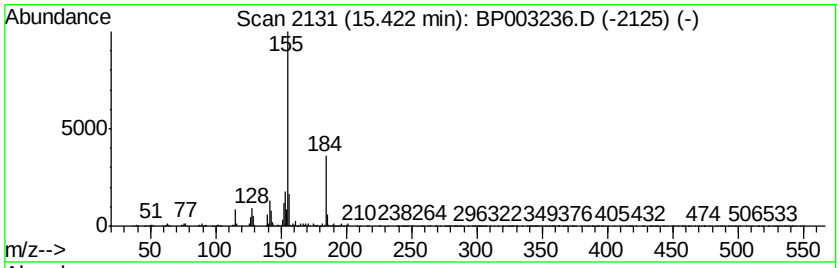
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

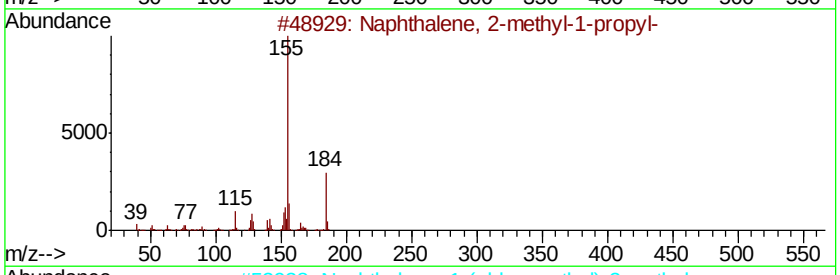
****

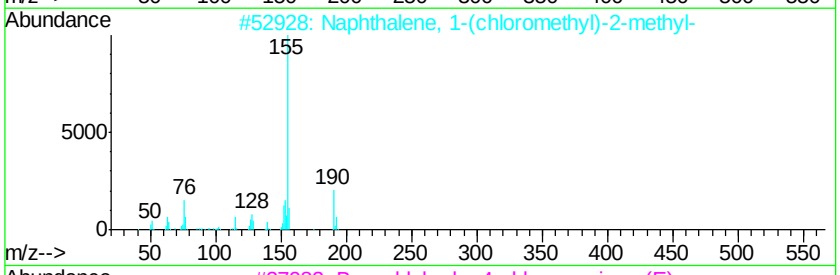
Peak Number 13 Naphthalene, 2-methyl-1-pro... Concentration Rank 15

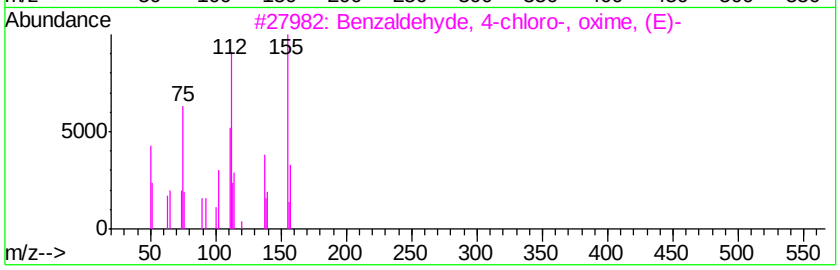
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	24.70 ng	6191050	Acenaphthene-d10	14.31

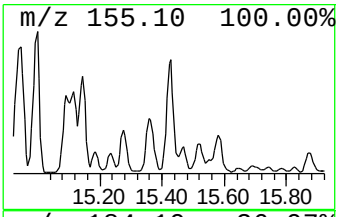
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	94
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	76
3	Benzaldehyde, 4-chloro-, oxime, ...	155	C7H6ClNO	003717-24-6	43
4	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	38
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38

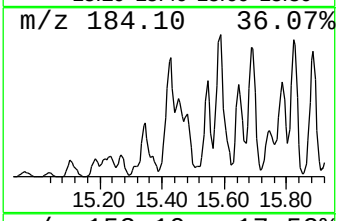


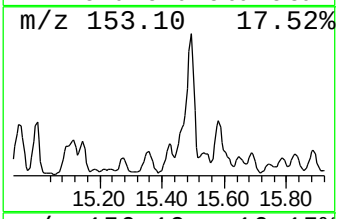


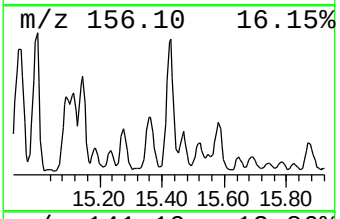


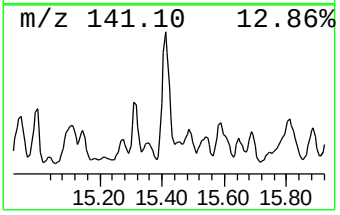












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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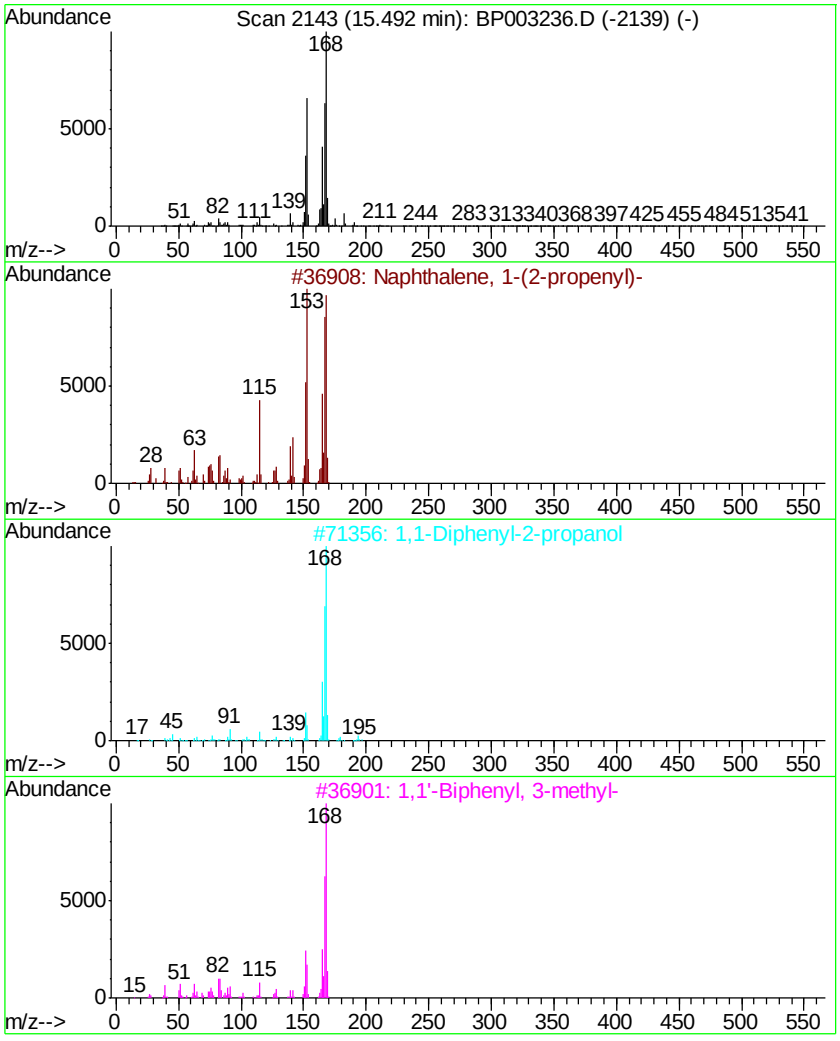
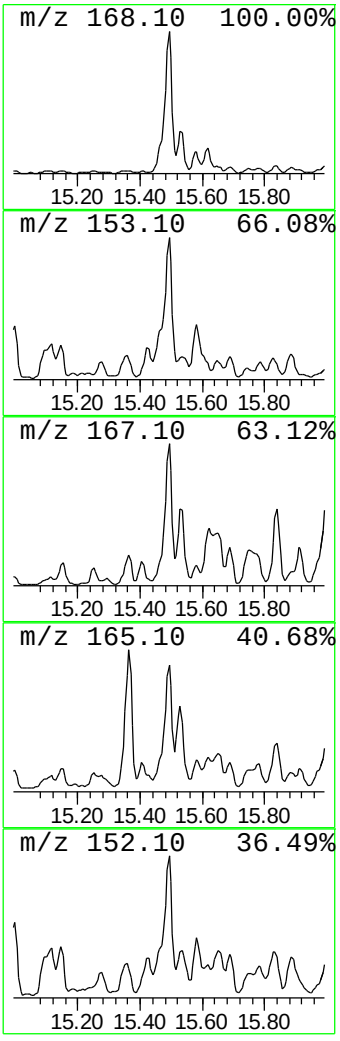
Peak Number 14 Naphthalene, 1-(2-propenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	35.01 ng	8775270	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	59
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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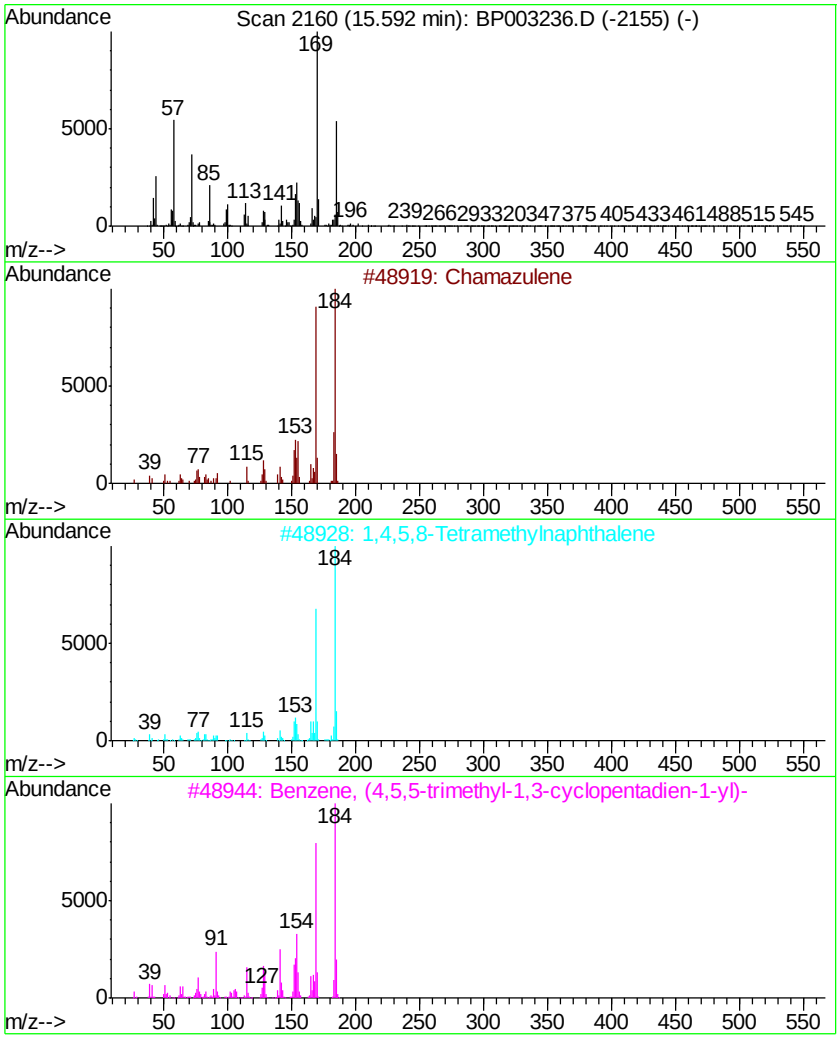
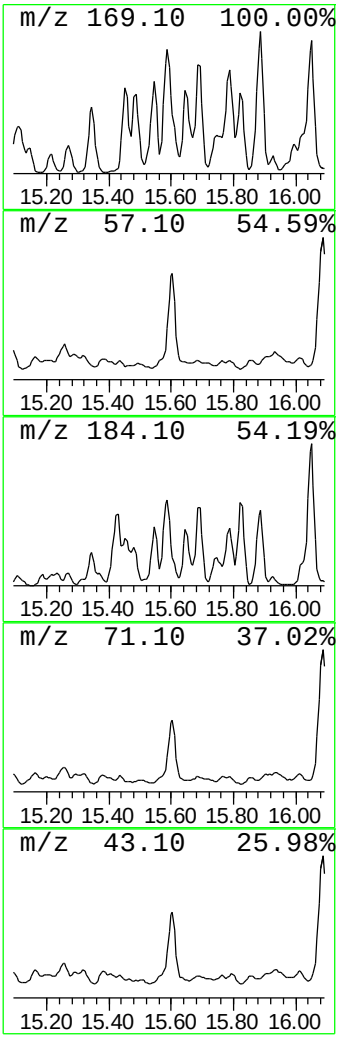
Peak Number 15 Chamazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	34.12 ng	8551800	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	96
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	87
3	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	83
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	68
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64





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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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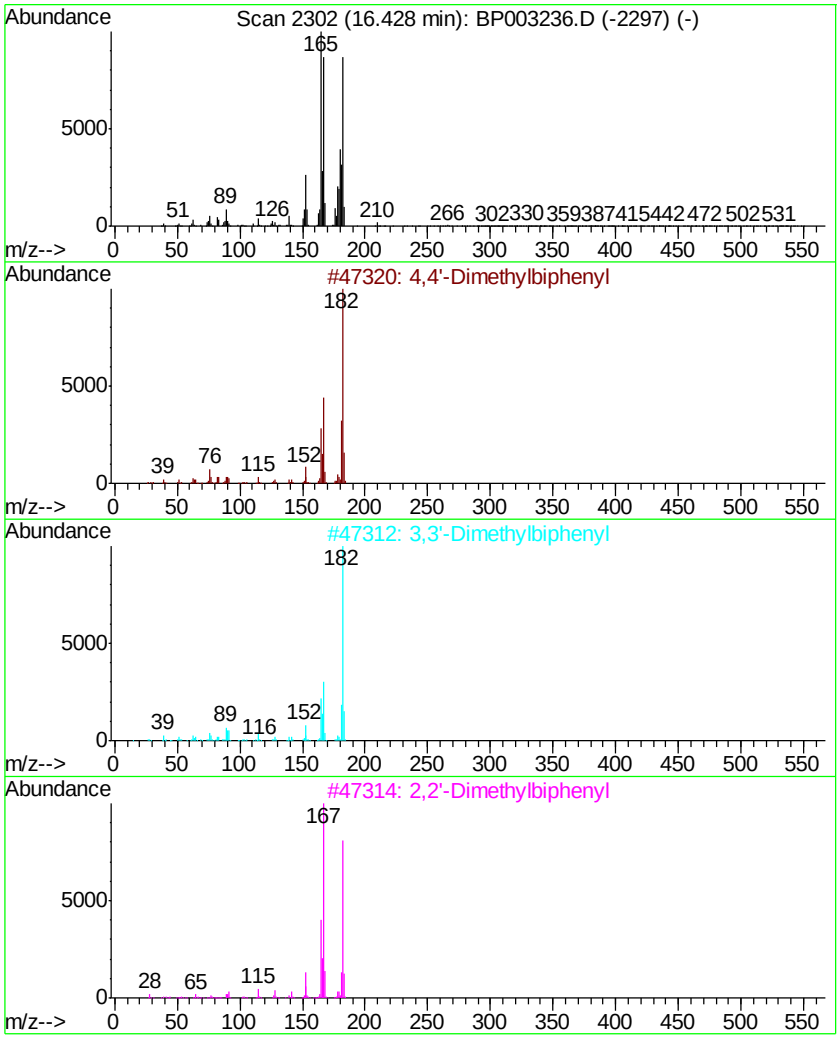
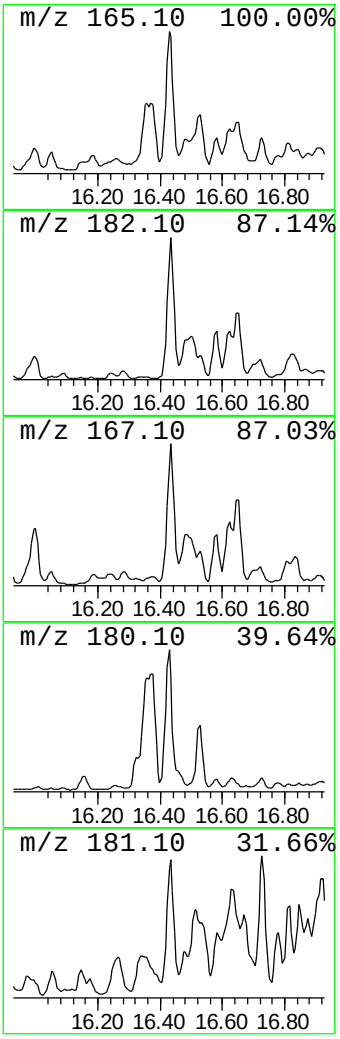
Peak Number 16 4,4'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	24.23 ng	9606650	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	81
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	58
4	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	53
5	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	50





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Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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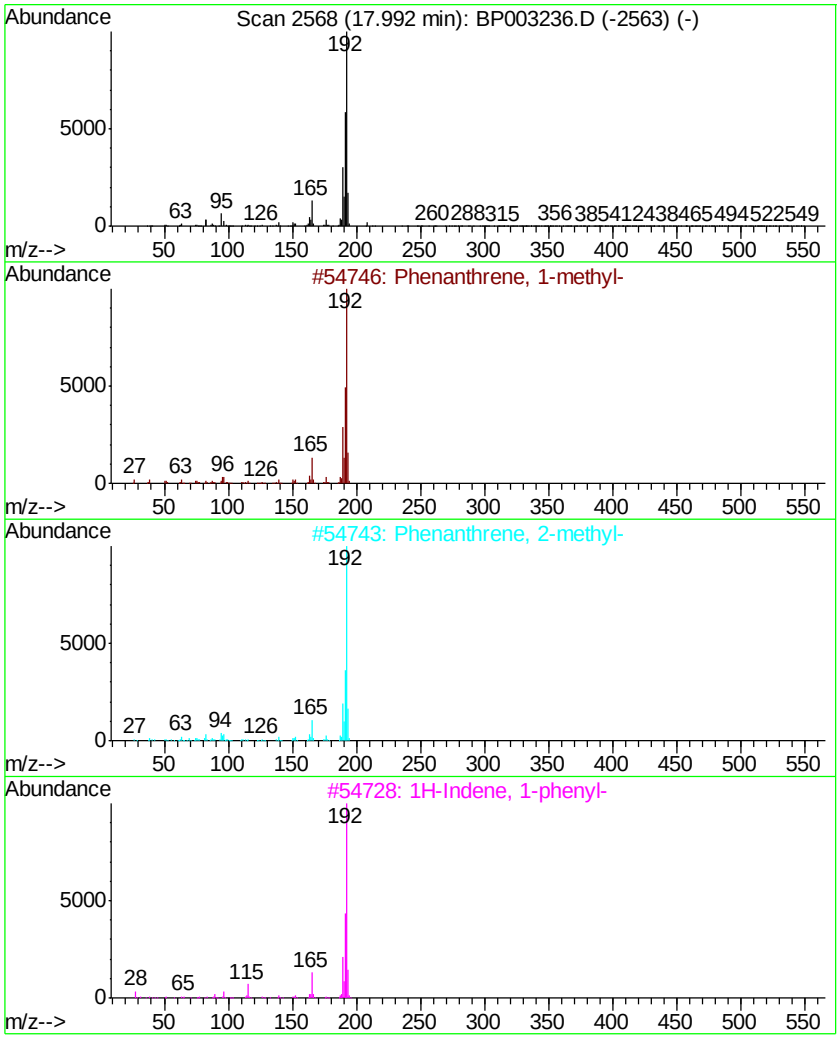
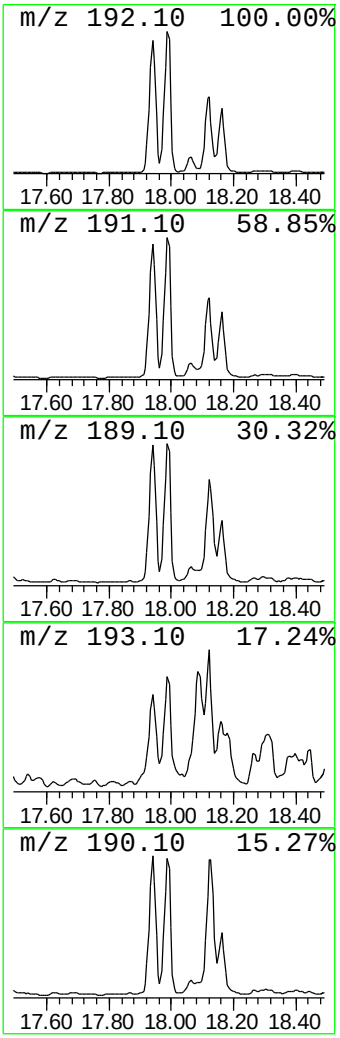
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	21.20 ng	8403890	Phenanthrene-d10	17.06

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	95
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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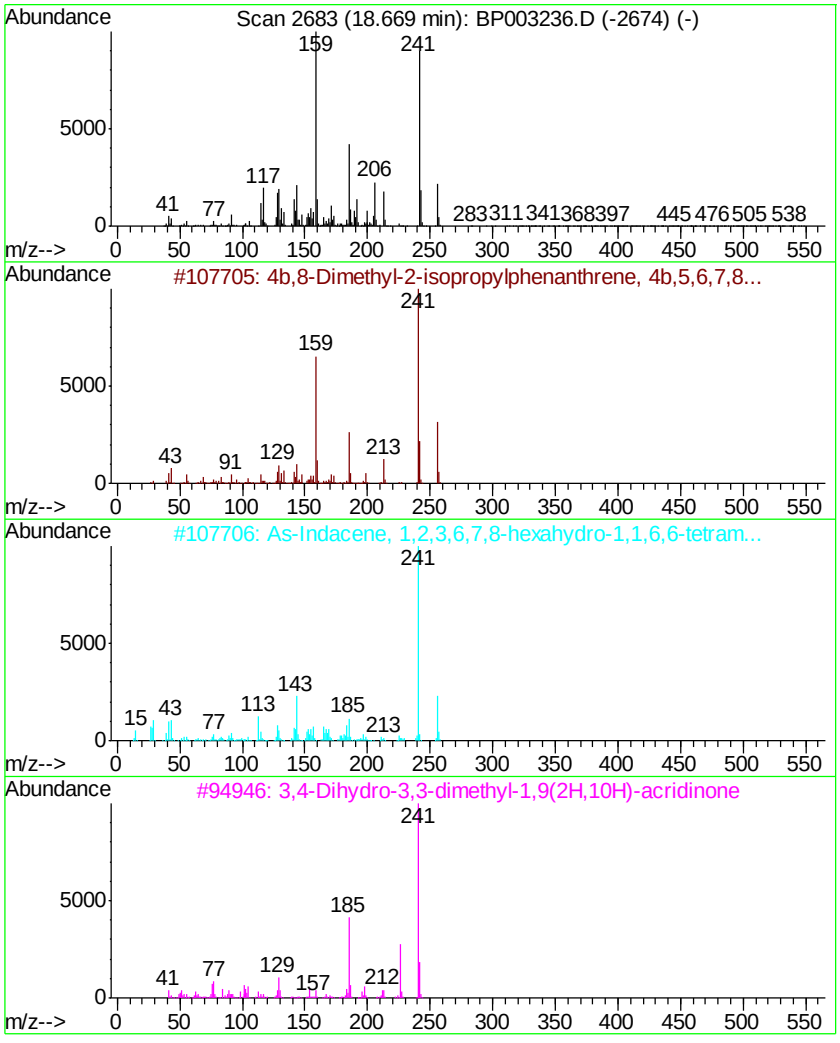
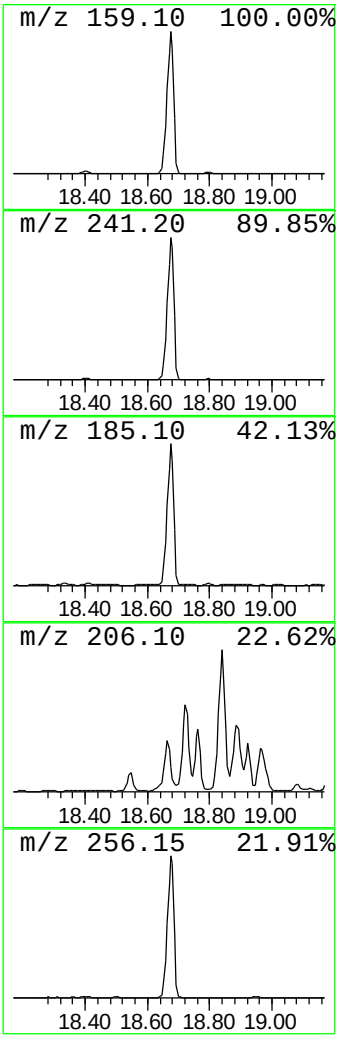
Peak Number 18 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	67.03 ng	26575300	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	38
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
4	Isoquinoline-4-carbonitrile, 1-e...	256	C15H16N2O2	1000259-91-1	25
5	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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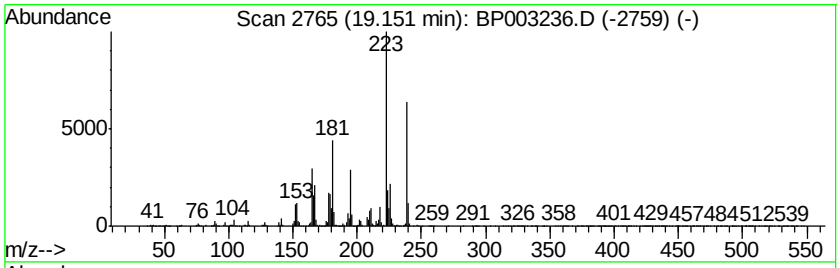
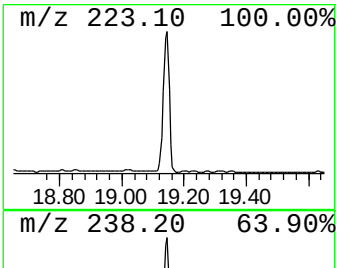
Peak Number 19 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	30.50 ng	8116140	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	58
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003236.D
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Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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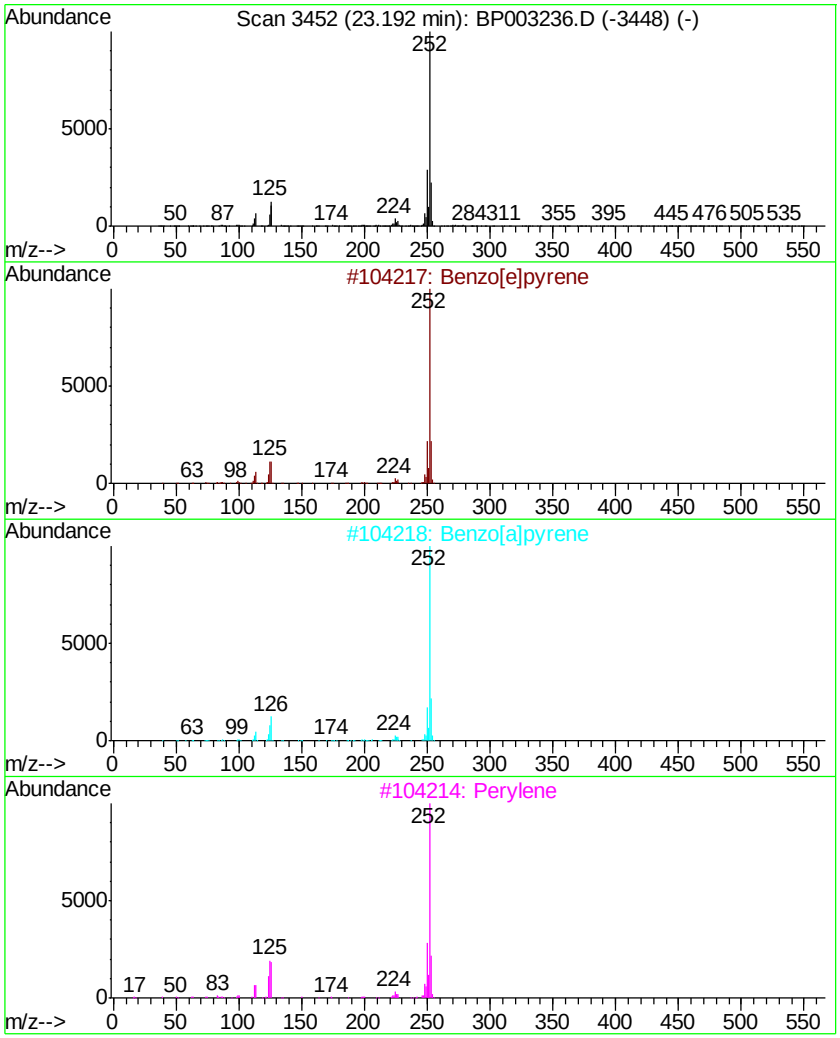
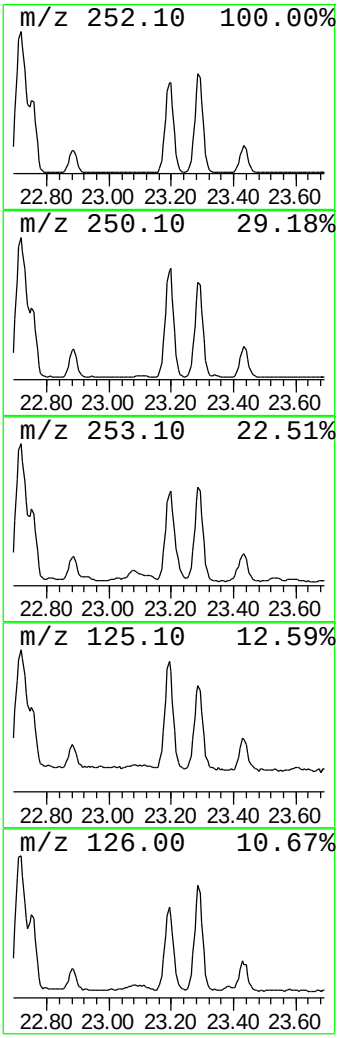
Peak Number 20 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	19.58 ng	2320430	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090820\
Data File : BP003236.D
Acq On : 08 Sep 2020 20:20
Operator : CG/JU
Sample : L3915-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WC-PM-A2-10-14-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown9.02	9.02	51.6	ng	6324000	1	7.65	2448850	20.0
Dodecane, 2,6,11-...	12.87	20.0	ng	5002220	3	14.31	5012970	20.0
Naphthalene, 1,6-...	13.47	40.3	ng	10103400	3	14.31	5012970	20.0
Naphthalene, 2,3-...	13.65	62.9	ng	15760700	3	14.31	5012970	20.0
Naphthalene, 2,6-...	13.69	23.4	ng	5859940	3	14.31	5012970	20.0
Naphthalene, 1,7-...	13.87	28.6	ng	7166710	3	14.31	5012970	20.0
Naphthalene, 2-(1...	14.53	50.9	ng	12755200	3	14.31	5012970	20.0
Naphthalene, 2,3,...	14.73	58.5	ng	14659000	3	14.31	5012970	20.0
Naphthalene, 1,6,...	14.80	48.7	ng	12204800	3	14.31	5012970	20.0
Naphthalene, 1,4,...	14.95	41.0	ng	10280000	3	14.31	5012970	20.0
Naphthalene, 1,4,...	15.00	37.3	ng	9347990	3	14.31	5012970	20.0
4,6,8-Trimethylaz...	15.12	36.9	ng	9250960	3	14.31	5012970	20.0
Naphthalene, 2-me...	15.42	24.7	ng	6191050	3	14.31	5012970	20.0
Naphthalene, 1-(2...	15.49	35.0	ng	8775270	3	14.31	5012970	20.0
Chamazulene	15.59	34.1	ng	8551800	3	14.31	5012970	20.0
4,4'-Dimethylbiph...	16.43	24.2	ng	9606650	4	17.06	7929380	20.0
Phenanthrene, 1-m...	17.99	21.2	ng	8403890	4	17.06	7929380	20.0
4b,8-Dimethyl-2-i...	18.67	67.0	ng	26575300	4	17.06	7929380	20.0
10,18-Bisnorabiet...	19.15	30.5	ng	8116140	5	21.15	5322600	20.0
Benzo[e]pyrene	23.19	19.6	ng	2320430	6	23.39	2370200	20.0