LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\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	5.669	465	473	493	rBV	679517	1310145	13.07%	0.800%
2	6.840	663	672	677	rVV2	283786	570345	5.69%	0.348%
3	7.322	746	754	762	rBV2	964200	2041721	20.36%	1.246%
4	7.405	762	768	780	rVB	493716	861369	8.59%	0.526%
5	7.652	803	810	816	rBV	1047804	1601505	15.97%	0.977%
6	8.022	867	873	881	rVB	322573	517680	5.16%	0.316%
7	8.187	890	901	912	rBV	631231	1190981	11.88%	0.727%
8	8.922	1020	1026	1035	rVV	276018	679240	6.77%	0.415%
9	9.028	1036	1044	1050	rVB	260059	440622	4.39%	0.269%
10	9.457	1113	1117	1127	rVB	892268	1451450	14.48%	0.886%
11	9.869	1173	1187	1193	rBV2	430524	1203599	12.00%	0.735%
12	9.975	1201	1205	1212	rVB	543509	901338	8.99%	0.550%
13	10.428	1273	1282	1287	rBV	1396479	2482862	24.76%	1.515%
14	10.481	1287	1291	1300	rVB	1132339	1844322	18.39%	1.126%
15	10.946	1363	1370	1380	rBV	970434	1573714	15.70%	0.960%
16	11.081	1386	1393	1399	rBV	1062296	1805017	18.00%	1.102%
17	12.098	1557	1566	1576	rVB4	708562	1752287	17.48%	1.069%
18	12.257	1589	1593	1598	rBV	283156	459959	4.59%	0.281%
19	12.322	1599	1604	1614	rVV2	843455	1536017	15.32%	0.937%
20	12.745	1670	1676	1681	rVB	352837	552549	5.51%	0.337%
21	12.910	1699	1704	1715	rVB2	605725	1007787	10.05%	0.615%
22	13.169	1743	1748	1755	rVV	716917	1225935	12.23%	0.748%
23	13.457	1792	1797	1805	rVB2	378392	929985	9.28%	0.568%
24	13.616	1818	1824	1829	rVV	599167	1118762	11.16%	0.683%
25	13.669	1829	1833	1838	rVV	355208	509652	5.08%	0.311%
26	13.745	1838	1846	1851	rVV3	391453	920039	9.18%	0.561%
27	13.851	1859	1864	1867	rVV2	331268	514323	5.13%	0.314%
28	14.010	1886	1891	1905	rBV2	703250	1282941	12.80%	0.783%
29	14.192	1917	1922	1927	rBV	343918	638838	6.37%	0.390%
30	14.292	1933	1939	1945	rVV2	1997160	3166354	31.58%	1.932%
31	14.357	1946	1950	1959	rVB2	458347	866058	8.64%	0.529%
32	14.510	1971	1976	1986	rVB2	171979	425000	4.24%	0.259%
33	14.704	2004	2009	2016	rVB2	328044	614287	6.13%	0.375%
34	14.781	2017	2022	2026	rVB	321933	459637	4.58%	0.281%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	14.922	2040	2046	2052	rBV5	232099	571689	5.70%	0.349%
36	15.345	2113	2118	2123	rBV2	493387	748657	7.47%	0.457%
37	15.786	2189	2193	2202	rVB3	471784	916090	9.14%	0.559%
38	16.028	2229	2234	2238	rBV3	266860	502128	5.01%	0.306%
39	16.210	2262	2265	2275	rVB	276167	451704	4.51%	0.276%
40	16.357	2283	2290	2294	rBV3	257480	548798	5.47%	0.335%
41	16.704	2345	2349	2358	rVB6	219960	464089	4.63%	0.283%
42	16.863	2373	2376	2384	rVV	306645	607085	6.05%	0.370%
43	17.051	2402	2408	2411	rBV	2263262	3389365	33.80%	2.068%
44	17.092	2411	2415	2420	rVB	2917534	4086606	40.76%	2.494%
45	17.180	2425	2430	2436	rVB	1110049	1536263	15.32%	0.938%
46	17.269	2437	2445	2449	rBV3	377209	934628	9.32%	0.570%
47	17.475	2475	2480	2484	rBV2	463721	700965	6.99%	0.428%
48	17.633	2503	2507	2511	rVV	439463	596421	5.95%	0.364%
49	17.769	2526	2530	2537	rVB2	750321	1140245	11.37%	0.696%
50	17.927	2551	2557	2561	rVV2	1497505	2643025	26.36%	1.613%
51	17.969	2561	2564	2570	rVB	1711566	2528727	25.22%	1.543%
52	18.045	2571	2577	2582	rBV2	622605	1005873	10.03%	0.614%
53	18.110	2582	2588	2592	rVV2	1748888	3146111	31.38%	1.920%
54	18.151	2592	2595	2601	rVB2	1292376	1796345	17.92%	1.096%
55	18.210	2601	2605	2611	rBV2	374886	619924	6.18%	0.378%
56	18.369	2627	2632	2635	rBV2	462721	776672	7.75%	0.474%
57	18.410	2635	2639	2642	rVV3	756491	1065392	10.63%	0.650%
58	18.445	2642	2645	2654	rVB4	399821	716274	7.14%	0.437%
59	18.651	2677	2680	2684	rVB	443126	487634	4.86%	0.298%
60	18.704	2685	2689	2692	rBV2	626034	871740	8.69%	0.532%
61	18.739	2692	2695	2699	rVB	501555	646894	6.45%	0.395%
62	18.816	2701	2708	2713	rBV	1488562	2587096	25.80%	1.579%
63	18.875	2713	2718	2722	rBV5	638411	1228249	12.25%	0.750%
64	18.951	2727	2731	2739	rBV4	874688	1769588	17.65%	1.080%
65	19.069	2747	2751	2756	rBV	4423664	5664722	56.50%	3.457%
66	19.139	2759	2763	2765	rVV	333207	435800	4.35%	0.266%
67	19.169	2766	2768	2772	rVB2	405317	446478	4.45%	0.272%
68	19.263	2780	2784	2788	rVB5	329777	460406	4.59%	0.281%
69	19.310	2788	2792	2795	rBV2	415510	576820	5.75%	0.352%
70	19.422	2803	2811	2820	rVV	5976502	10026447	100.00%	6.119%
71	19.504	2820	2825	2830	rVB2	707757	1179738	11.77%	0.720%

LSC Area Percent Report

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Sample : L3877-12 10X
Misc :
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Instrument : BNA_P
ClientSampleId : TP-3

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

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Peak separation: 5

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

72	19.622	2842	2845	2848	rBV2	823347	856981	8.55%	0.523%
73	19.657	2848	2851	2857	rVB2	430620	610126	6.09%	0.372%
74	19.739	2861	2865	2876	rBV5	919329	2331122	23.25%	1.423%
75	19.904	2890	2893	2898	rVB2	1596164	2155060	21.49%	1.315%
76	20.004	2907	2910	2914	rVB	1046976	1217062	12.14%	0.743%
77	20.063	2915	2920	2924	rBV	1746593	2348300	23.42%	1.433%
78	20.198	2939	2943	2947	rBV	1536531	1911045	19.06%	1.166%
79	20.239	2947	2950	2954	rVB	1523148	1883171	18.78%	1.149%
80	20.486	2989	2992	2995	rBV3	325274	491614	4.90%	0.300%
81	20.639	3015	3018	3024	rVB2	829064	1360474	13.57%	0.830%
82	20.727	3030	3033	3037	rVB	435991	495666	4.94%	0.302%
83	20.780	3038	3042	3043	rBV2	628713	781814	7.80%	0.477%
84	20.833	3049	3051	3055	rVB	673211	664074	6.62%	0.405%
85	20.874	3055	3058	3062	rBV3	525002	876460	8.74%	0.535%
86	21.133	3097	3102	3107	rBV2	4174391	8100535	80.79%	4.944%
87	21.180	3107	3110	3120	rVB	3936324	5419087	54.05%	3.307%
88	21.263	3120	3124	3127	rBV2	552959	698411	6.97%	0.426%
89	21.298	3127	3130	3134	rBV	748936	1053945	10.51%	0.643%
90	21.633	3184	3187	3190	rBV	520553	669621	6.68%	0.409%
91	21.692	3191	3197	3201	rVV	1945814	3403789	33.95%	2.077%
92	21.739	3202	3205	3210	rVB	1222199	1612949	16.09%	0.984%
93	21.886	3226	3230	3233	rBV	1076430	1417555	14.14%	0.865%
94	21.986	3243	3247	3257	rVB5	780833	1550712	15.47%	0.946%
95	22.715	3365	3371	3376	rBV	2128129	5074307	50.61%	3.097%
96	23.192	3446	3452	3460	rVB	2217414	3989213	39.79%	2.435%
97	23.286	3462	3468	3474	rVB	2905692	5330020	53.16%	3.253%
98	23.380	3479	3484	3489	rBV2	1383863	2523380	25.17%	1.540%
99	25.657	3865	3871	3882	rVB	1502248	4269673	42.58%	2.606%
100	26.356	3983	3990	4008	rVB	1455962	4431463	44.20%	2.704%

Sum of corrected areas: 163858637

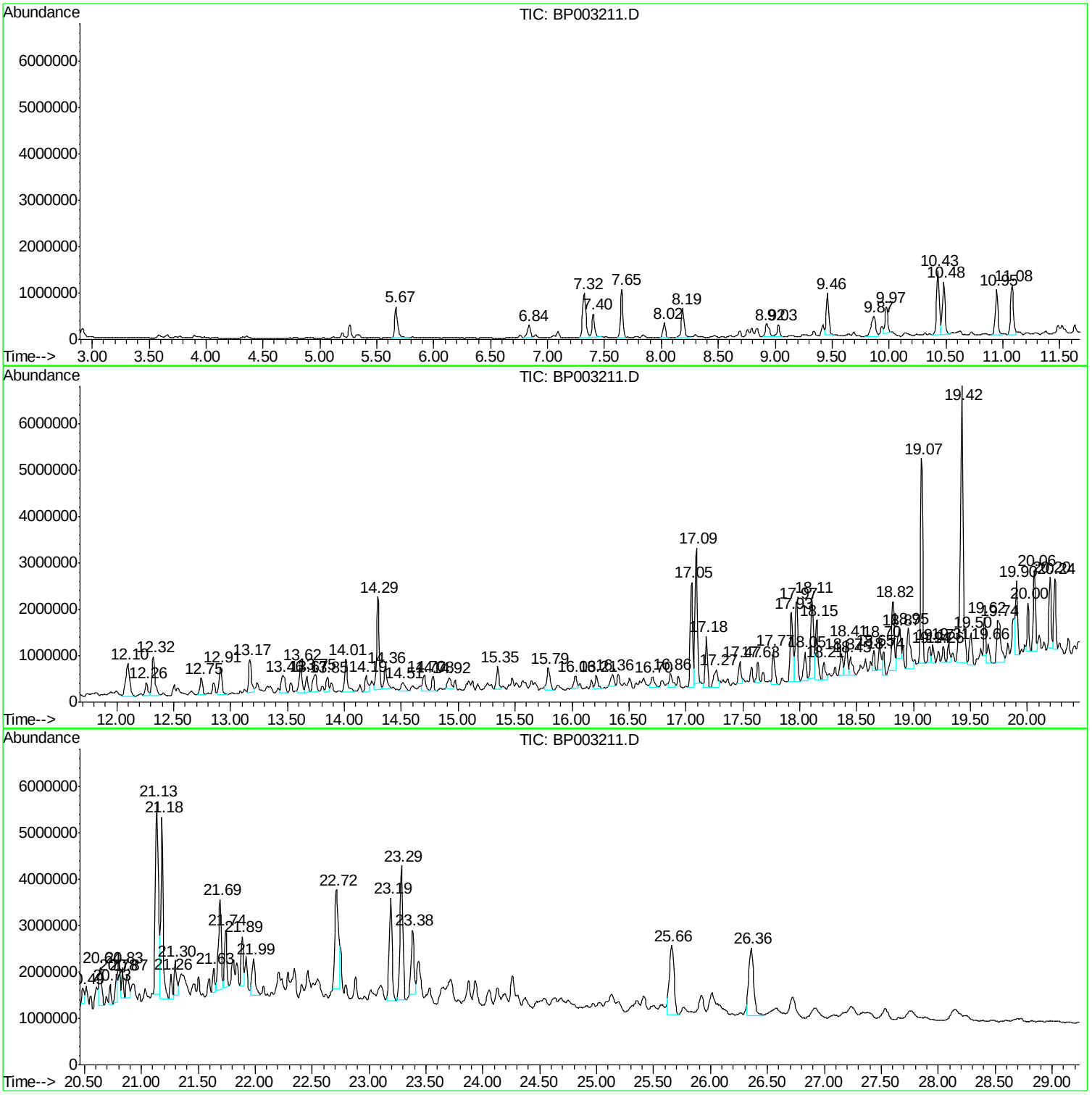
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

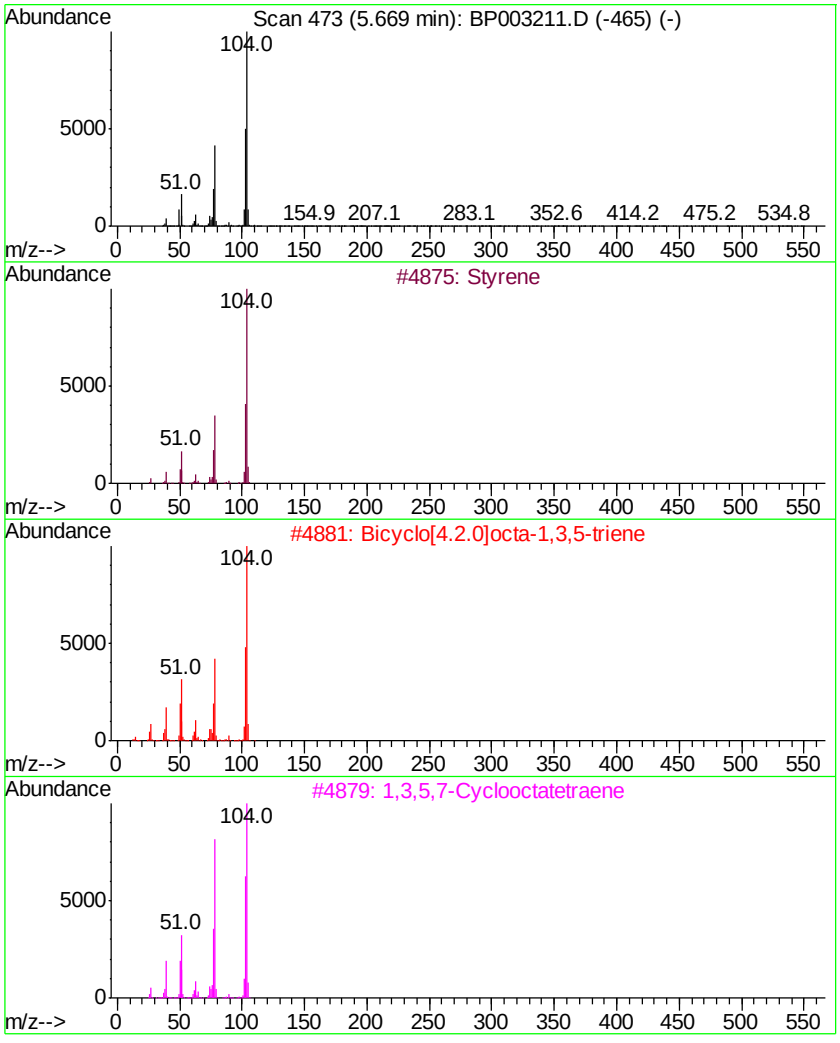
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

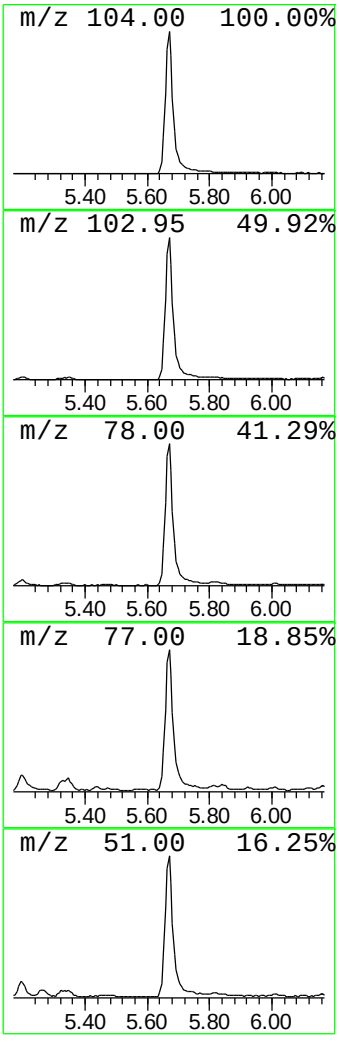
****

Peak Number 1 Styrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	16.36 ng	1310150	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	97
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	59
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	50
5	4-Pyridinecarbonitrile	104	C6H4N2	000100-48-1	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
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Misc :
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Instrument : BNA_P
ClientSampleId : TP-3

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

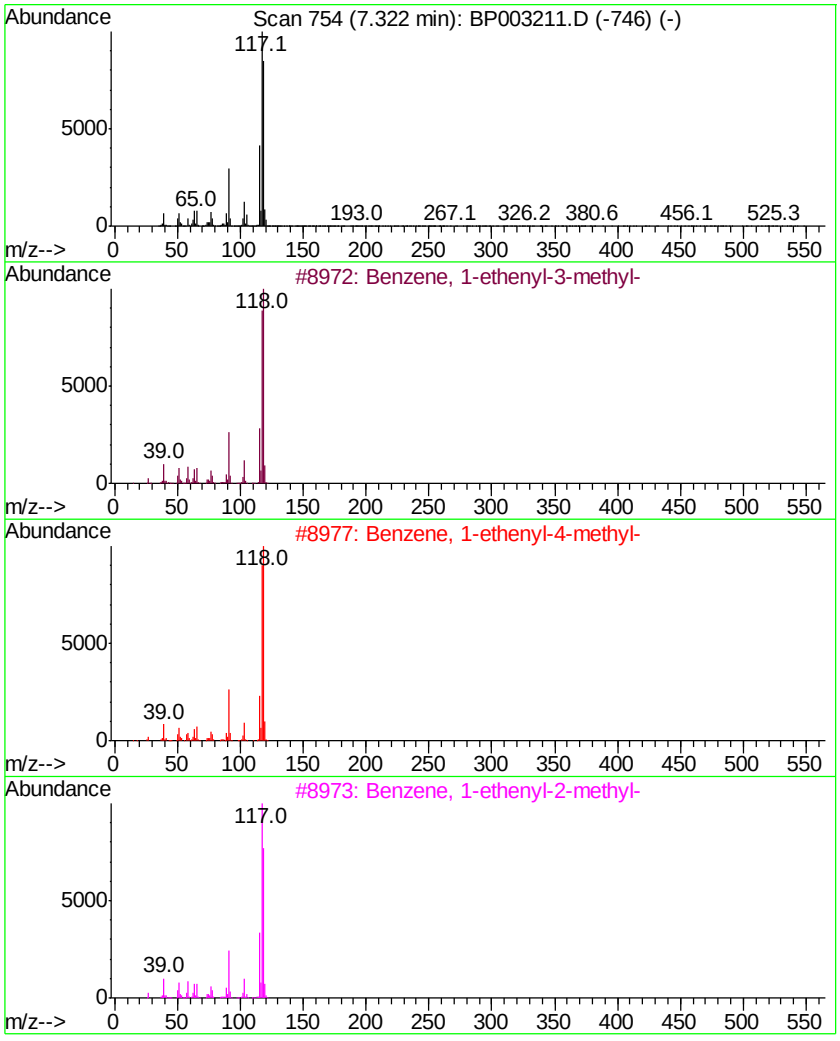
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

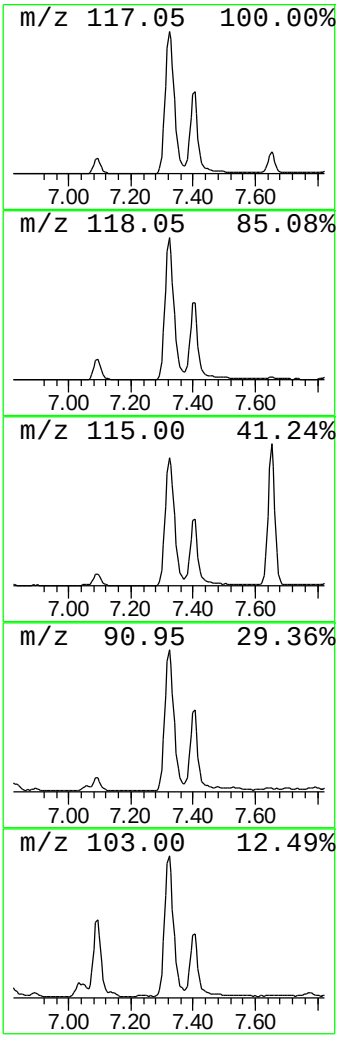
****

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	25.50 ng	2041720	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : TP-3

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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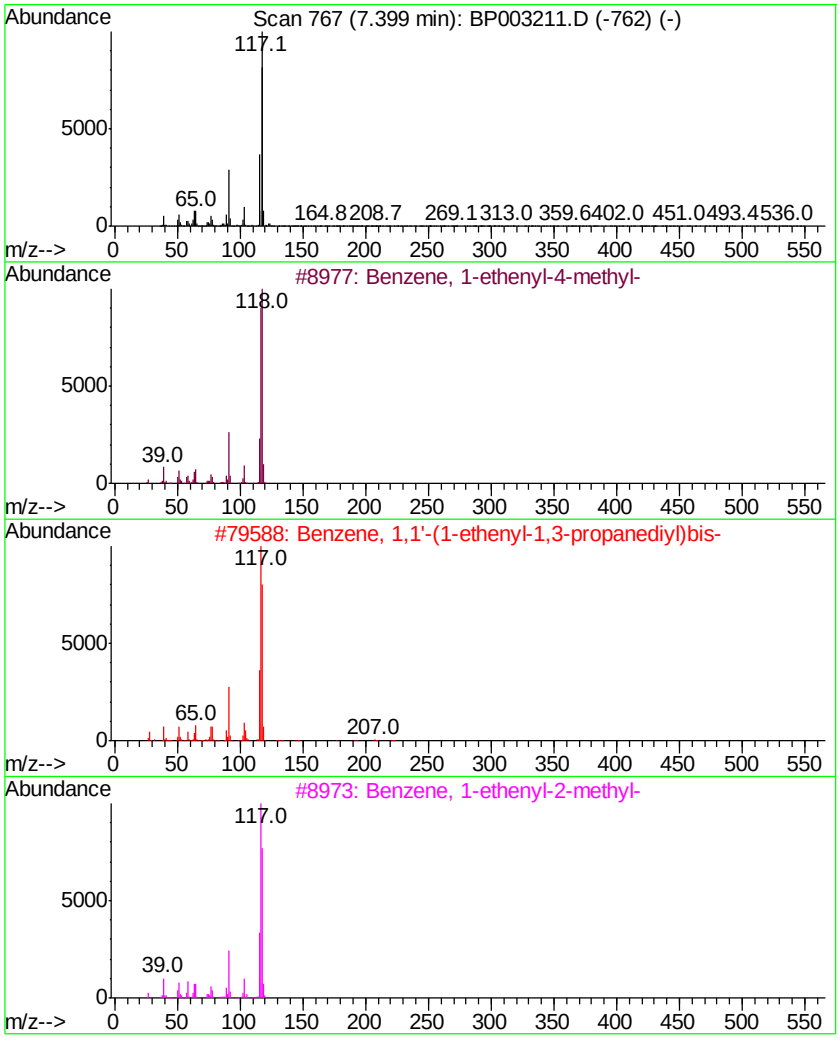
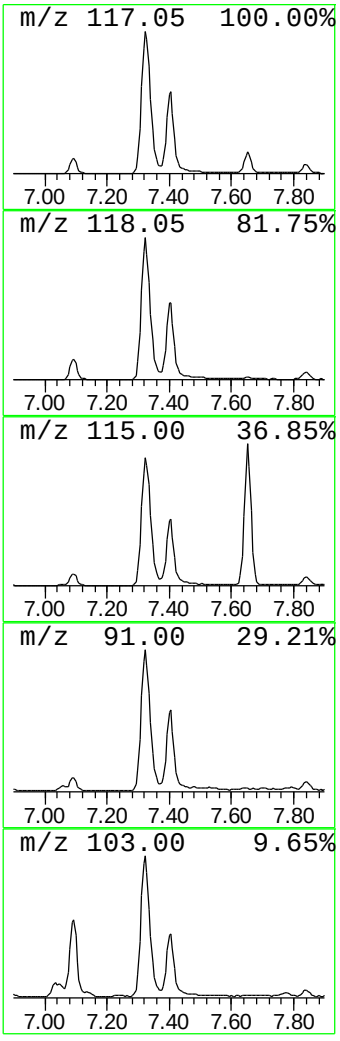
Peak Number 3 Benzene, 1-ethenyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	10.76 ng	861369	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

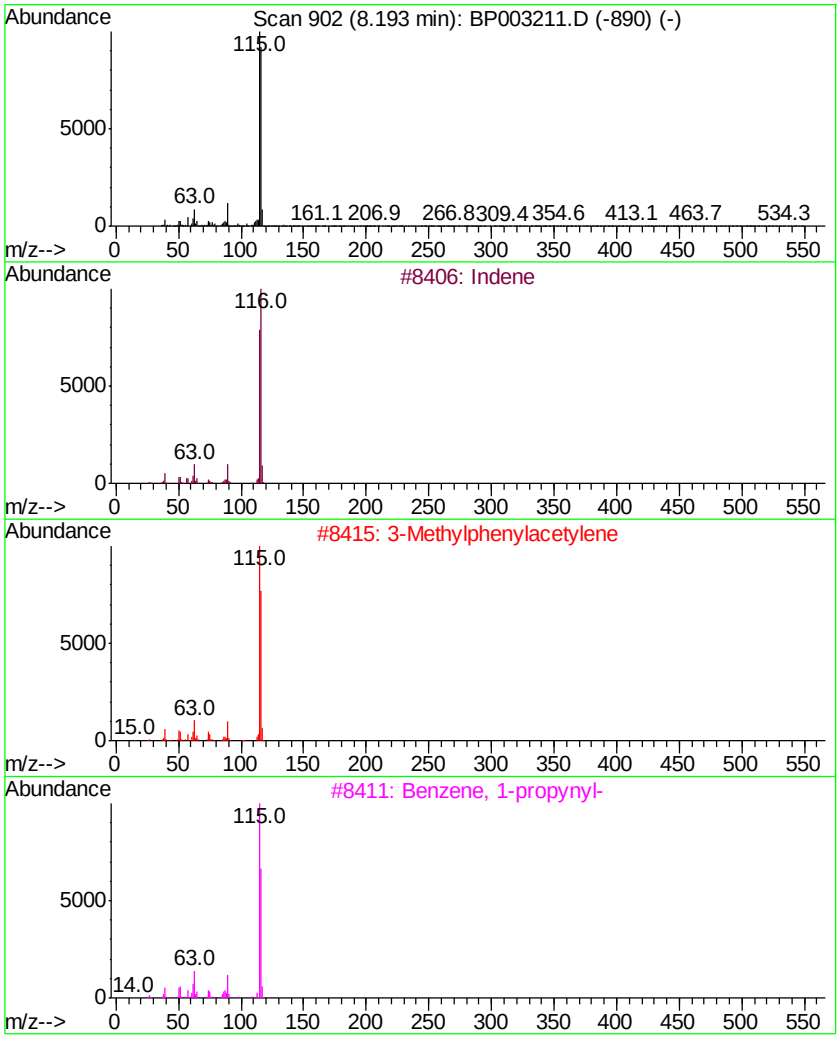
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

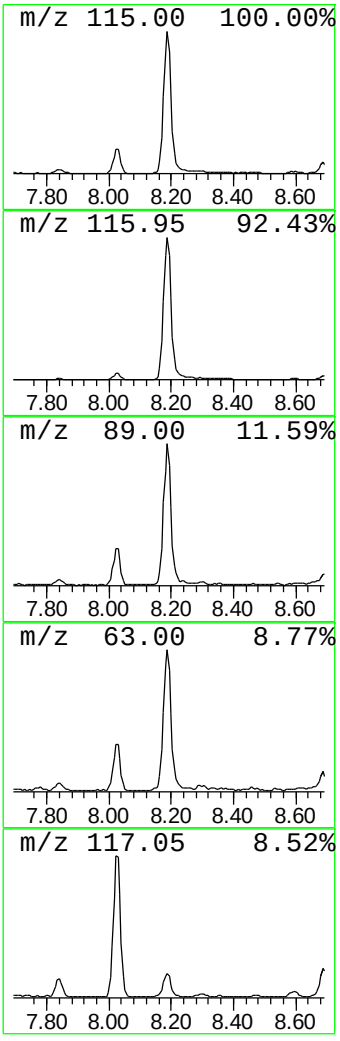
****

Peak Number 4 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	14.87 ng	1190980	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
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Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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

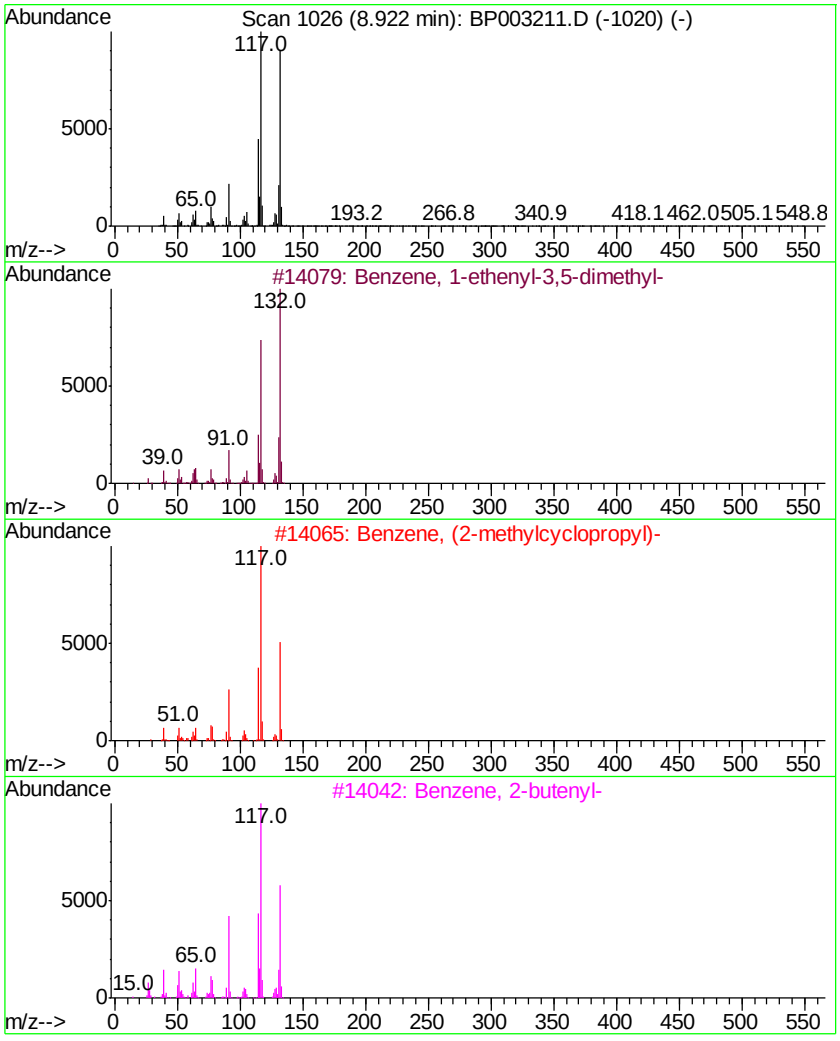
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

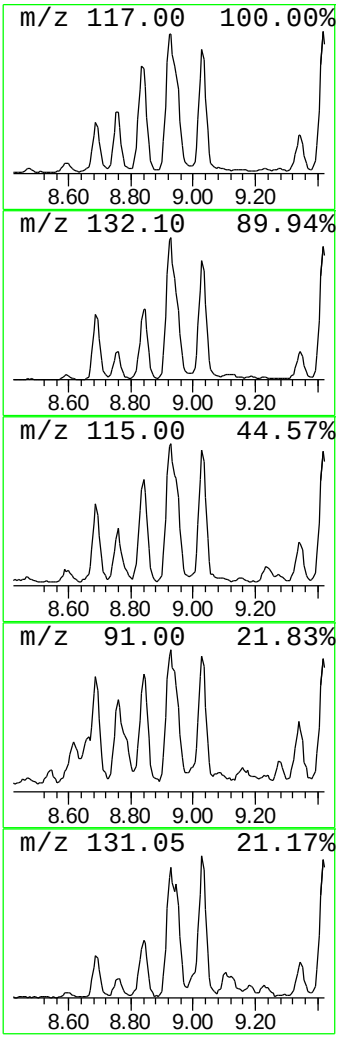
****

Peak Number 5 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	8.48 ng	679240	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	95
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94





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Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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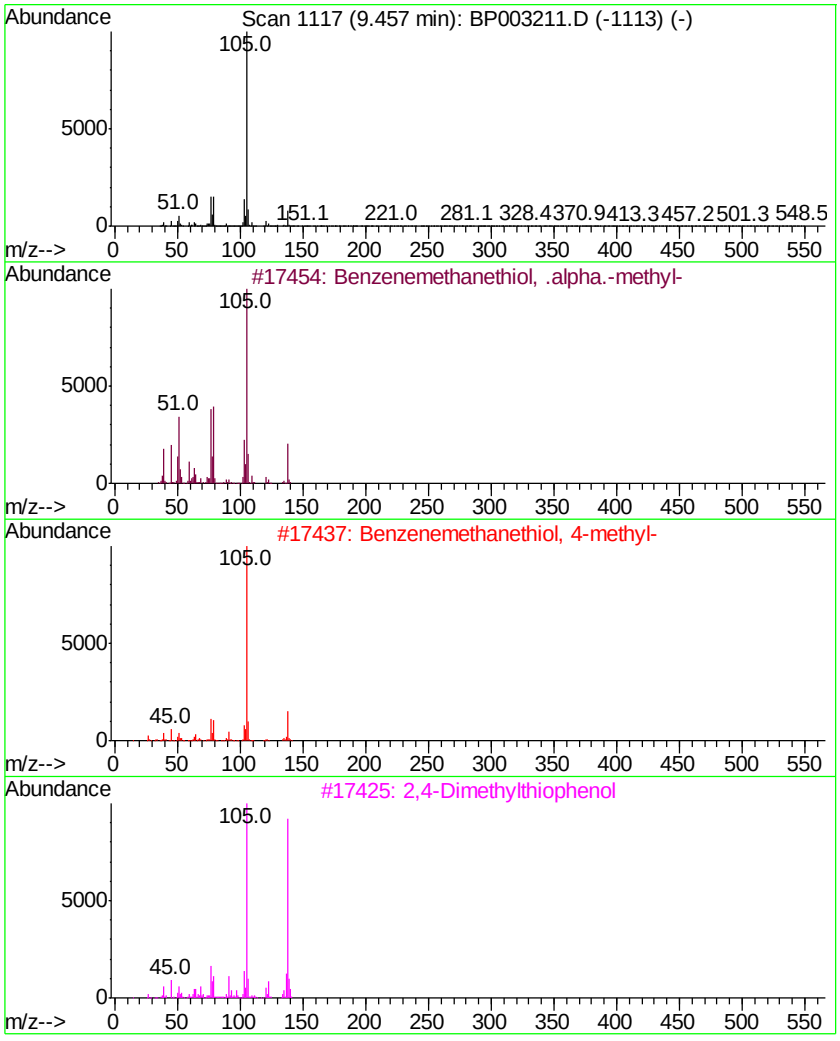
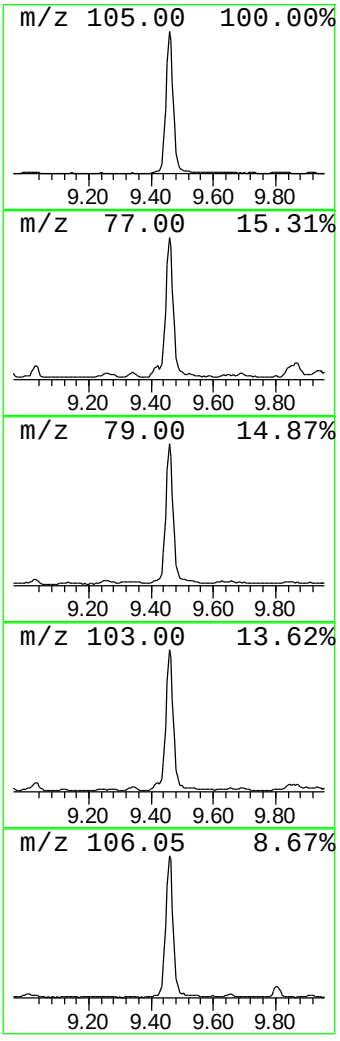
Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	11.69 ng	1451450	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	90
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
3	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
4	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
5	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72





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Instrument : BNA_P
ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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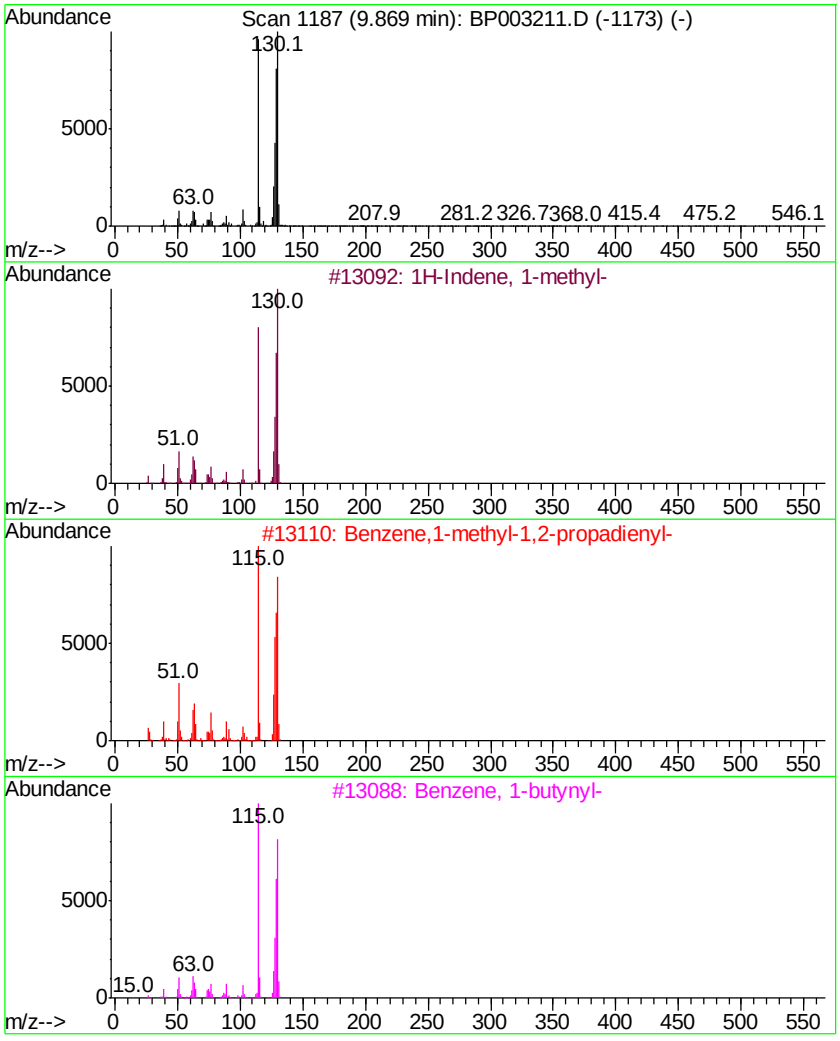
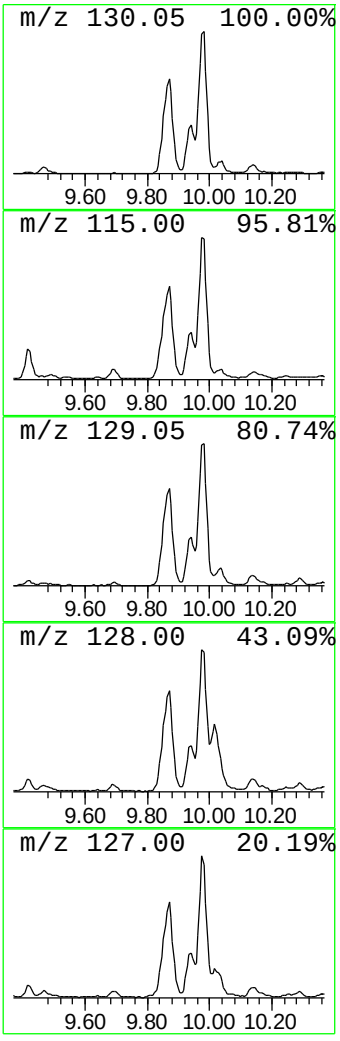
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	9.70 ng	1203600	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
4	2-Methylindene	130	C10H10	002177-47-1	91
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	87





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Misc :
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Instrument : BNA_P
ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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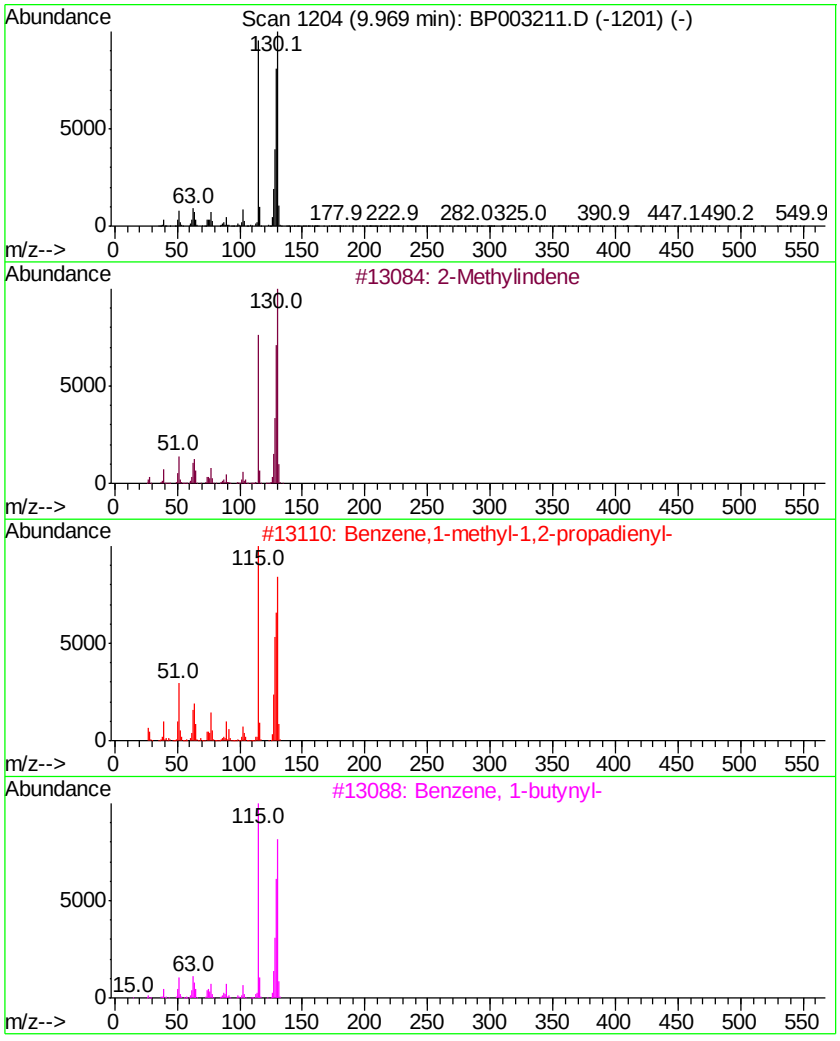
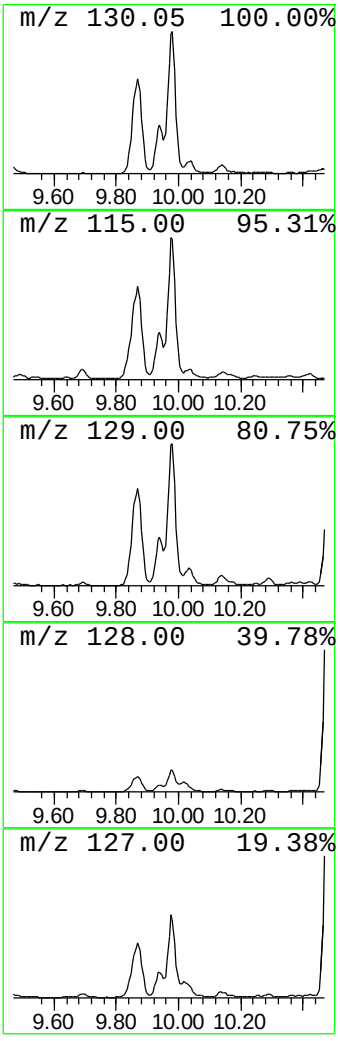
Peak Number 8 2-Methylindene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	7.26 ng	901338	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90





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Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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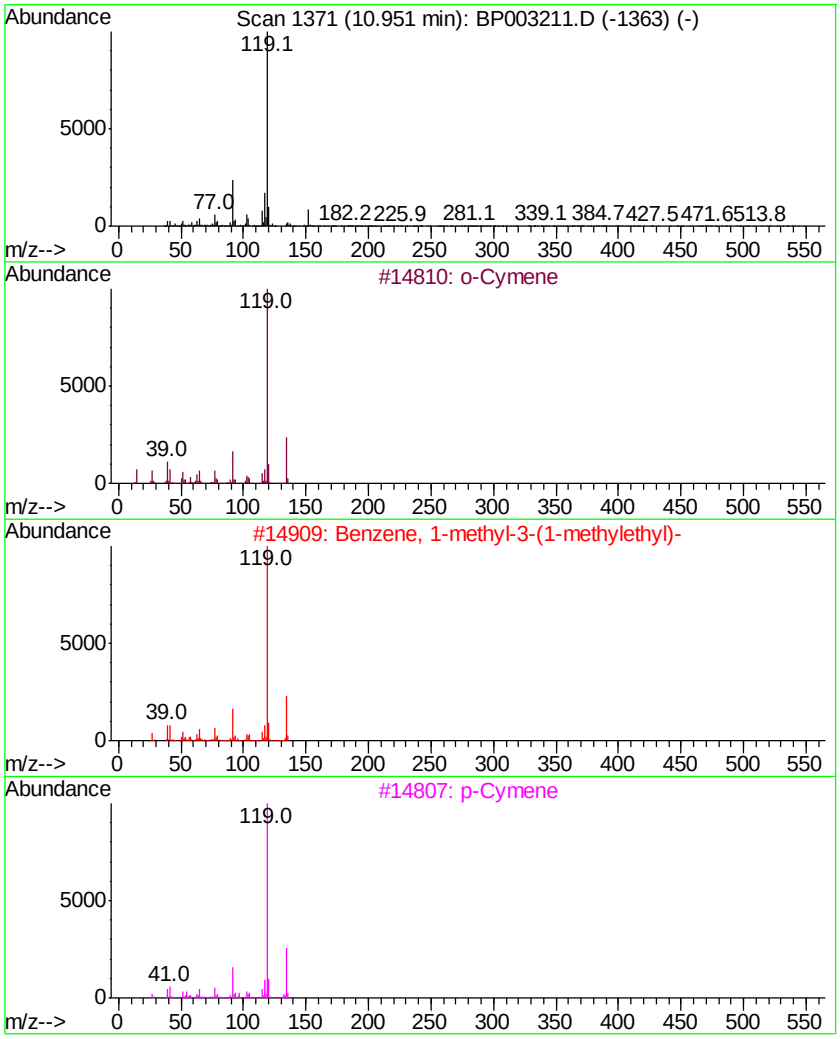
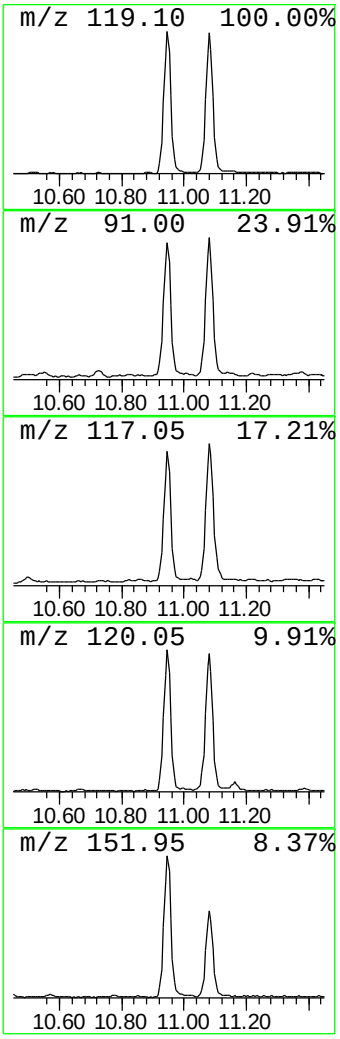
Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	12.68 ng	1573710	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	p-Cymene	134	C10H14	000099-87-6	86
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72





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

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

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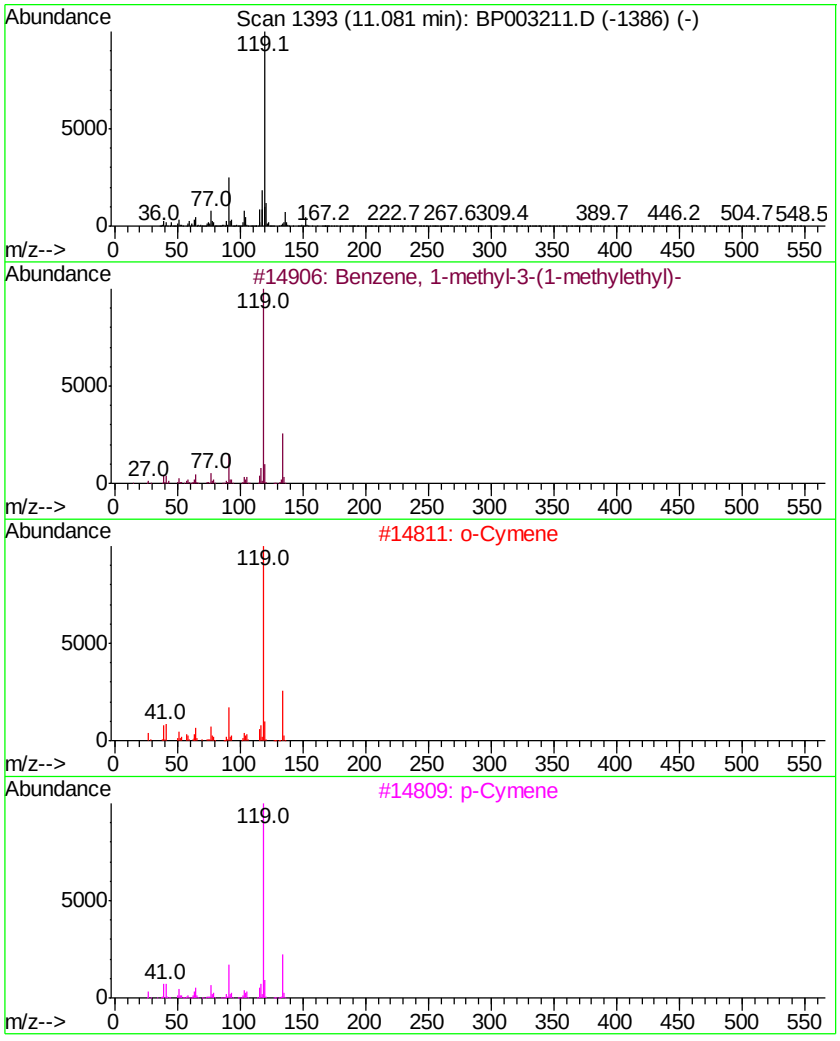
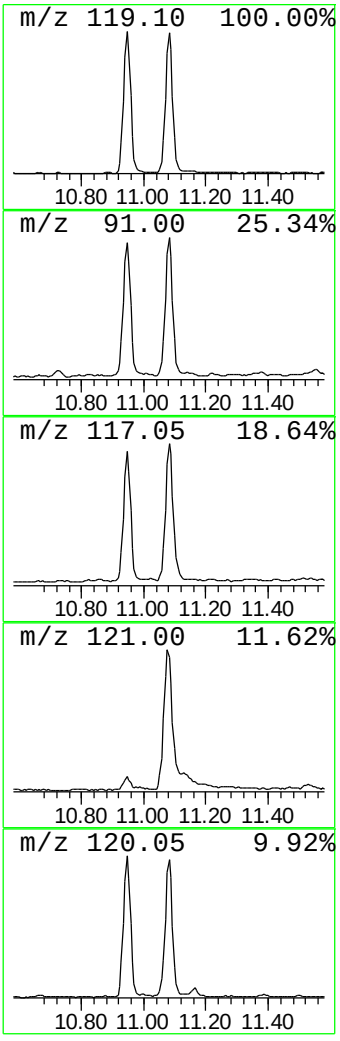
Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	14.54 ng	1805020	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2	o-Cymene	134	C10H14	000527-84-4	76
3	p-Cymene	134	C10H14	000099-87-6	68
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59





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Misc :
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Instrument : BNA_P
ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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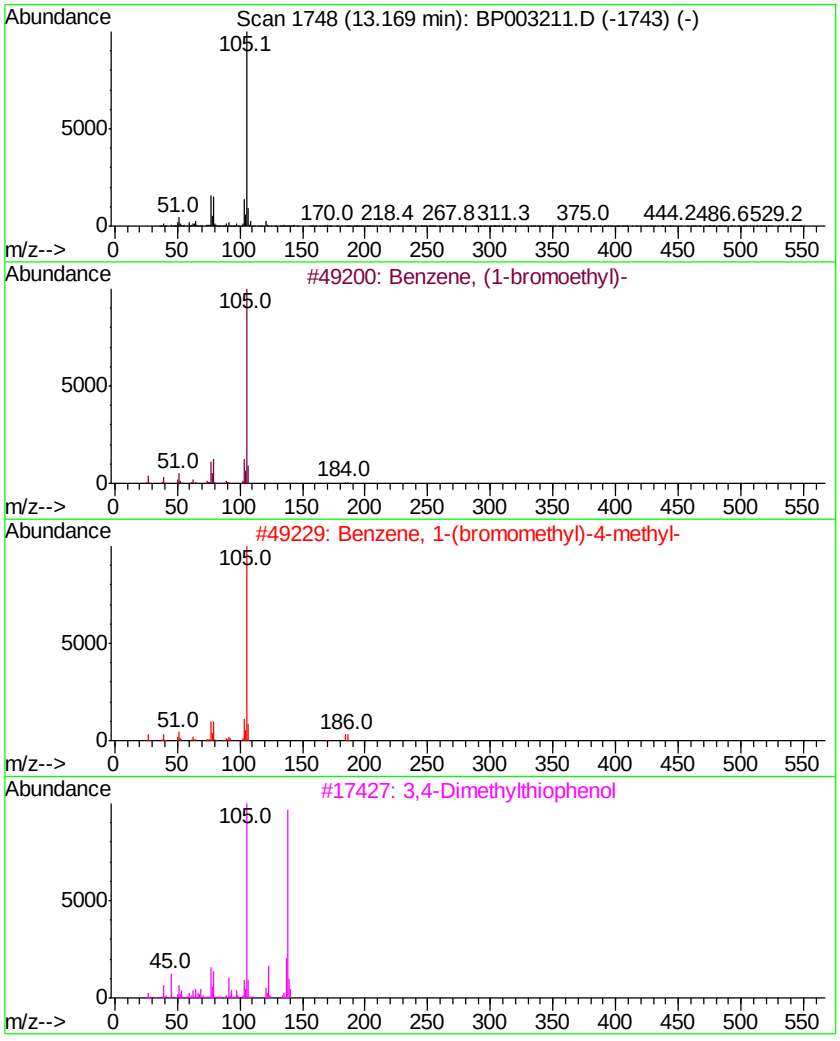
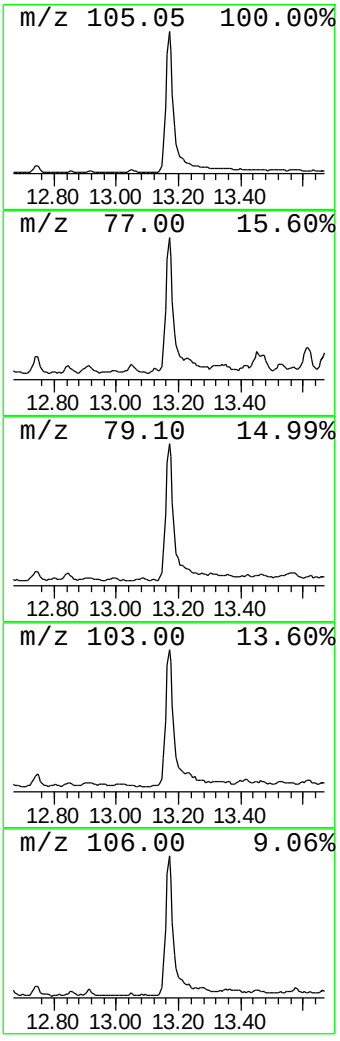
Peak Number 11 Benzene, (1-bromoethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	7.74 ng	1225940	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	86
2	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	L-.alpha.-Methylbenzyl isothiocy...	163	C9H9NS	024277-43-8	72
5	Benzene, 1,1'-(1,2-dimethyl-1,2-...	210	C16H18	005789-35-5	72





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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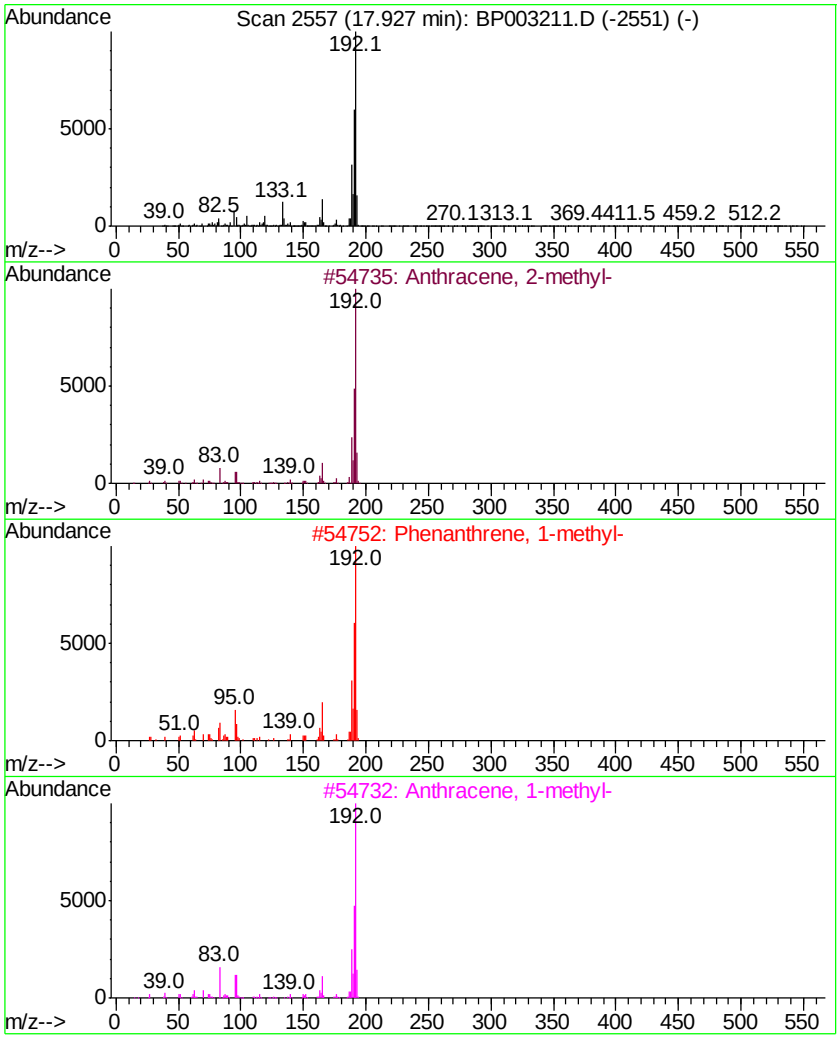
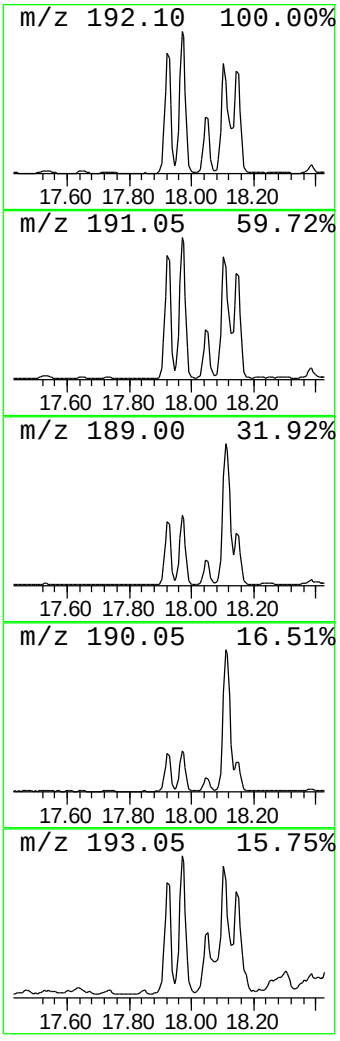
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	15.60 ng	2643030	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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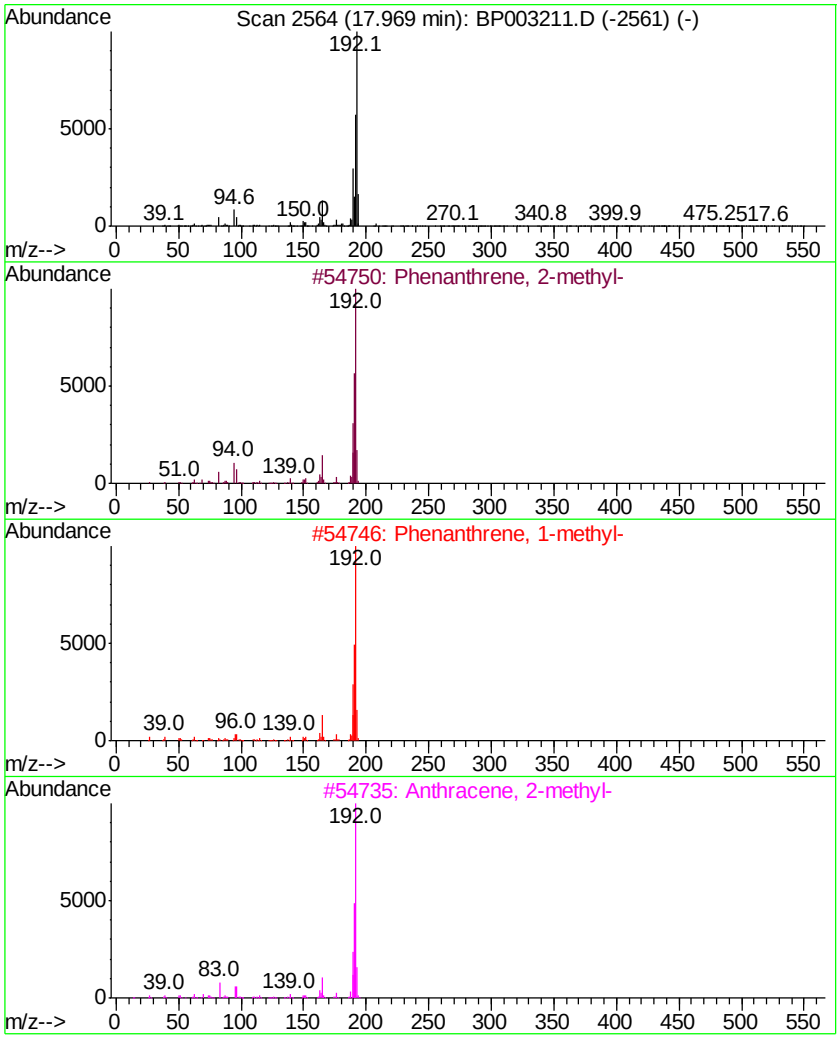
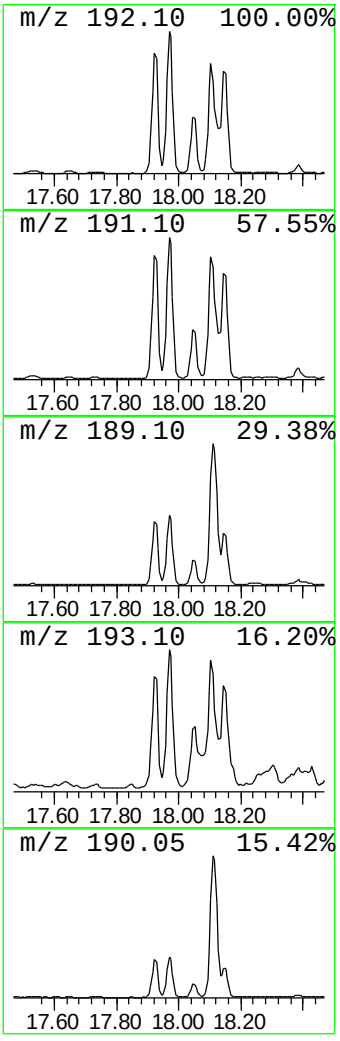
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	14.92 ng	2528730	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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

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

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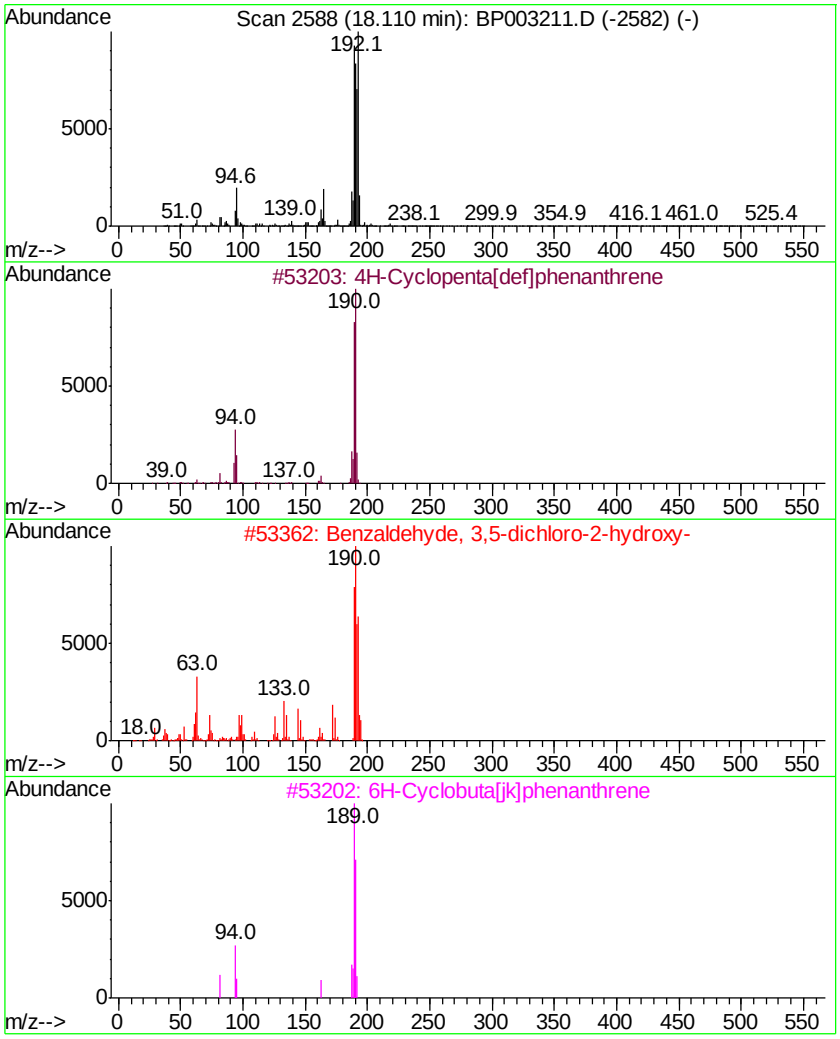
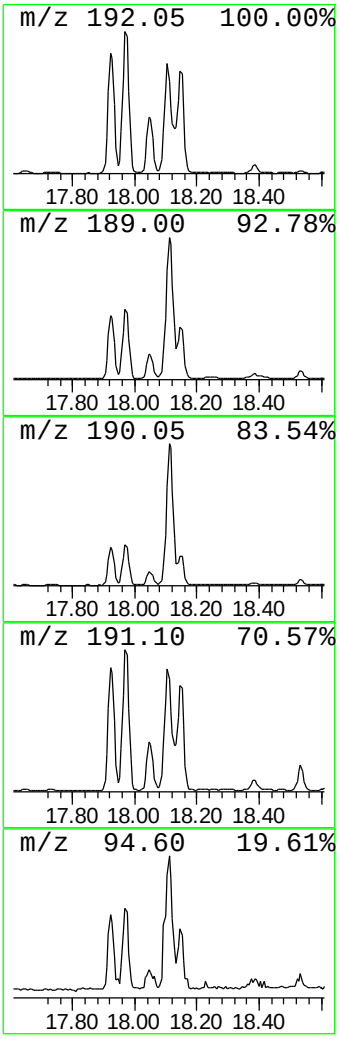
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	18.56 ng	3146110	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





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ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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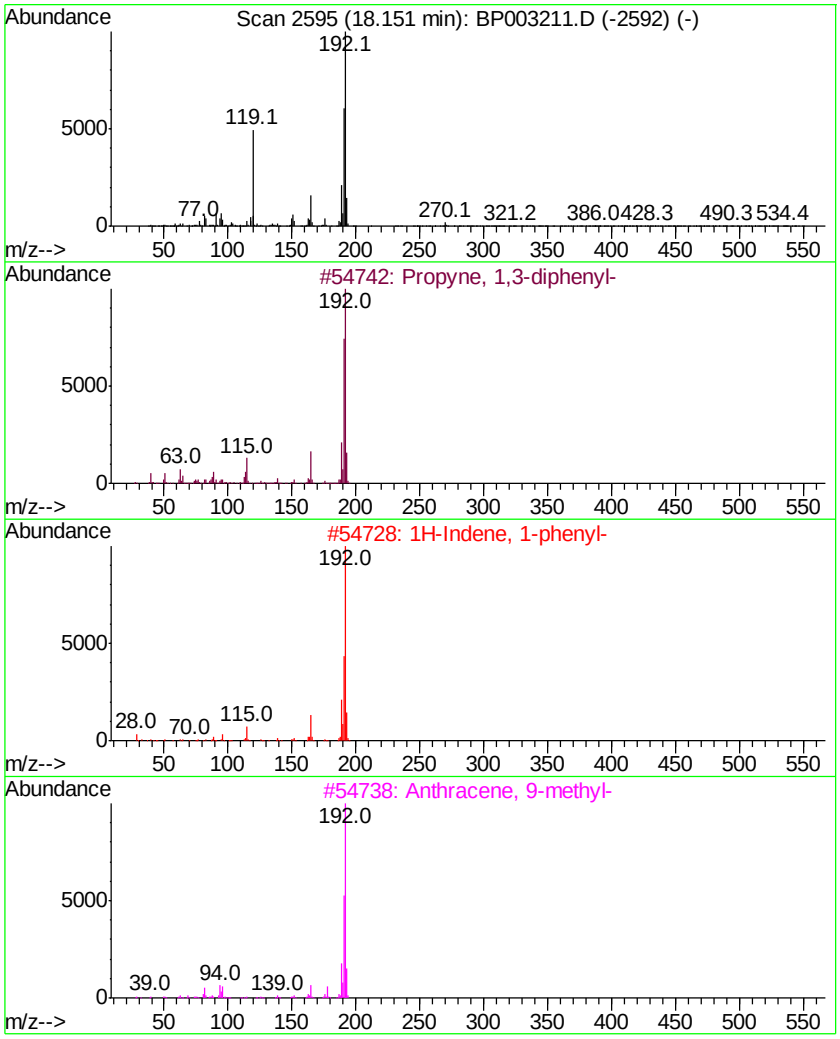
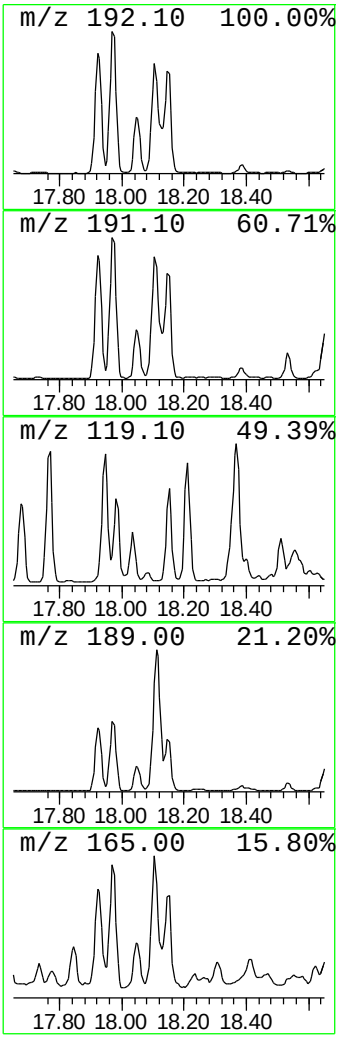
Peak Number 15 Propyne, 1,3-diphenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	10.60 ng	1796350	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64





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ClientSampleId : TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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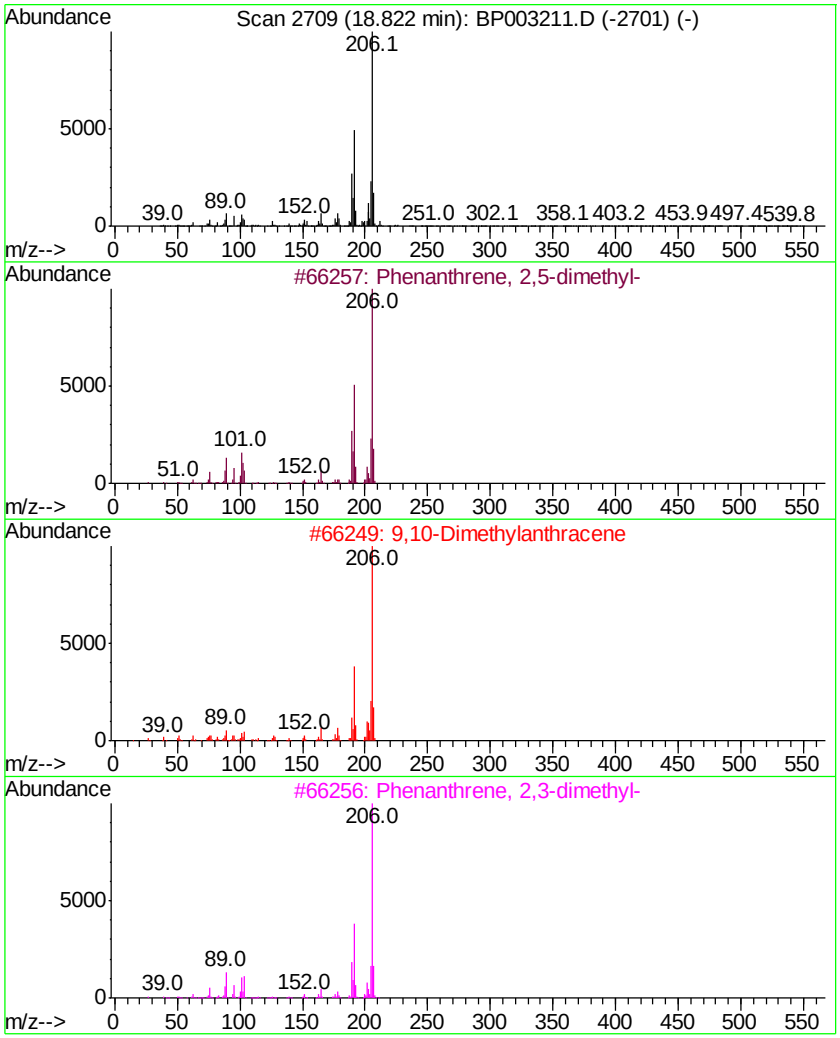
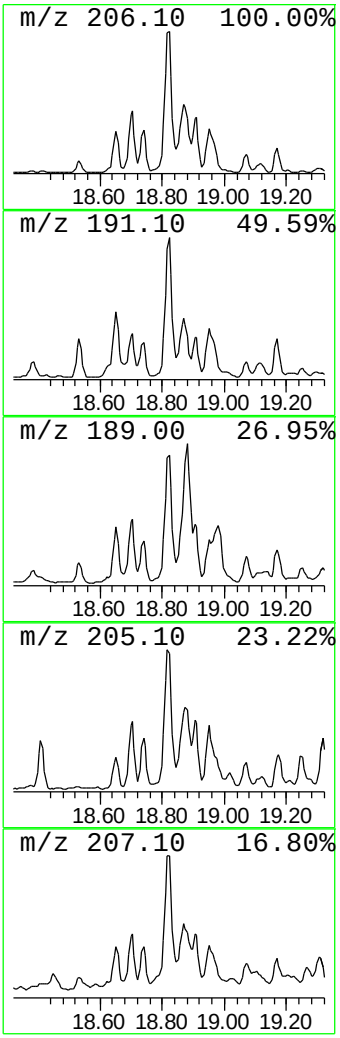
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	15.27 ng	2587100	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Library Search Compound Report

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Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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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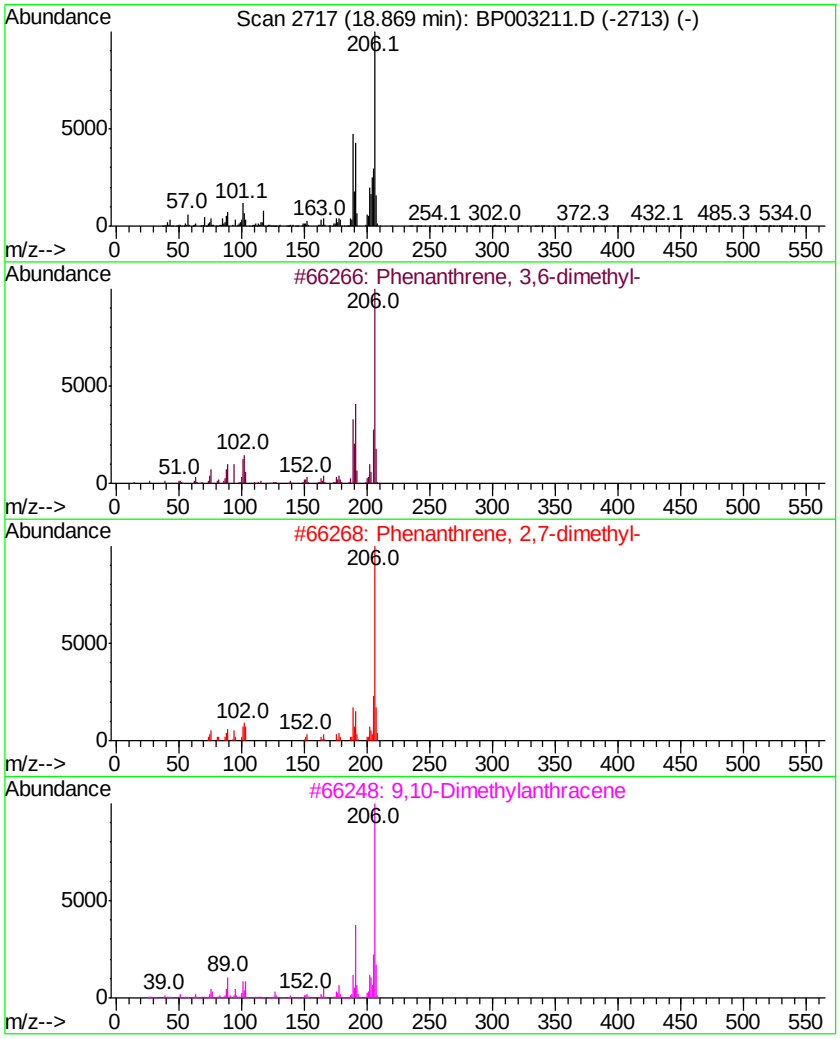
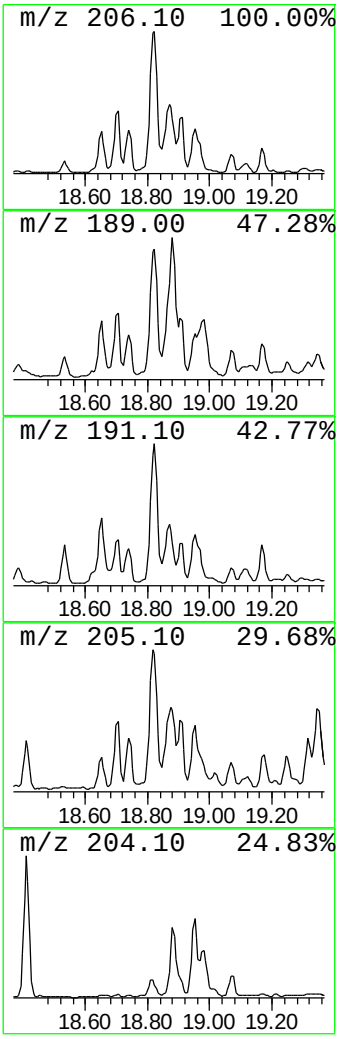
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	7.25 ng	1228250	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	49
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46





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Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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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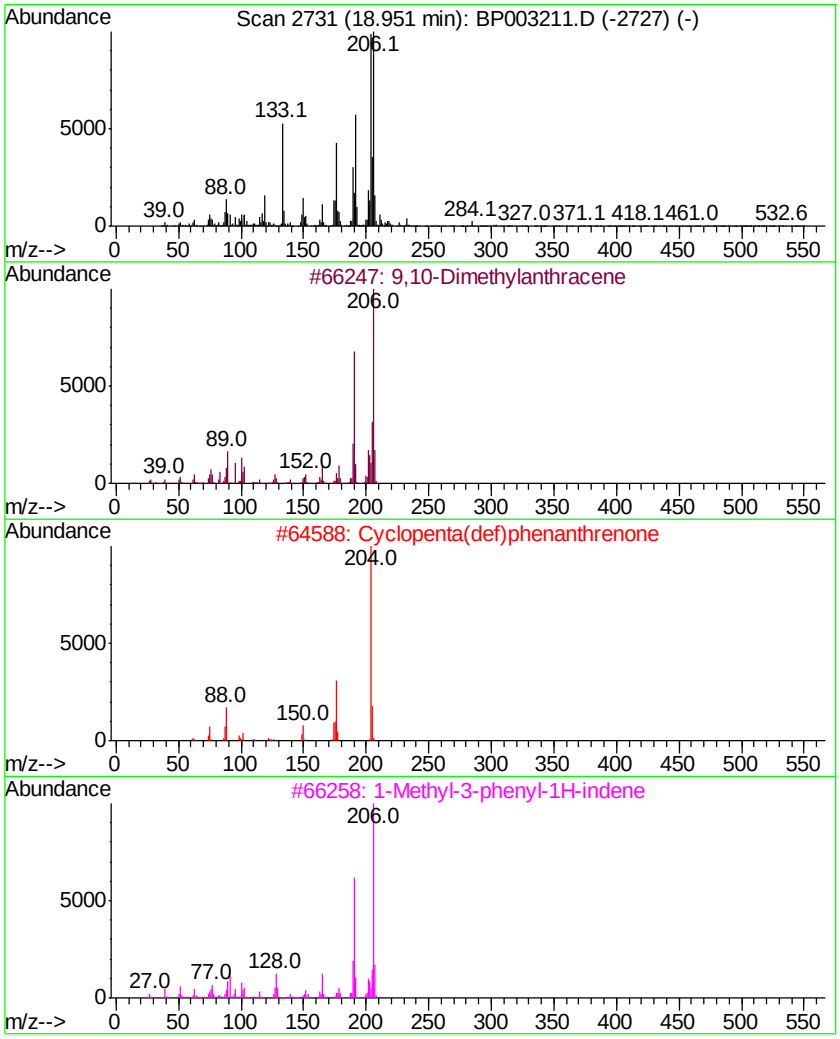
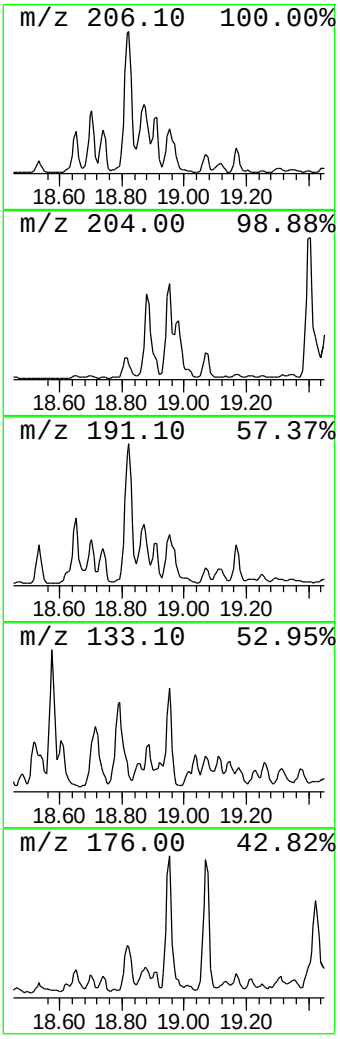
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	10.44 ng	1769590	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	60
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	60
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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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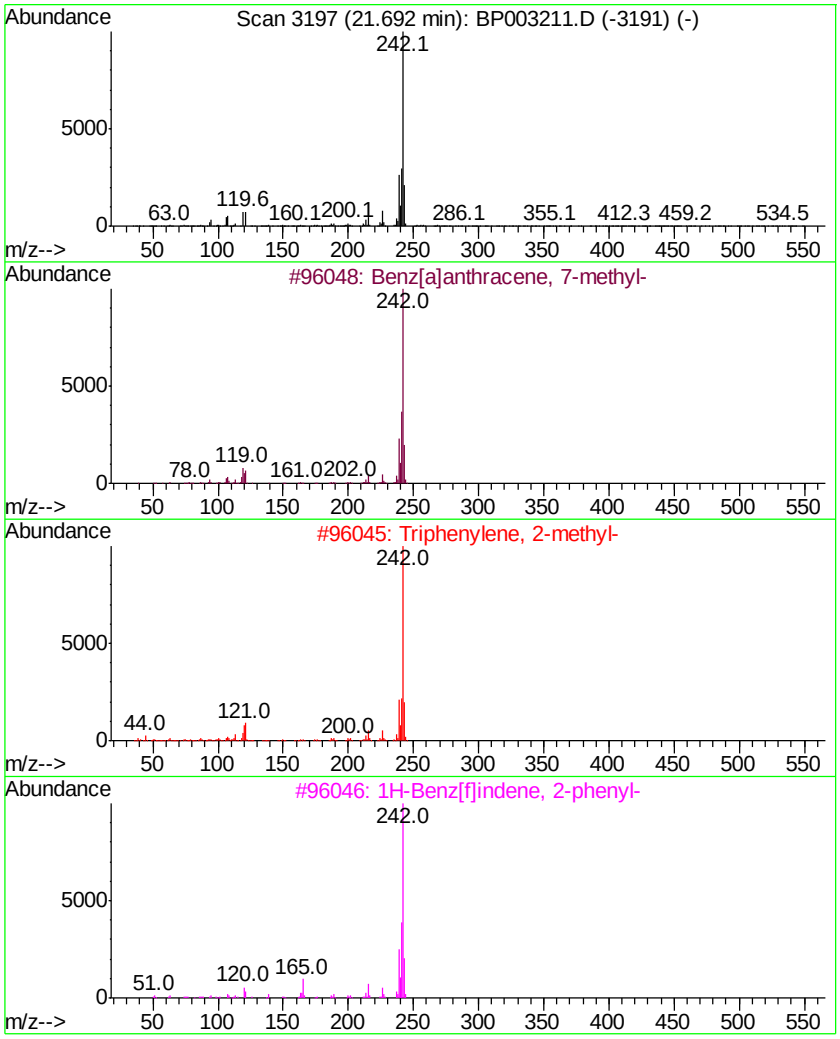
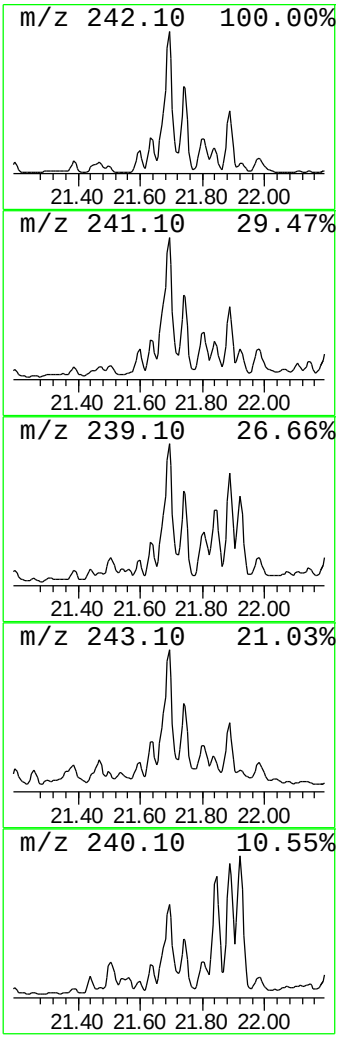
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	8.40 ng	3403790	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	2-Methylchrysene	242	C19H14	003351-32-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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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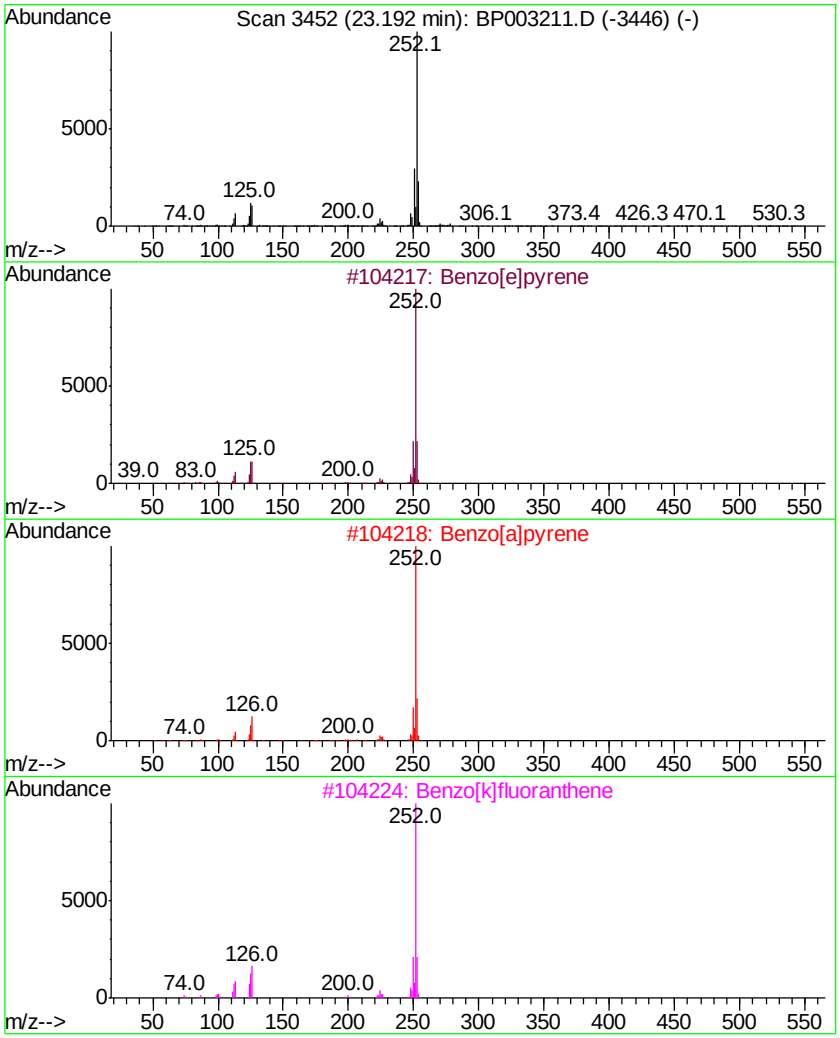
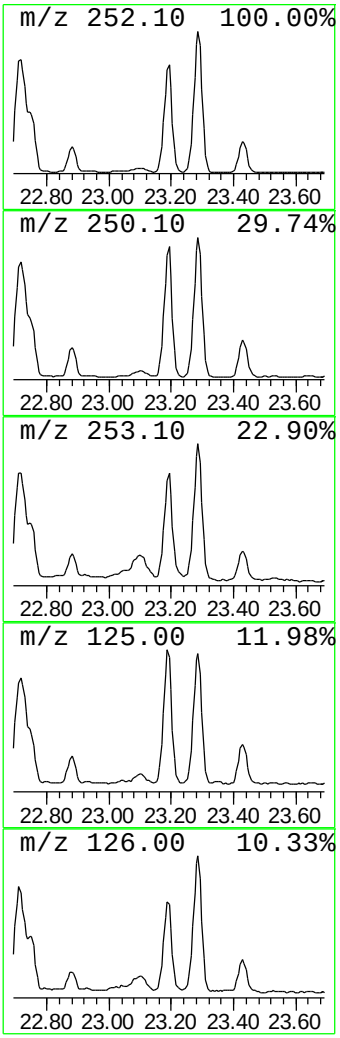
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	31.62 ng	3989210	Perylene-d12	23.38

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	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090420\
Data File : BP003211.D
Acq On : 04 Sep 2020 14:59
Operator : CG/JU
Sample : L3877-12 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3

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
Styrene	5.67	16.4	ng	1310150	1	7.65	1601510	20.0
Benzene, 1-etheny...	7.32	25.5	ng	2041720	1	7.65	1601510	20.0
Benzene, 1-etheny...	7.40	10.8	ng	861369	1	7.65	1601510	20.0
Indene	8.19	14.9	ng	1190980	1	7.65	1601510	20.0
Benzene, 1-etheny...	8.92	8.5	ng	679240	1	7.65	1601510	20.0
Benzenemethanethi...	9.46	11.7	ng	1451450	2	10.43	2482860	20.0
1H-Indene, 1-methyl-	9.87	9.7	ng	1203600	2	10.43	2482860	20.0
2-Methylindene	9.97	7.3	ng	901338	2	10.43	2482860	20.0
o-Cymene	10.95	12.7	ng	1573710	2	10.43	2482860	20.0
Benzene, 1-methyl...	11.08	14.5	ng	1805020	2	10.43	2482860	20.0
Benzene, (1-bromo...	13.17	7.7	ng	1225940	3	14.29	3166350	20.0
Anthracene, 2-met...	17.93	15.6	ng	2643030	4	17.05	3389370	20.0
Phenanthrene, 2-m...	17.97	14.9	ng	2528730	4	17.05	3389370	20.0
4H-Cyclopenta[def...	18.11	18.6	ng	3146110	4	17.05	3389370	20.0
Propyne, 1,3-diph...	18.15	10.6	ng	1796350	4	17.05	3389370	20.0
Phenanthrene, 2,5...	18.82	15.3	ng	2587100	4	17.05	3389370	20.0
Phenanthrene, 3,6...	18.87	7.3	ng	1228250	4	17.05	3389370	20.0
9,10-Dimethylanth...	18.95	10.4	ng	1769590	4	17.05	3389370	20.0
Benz[a]anthracene...	21.69	8.4	ng	3403790	5	21.15	8100540	20.0
Benzo[e]pyrene	23.19	31.6	ng	3989210	6	23.38	2523380	20.0