LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018945.D
Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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_M\METHODS\8270-BM021119.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	5.287	368	374	383	rBV	5512357	7859959	79.44%	4.889%
2	5.698	437	444	455	rBV	260025	501117	5.06%	0.312%
3	6.875	631	644	659	rBV	5209785	8527471	86.19%	5.305%
4	7.228	697	704	714	rBV	5482685	8603125	86.95%	5.352%
5	7.351	718	725	733	rVV	284198	610634	6.17%	0.380%
6	7.434	733	739	746	rVB	145960	259890	2.63%	0.162%
7	7.692	777	783	790	rBV	1356657	2135827	21.59%	1.329%
8	7.816	797	804	809	rBV	183817	274381	2.77%	0.171%
9	8.010	830	837	843	rVV	3755393	5873920	59.37%	3.654%
10	8.222	865	873	884	rBV	320227	614533	6.21%	0.382%
11	8.863	974	982	992	rBV	2991562	4918233	49.71%	3.060%
12	8.951	992	997	1010	rVV2	90543	258457	2.61%	0.161%
13	9.057	1010	1015	1028	rVB2	74387	143775	1.45%	0.089%
14	9.504	1085	1091	1101	rVB	596300	1017983	10.29%	0.633%
15	9.910	1148	1160	1167	rBV4	85633	236845	2.39%	0.147%
16	10.016	1174	1178	1184	rVB	112307	188793	1.91%	0.117%
17	10.480	1250	1257	1261	rBV	1562774	2586345	26.14%	1.609%
18	10.528	1261	1265	1278	rVV	2026094	3352231	33.88%	2.085%
19	10.651	1281	1286	1297	rVB	74353	148370	1.50%	0.092%
20	10.986	1337	1343	1352	rVB	463603	776147	7.84%	0.483%
21	11.128	1360	1367	1381	rBV	494846	866226	8.76%	0.539%
22	12.145	1528	1540	1553	rBV2	975710	1776333	17.95%	1.105%
23	12.298	1556	1566	1571	rVV	148606	276303	2.79%	0.172%
24	12.369	1572	1578	1587	rVB2	442502	800670	8.09%	0.498%
25	12.545	1602	1608	1612	rBV	102517	161898	1.64%	0.101%
26	12.786	1643	1649	1655	rBV	162048	246973	2.50%	0.154%
27	12.957	1672	1678	1690	rVB	5239239	7513172	75.94%	4.674%
28	13.169	1702	1714	1719	rBV	261702	420662	4.25%	0.262%
29	13.227	1719	1724	1730	rBV	185013	321311	3.25%	0.200%
30	13.369	1743	1748	1751	rBV	102414	155935	1.58%	0.097%
31	13.498	1761	1770	1772	rBV2	157040	283402	2.86%	0.176%
32	13.663	1791	1798	1802	rBV	230342	439995	4.45%	0.274%
33	13.710	1802	1806	1814	rVB	156724	240830	2.43%	0.150%
34	13.804	1814	1822	1829	rVB	390469	589981	5.96%	0.367%

LSC Area Percent Report

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Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.898	1829	1838	1841	rBV3	105585	174910	1.77%	0.109%
36	14.069	1861	1867	1877	rVB	298728	479540	4.85%	0.298%
37	14.233	1889	1895	1899	rBV3	58190	114808	1.16%	0.071%
38	14.345	1901	1914	1920	rVV2	1888870	3165250	31.99%	1.969%
39	14.410	1920	1925	1933	rVB	1382767	2087340	21.10%	1.298%
40	14.551	1944	1949	1958	rBV2	58126	134903	1.36%	0.084%
41	14.657	1961	1967	1971	rBV2	92365	148655	1.50%	0.092%
42	14.745	1977	1982	1990	rVB	1093977	1512209	15.28%	0.941%
43	14.957	2013	2018	2023	rBV4	70553	130331	1.32%	0.081%
44	15.127	2041	2047	2051	rBV2	76169	152140	1.54%	0.095%
45	15.398	2087	2093	2101	rBV	1839413	2560208	25.88%	1.593%
46	15.486	2104	2108	2111	rBV	78059	117075	1.18%	0.073%
47	15.521	2111	2114	2116	rVV	107679	135650	1.37%	0.084%
48	15.557	2116	2120	2125	rVB	195932	268260	2.71%	0.167%
49	15.686	2138	2142	2149	rVB	278128	414064	4.19%	0.258%
50	15.845	2160	2169	2177	rVB	4336674	6553891	66.24%	4.077%
51	16.080	2205	2209	2218	rVB	358977	540894	5.47%	0.336%
52	16.174	2219	2225	2230	rBV	569877	931029	9.41%	0.579%
53	16.233	2230	2235	2241	rVV2	598224	1153990	11.66%	0.718%
54	16.292	2241	2245	2249	rVV2	523395	774379	7.83%	0.482%
55	16.333	2249	2252	2257	rVV	283241	360372	3.64%	0.224%
56	16.398	2257	2263	2268	rVV4	359397	812524	8.21%	0.505%
57	16.445	2268	2271	2275	rVV3	201042	279245	2.82%	0.174%
58	16.492	2275	2279	2285	rVB4	391926	693281	7.01%	0.431%
59	16.557	2285	2290	2294	rBV	512322	715078	7.23%	0.445%
60	16.598	2294	2297	2300	rVV2	148893	209878	2.12%	0.131%
61	16.633	2300	2303	2307	rVB2	302322	350543	3.54%	0.218%
62	16.762	2320	2325	2330	rVB4	101030	194006	1.96%	0.121%
63	16.915	2347	2351	2357	rVB	460850	676368	6.84%	0.421%
64	17.098	2376	2382	2385	rBV	2058793	2893690	29.25%	1.800%
65	17.145	2385	2390	2396	rVV	7087118	9893865	100.00%	6.155%
66	17.233	2399	2405	2409	rVV	1171832	1638163	16.56%	1.019%
67	17.292	2412	2415	2421	rVB2	127464	211720	2.14%	0.132%
68	17.380	2427	2430	2438	rVB7	87834	178562	1.80%	0.111%
69	17.509	2448	2452	2459	rVB	330142	468082	4.73%	0.291%
70	17.615	2466	2470	2476	rVB2	126321	178062	1.80%	0.111%
71	17.680	2477	2481	2489	rVB3	82939	155944	1.58%	0.097%

LSC Area Percent Report

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Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.980	2526	2532	2535	rBV2	1016389	1785205	18.04%	1.111%
73	18.021	2535	2539	2544	rVB	886475	1262966	12.77%	0.786%
74	18.098	2549	2552	2558	rVV	289490	430013	4.35%	0.267%
75	18.168	2558	2564	2568	rVV3	1134527	1928017	19.49%	1.199%
76	18.204	2568	2570	2577	rVB	349044	413543	4.18%	0.257%
77	18.280	2579	2583	2587	rBV4	138062	202359	2.05%	0.126%
78	18.480	2612	2617	2621	rVB	489170	643832	6.51%	0.401%
79	18.527	2622	2625	2627	rBV2	102514	116561	1.18%	0.073%
80	18.709	2651	2656	2664	rBV	3603685	4661409	47.11%	2.900%
81	18.768	2664	2666	2670	rVB	102116	117481	1.19%	0.073%
82	18.815	2671	2674	2677	rBV3	115274	151802	1.53%	0.094%
83	18.892	2683	2687	2693	rBV2	228528	431895	4.37%	0.269%
84	19.162	2727	2733	2738	rBV	6097745	7867847	79.52%	4.894%
85	19.209	2738	2741	2746	rVB2	457880	593715	6.00%	0.369%
86	19.268	2747	2751	2755	rBV2	347468	484603	4.90%	0.301%
87	19.492	2785	2789	2791	rBV	961376	1345318	13.60%	0.837%
88	19.527	2791	2795	2803	rVV	4297309	5985882	60.50%	3.724%
89	19.598	2803	2807	2813	rVB2	245459	392485	3.97%	0.244%
90	19.733	2822	2830	2834	rBV	5831408	7398302	74.78%	4.602%
91	19.845	2845	2849	2858	rBV2	258263	737663	7.46%	0.459%
92	20.021	2876	2879	2884	rVB	896269	1221305	12.34%	0.760%
93	20.121	2892	2896	2900	rBV2	886239	1143656	11.56%	0.711%
94	20.815	3011	3014	3018	rBV	508231	598218	6.05%	0.372%
95	20.945	3032	3036	3039	rBV2	1376673	1847813	18.68%	1.149%
96	21.292	3088	3095	3099	rBV2	3395359	6671280	67.43%	4.150%
97	21.327	3099	3101	3108	rVB	1374548	1601068	16.18%	0.996%
98	22.868	3359	3363	3368	rBV	727217	1537648	15.54%	0.957%
99	23.444	3457	3461	3470	rVB	902531	1648133	16.66%	1.025%
100	23.544	3473	3478	3483	rBV	1814079	3091973	31.25%	1.923%

Sum of corrected areas: 160752628

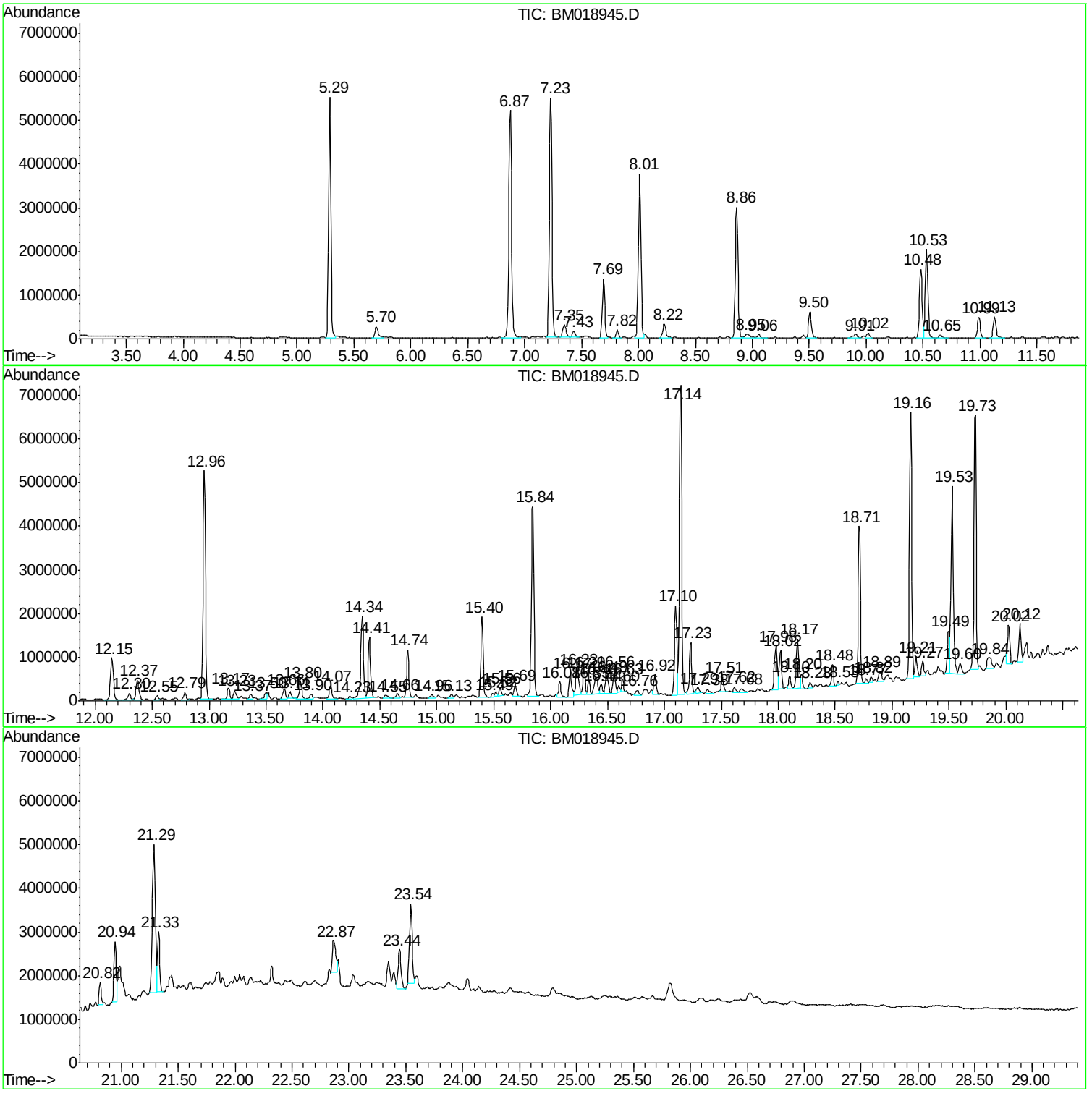
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018945.D
Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018945.D
Acq On : 27 Feb 2019 00:40
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

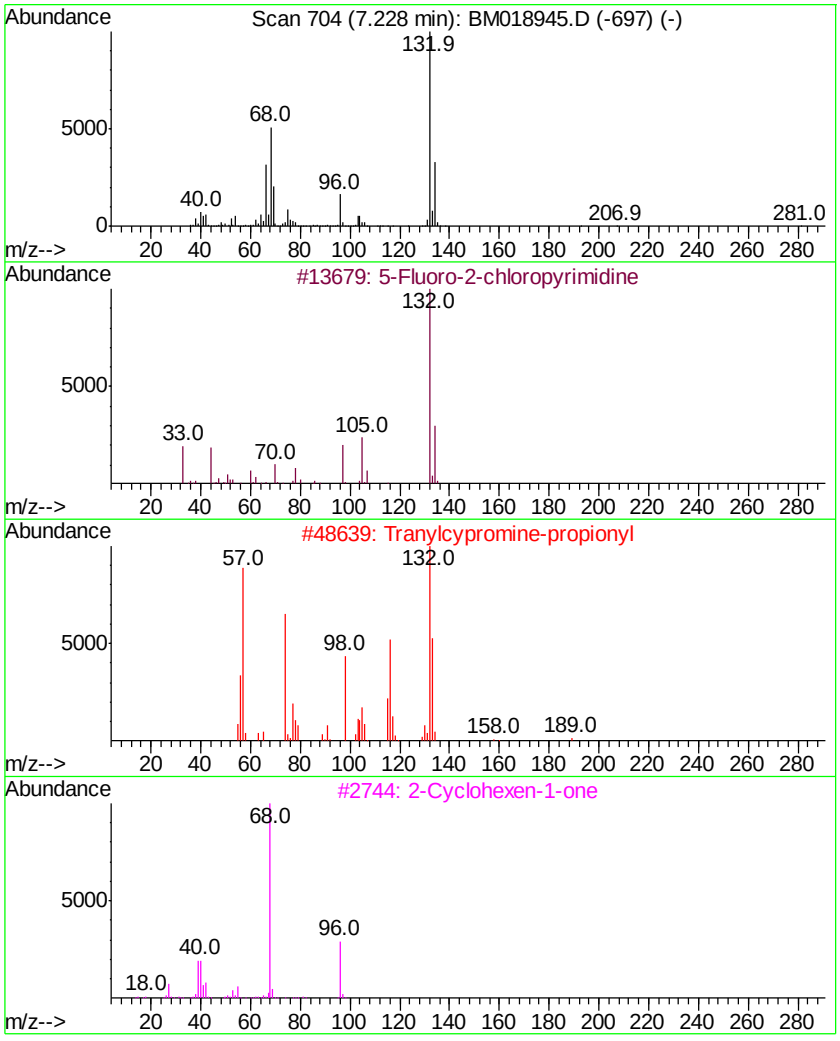
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

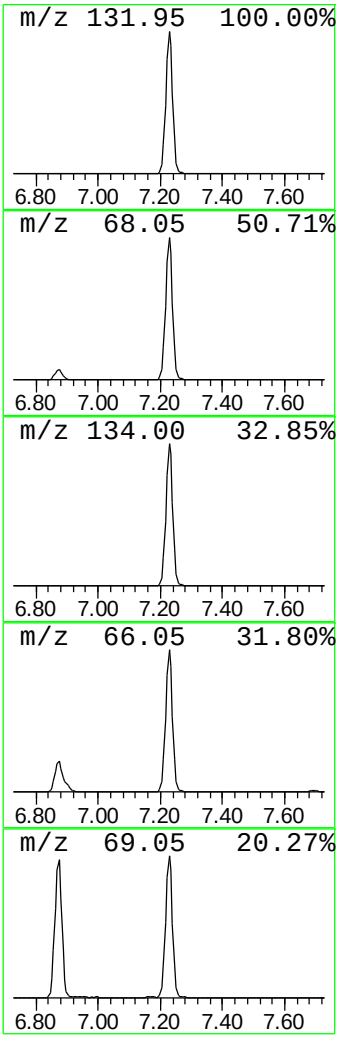
****

Peak Number 2 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	80.56 ng	8603130	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	Xenon	132	Xe	007440-63-3	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
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Misc :
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Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

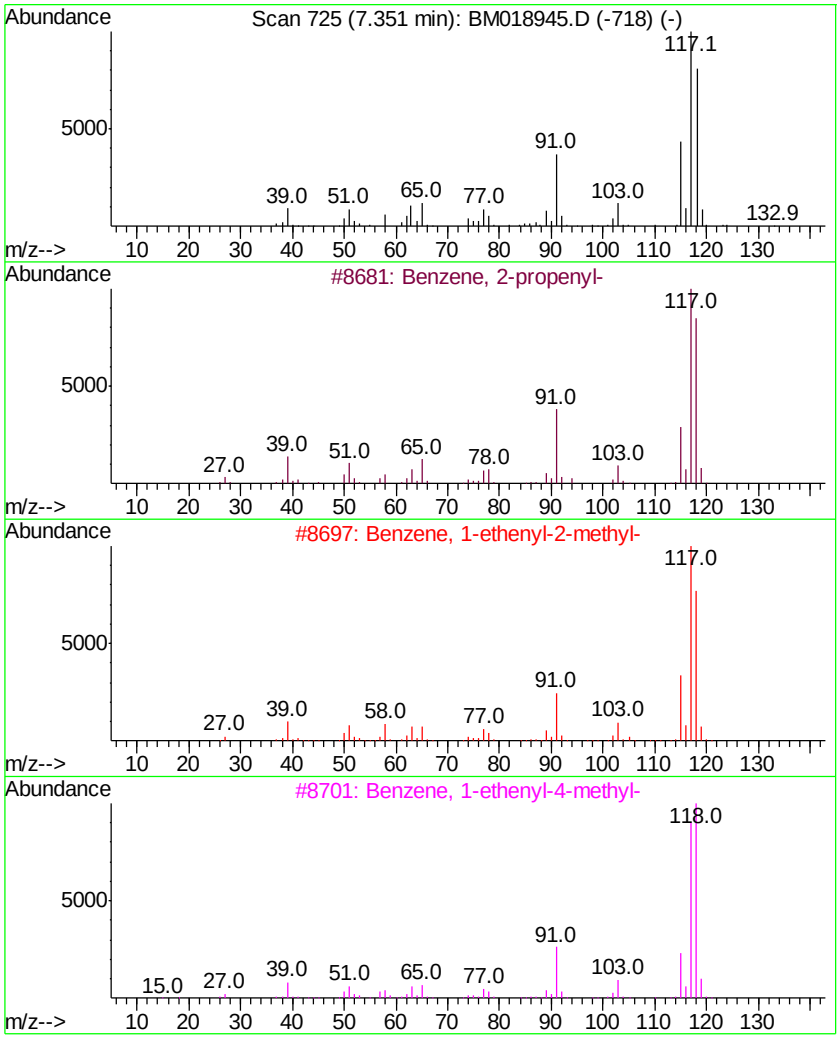
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

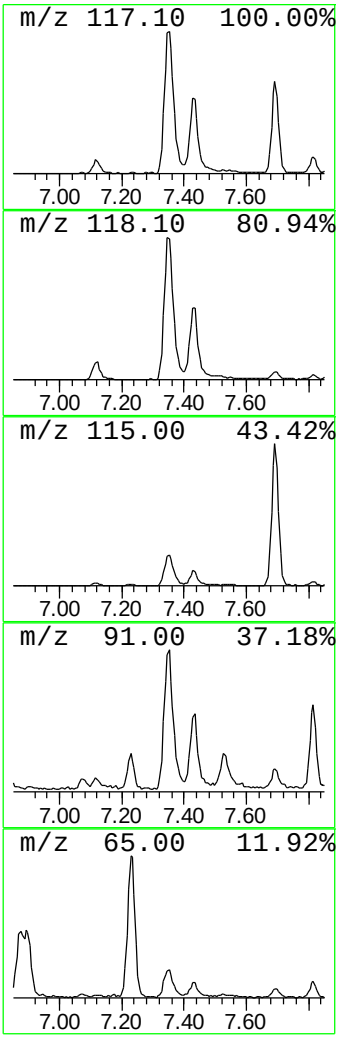
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	5.72 ng	610634	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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TIC Library : C:\DATABASE\NIST02.L
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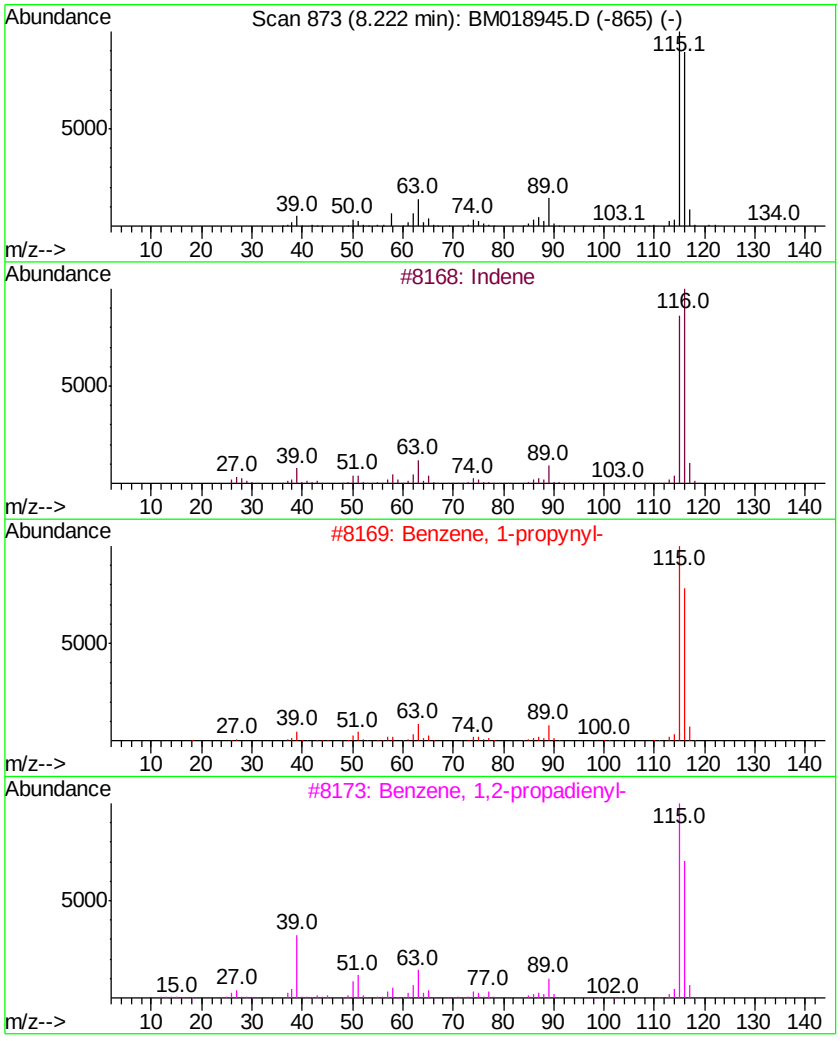
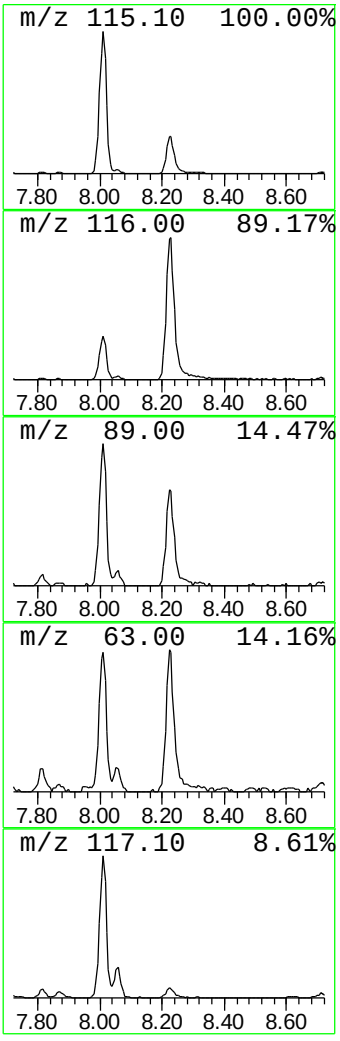
****

Peak Number 5 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	5.75 ng	614533	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	83





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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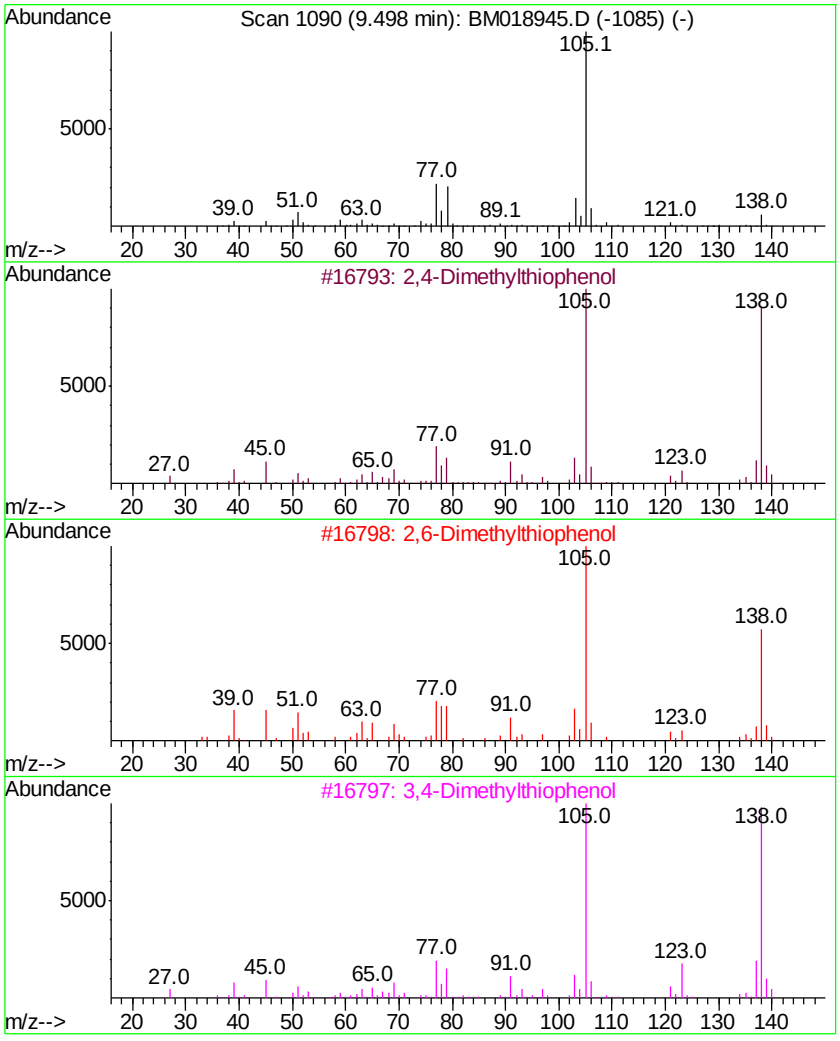
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

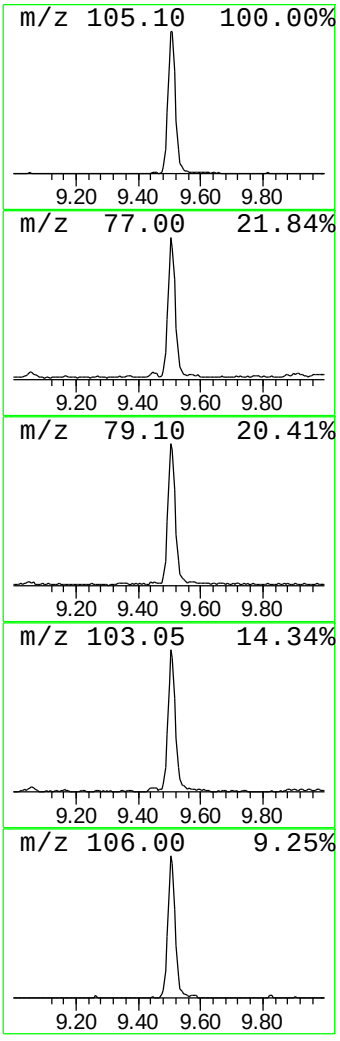
****

Peak Number 6 2,4-Dimethylthiophenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.87 ng	1017980	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	83
2	2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	83
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
5	Benzene, 1,1'-(1,2-dimethyl-1,2-...	210	C16H18	005789-35-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018945.D
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Sample : K1595-01
Misc :
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Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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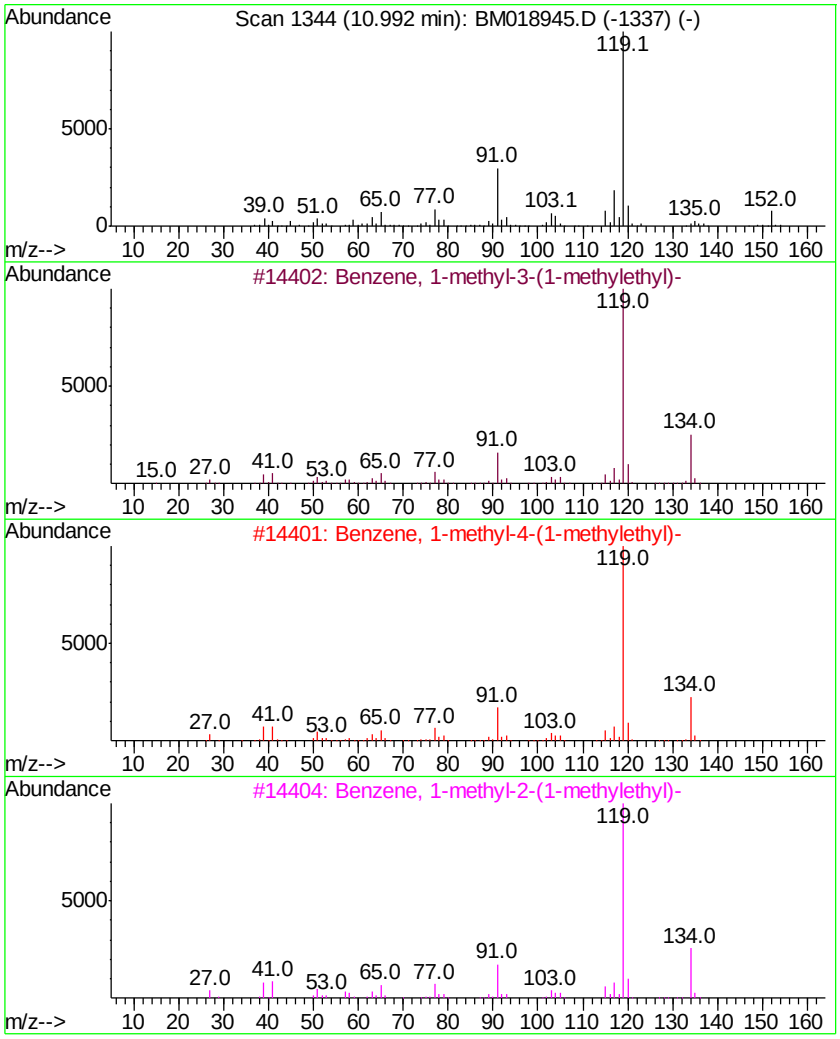
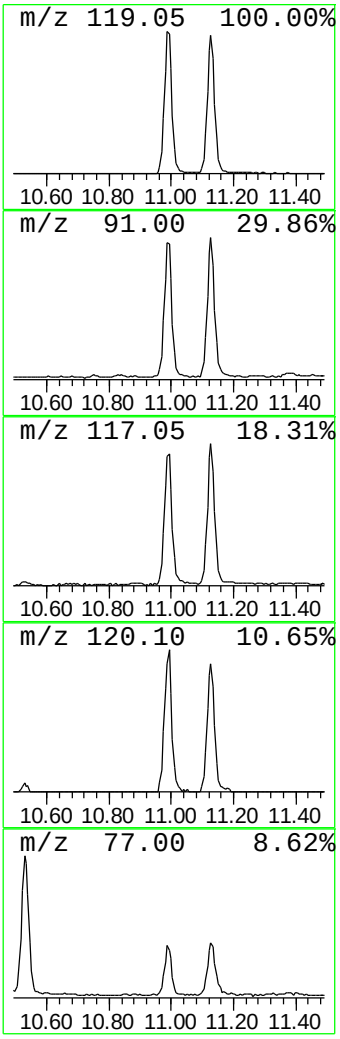
Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	6.00 ng	776147	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	90
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72





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Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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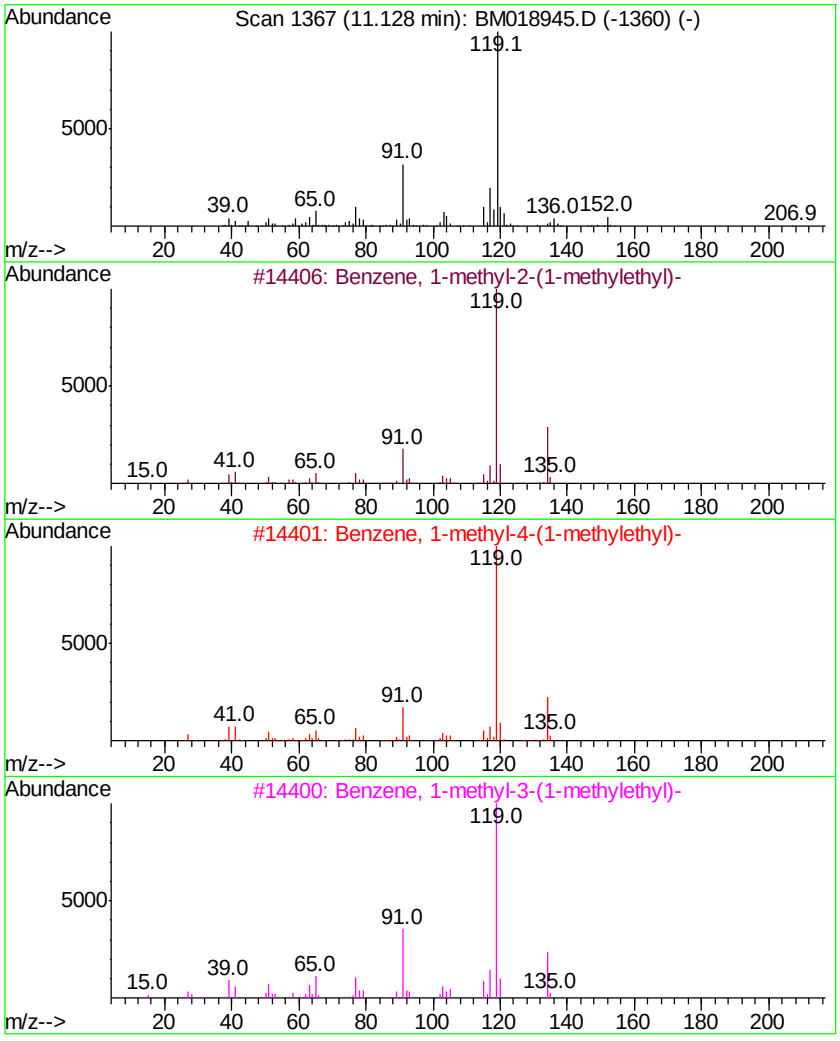
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

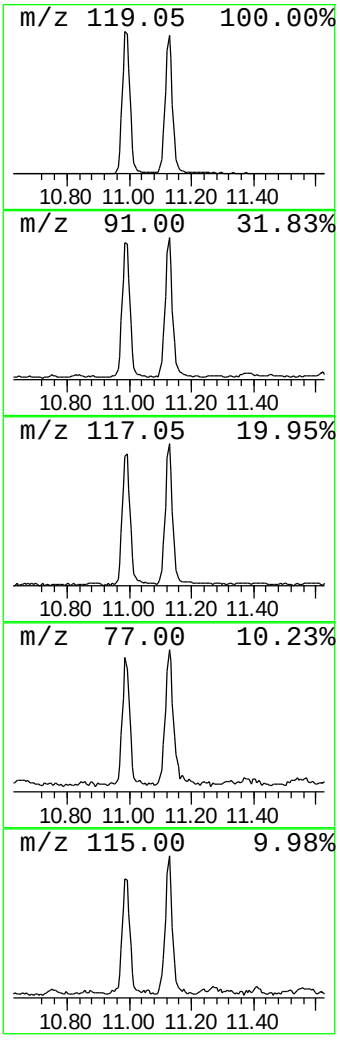
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	6.70 ng	866226	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64





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Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

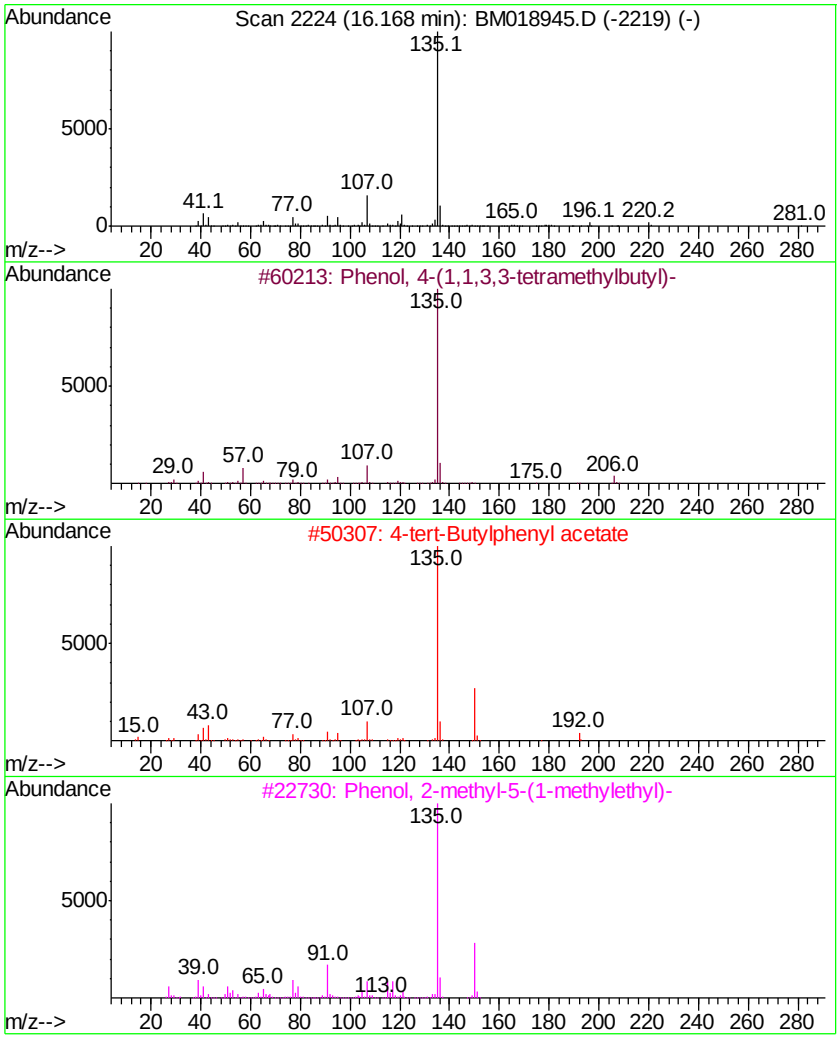
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

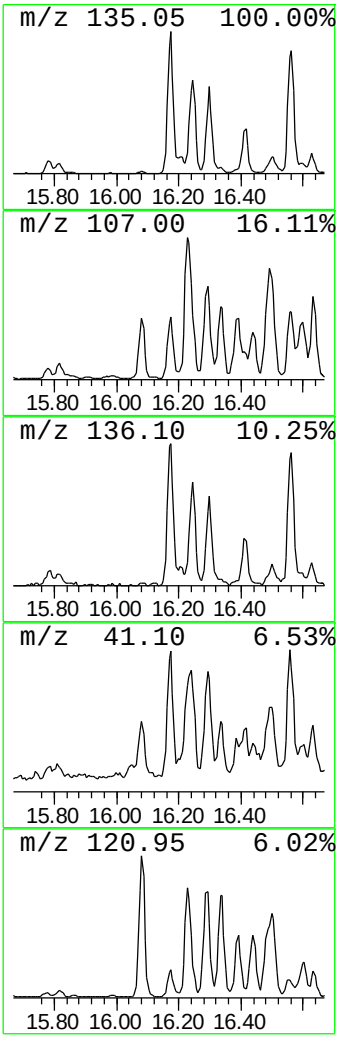
****

Peak Number 9 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	6.43 ng	931029	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64





Library Search Compound Report

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Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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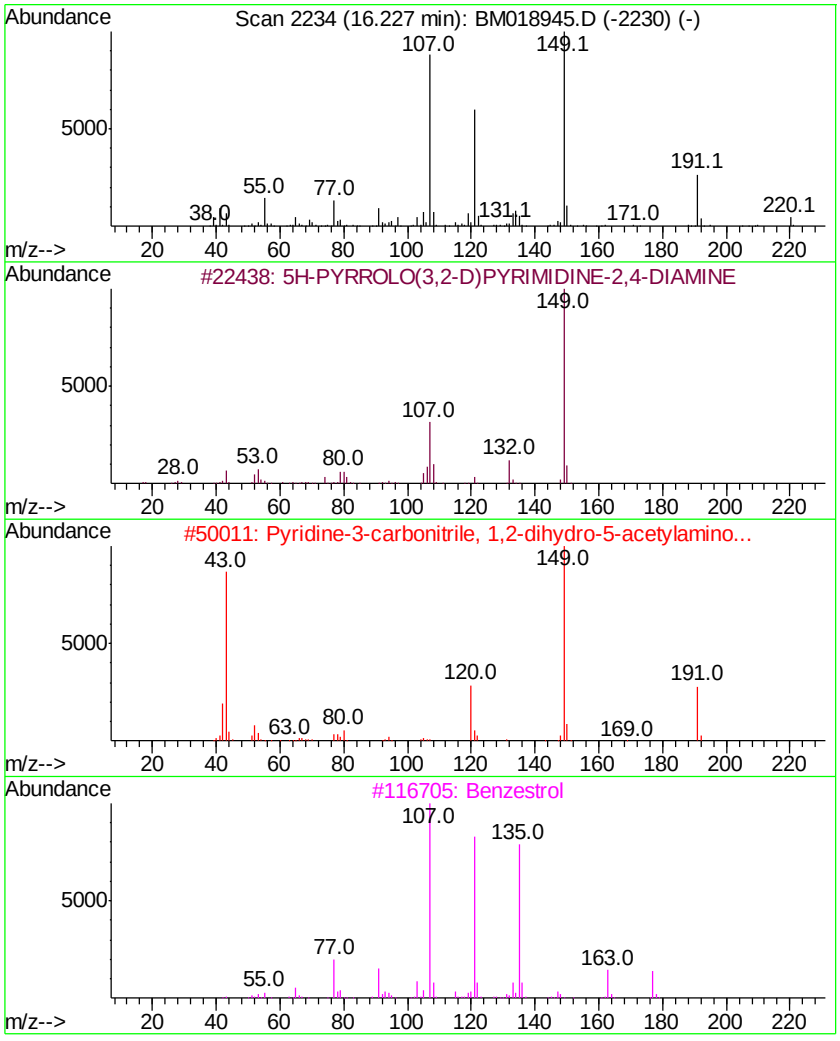
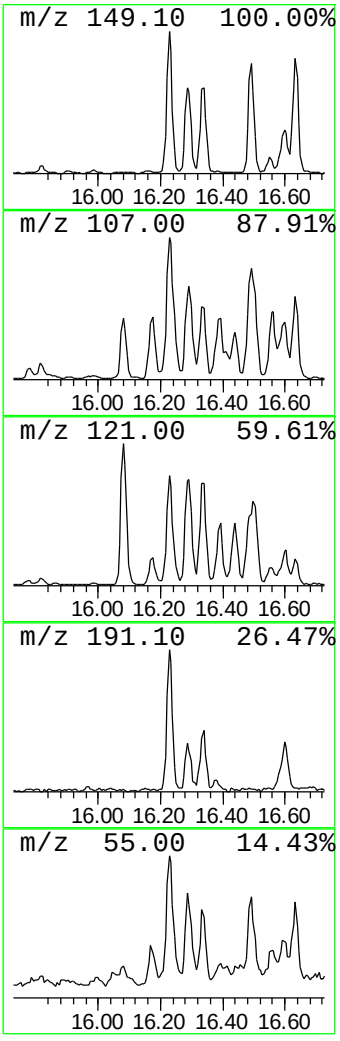
Peak Number 10 unknown16.23 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	7.98 ng	1153990	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
3	Benzestrol	298	C20H26O2	000085-95-0	38
4	1-(4-Ethoxyphenyl)acetone	178	C11H14O2	144818-72-4	35
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	22





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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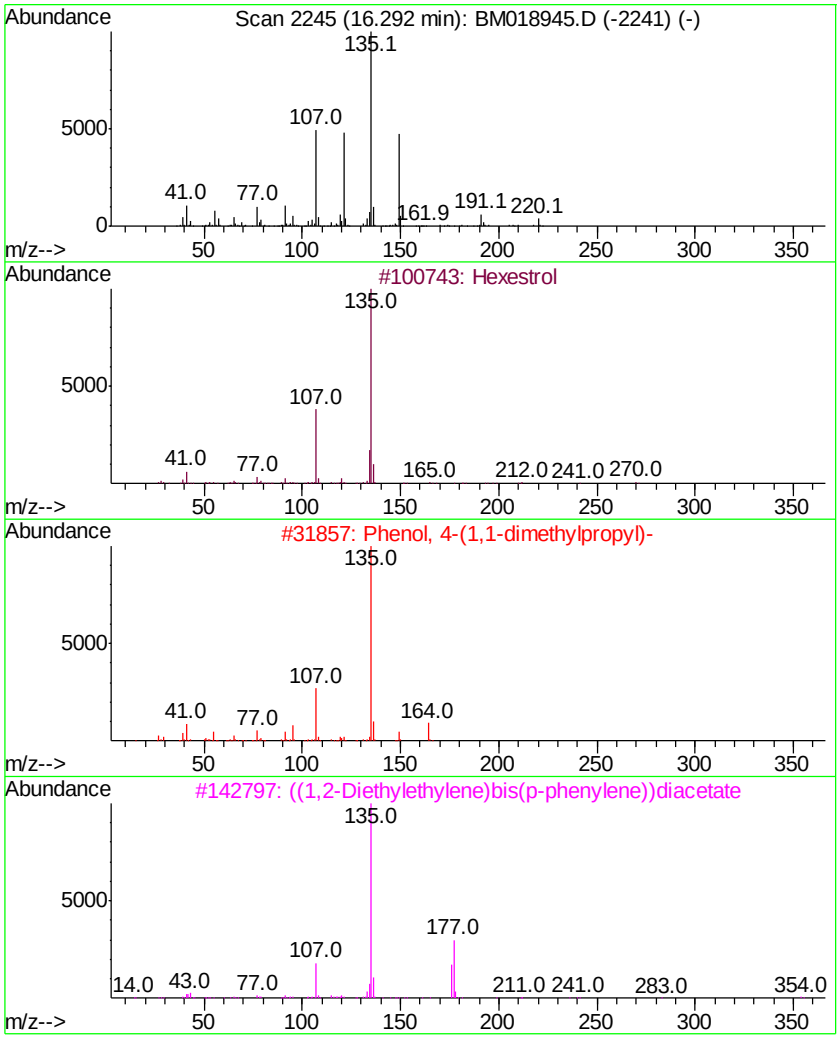
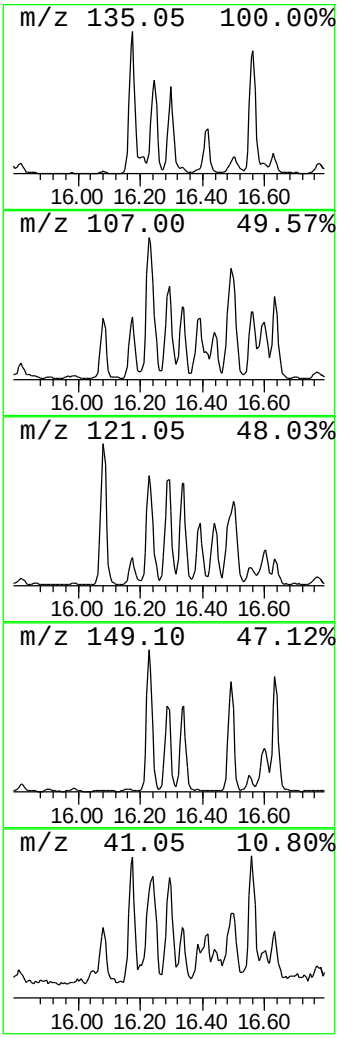
Peak Number 11 Hexestrol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	5.35 ng	774379	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	005635-50-7	50
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	43
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43





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Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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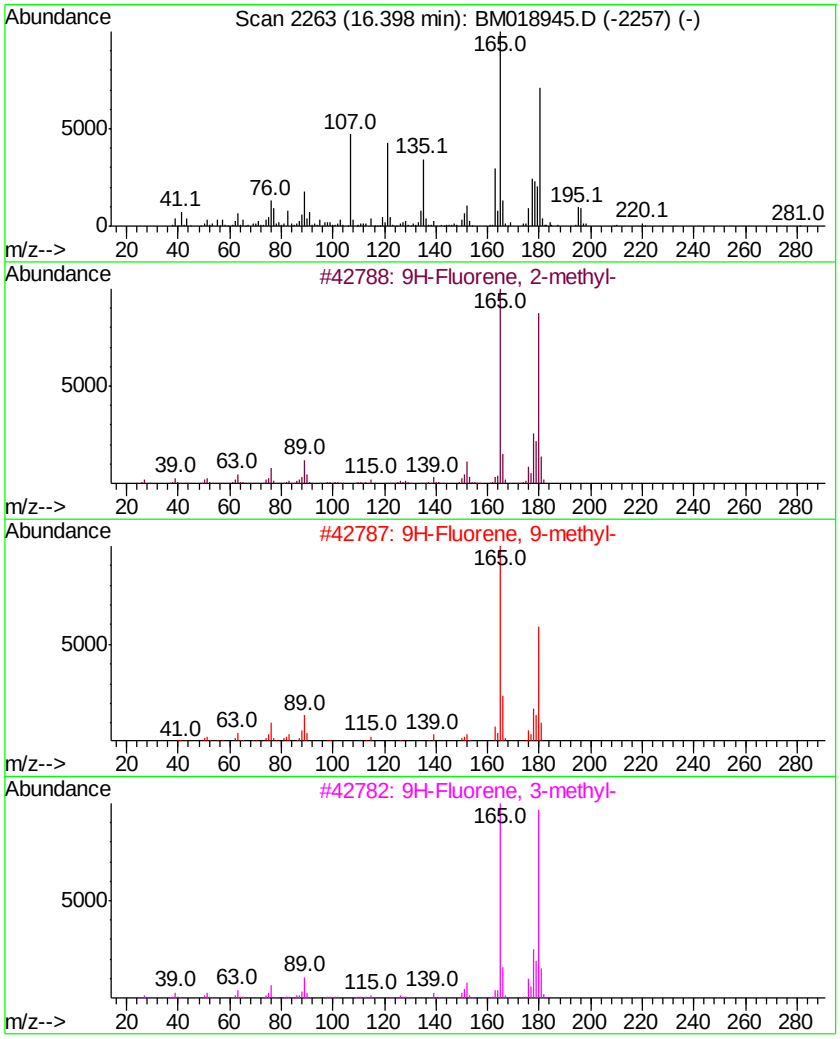
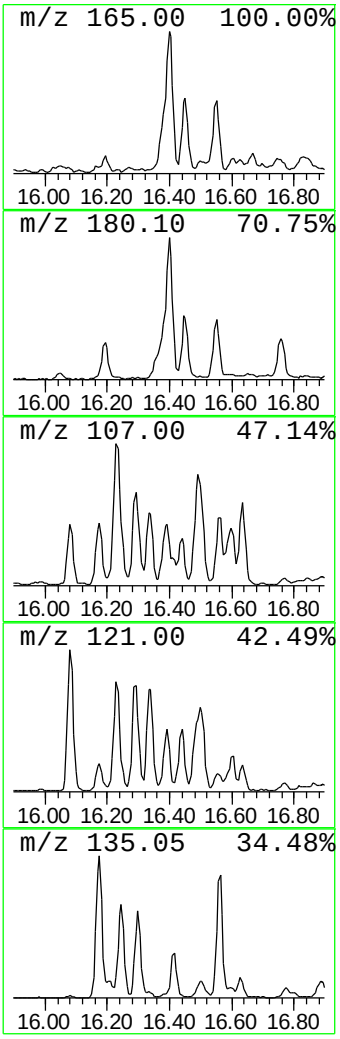
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	5.62 ng	812524	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	45
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	38





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Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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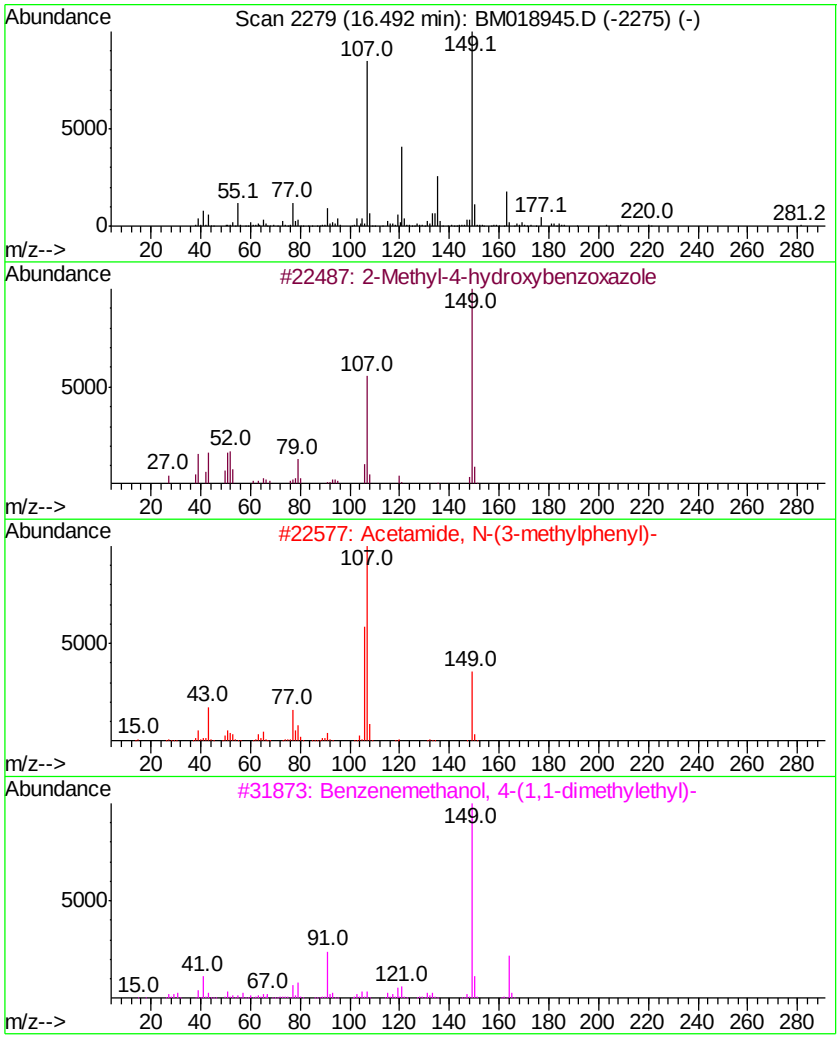
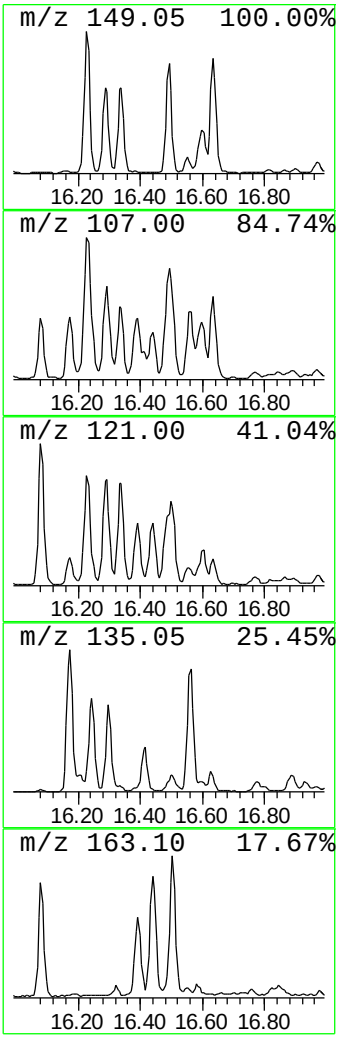
Peak Number 13 2-Methyl-4-hydroxybenzoxazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	4.79 ng	693281	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	38
4	1,3-Cyclohexadiene-1-carboxaldeh...	150	C10H14O	000116-26-7	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35





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Operator : JU/SJ
Sample : K1595-01
Misc :
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Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

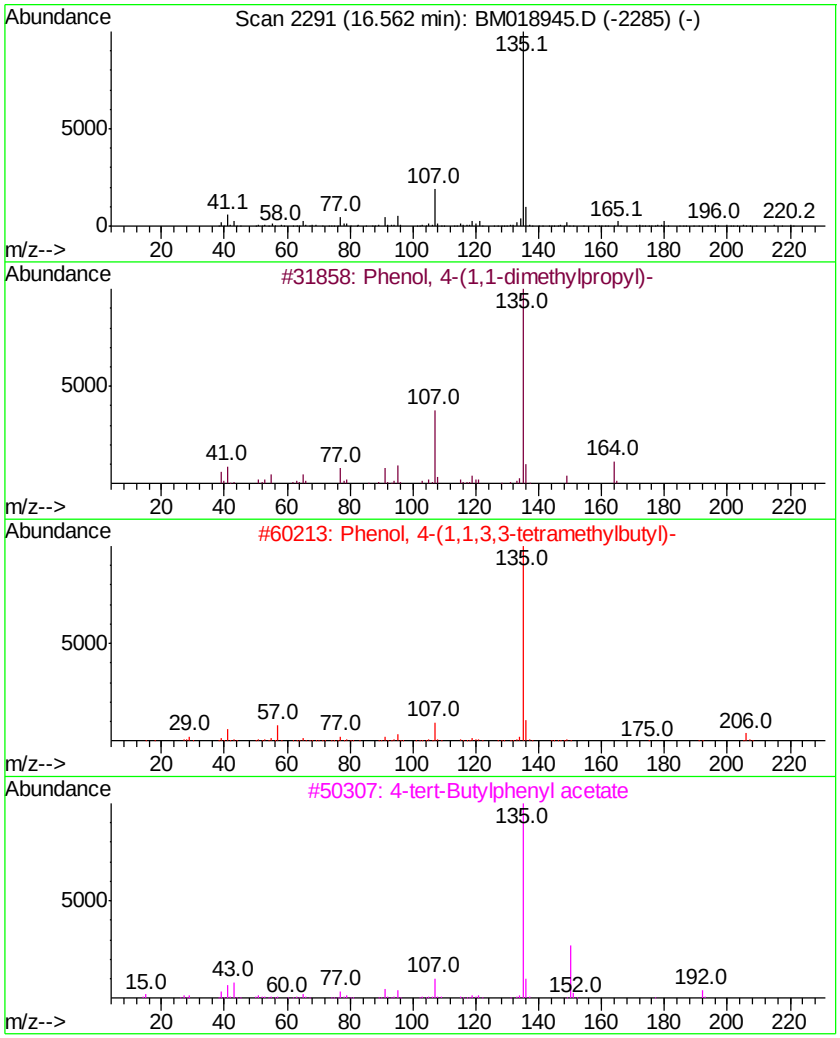
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

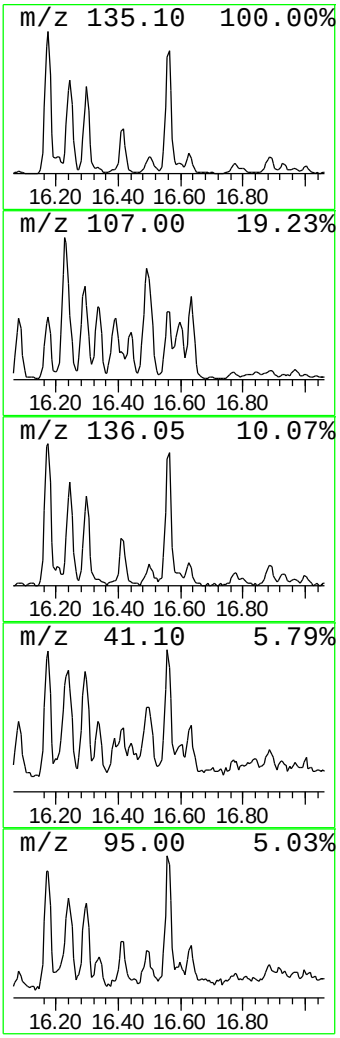
****

Peak Number 14 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	4.94 ng	715078	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	53
5	p-Methoxybenzoic acid, 2-methylp...	242	C15H14O3	007504-73-6	50





Library Search Compound Report

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Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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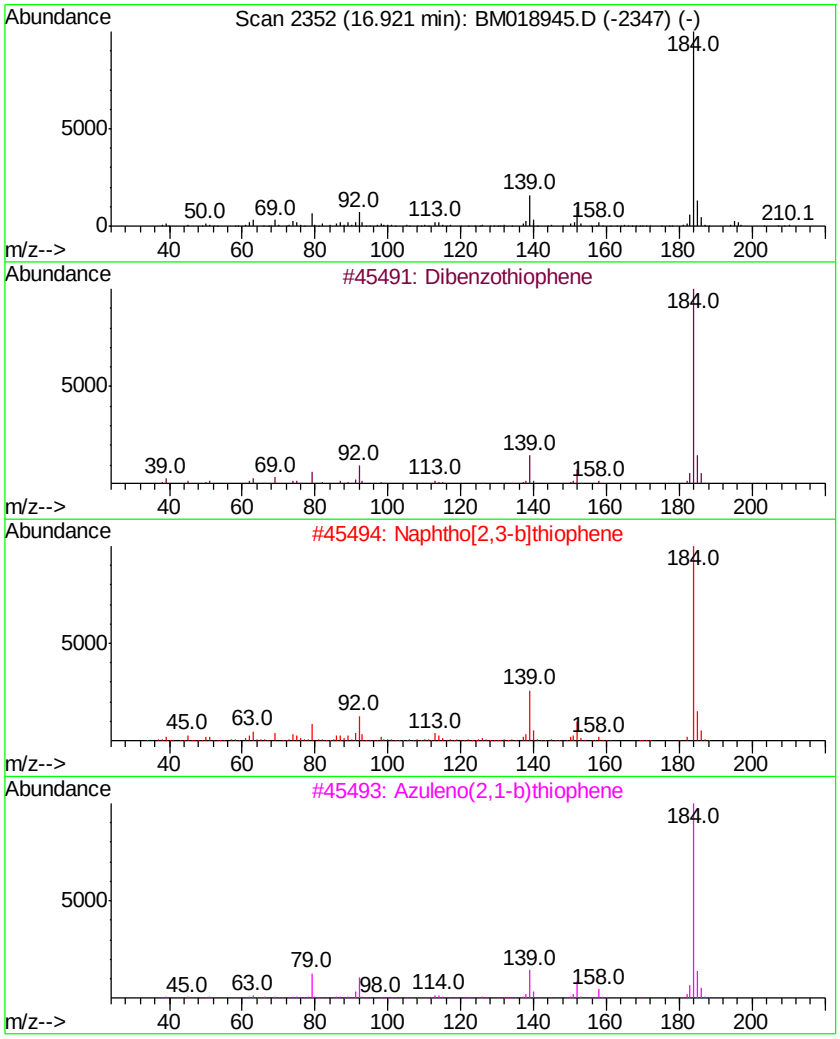
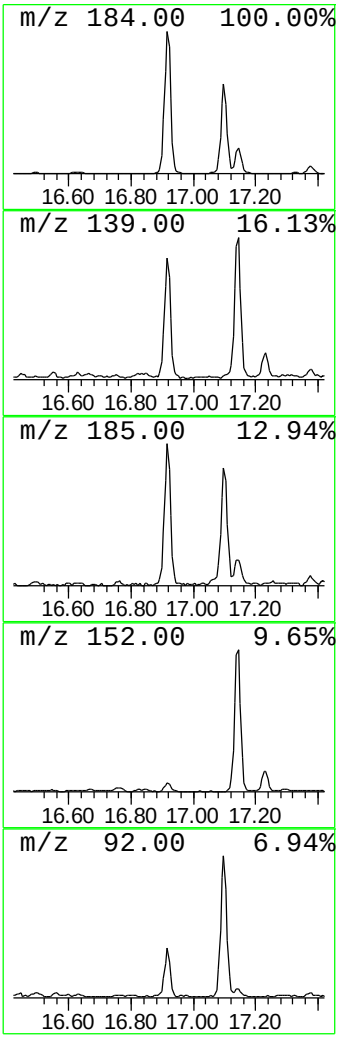
Peak Number 15 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	4.67 ng	676368	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

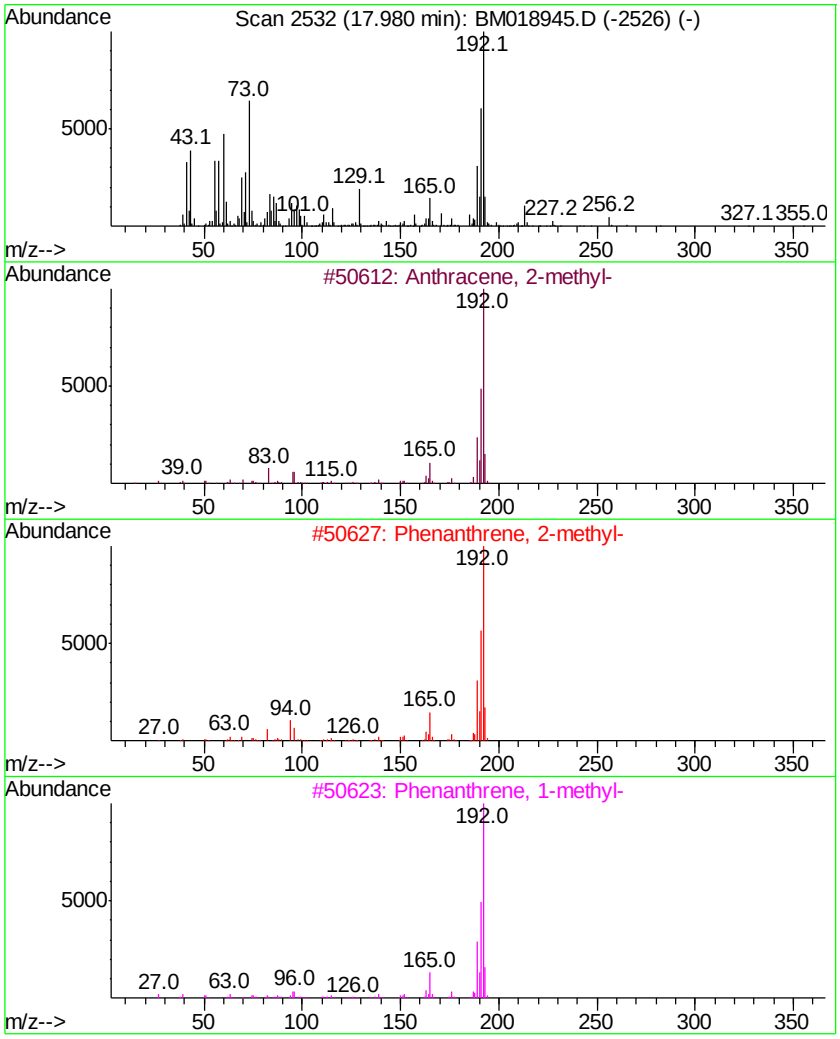
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

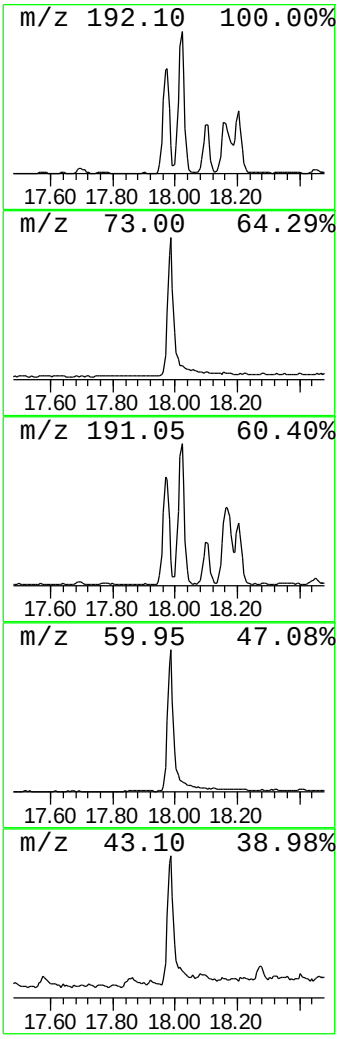
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	12.34 ng	1785210	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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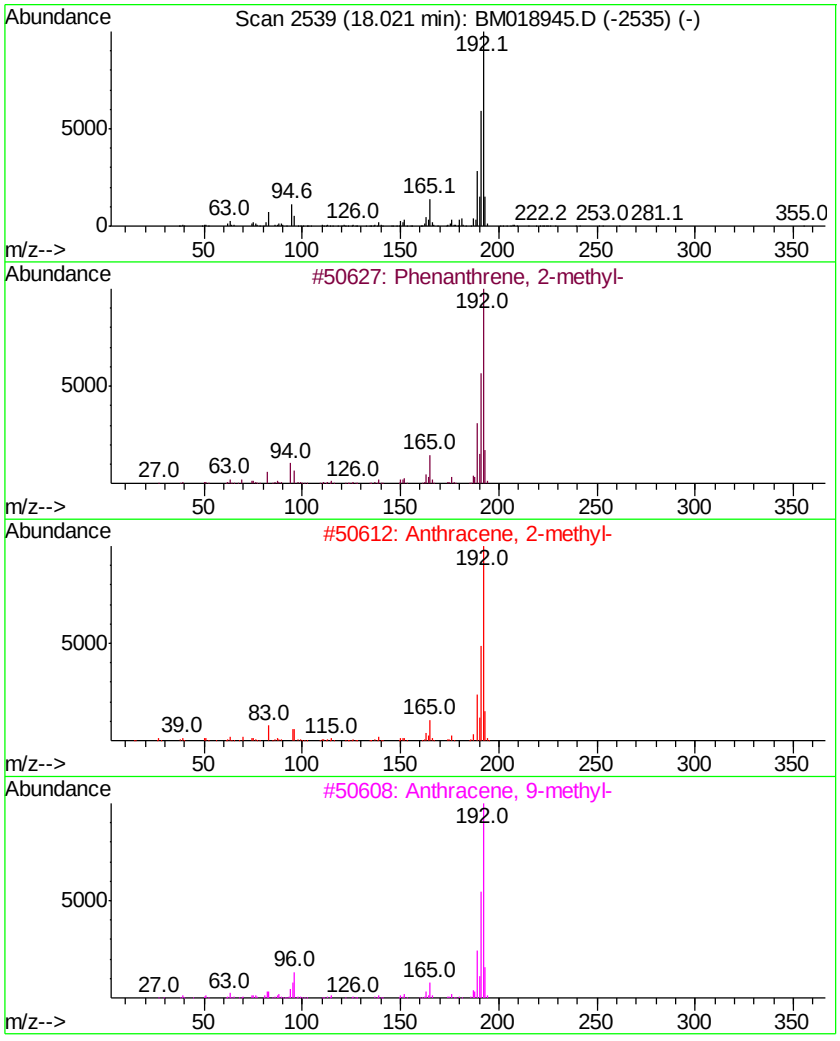
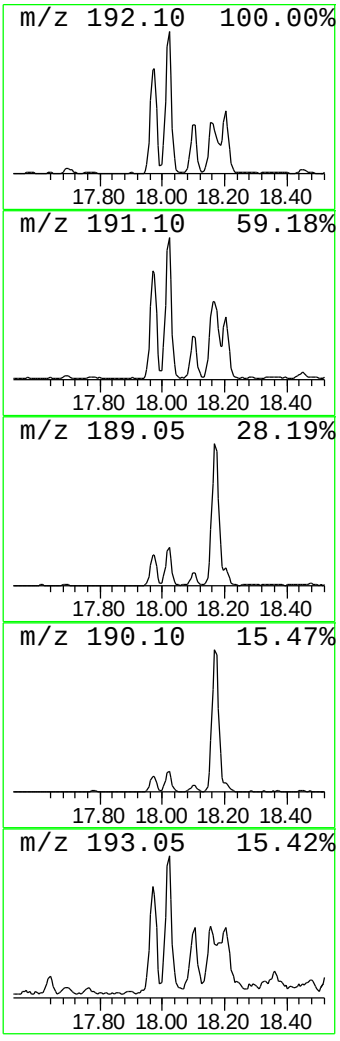
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	8.73 ng	1262970	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : K1595-01
Misc :
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Instrument : BNA_M
ClientSampleId : TP-CBF-B10

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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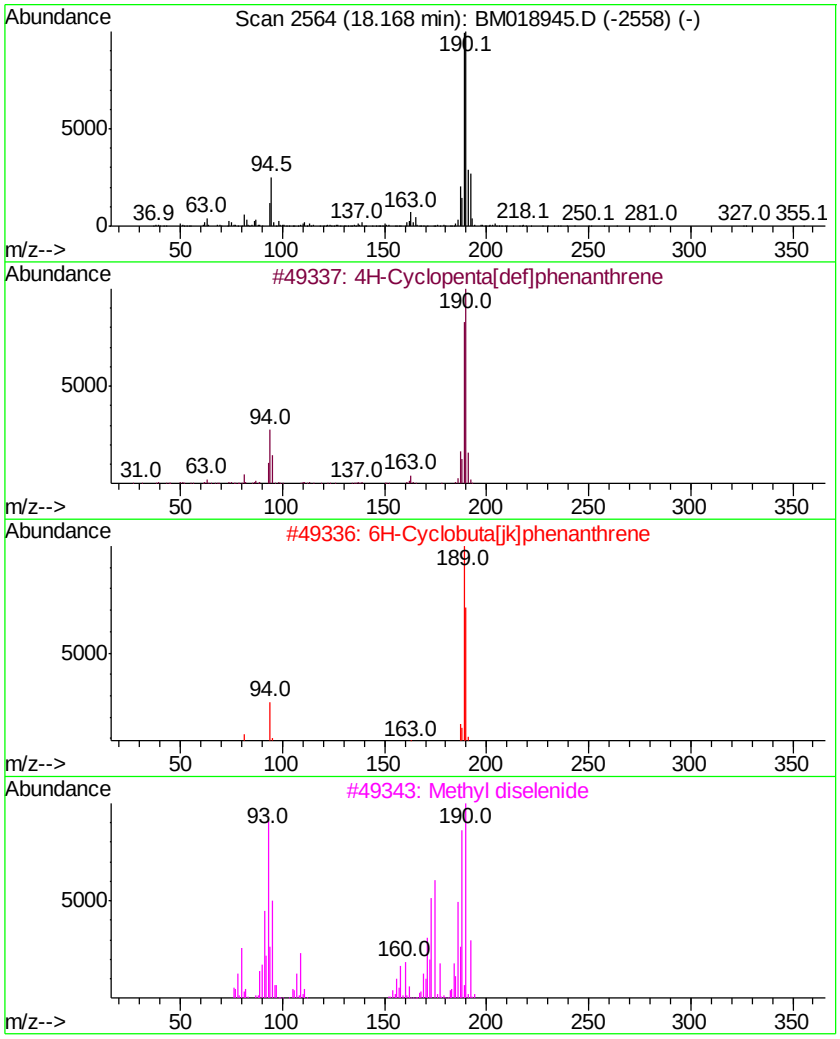
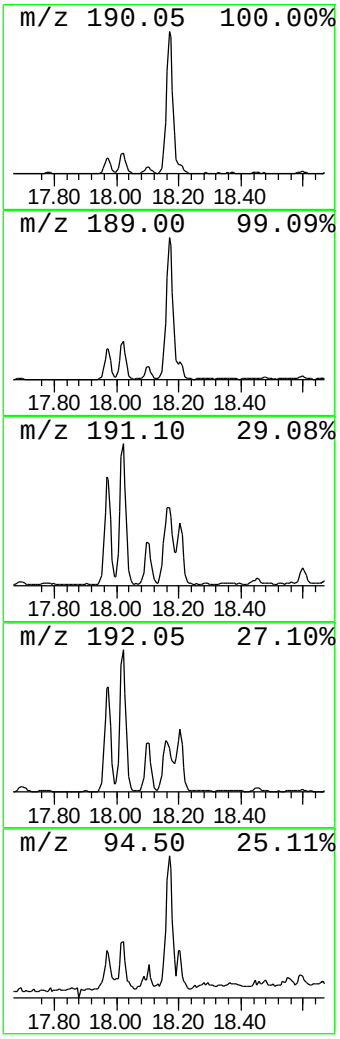
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	13.33 ng	1928020	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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Data File : BM018945.D
Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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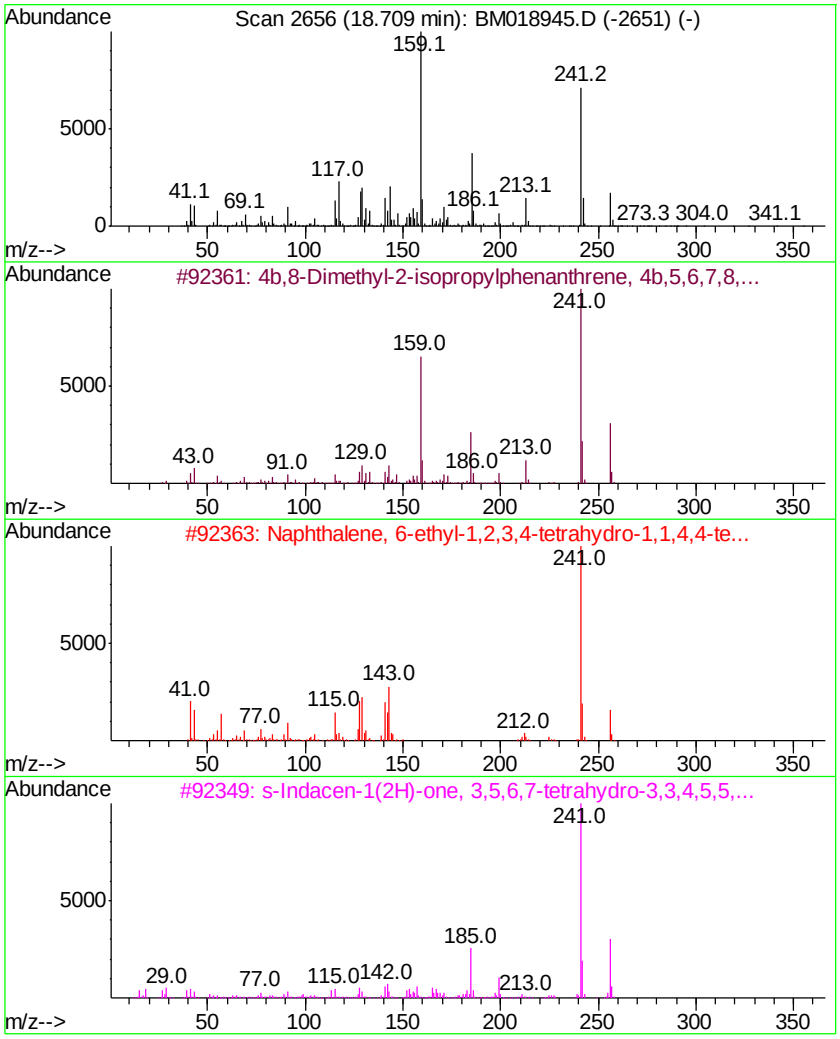
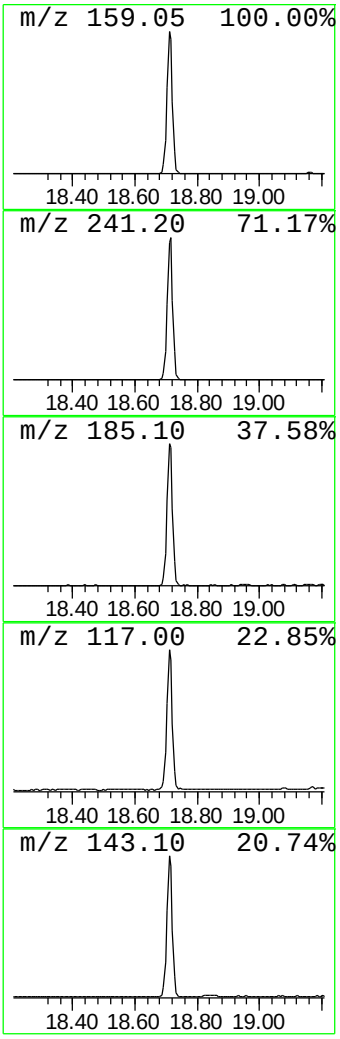
Peak Number 19 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	32.22 ng	4661410	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	59
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30
5	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018945.D
Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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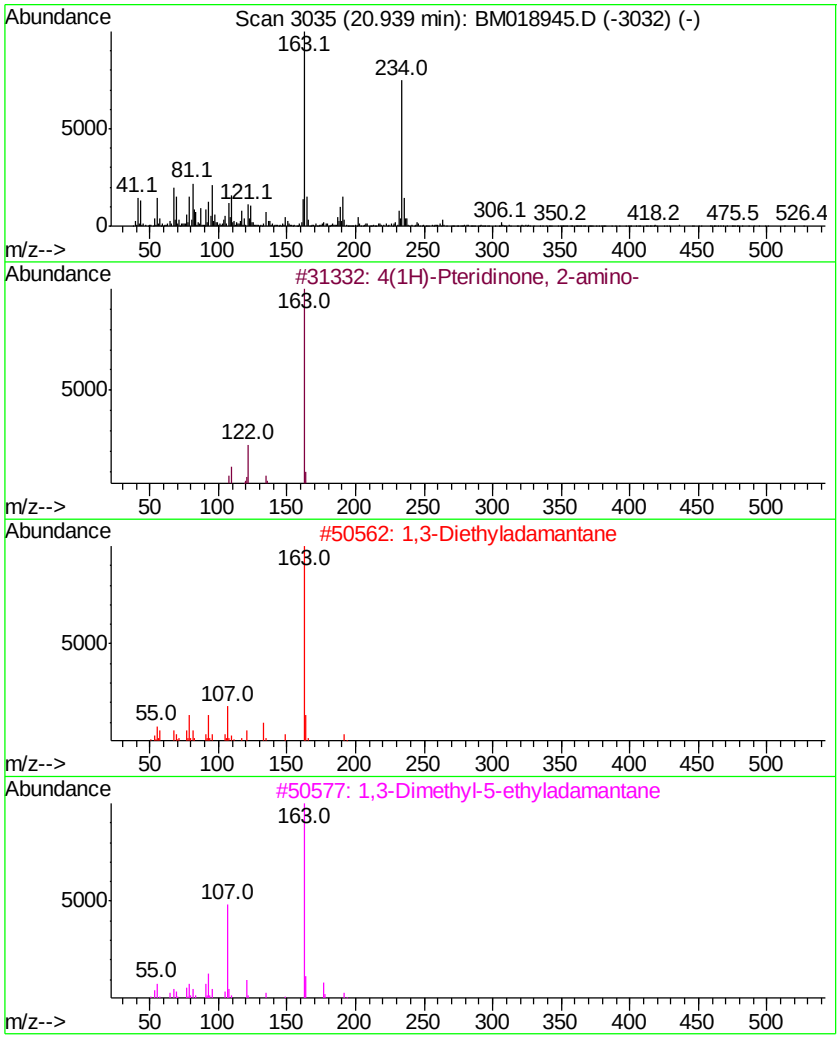
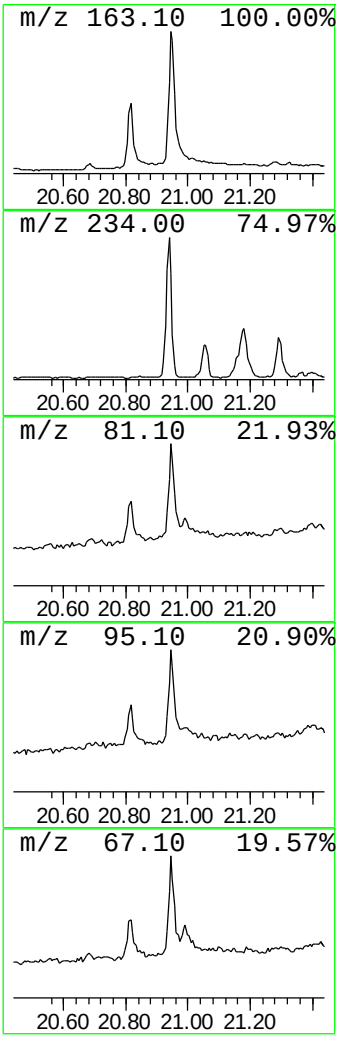
Peak Number 20 unknown20.94 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.54 ng	1847810	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	47
2	1,3-Diethyladamantane	192	C14H24	025074-51-5	46
3	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	46
4	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	43
5	Propanal, 2-(4-ethoxyphenyl)-2-m...	192	C12H16O2	093622-71-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
Data File : BM018945.D
Acq On : 27 Feb 2019 00:40
Operator : JU/SJ
Sample : K1595-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-CBF-B10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.23	7.23	80.6	ng	8603130	1	7.69	2135830	20.0
Benzene, 2-propenyl-	7.35	5.7	ng	610634	1	7.69	2135830	20.0
Indene	8.22	5.8	ng	614533	1	7.69	2135830	20.0
2,4-Dimethylthiop...	9.50	7.9	ng	1017980	2	10.48	2586350	20.0
Benzene, 1-methyl...	10.99	6.0	ng	776147	2	10.48	2586350	20.0
Benzene, 1-methyl...	11.13	6.7	ng	866226	2	10.48	2586350	20.0
Phenol, 4-(1,1,3,...	16.17	6.4	ng	931029	4	17.10	2893690	20.0
unknown16.23	16.23	8.0	ng	1153990	4	17.10	2893690	20.0
Hexestrol	16.29	5.3	ng	774379	4	17.10	2893690	20.0
9H-Fluorene, 2-me...	16.40	5.6	ng	812524	4	17.10	2893690	20.0
2-Methyl-4-hydrox...	16.49	4.8	ng	693281	4	17.10	2893690	20.0
Phenol, 4-(1,1-di...	16.56	4.9	ng	715078	4	17.10	2893690	20.0
Dibenzothiophene	16.92	4.7	ng	676368	4	17.10	2893690	20.0
Anthracene, 2-met...	17.98	12.3	ng	1785210	4	17.10	2893690	20.0
Phenanthrene, 2-m...	18.02	8.7	ng	1262970	4	17.10	2893690	20.0
4H-Cyclopenta[def...	18.17	13.3	ng	1928020	4	17.10	2893690	20.0
4b,8-Dimethyl-2-i...	18.71	32.2	ng	4661410	4	17.10	2893690	20.0
unknown20.94	20.94	5.5	ng	1847810	5	21.29	6671280	20.0