LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

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-BM012320.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	5.087	368	374	381	rBV	5001985	7064729	16.79%	1.027%
2	6.651	628	640	658	rVB	4715145	8108162	19.27%	1.179%
3	7.116	712	719	728	rBV2	631900	1447577	3.44%	0.210%
4	7.446	768	775	787	rBV	1544885	2674219	6.35%	0.389%
5	7.757	821	828	833	rBV	4349911	6782860	16.12%	0.986%
6	7.810	833	837	844	rVB	1131829	1759313	4.18%	0.256%
7	8.581	963	968	983	rVB	2998163	5550060	13.19%	0.807%
8	9.622	1137	1145	1155	rBV3	931128	2292925	5.45%	0.333%
9	10.204	1236	1244	1248	rBV	2022830	3648014	8.67%	0.530%
10	10.251	1248	1252	1262	rVB	2203871	3561571	8.46%	0.518%
11	11.275	1418	1426	1431	rBV3	630206	1749112	4.16%	0.254%
12	11.763	1505	1509	1518	rVB	753676	1286431	3.06%	0.187%
13	11.881	1521	1529	1539	rVB	6200790	10671302	25.36%	1.552%
14	12.110	1553	1568	1578	rBV	17037819	29401219	69.87%	4.275%
15	12.704	1664	1669	1675	rVB	6824854	10243768	24.34%	1.489%
16	13.116	1733	1739	1751	rVB	2842535	5952436	14.14%	0.865%
17	13.257	1757	1763	1764	rBV2	6225158	9036980	21.47%	1.314%
18	13.422	1781	1791	1795	rBV	10513659	19109948	45.41%	2.778%
19	13.469	1795	1799	1806	rVV	6678623	10373596	24.65%	1.508%
20	13.545	1806	1812	1819	rVV3	1836486	4484608	10.66%	0.652%
21	13.651	1819	1830	1834	rVV2	5182702	9976527	23.71%	1.451%
22	13.686	1834	1836	1841	rVB	1913332	2147198	5.10%	0.312%
23	13.816	1850	1858	1868	rBV2	5790341	10249445	24.36%	1.490%
24	14.086	1899	1904	1911	rBV2	3656448	6675310	15.86%	0.971%
25	14.163	1911	1917	1926	rVB	14999334	23985461	57.00%	3.487%
26	14.322	1937	1944	1953	rBV2	1733656	4137872	9.83%	0.602%
27	14.510	1967	1976	1981	rVB2	2729072	6106820	14.51%	0.888%
28	14.586	1983	1989	1993	rVB	3311331	4556055	10.83%	0.662%
29	14.727	2006	2013	2018	rBV3	2249979	5013221	11.91%	0.729%
30	14.780	2018	2022	2026	rVB	2328749	3122691	7.42%	0.454%
31	14.904	2035	2043	2046	rBV3	1790696	3656686	8.69%	0.532%
32	14.974	2051	2055	2059	rVB	1275469	1608151	3.82%	0.234%
33	15.092	2072	2075	2080	rVB	1719010	2384768	5.67%	0.347%
34	15.157	2080	2086	2091	rBV	11530054	16942210	40.26%	2.463%

LSC Area Percent Report

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Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.251	2098	2102	2104	rBV	2151241	2851116	6.78%	0.415%
36	15.280	2104	2107	2110	rVV	2476441	3186402	7.57%	0.463%
37	15.316	2110	2113	2116	rVV2	1639867	2003932	4.76%	0.291%
38	15.369	2117	2122	2125	rVV3	1661603	2729089	6.49%	0.397%
39	15.404	2125	2128	2132	rVB2	2047924	2713913	6.45%	0.395%
40	15.451	2132	2136	2139	rBV	1192453	1501259	3.57%	0.218%
41	15.563	2151	2155	2156	rBV	1464165	1639180	3.90%	0.238%
42	15.592	2156	2160	2169	rVB2	6297809	10289306	24.45%	1.496%
43	15.839	2197	2202	2207	rVV3	923621	1758767	4.18%	0.256%
44	15.892	2207	2211	2217	rVB	1461424	2093377	4.97%	0.304%
45	16.163	2249	2257	2262	rBV3	3917597	8188950	19.46%	1.191%
46	16.210	2262	2265	2271	rVB2	3527070	5007745	11.90%	0.728%
47	16.310	2278	2282	2288	rVB	2127171	3334715	7.92%	0.485%
48	16.515	2313	2317	2324	rVB3	1561628	2597459	6.17%	0.378%
49	16.663	2337	2342	2347	rBV	3918066	5378153	12.78%	0.782%
50	16.851	2369	2374	2376	rBV	2278034	3319690	7.89%	0.483%
51	16.898	2376	2382	2387	rVV2	26872089	42081763	100.00%	6.118%
52	16.986	2391	2397	2402	rVB	10534258	14132783	33.58%	2.055%
53	17.057	2403	2409	2414	rBV3	1659757	3550563	8.44%	0.516%
54	17.374	2460	2463	2467	rBV	1166497	1373559	3.26%	0.200%
55	17.427	2468	2472	2478	rVB2	2164561	2996025	7.12%	0.436%
56	17.574	2492	2497	2504	rVB2	2021311	3400601	8.08%	0.494%
57	17.727	2518	2523	2527	rBV	8063813	11465338	27.25%	1.667%
58	17.774	2527	2531	2539	rVB	8821943	13340554	31.70%	1.940%
59	17.857	2540	2545	2550	rBV	3960685	5590056	13.28%	0.813%
60	17.921	2550	2556	2560	rVV2	11533182	20805695	49.44%	3.025%
61	17.957	2560	2562	2571	rVB	5824351	7341581	17.45%	1.067%
62	18.233	2605	2609	2613	rVB	3502597	4267560	10.14%	0.620%
63	18.492	2649	2653	2657	rVB2	1442040	2126332	5.05%	0.309%
64	18.539	2657	2661	2664	rBV	1461276	1948733	4.63%	0.283%
65	18.668	2674	2683	2688	rBV3	4148766	8733143	20.75%	1.270%
66	18.727	2688	2693	2697	rBV2	2615435	4490974	10.67%	0.653%
67	18.804	2702	2706	2708	rBV	1336578	1872524	4.45%	0.272%
68	18.927	2722	2727	2732	rBV	17292761	23024852	54.71%	3.348%
69	18.998	2734	2739	2743	rBV	4866369	6548267	15.56%	0.952%
70	19.074	2748	2752	2757	rVB	3566697	5227312	12.42%	0.760%
71	19.292	2780	2789	2798	rBV	20194844	32804913	77.96%	4.770%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

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-BM012320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.504	2821	2825	2829	rBV	8045526	9796469	23.28%	1.424%
73	19.621	2840	2845	2850	rBV	2564191	4719230	11.21%	0.686%
74	19.721	2857	2862	2865	rBV	4695948	6403771	15.22%	0.931%
75	19.762	2865	2869	2870	rVV2	2553546	3895728	9.26%	0.566%
76	19.792	2870	2874	2879	rVB	6239367	8784770	20.88%	1.277%
77	19.892	2887	2891	2895	rVB	5038774	5840495	13.88%	0.849%
78	19.951	2897	2901	2905	rVB	3571127	4452980	10.58%	0.647%
79	20.086	2920	2924	2928	rBV	2829957	3348538	7.96%	0.487%
80	20.133	2928	2932	2938	rVB	3638638	4792075	11.39%	0.697%
81	20.215	2943	2946	2950	rBV	1629774	1728868	4.11%	0.251%
82	20.745	3033	3036	3039	rBV	2081631	2179052	5.18%	0.317%
83	20.780	3039	3042	3045	rBV	5306845	5505064	13.08%	0.800%
84	21.015	3079	3082	3084	rBV	2616459	2883722	6.85%	0.419%
85	21.051	3084	3088	3092	rVV2	12494239	20266601	48.16%	2.947%
86	21.098	3093	3096	3106	rVB	10355976	14070042	33.44%	2.046%
87	21.262	3121	3124	3128	rVB	1482235	1738539	4.13%	0.253%
88	21.339	3134	3137	3141	rBV	2288844	2663005	6.33%	0.387%
89	21.556	3170	3174	3177	rBV2	1712414	2710943	6.44%	0.394%
90	21.603	3178	3182	3186	rVV	3555340	4992391	11.86%	0.726%
91	21.645	3187	3189	3193	rVB	1826239	2103221	5.00%	0.306%
92	21.786	3210	3213	3215	rBV	1791834	2130303	5.06%	0.310%
93	21.815	3215	3218	3223	rVB	2660548	3596000	8.55%	0.523%
94	22.562	3339	3345	3349	rBV	5539788	12162019	28.90%	1.768%
95	22.715	3368	3371	3378	rVB	1645027	2347042	5.58%	0.341%
96	23.003	3415	3420	3426	rVB	4004764	6800747	16.16%	0.989%
97	23.092	3430	3435	3444	rVV	6857199	11418645	27.13%	1.660%
98	23.180	3446	3450	3454	rVB	1712631	2680613	6.37%	0.390%
99	25.256	3797	3803	3814	rVB	2738421	7254092	17.24%	1.055%
100	25.885	3904	3910	3920	rVB	1877547	5042854	11.98%	0.733%

Sum of corrected areas: 687785245

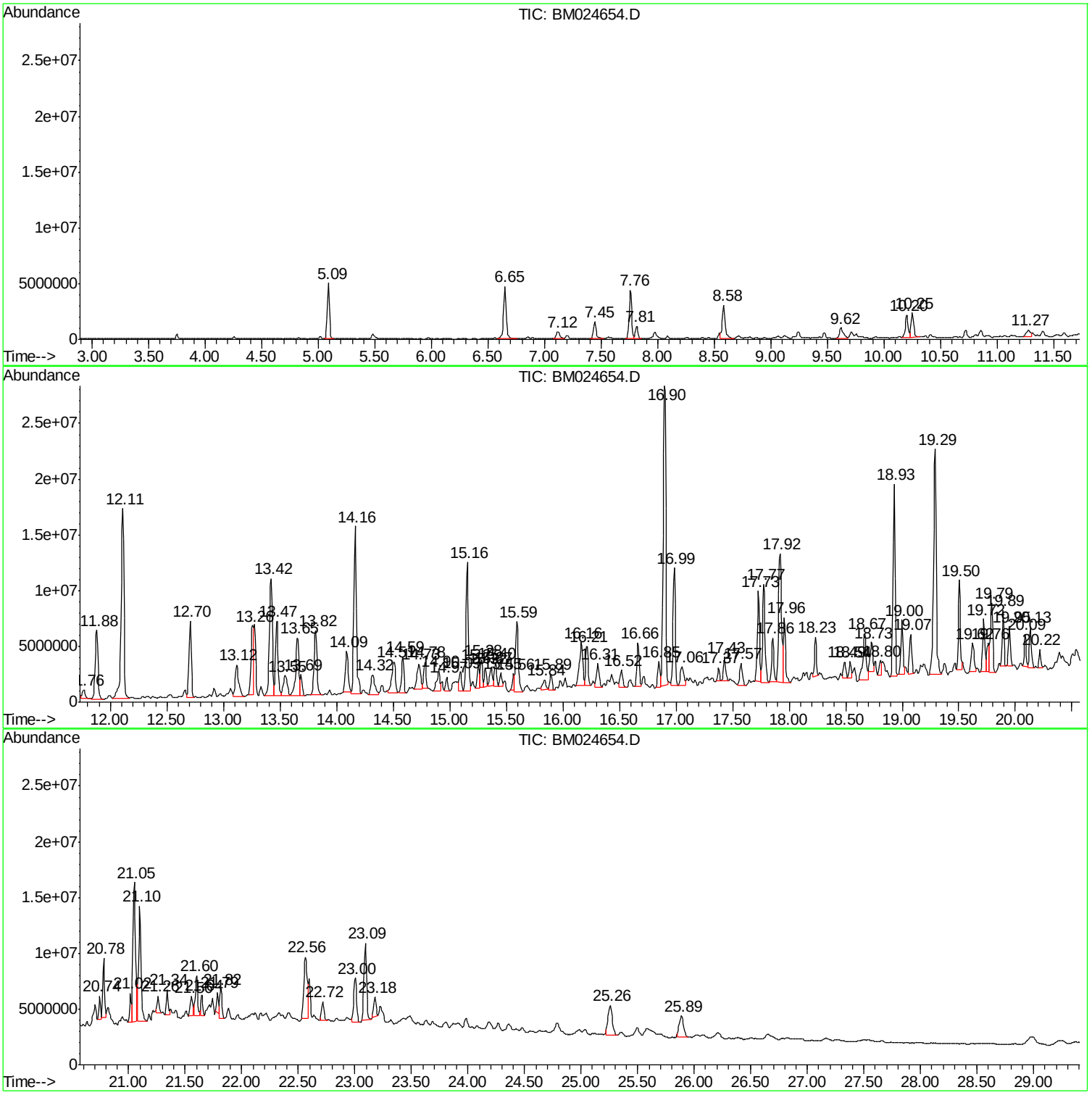
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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 M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

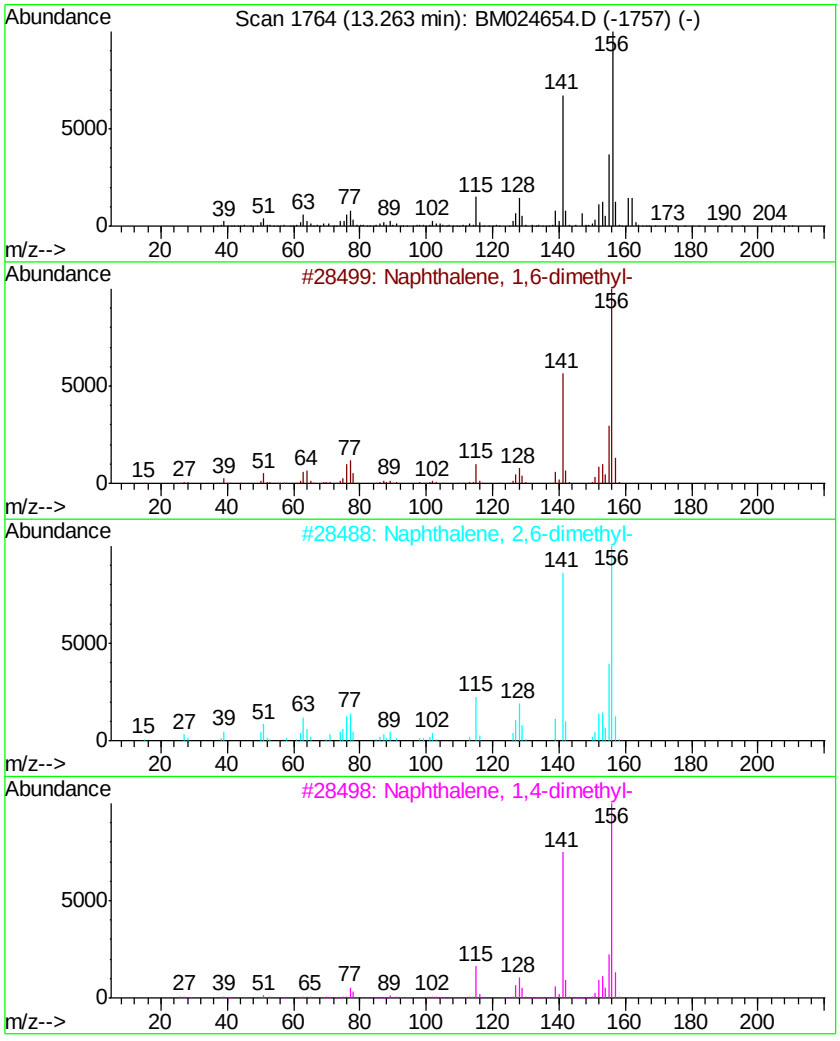
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

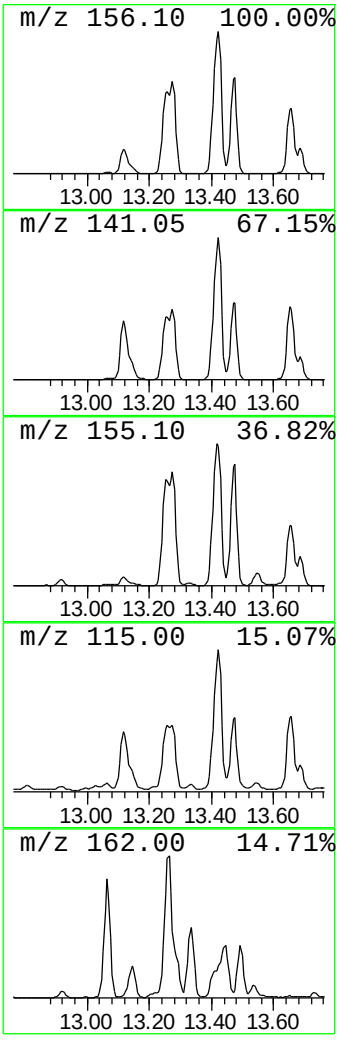
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	27.08 ng	9036980	Acenaphthene-d10	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

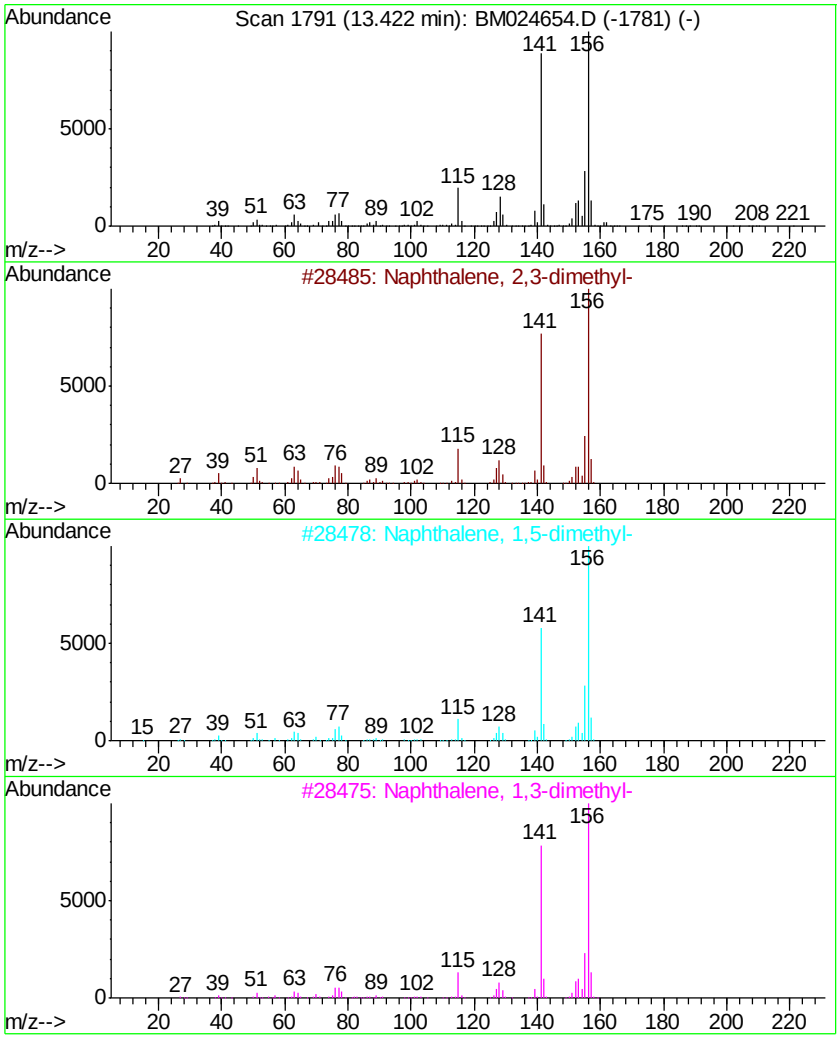
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

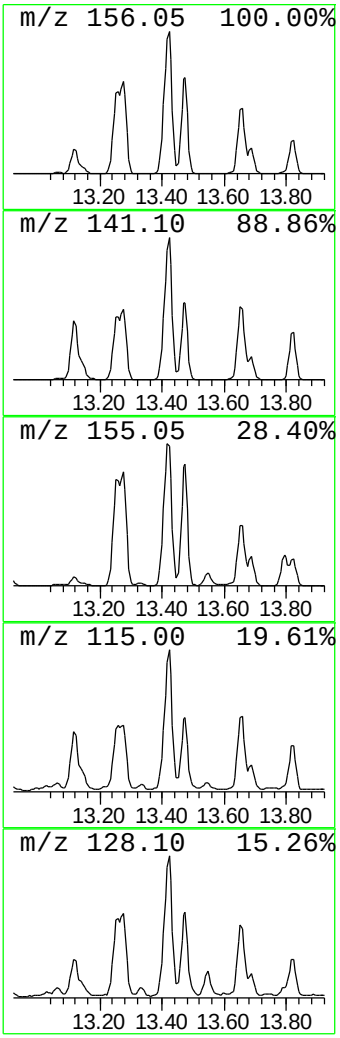
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	57.26 ng	19109900	Acenaphthene-d10	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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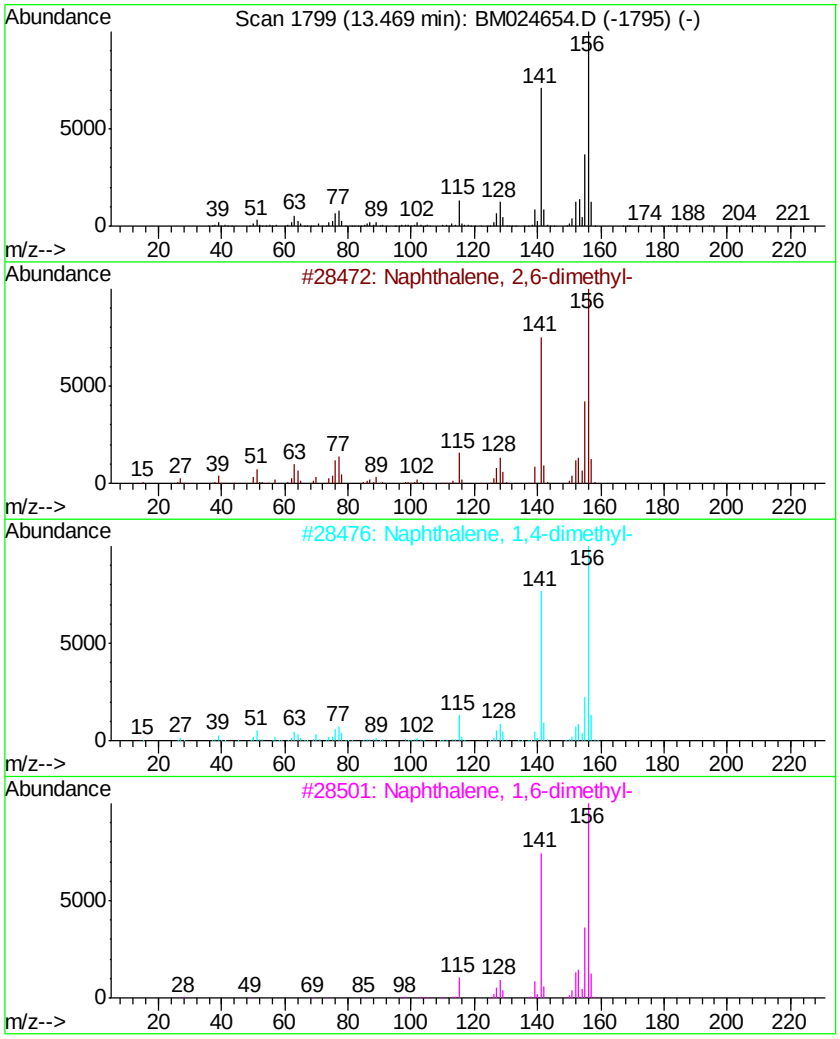
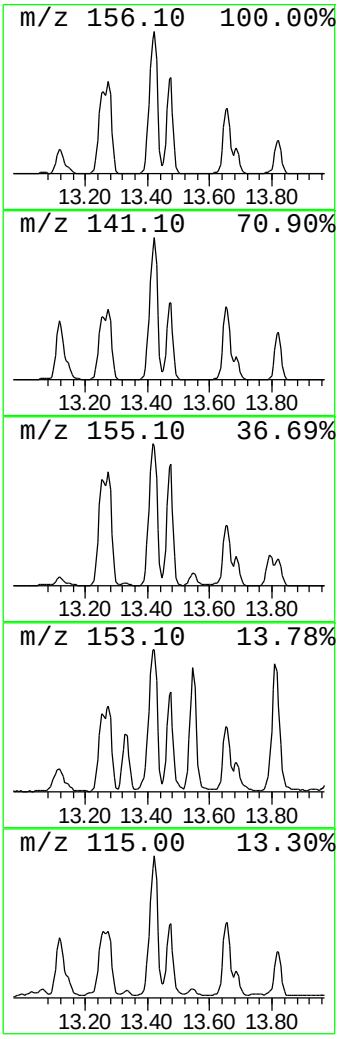
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	31.08 ng	10373600	Acenaphthene-d10	14.09

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, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

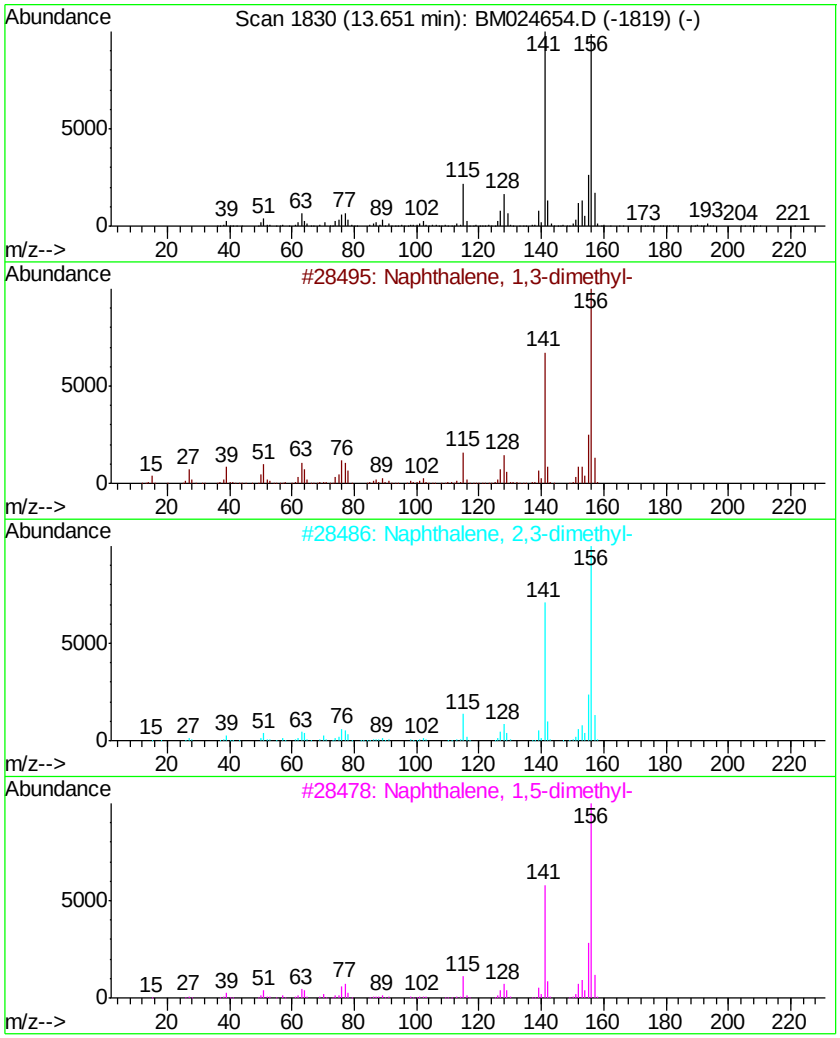
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

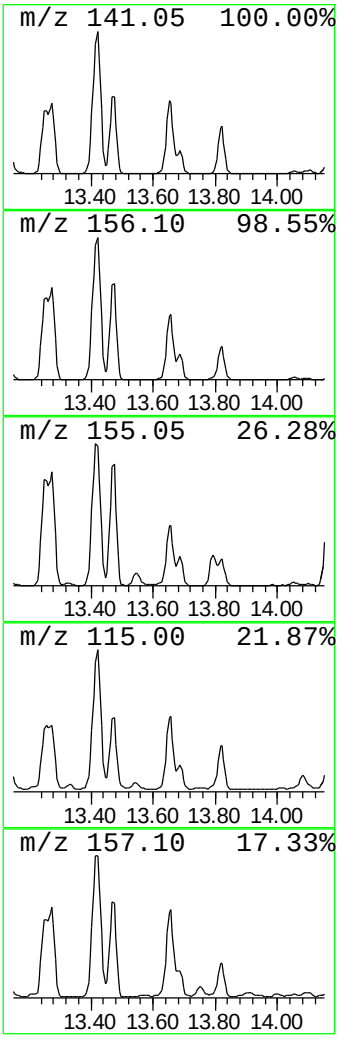
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	29.89 ng	9976530	Acenaphthene-d10	14.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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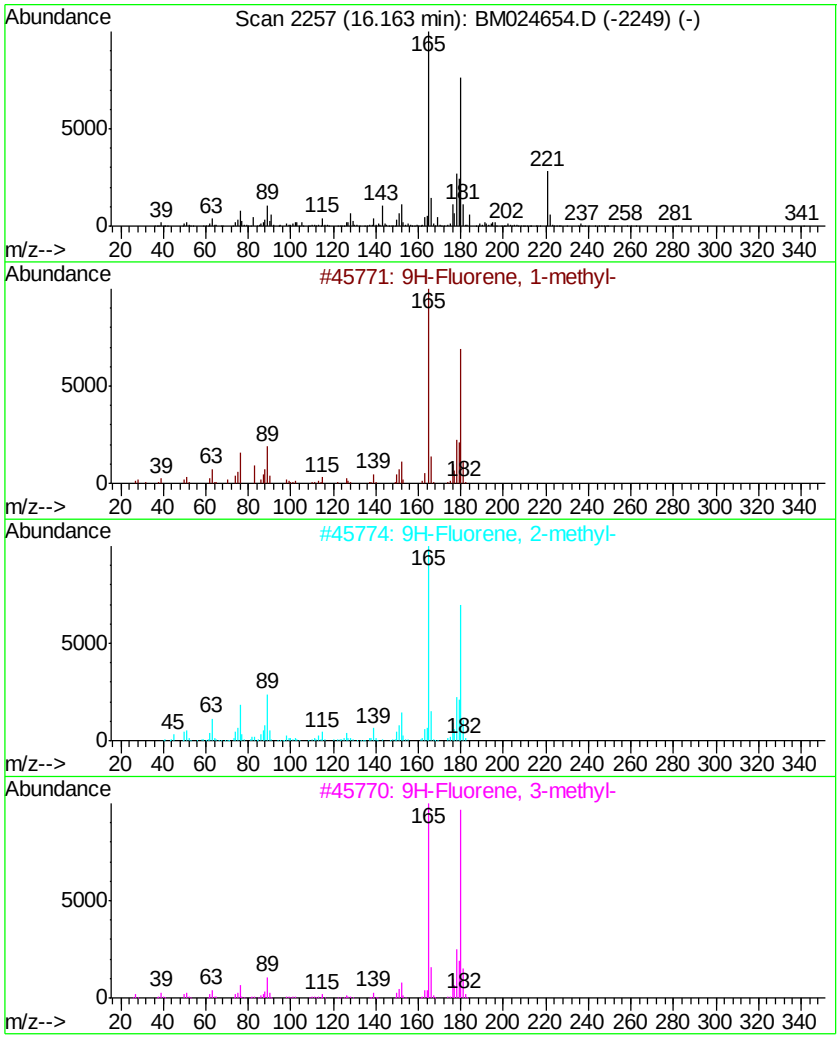
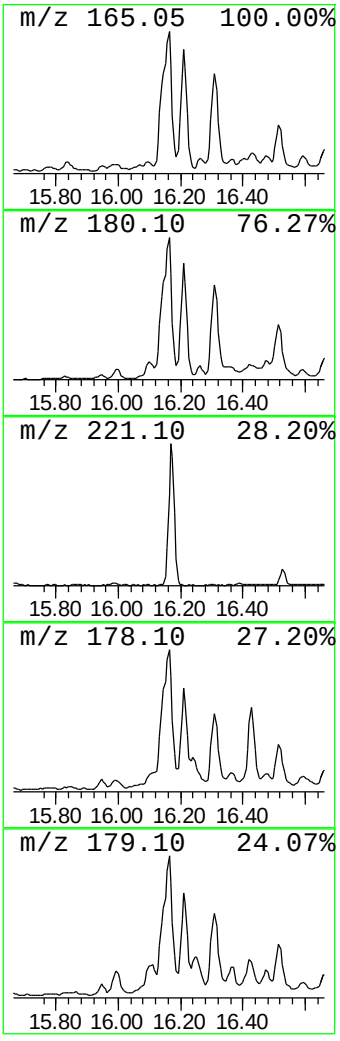
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	49.34 ng	8188950	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62





Library Search Compound Report

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Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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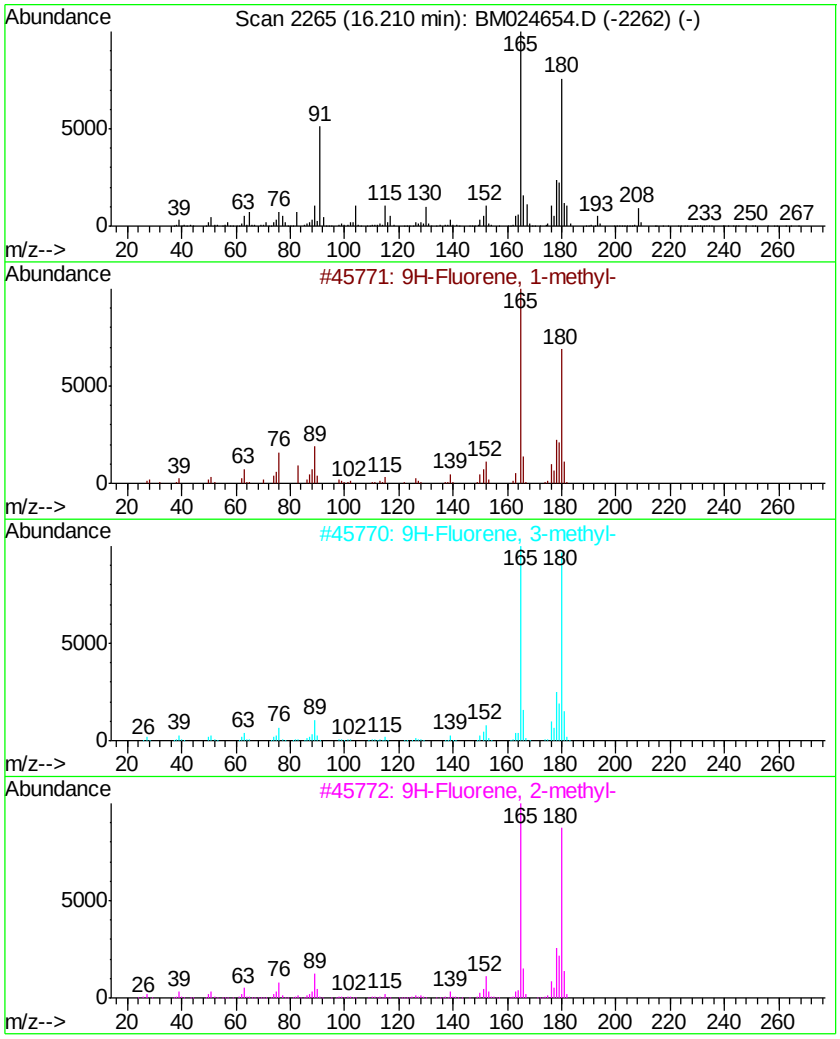
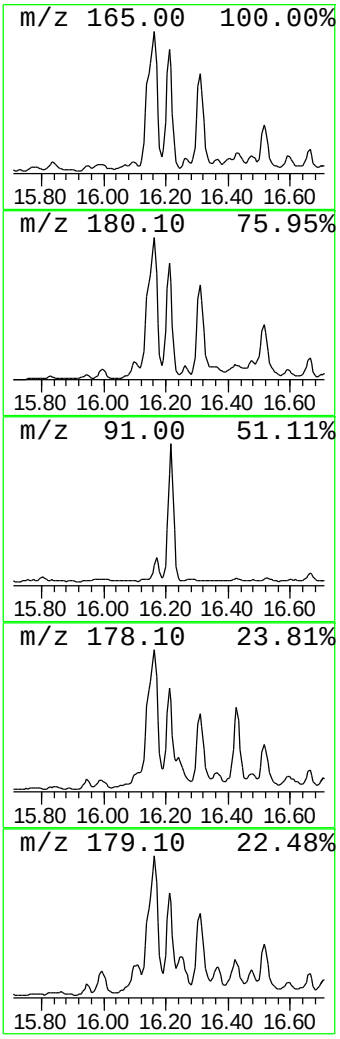
Peak Number 7 9H-Fluorene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	30.17 ng	5007750	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	58





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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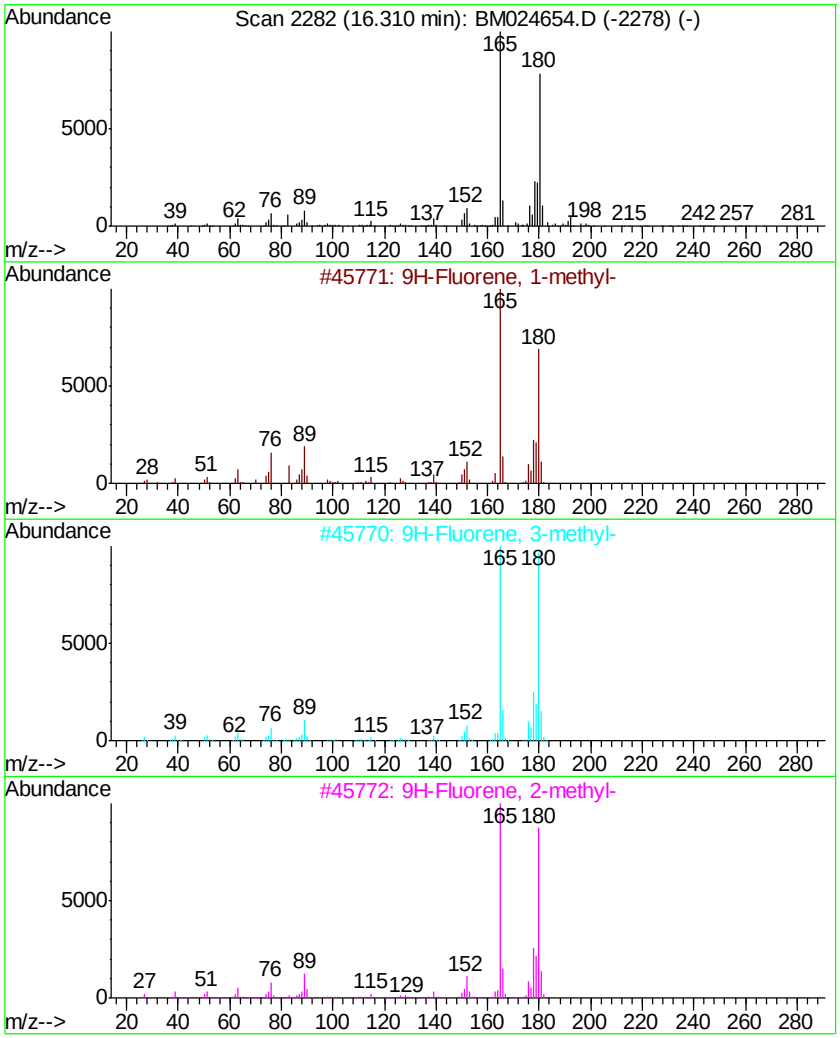
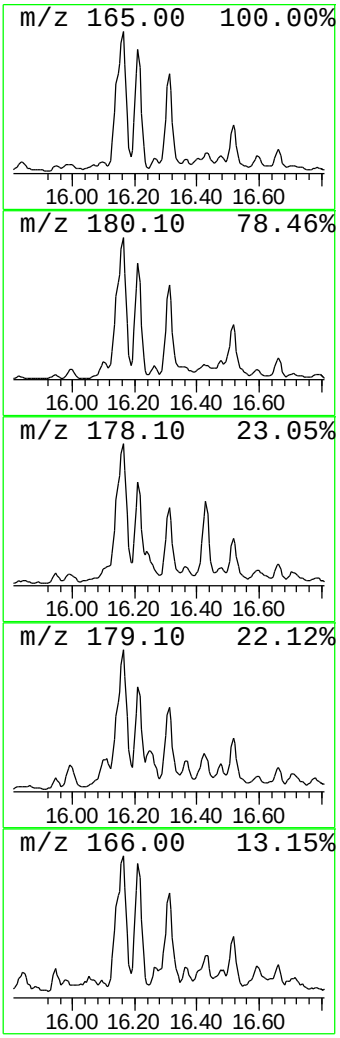
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	20.09 ng	3334720	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

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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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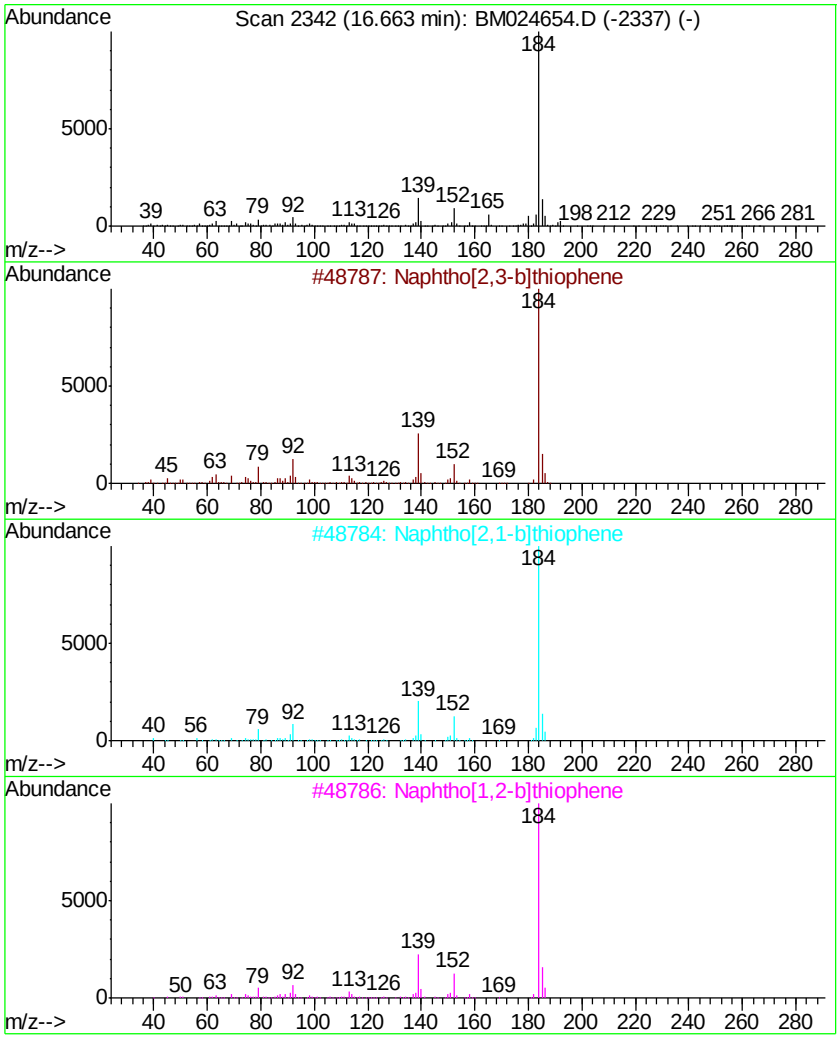
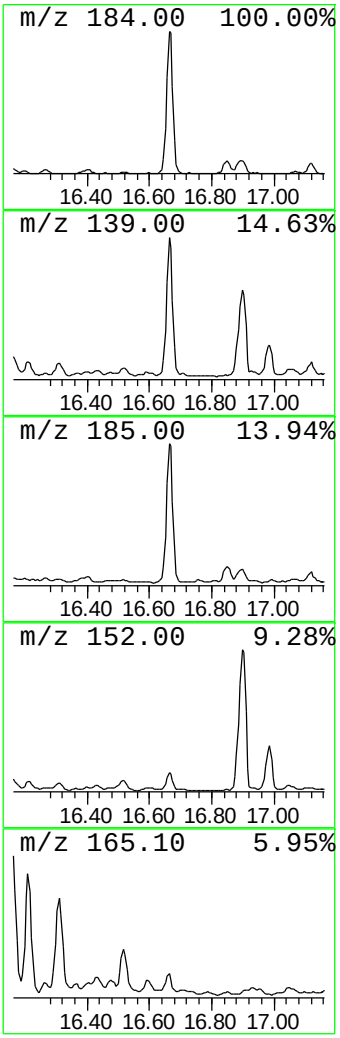
Peak Number 9 Naphtho[2,3-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	32.40 ng	5378150	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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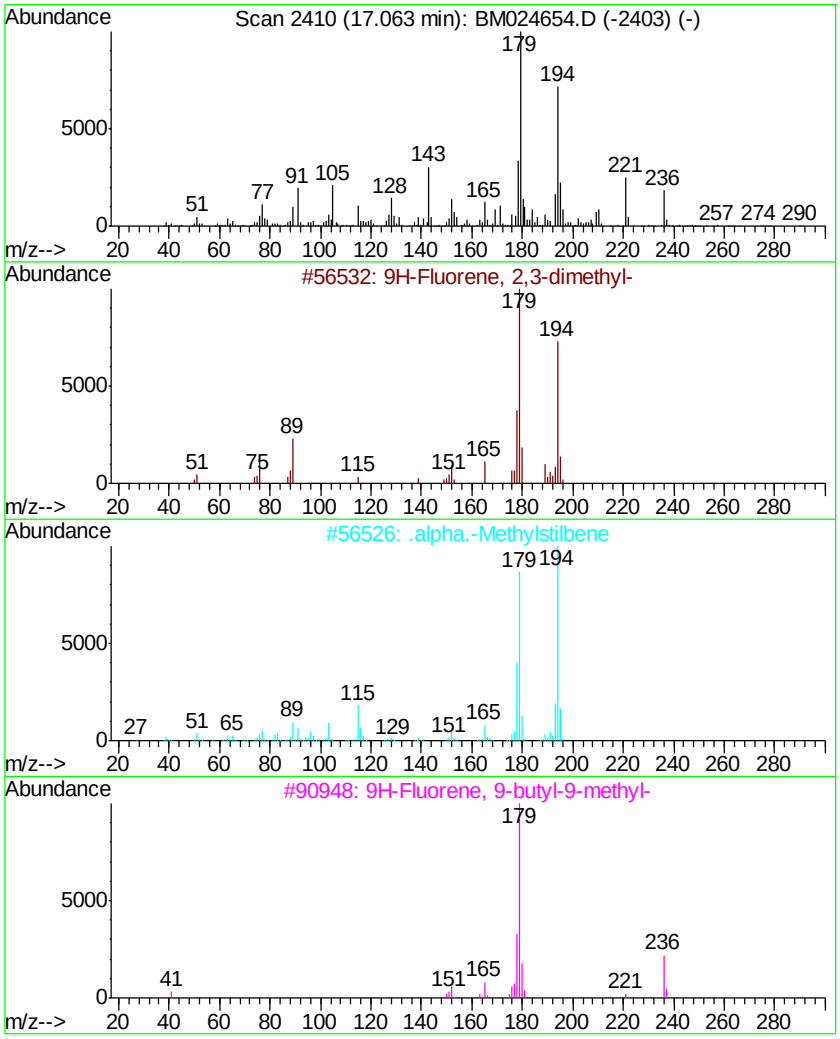
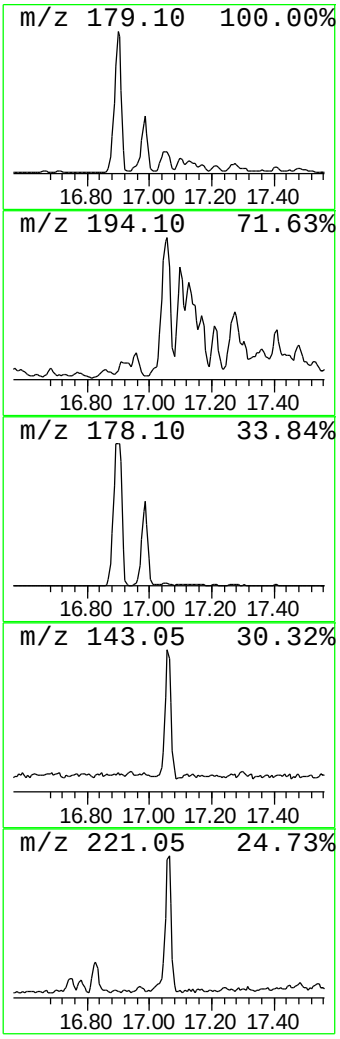
Peak Number 10 9H-Fluorene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	21.39 ng	3550560	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	83
2	.alpha.-Methylstilbene	194	C15H14	000779-51-1	64
3	9H-Fluorene, 9-butyl-9-methyl-	236	C18H20	042348-92-5	60
4	Silane, trimethyl(3,5-xylyloxy)-	194	C11H18OSi	017994-05-7	46
5	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	46





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Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

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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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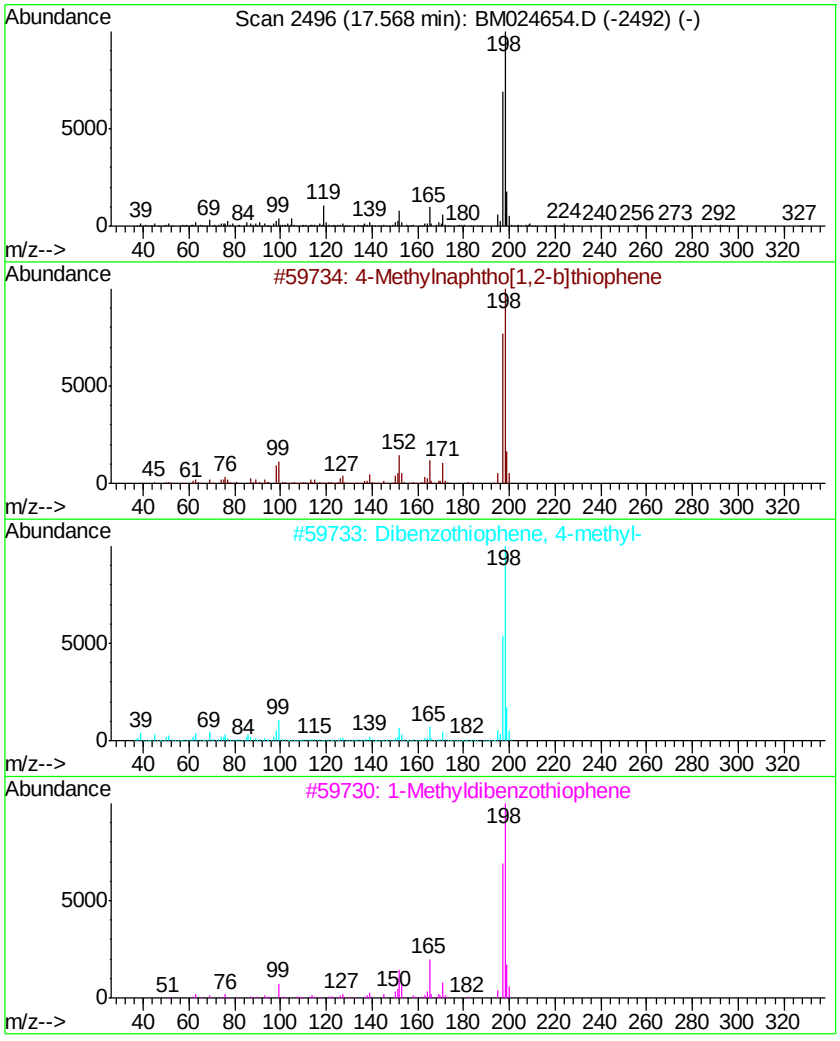
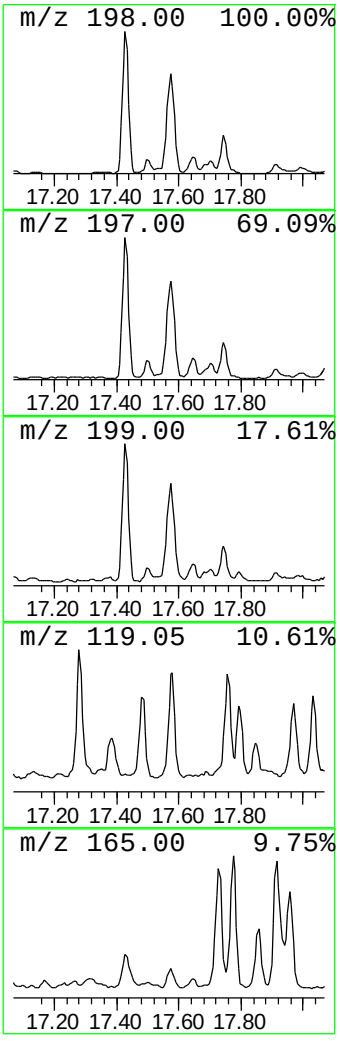
Peak Number 11 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	20.49 ng	3400600	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
5	Tacrine	198	C13H14N2	000321-64-2	64





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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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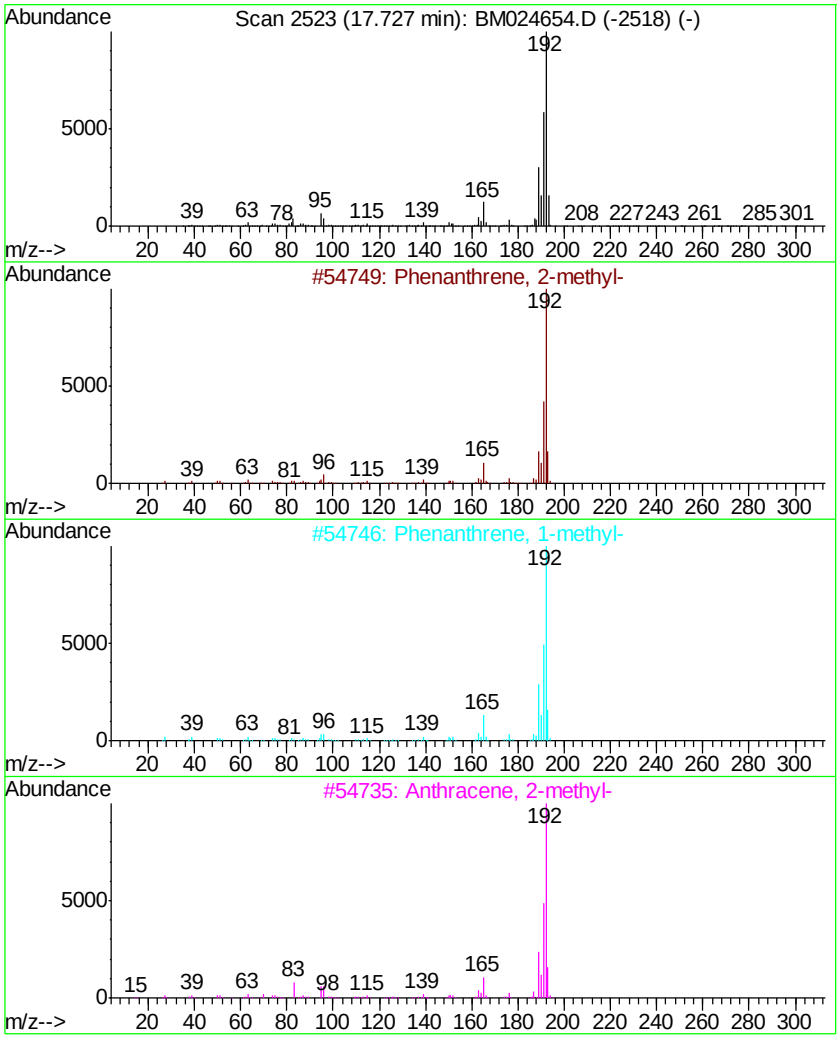
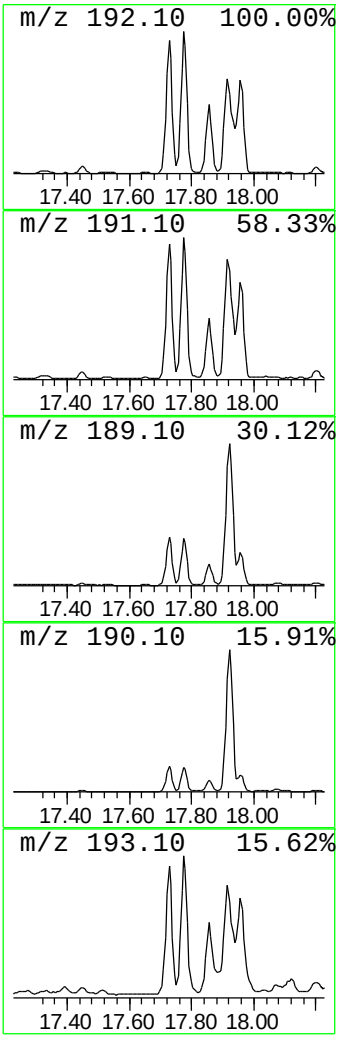
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	69.07 ng	11465300	Phenanthrene-d10	16.85

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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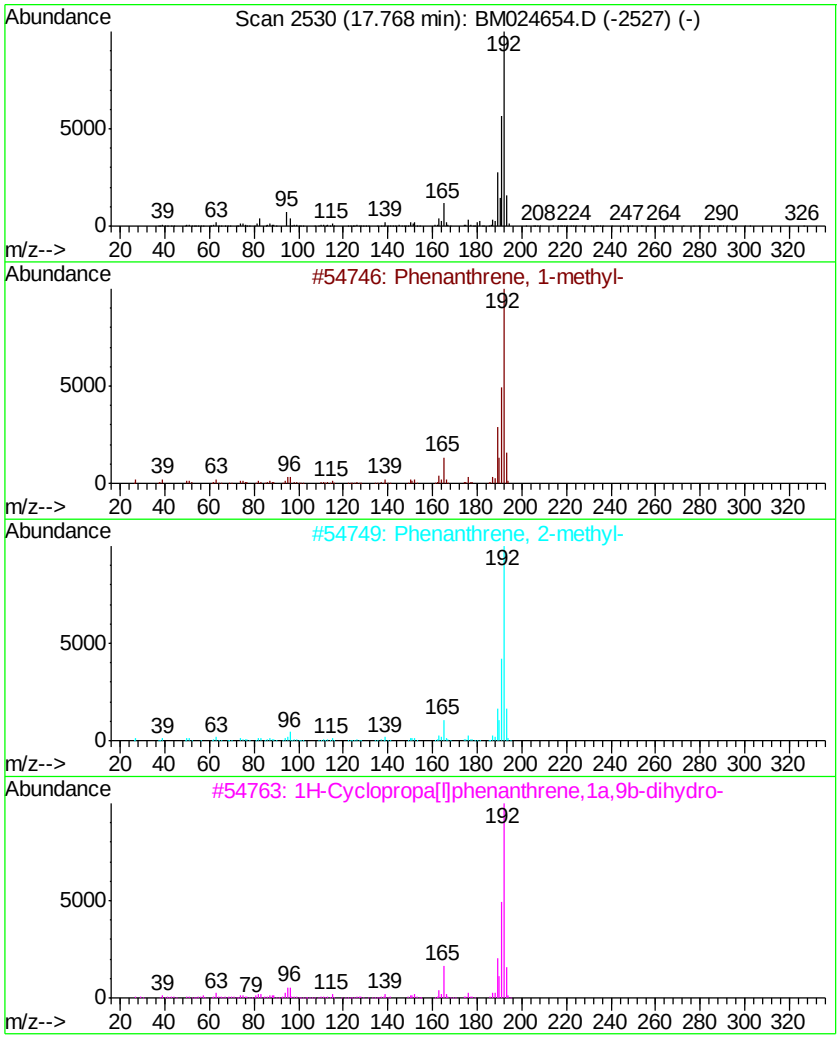
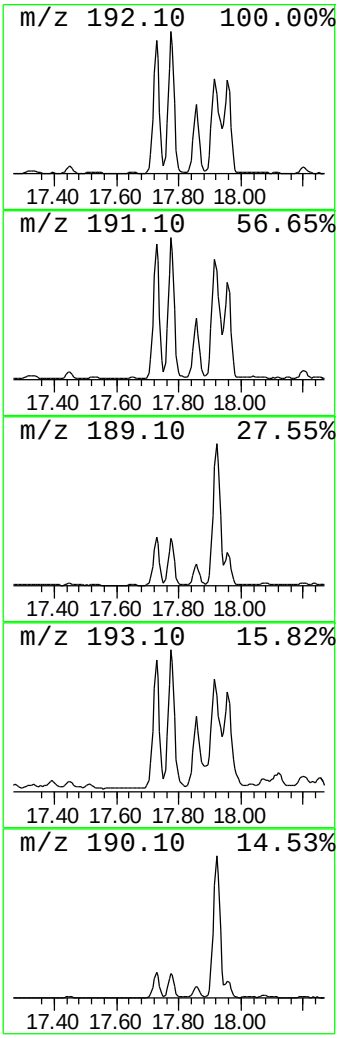
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	80.37 ng	13340600	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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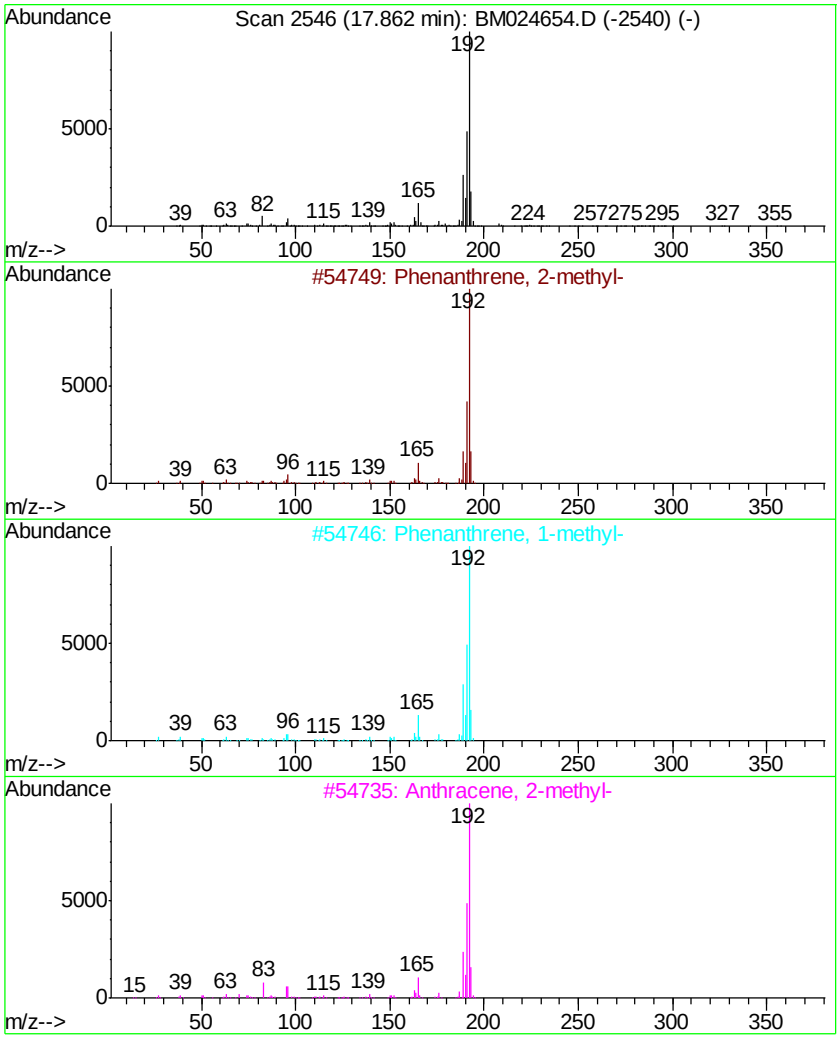
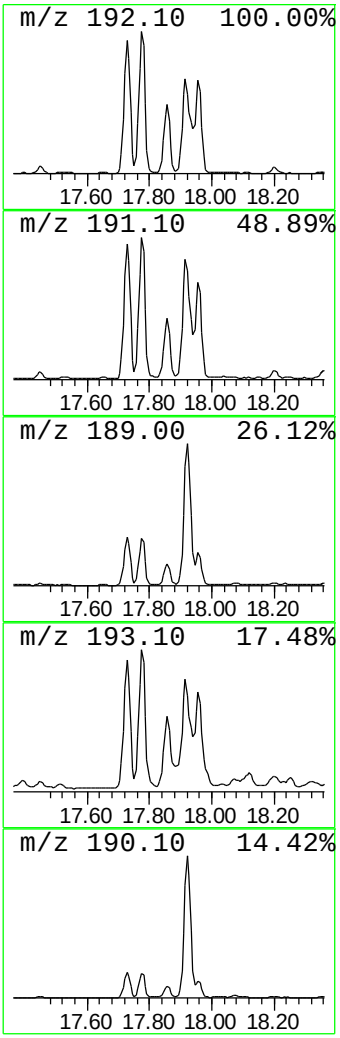
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	33.68 ng	5590060	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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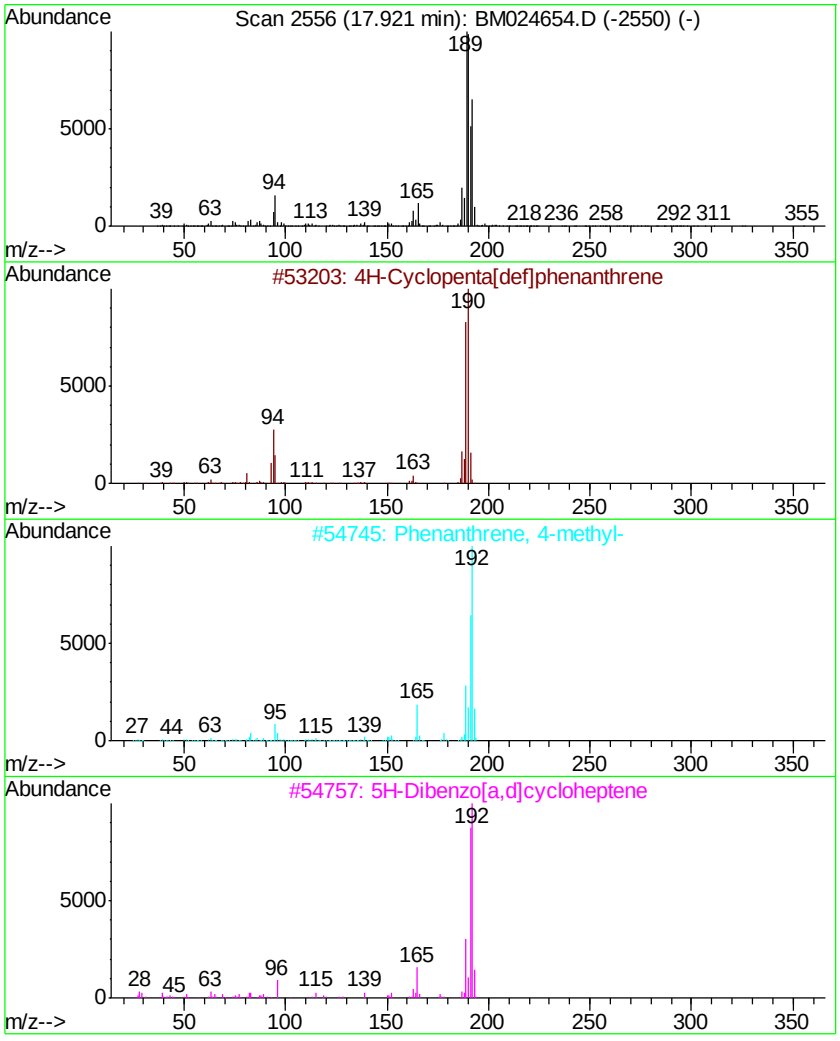
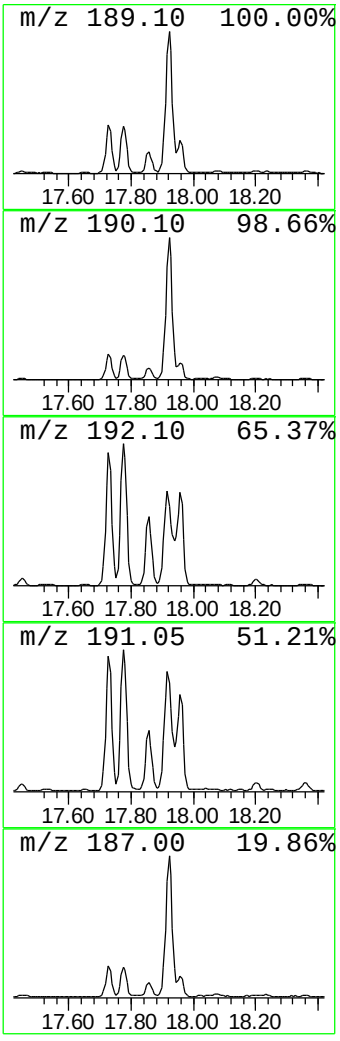
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	125.35 ng	20805700	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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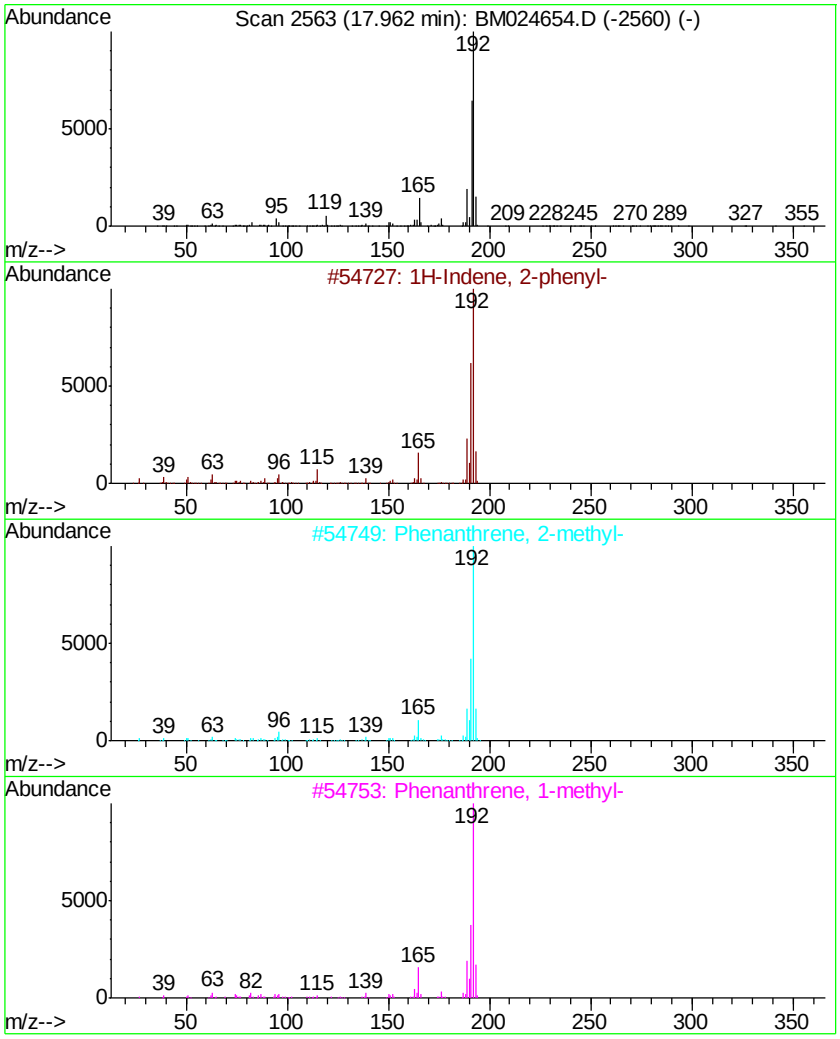
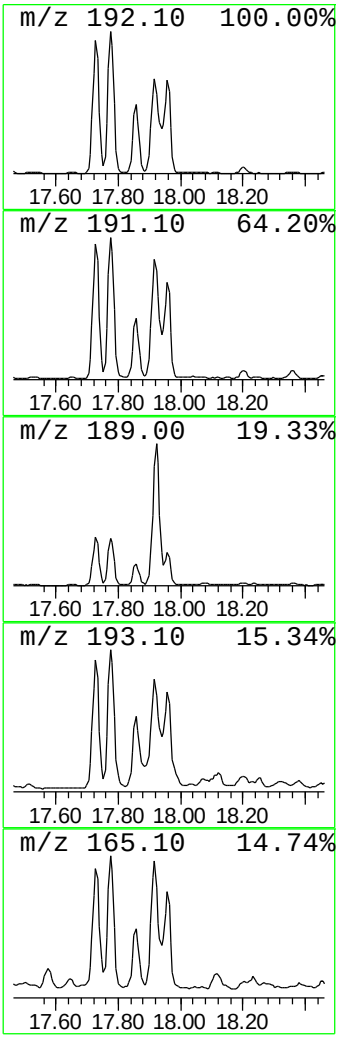
Peak Number 16 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	44.23 ng	7341580	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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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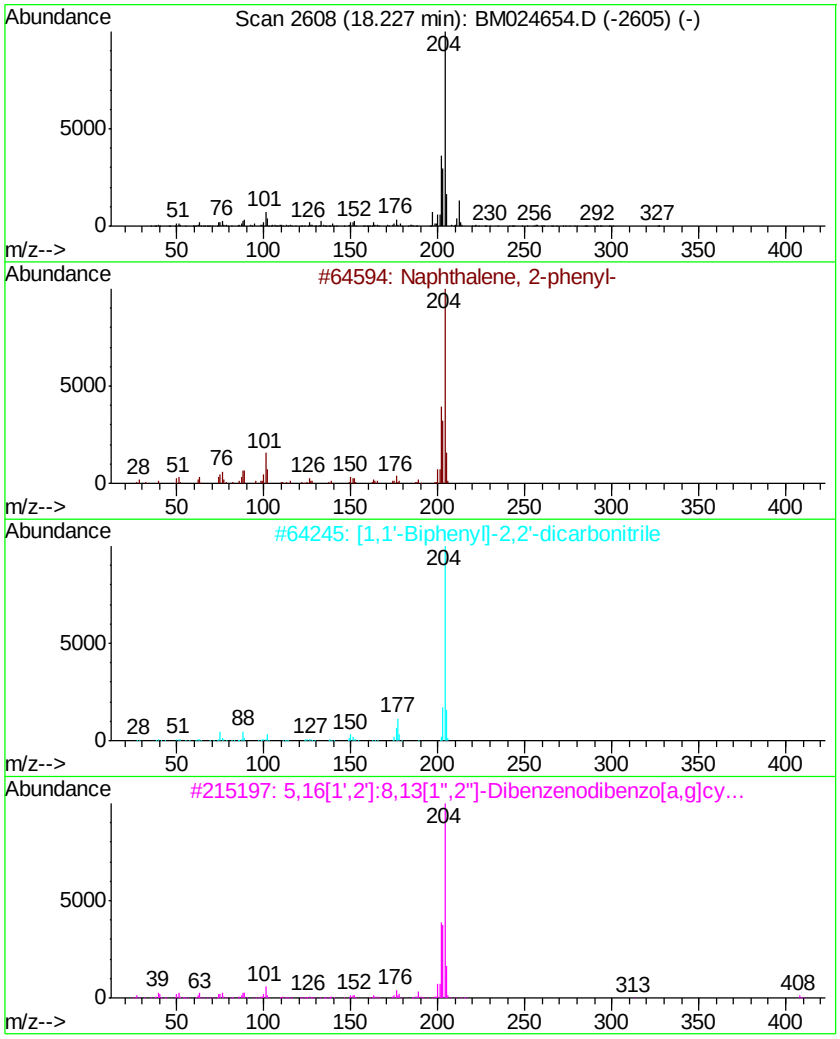
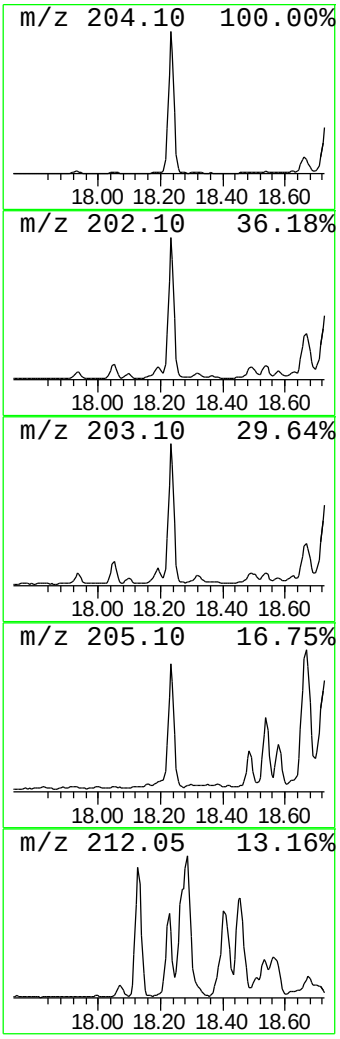
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	25.71 ng	4267560	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50





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Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

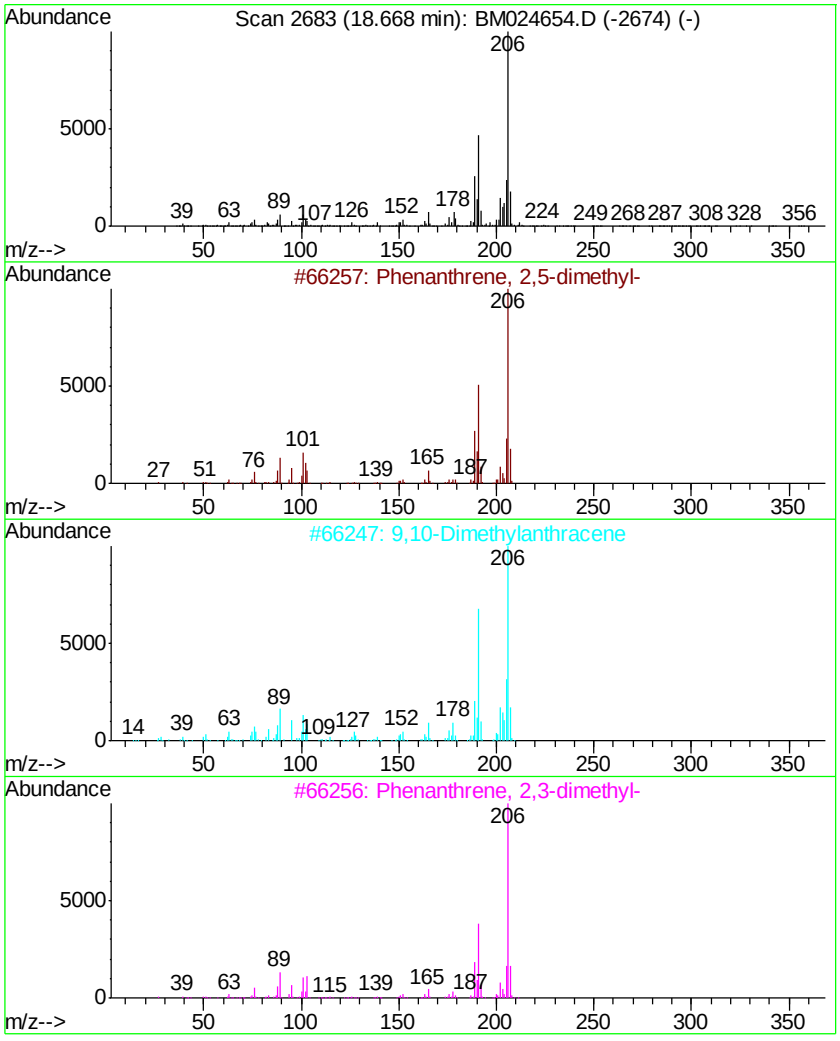
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

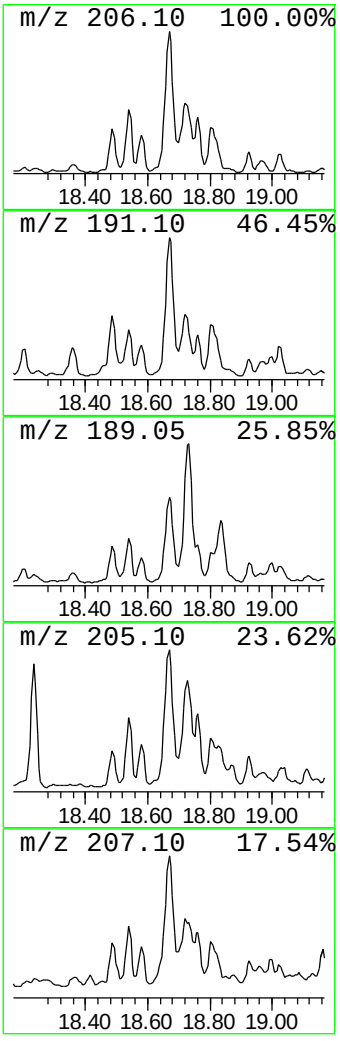
****

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	52.61 ng	8733140	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

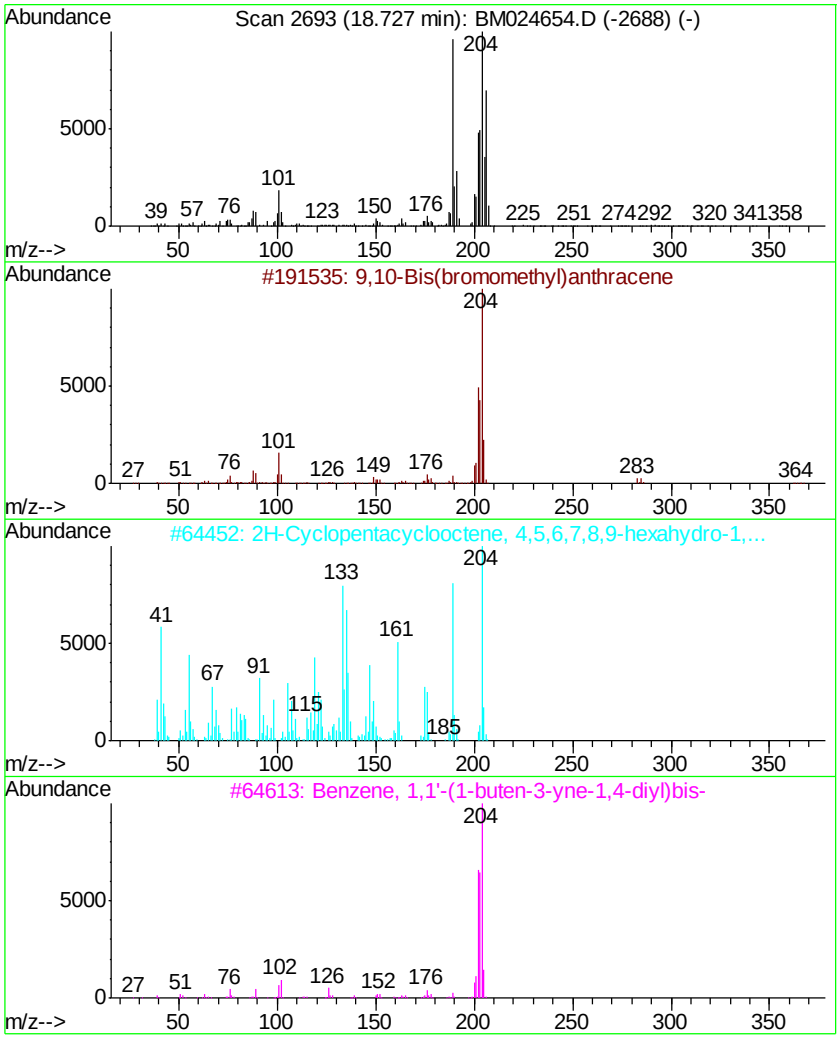
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

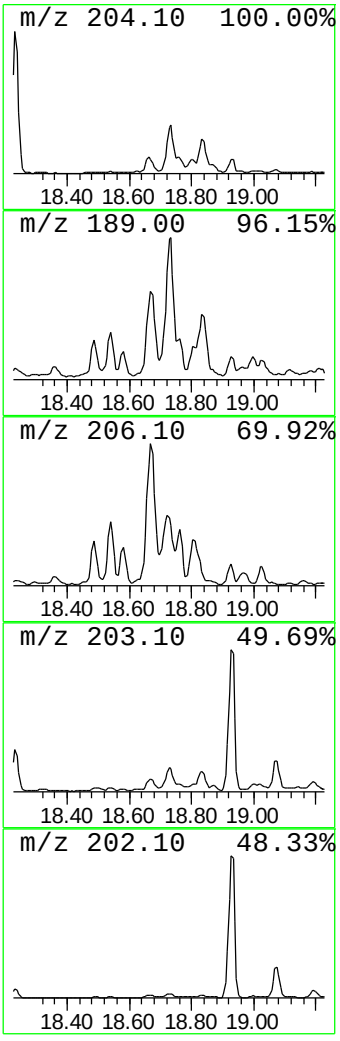
****

Peak Number 19 unknown18.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	27.06 ng	4490970	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
2	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	43
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	42
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012920\
Data File : BM024654.D
Acq On : 29 Jan 2020 17:29
Operator : CG/JU
Sample : L1287-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC-3-EXC-PIT-(0-5)-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.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
Naphthalene, 1,6-...	13.26	27.1	ng	9036980	3	14.09	6675310	20.0
Naphthalene, 2,3-...	13.42	57.3	ng	19109900	3	14.09	6675310	20.0
Naphthalene, 2,6-...	13.47	31.1	ng	10373600	3	14.09	6675310	20.0
Naphthalene, 1,3-...	13.65	29.9	ng	9976530	3	14.09	6675310	20.0
9H-Fluorene, 1-me...	16.16	49.3	ng	8188950	4	16.85	3319690	20.0
9H-Fluorene, 3-me...	16.21	30.2	ng	5007750	4	16.85	3319690	20.0
9H-Fluorene, 2-me...	16.31	20.1	ng	3334720	4	16.85	3319690	20.0
Naphtho[2,3-b]thi...	16.66	32.4	ng	5378150	4	16.85	3319690	20.0
9H-Fluorene, 2,3-...	17.06	21.4	ng	3550560	4	16.85	3319690	20.0
4-Methylnaphtho[1...	17.57	20.5	ng	3400600	4	16.85	3319690	20.0
Phenanthrene, 2-m...	17.73	69.1	ng	11465300	4	16.85	3319690	20.0
Phenanthrene, 1-m...	17.77	80.4	ng	13340600	4	16.85	3319690	20.0
Anthracene, 2-met...	17.86	33.7	ng	5590060	4	16.85	3319690	20.0
4H-Cyclopenta[def...	17.92	125.3	ng	20805700	4	16.85	3319690	20.0
1H-Indene, 2-phenyl-	17.96	44.2	ng	7341580	4	16.85	3319690	20.0
Naphthalene, 2-ph...	18.23	25.7	ng	4267560	4	16.85	3319690	20.0
Phenanthrene, 2,5...	18.67	52.6	ng	8733140	4	16.85	3319690	20.0
unknown18.73	18.73	27.1	ng	4490970	4	16.85	3319690	20.0