LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.646	632	639	647	rBV	1081543	1653656	2.15%	0.233%
2	6.993	691	698	710	rBV	1150046	1749053	2.28%	0.246%
3	8.163	889	897	907	rVV	1389664	2154077	2.81%	0.303%
4	8.592	958	970	977	rBV	1058532	1881400	2.45%	0.265%
5	9.304	1086	1091	1101	rVB	951697	1599566	2.08%	0.225%
6	9.839	1177	1182	1192	rVB	1523161	2649800	3.45%	0.373%
7	10.210	1238	1245	1253	rBV	1307613	2231946	2.91%	0.314%
8	10.351	1263	1269	1276	rVB	1384763	2277889	2.97%	0.320%
9	12.927	1701	1707	1712	rVV	1133432	1638866	2.14%	0.230%
10	13.263	1758	1764	1772	rVV	1881129	4546304	5.92%	0.639%
11	13.422	1781	1791	1796	rVV	3094029	5431340	7.08%	0.764%
12	13.475	1796	1800	1804	rVV	2111012	3040426	3.96%	0.428%
13	13.527	1804	1809	1821	rVB2	2669305	4586097	5.98%	0.645%
14	13.657	1826	1831	1835	rVV	1757516	2726229	3.55%	0.383%
15	13.792	1847	1854	1856	rVV	2923381	4479897	5.84%	0.630%
16	13.822	1856	1859	1865	rVB2	2608255	3707955	4.83%	0.521%
17	14.098	1896	1906	1912	rBV3	2696321	4994635	6.51%	0.702%
18	14.169	1912	1918	1921	rVV	1807694	2643120	3.44%	0.372%
19	14.322	1938	1944	1953	rBV	1605886	3000490	3.91%	0.422%
20	14.510	1966	1976	1984	rVB2	6371125	10437390	13.60%	1.468%
21	14.592	1984	1990	1995	rBV	1733710	2386524	3.11%	0.336%
22	14.733	2005	2014	2019	rBV2	1417949	2794101	3.64%	0.393%
23	14.786	2019	2023	2035	rVB	1467965	2170366	2.83%	0.305%
24	15.104	2072	2077	2082	rVB2	4086914	5768557	7.52%	0.811%
25	15.163	2082	2087	2092	rVB	9071983	12301781	16.03%	1.730%
26	15.245	2097	2101	2105	rVV3	1008497	1530275	1.99%	0.215%
27	15.463	2132	2138	2142	rBV	2876946	4110788	5.36%	0.578%
28	15.610	2156	2163	2171	rVB	2847841	6239773	8.13%	0.878%
29	15.845	2196	2203	2210	rBV3	824608	1800332	2.35%	0.253%
30	16.168	2248	2258	2263	rBV4	1997877	4648941	6.06%	0.654%
31	16.215	2263	2266	2272	rVB2	1320605	1905857	2.48%	0.268%
32	16.404	2290	2298	2302	rBV2	1520393	2800636	3.65%	0.394%
33	16.445	2302	2305	2308	rVV2	1034046	1505155	1.96%	0.212%
34	16.515	2312	2317	2325	rVB	4032252	6042376	7.87%	0.850%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

35	16.598	2326	2331	2337	rBV	1401354	2396033	3.12%	0.337%
36	16.674	2337	2344	2349	rBV	3283677	4958030	6.46%	0.697%
37	16.857	2366	2375	2378	rBV	2073756	3910707	5.10%	0.550%
38	16.921	2378	2386	2389	rVV2	42882401	76747581	100.00%	10.794%
39	16.962	2389	2393	2395	rVV	5196866	6921884	9.02%	0.973%
40	16.998	2395	2399	2404	rVB	11530448	14925553	19.45%	2.099%
41	17.057	2404	2409	2415	rBV2	914105	1643844	2.14%	0.231%
42	17.262	2434	2444	2448	rBV2	2814840	4811564	6.27%	0.677%
43	17.386	2461	2465	2469	rVV2	1206406	1728794	2.25%	0.243%
44	17.439	2469	2474	2483	rVB4	2176865	3717549	4.84%	0.523%
45	17.580	2494	2498	2503	rVB	945621	1526889	1.99%	0.215%
46	17.739	2519	2525	2528	rBV	7920293	11017766	14.36%	1.549%
47	17.786	2528	2533	2541	rVB	11198119	15633362	20.37%	2.199%
48	17.862	2541	2546	2551	rBV	3350095	4558442	5.94%	0.641%
49	17.927	2551	2557	2561	rBV2	10572299	17564678	22.89%	2.470%
50	17.968	2561	2564	2572	rVB	5718727	7284099	9.49%	1.024%
51	18.245	2606	2611	2614	rVV	4967873	7379271	9.61%	1.038%
52	18.280	2614	2617	2623	rVB	5774127	7659928	9.98%	1.077%
53	18.492	2649	2653	2658	rVV2	1620137	2685791	3.50%	0.378%
54	18.545	2658	2662	2665	rVV	1577098	2135462	2.78%	0.300%
55	18.580	2665	2668	2673	rVB	1506929	1964942	2.56%	0.276%
56	18.668	2673	2683	2687	rBV2	4962922	8891566	11.59%	1.250%
57	18.727	2687	2693	2696	rVV2	2441806	4610667	6.01%	0.648%
58	18.762	2696	2699	2702	rVV	1517868	1778520	2.32%	0.250%
59	18.809	2702	2707	2715	rVB	3685862	6804202	8.87%	0.957%
60	18.939	2720	2729	2734	rBV2	35912582	58475745	76.19%	8.224%
61	19.015	2736	2742	2749	rBV4	2396802	5236500	6.82%	0.736%
62	19.080	2749	2753	2757	rVB	1605493	2195907	2.86%	0.309%
63	19.139	2757	2763	2766	rBV	2085459	3336880	4.35%	0.469%
64	19.309	2780	2792	2798	rVV4	34178463	69998808	91.21%	9.844%
65	19.368	2798	2802	2810	rVB2	2320376	4495880	5.86%	0.632%
66	19.474	2815	2820	2826	rBV	2747450	3755330	4.89%	0.528%
67	19.527	2826	2829	2837	rVB4	948504	2070242	2.70%	0.291%
68	19.627	2838	2846	2851	rBV3	3692403	8892305	11.59%	1.251%
69	19.756	2864	2868	2871	rVV3	2617257	4337736	5.65%	0.610%
70	19.792	2871	2874	2879	rVB	4362731	6046285	7.88%	0.850%
71	19.898	2881	2892	2895	rBV3	1993714	3755829	4.89%	0.528%

LSC Area Percent Report

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Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BM011520MA.M
Title : SVOA CALIBRATION

72	19.951	2896	2901	2907	rVB2	5301809	7861787	10.24%	1.106%
73	20.092	2921	2925	2929	rBV	3022503	3498429	4.56%	0.492%
74	20.139	2929	2933	2937	rBV	3071672	3977450	5.18%	0.559%
75	20.545	2998	3002	3009	rVB	4816419	6038440	7.87%	0.849%
76	20.703	3023	3029	3034	rVV2	3389486	6399950	8.34%	0.900%
77	20.750	3034	3037	3040	rVV	3755288	4493184	5.85%	0.632%
78	20.786	3040	3043	3047	rVV2	2434616	3514154	4.58%	0.494%
79	20.845	3047	3053	3059	rVB2	4306428	7249923	9.45%	1.020%
80	20.945	3068	3070	3080	rVB5	832058	2025146	2.64%	0.285%
81	21.056	3083	3089	3094	rBV2	21506373	34094103	44.42%	4.795%
82	21.109	3094	3098	3104	rVB	16586681	21719023	28.30%	3.054%
83	21.268	3121	3125	3131	rBV3	1830291	2952872	3.85%	0.415%
84	21.374	3139	3143	3148	rBV2	1375686	2318791	3.02%	0.326%
85	21.603	3176	3182	3186	rVV	4274081	5974018	7.78%	0.840%
86	21.650	3186	3190	3195	rVB	2520326	3333765	4.34%	0.469%
87	21.786	3209	3213	3216	rVV	1841863	2644193	3.45%	0.372%
88	21.886	3227	3230	3239	rVB3	1078667	1667892	2.17%	0.235%
89	22.203	3281	3284	3292	rVB2	795658	1857546	2.42%	0.261%
90	22.568	3339	3346	3351	rBV2	8471390	19704691	25.67%	2.771%
91	22.721	3367	3372	3379	rVB	1998282	2997945	3.91%	0.422%
92	23.009	3415	3421	3425	rBV	4215149	7342187	9.57%	1.033%
93	23.056	3425	3429	3432	rVV	2379411	3901304	5.08%	0.549%
94	23.103	3432	3437	3444	rVB	7282933	11838415	15.43%	1.665%
95	23.186	3445	3451	3454	rBV	1538904	2681220	3.49%	0.377%
96	23.227	3454	3458	3467	rVB2	1487669	3370591	4.39%	0.474%
97	24.768	3714	3720	3729	rVB5	749290	2058189	2.68%	0.289%
98	25.268	3795	3805	3814	rVB	3410920	8906661	11.61%	1.253%
99	25.497	3838	3844	3851	rVB	629741	1446510	1.88%	0.203%
100	25.891	3903	3911	3925	rVB	2047422	5894483	7.68%	0.829%

Sum of corrected areas: 711053031

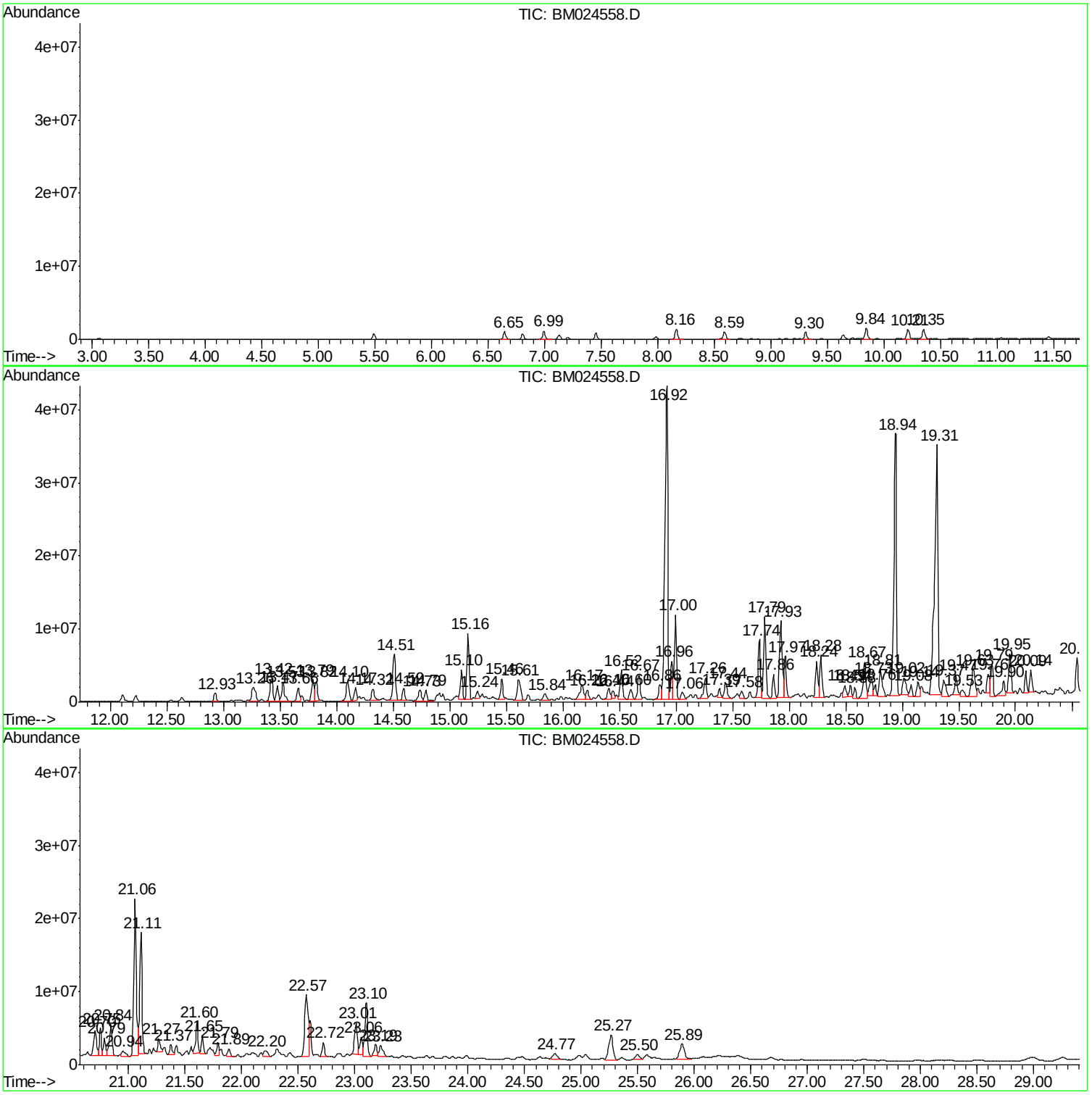
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

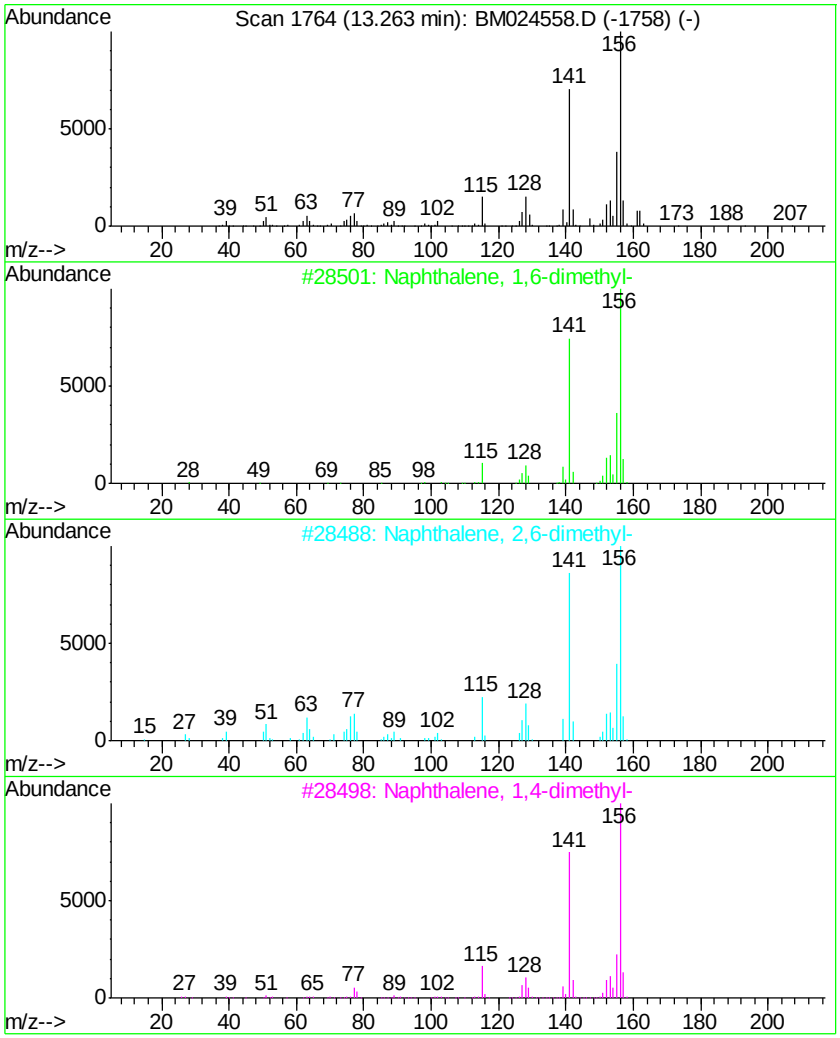
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

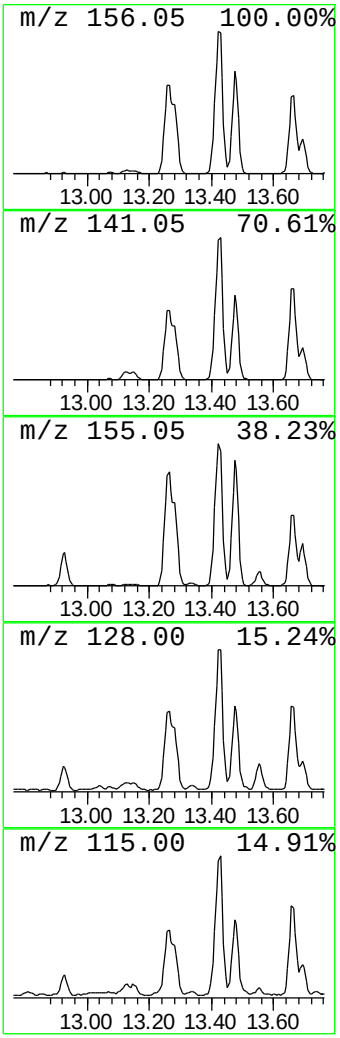
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	18.20 ng/ul	4546300	Acenaphthene-d10	14.10

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, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

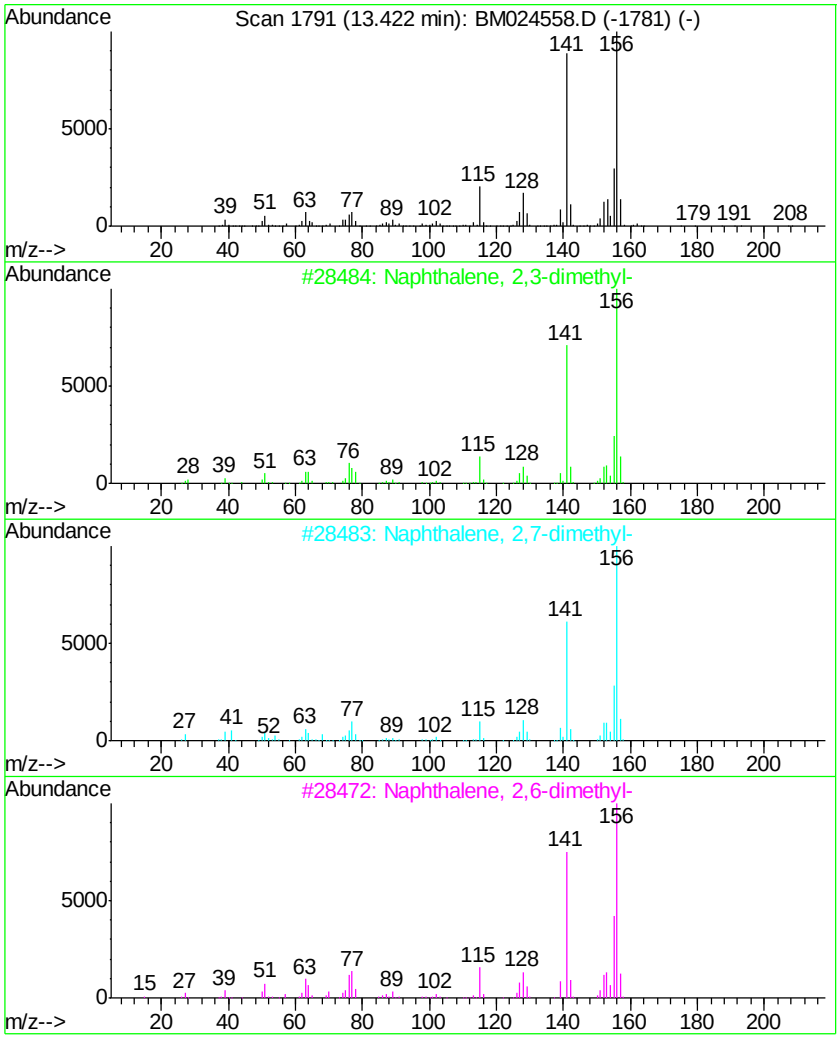
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

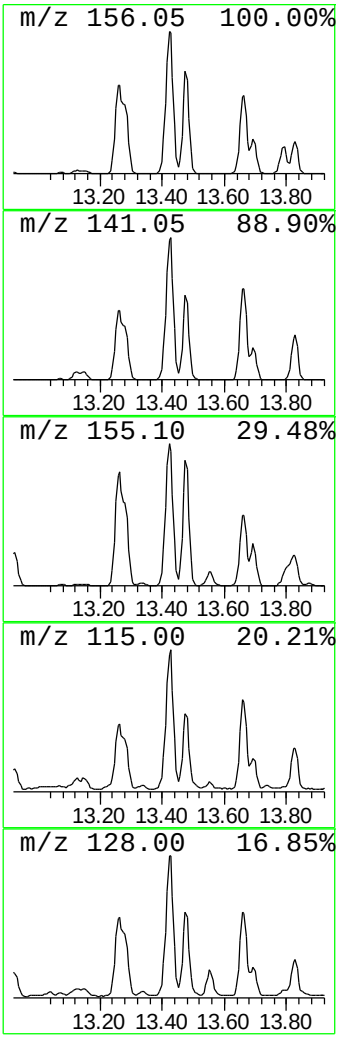
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	21.75 ng/ul	5431340	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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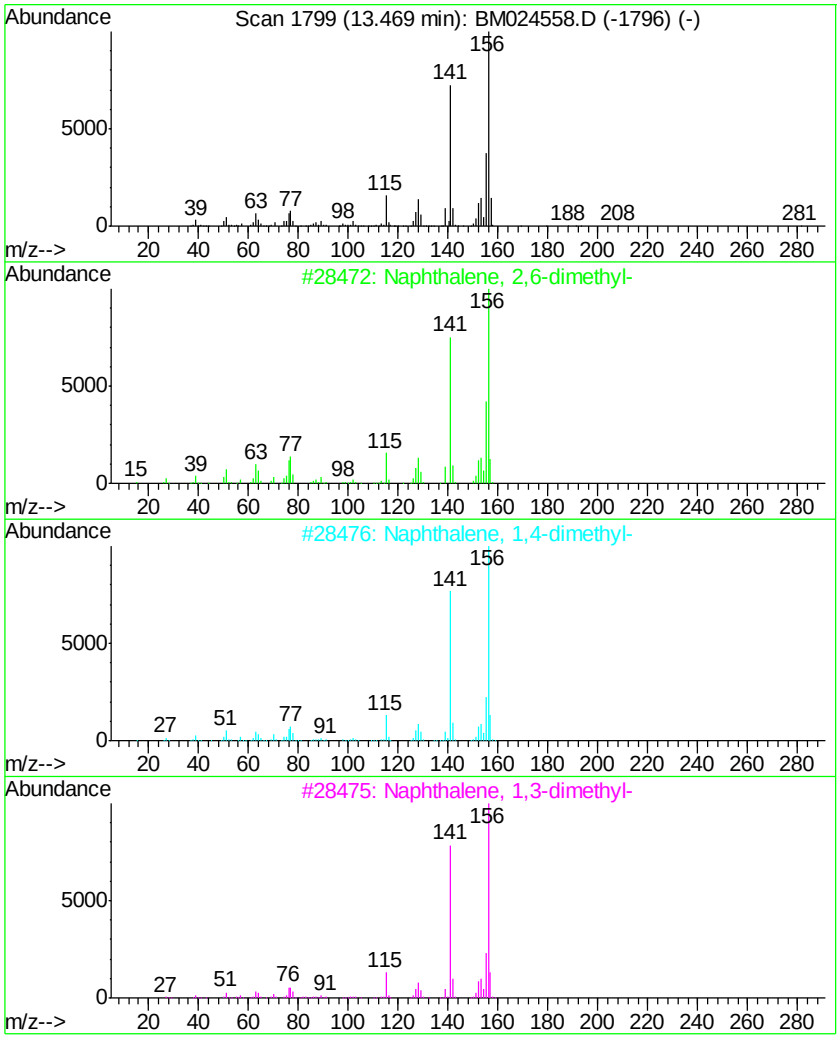
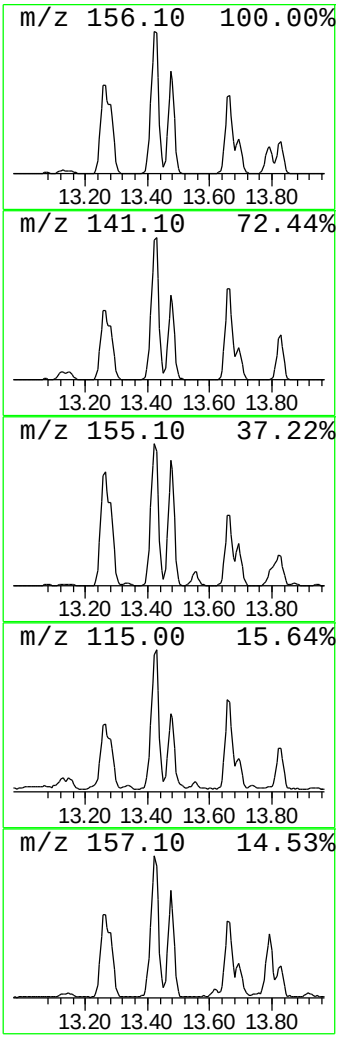
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	12.17 ng/ul	3040430	Acenaphthene-d10	14.10

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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

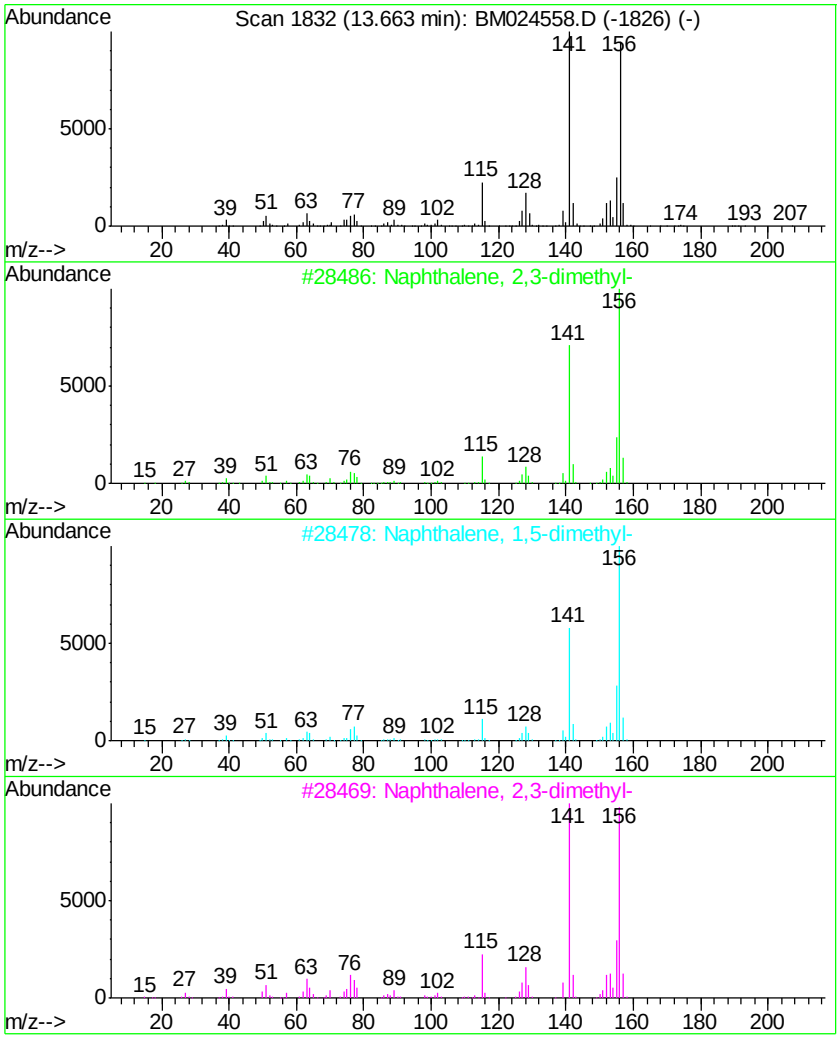
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

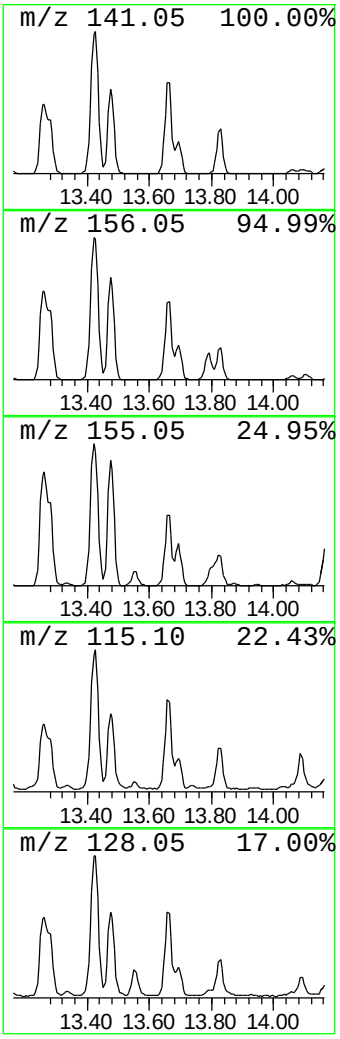
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	10.92 ng/ul	2726230	Acenaphthene-d10	14.10

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

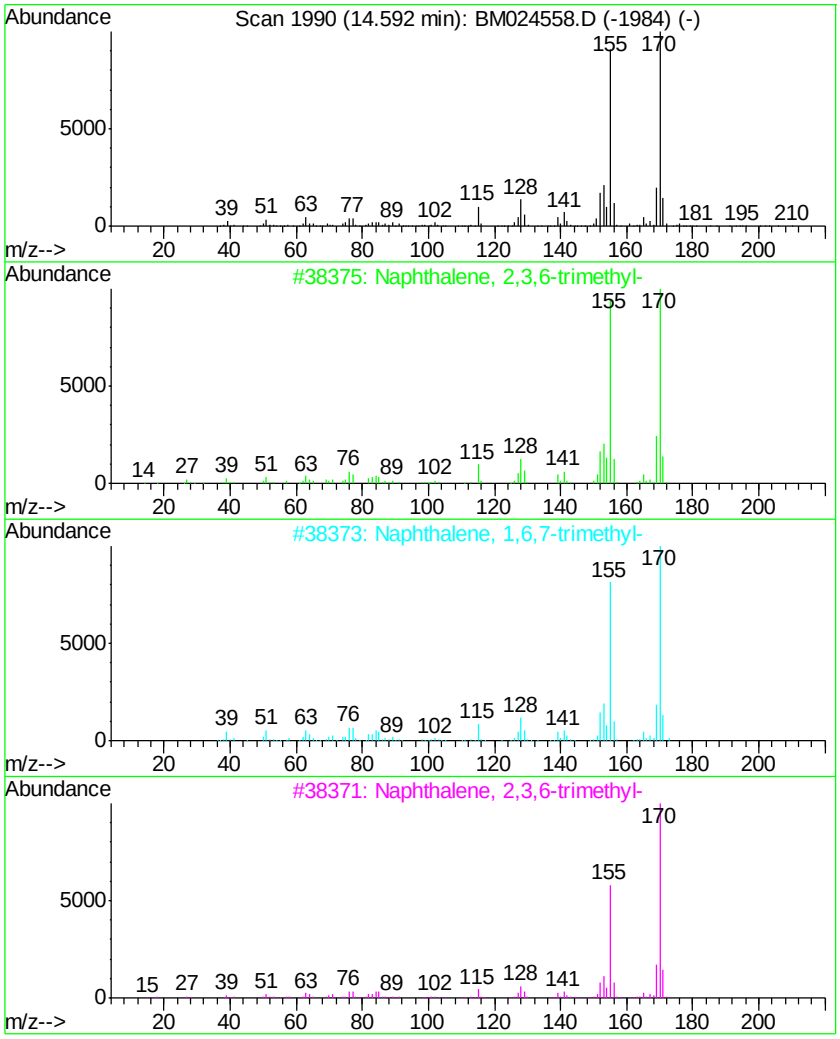
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

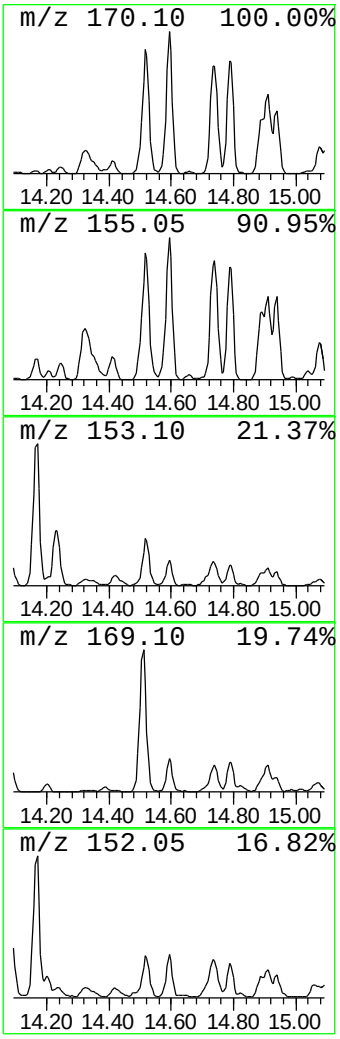
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	9.56 ng/ul	2386520	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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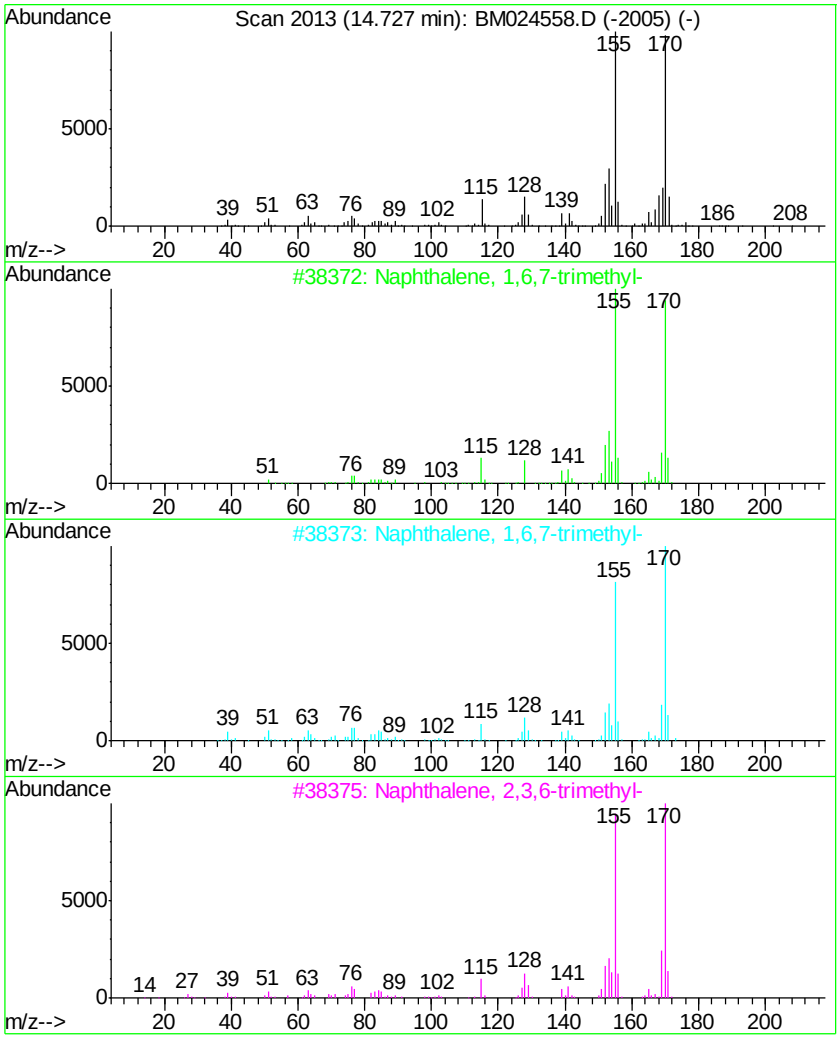
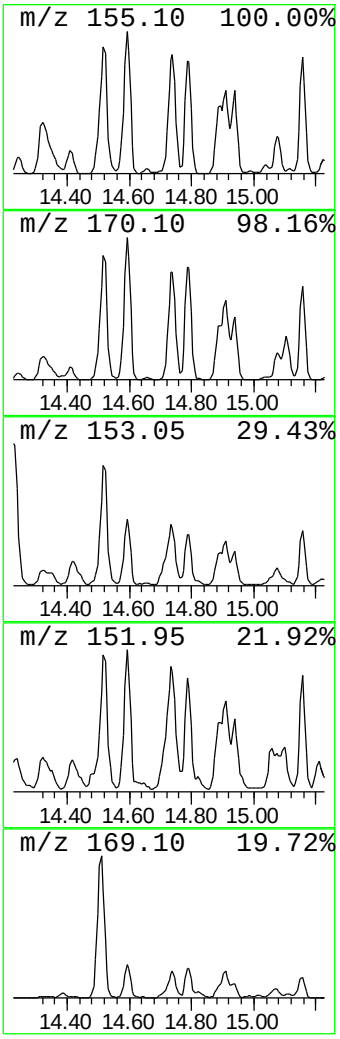
Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	11.19 ng/ul	2794100	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.69 ng/ul	2170370	Acenaphthene-d10	14.10

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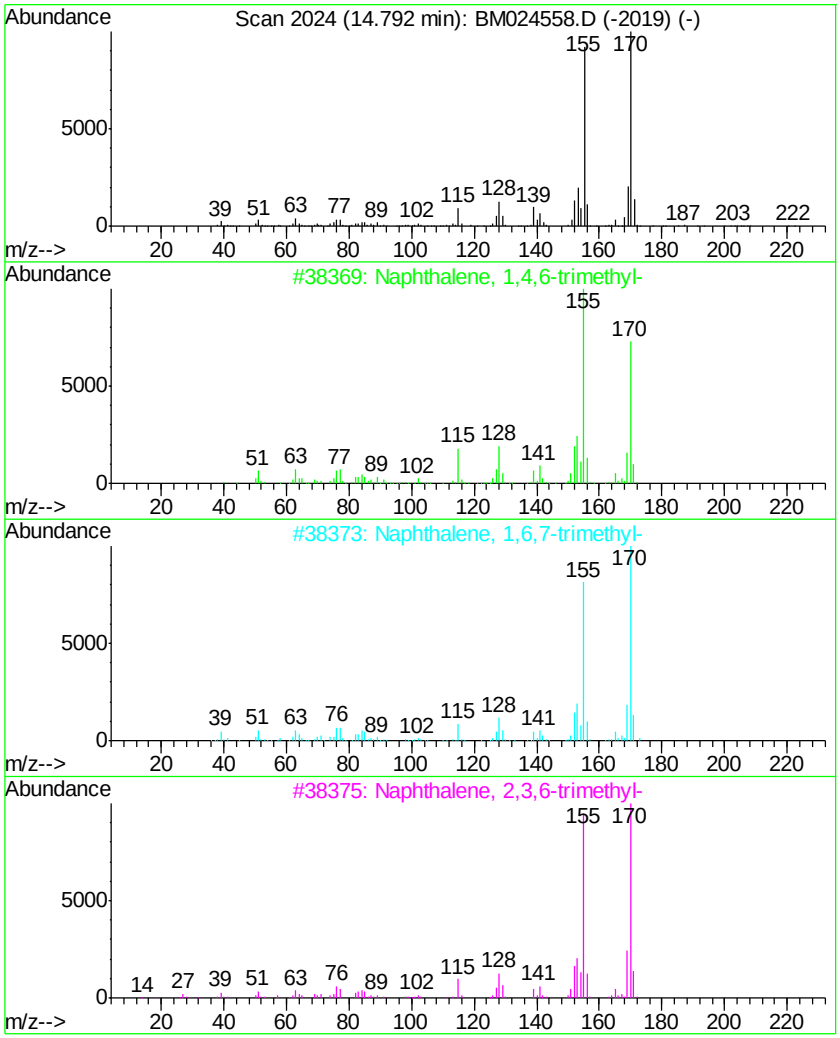

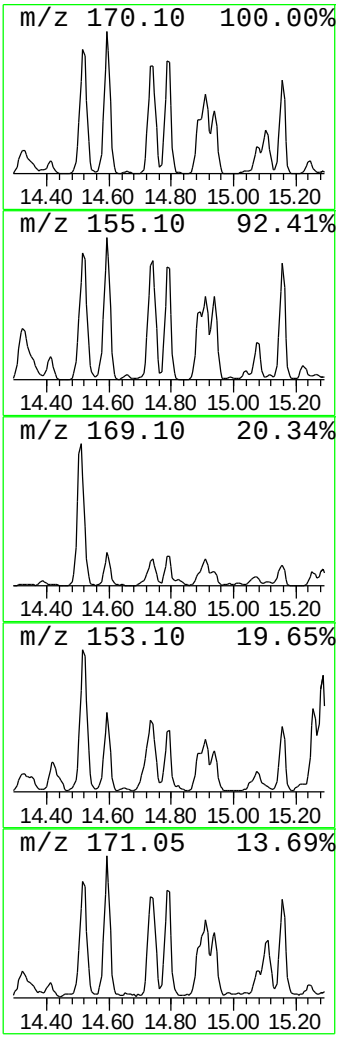

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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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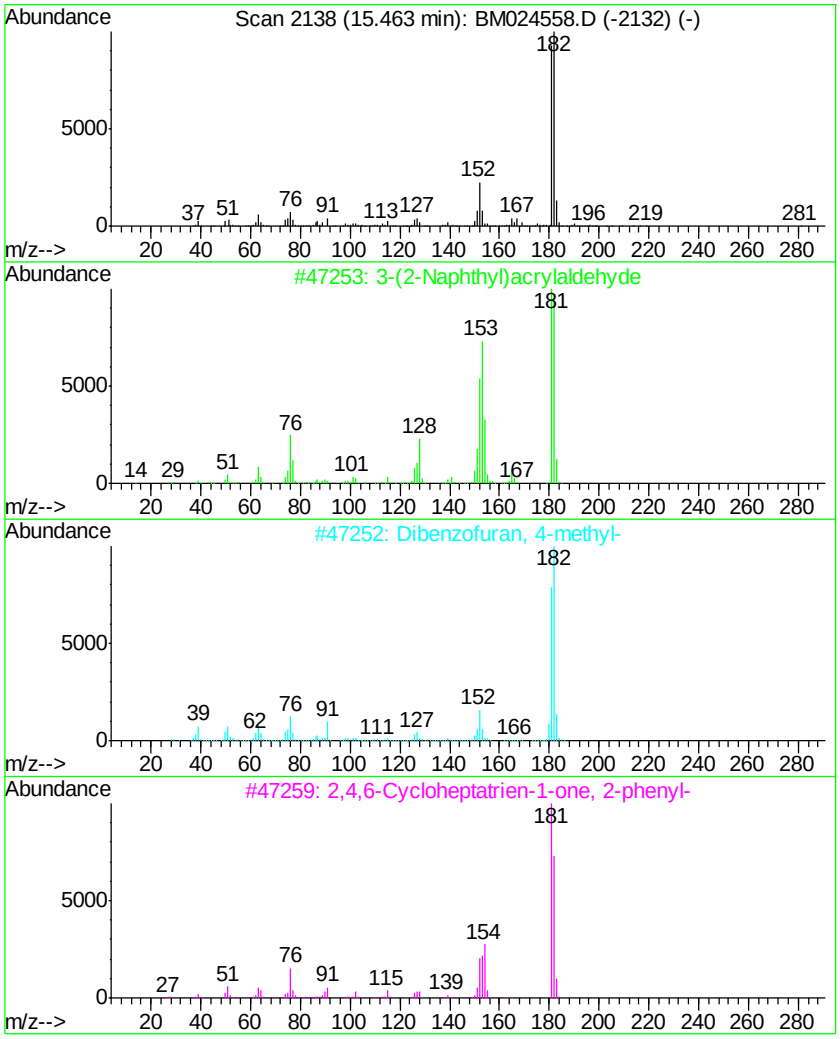
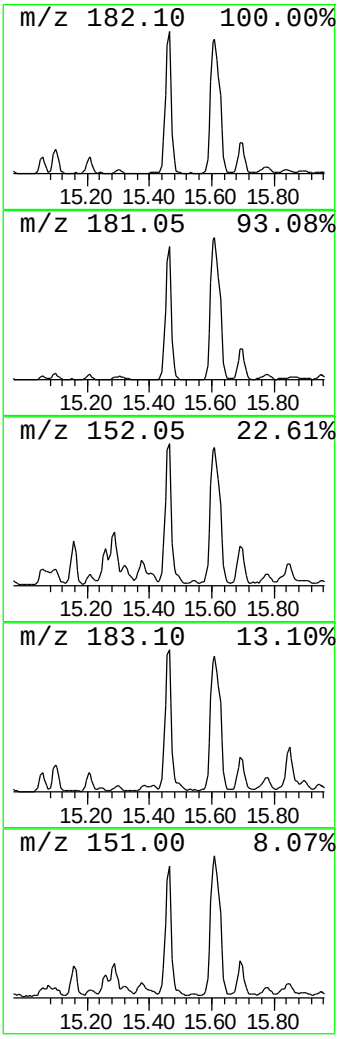
Peak Number 8 3-(2-Naphthyl)acrylaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	16.46 ng/ul	4110790	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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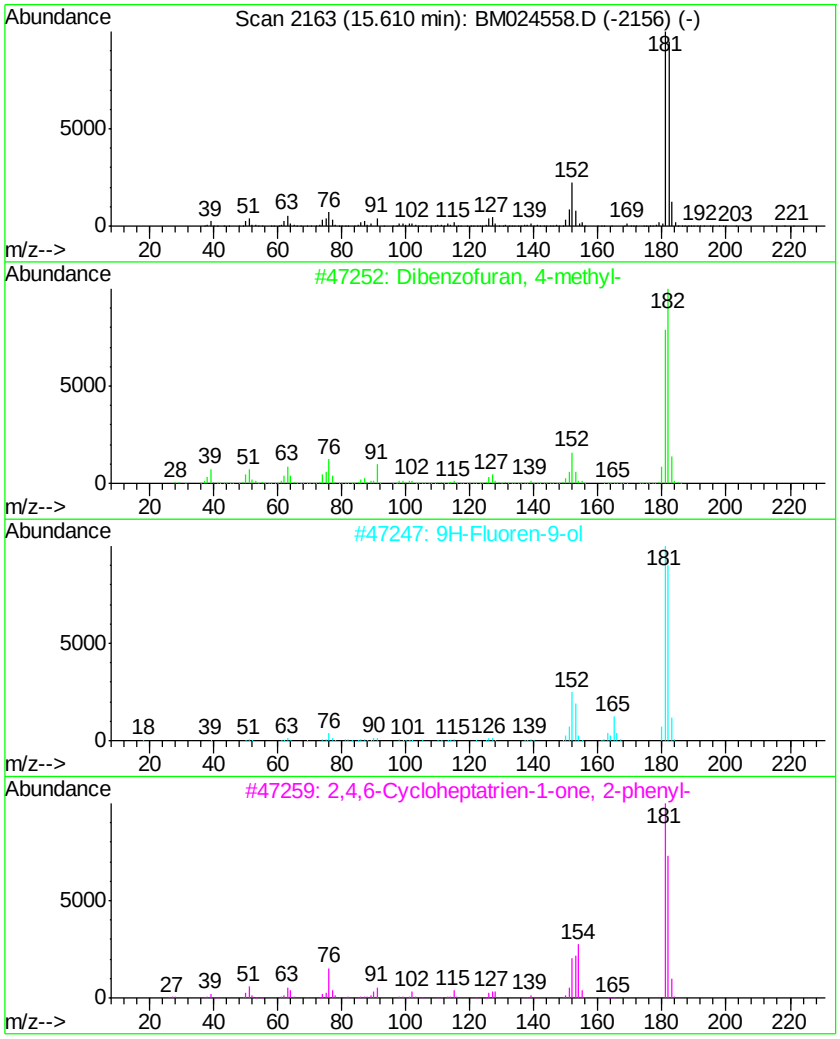
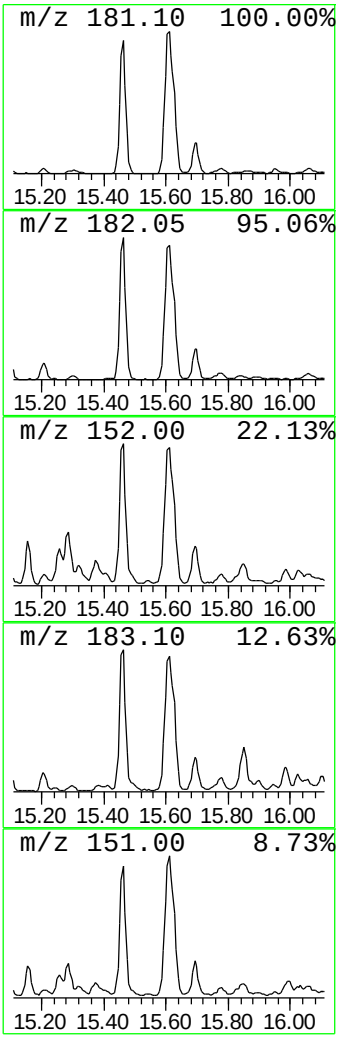
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	31.91 ng/ul	6239770	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	9H-Xanthene	182	C13H10O	000092-83-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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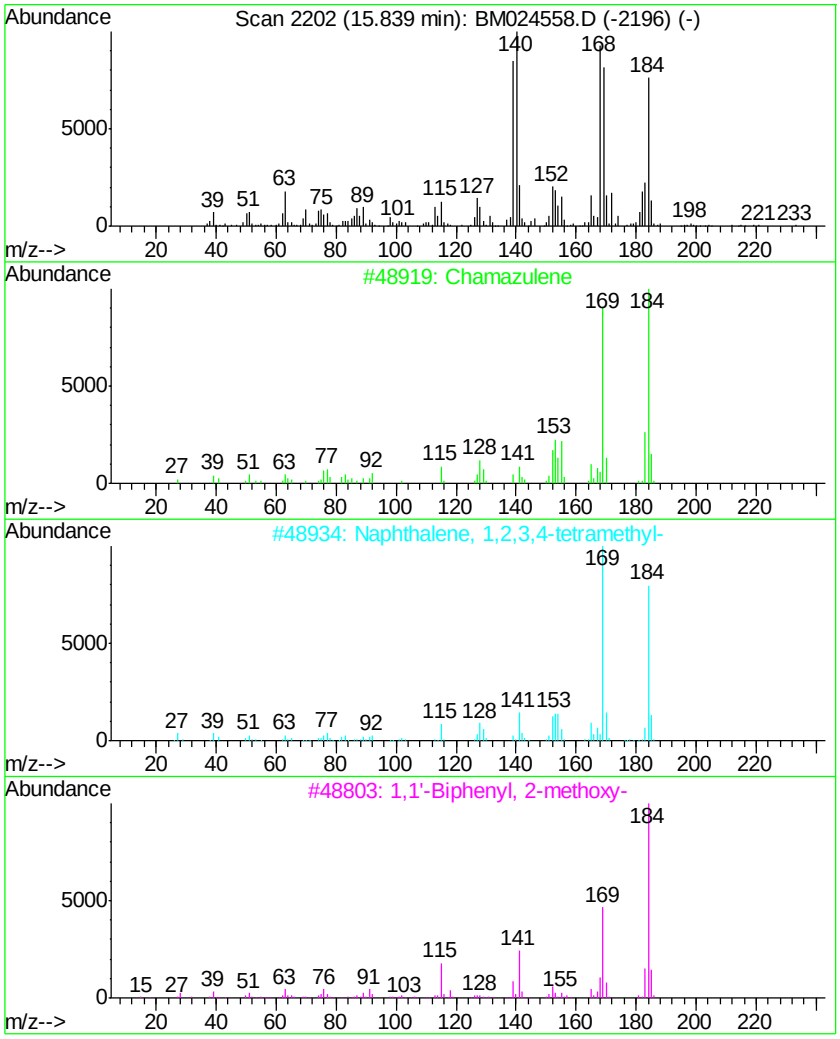
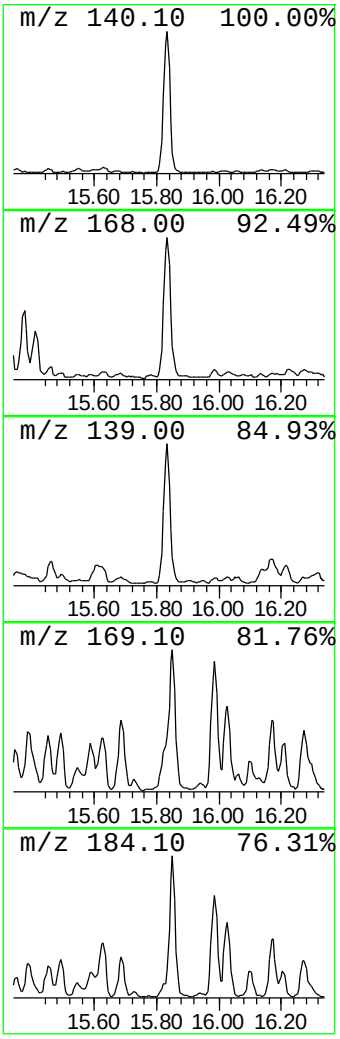
Peak Number 10 Chamazulene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	9.21 ng/ul	1800330	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	86
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	76
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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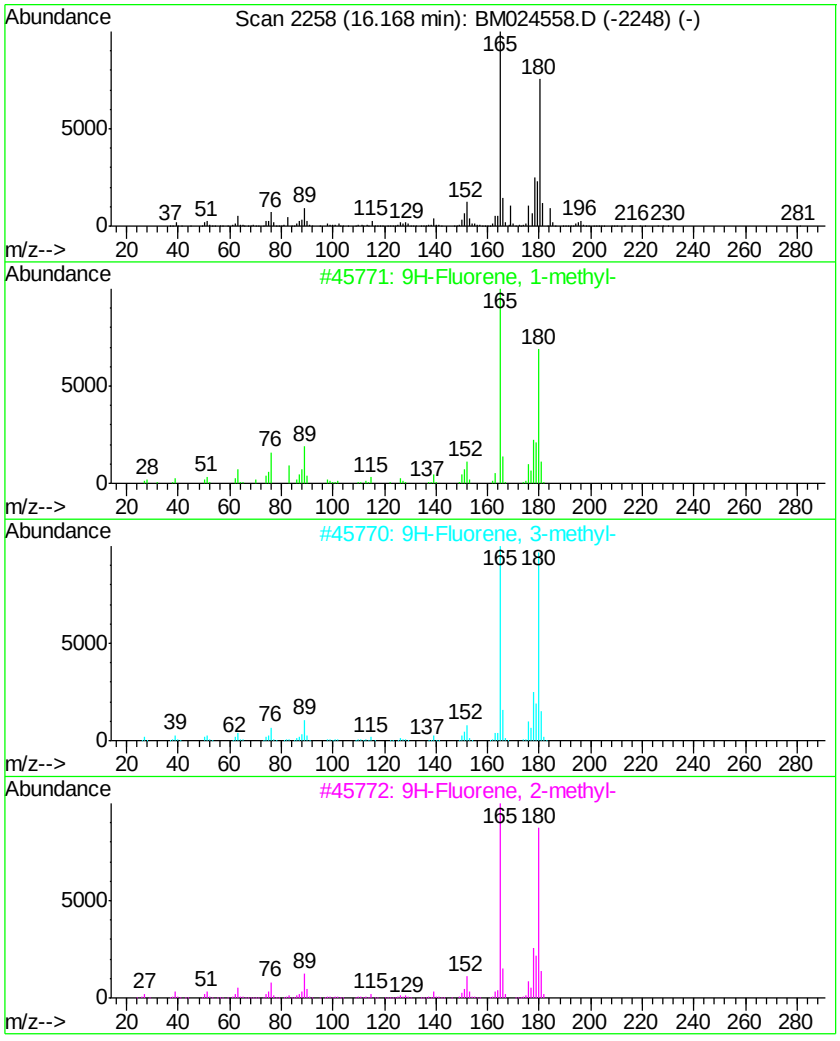
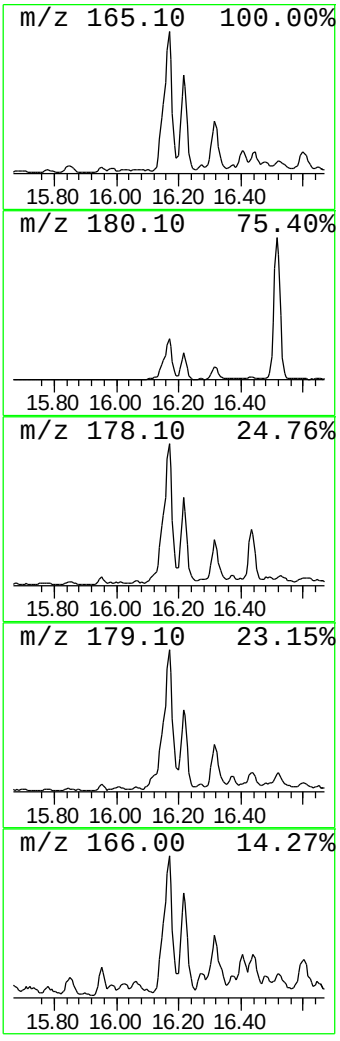
Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	23.78 ng/ul	4648940	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90





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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

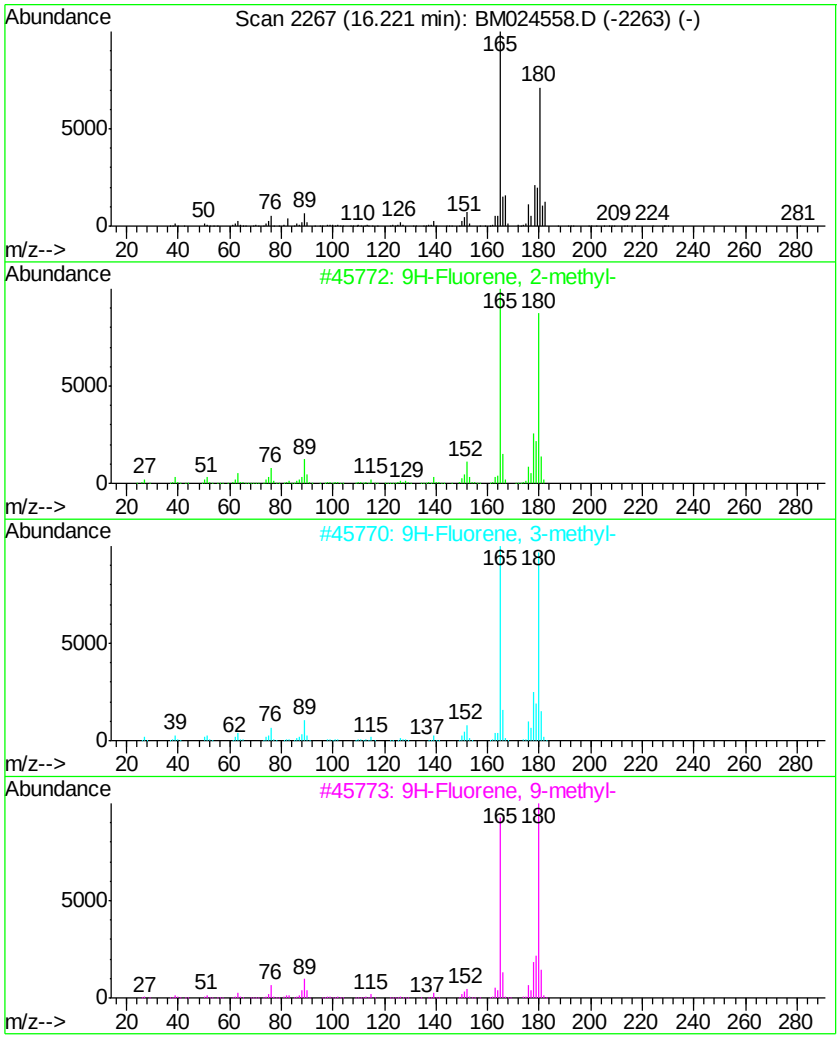
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

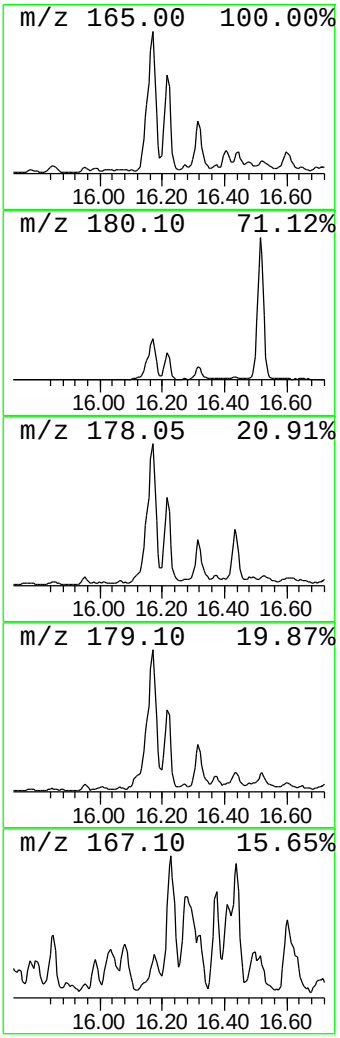
****

Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	9.75 ng/ul	1905860	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	87
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	74
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	74





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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

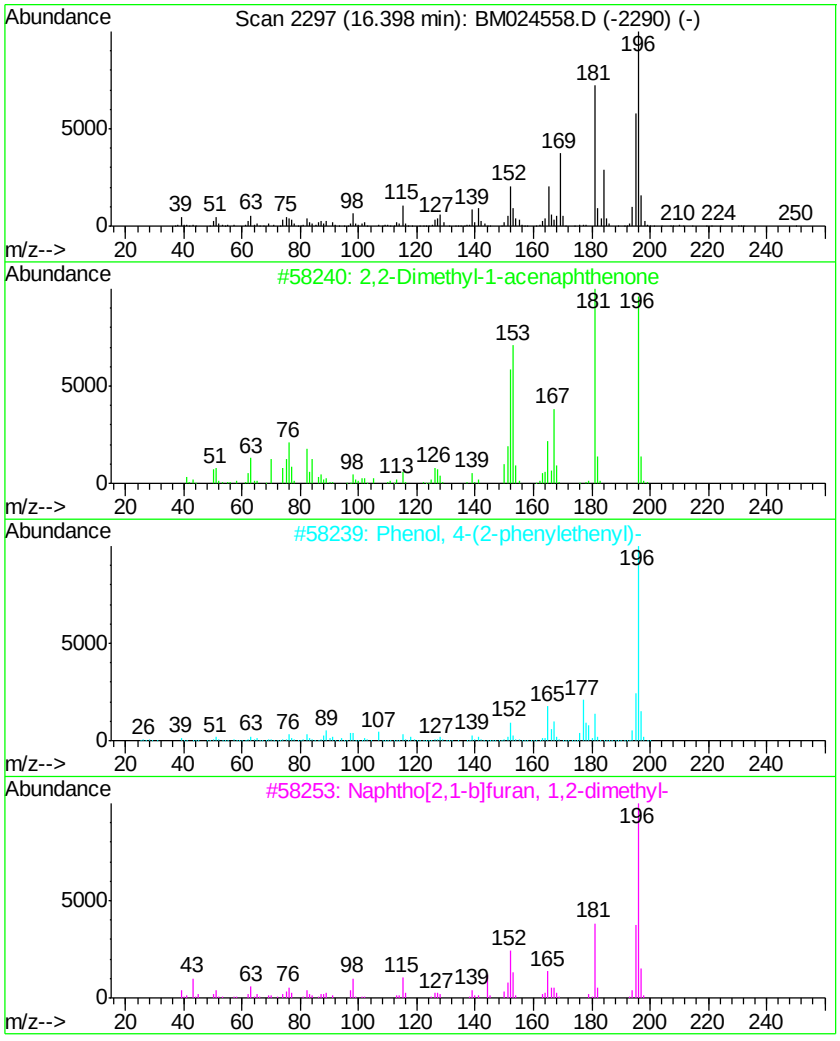
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

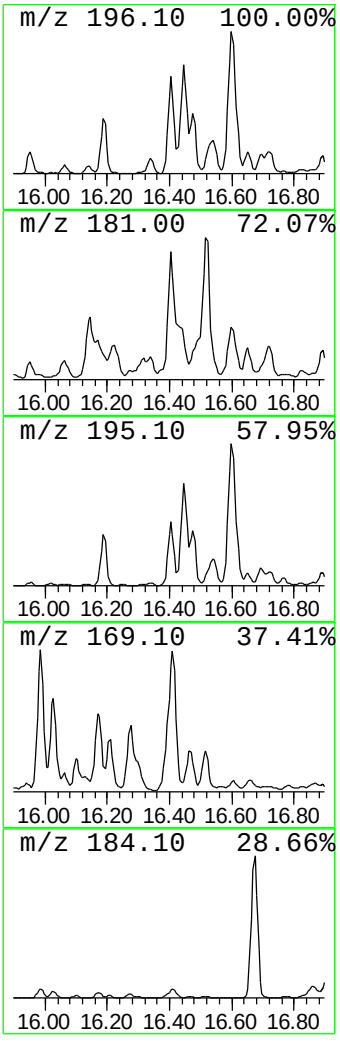
****

Peak Number 13 2,2-Dimethyl-1-acenaphthenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	14.32 ng/ul	2800640	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	50
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	43
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	38





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Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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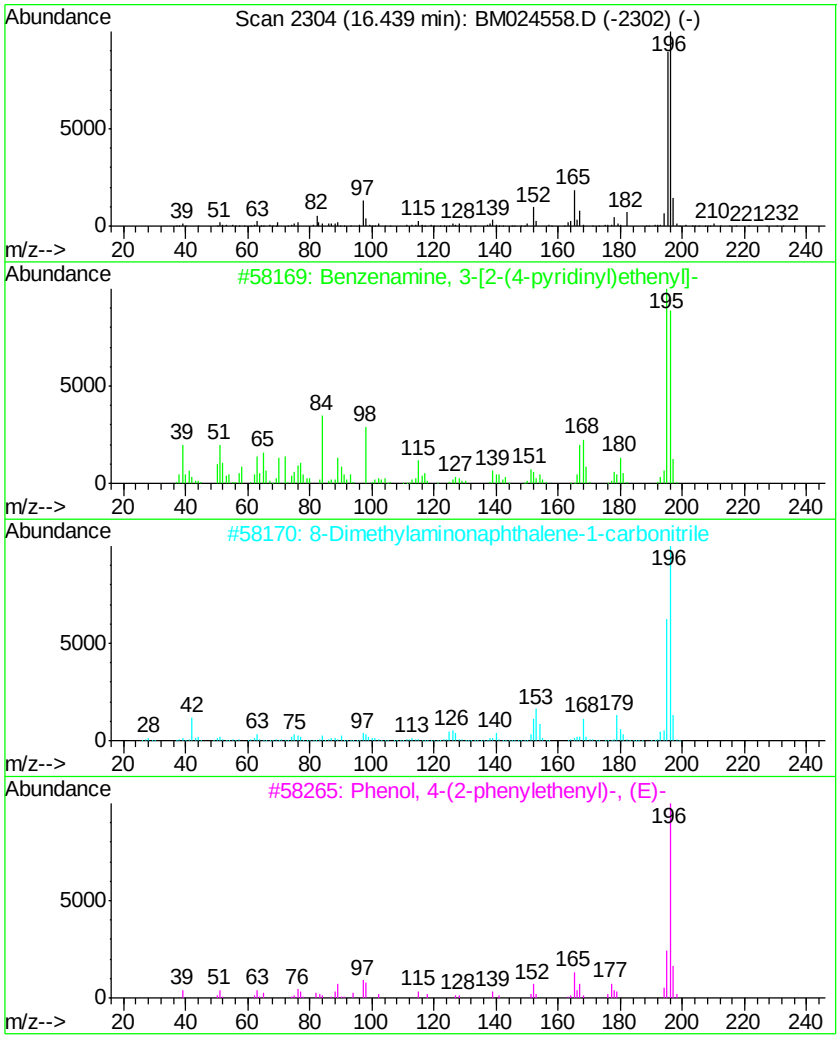
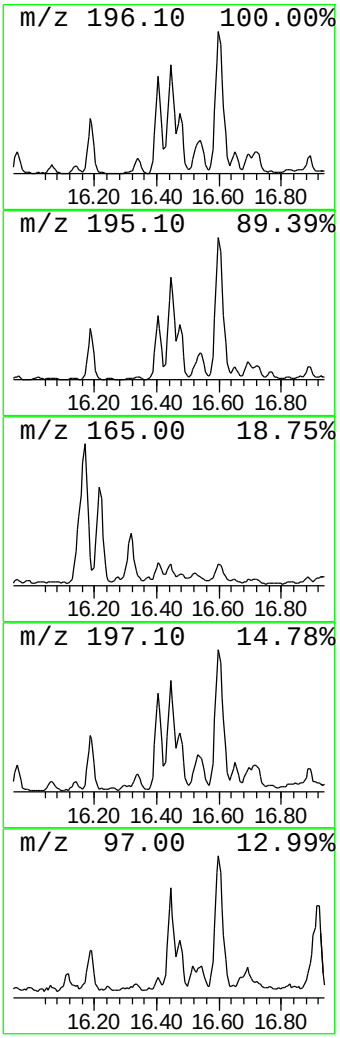
Peak Number 14 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.70 ng/ul	1505160	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	64
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	53
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	45





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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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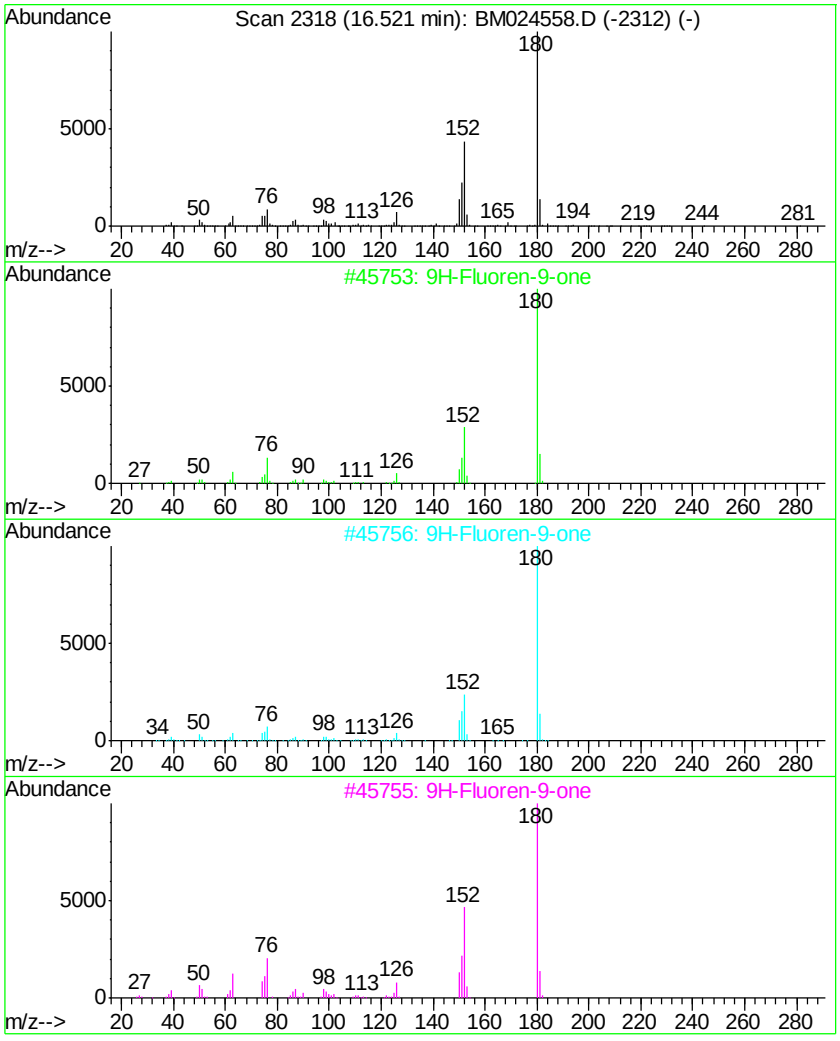
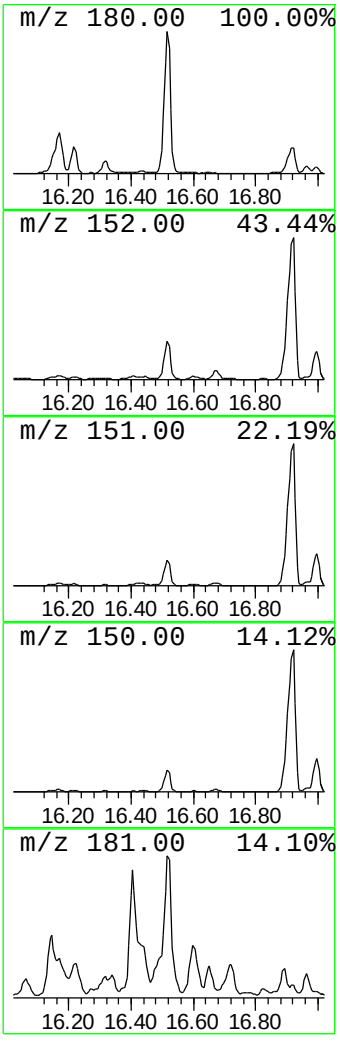
Peak Number 15 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	30.90 ng/ul	6042380	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





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Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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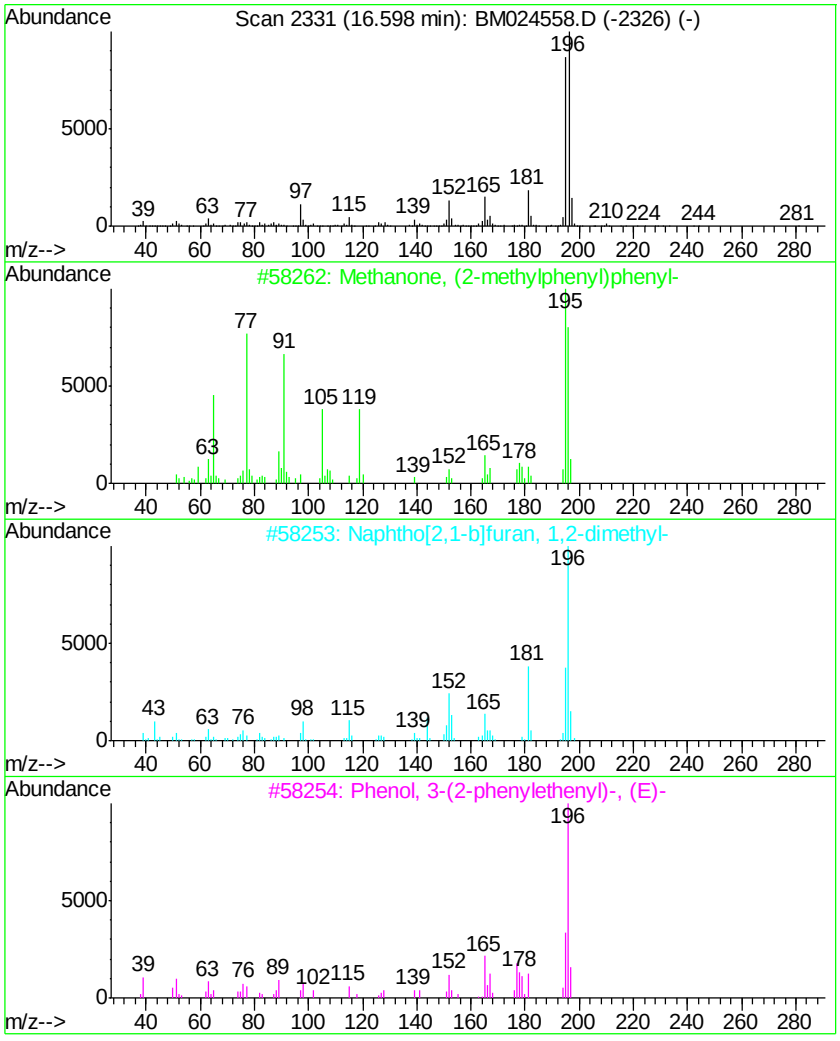
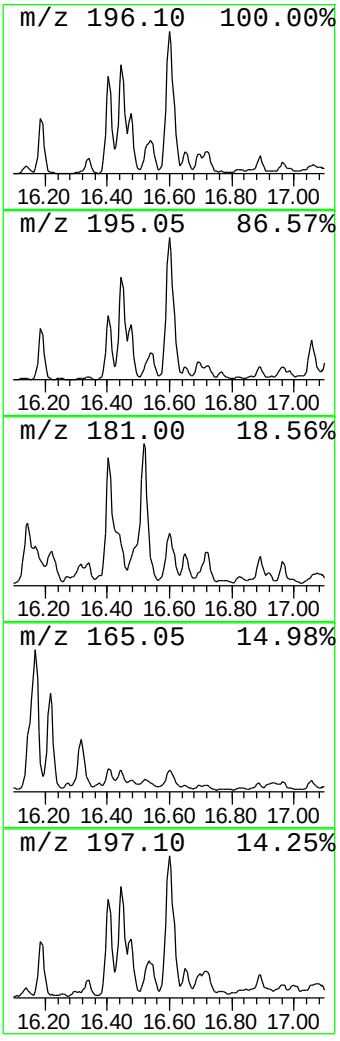
Peak Number 16 Methanone, (2-methylphenyl)... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	12.25 ng/ul	2396030	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	64
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	50





Library Search Compound Report

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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

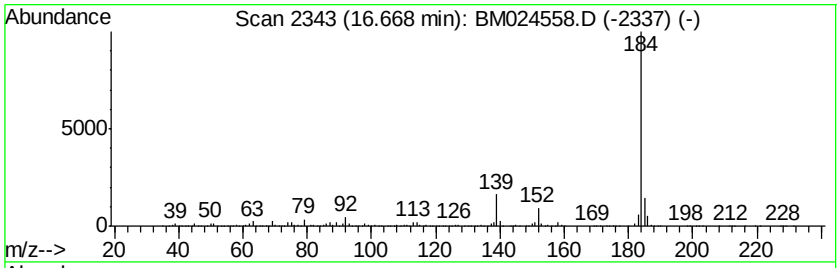
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

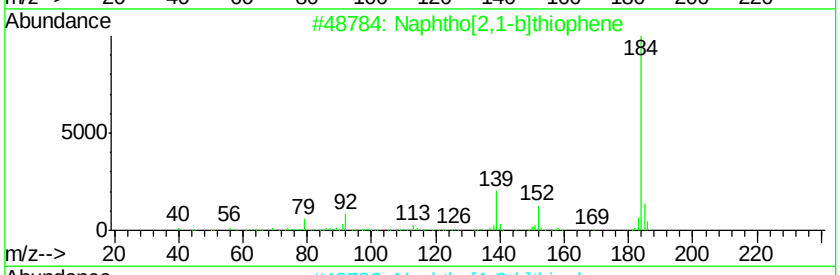
****

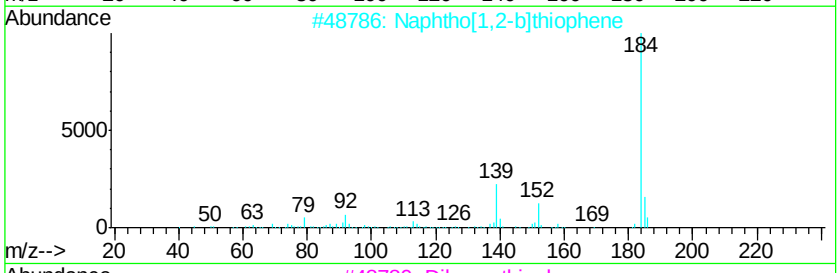
Peak Number 17 Naphtho[2,1-b]thiophene Concentration Rank 11

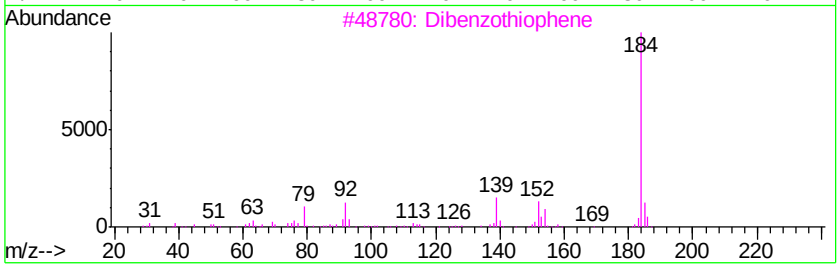
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	25.36 ng/ul	4958030	Phenanthrene-d10	16.86

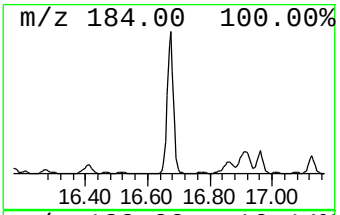
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93

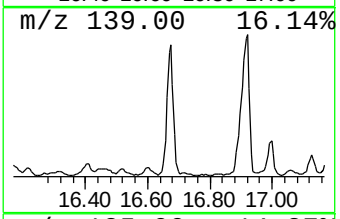


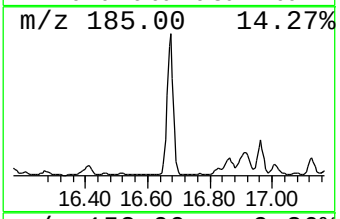


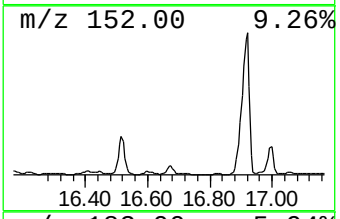


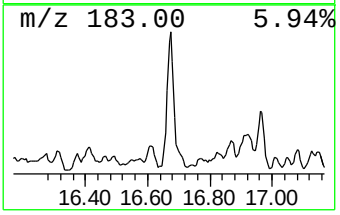












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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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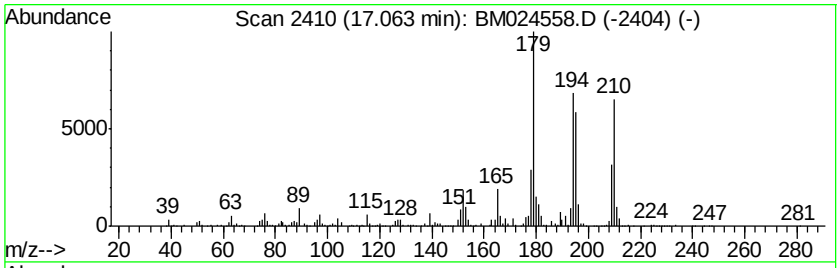
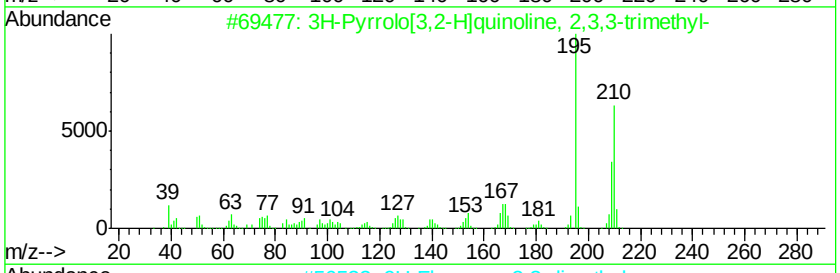
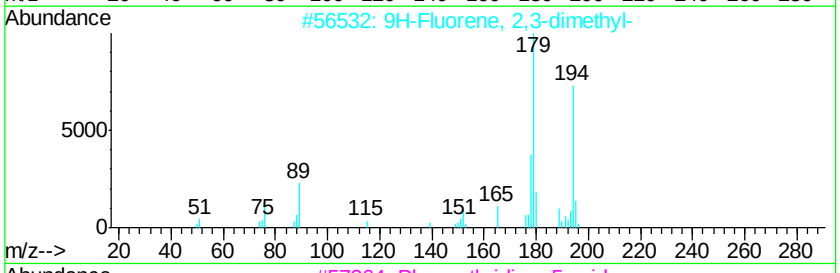
Peak Number 18 unknown-01 Concentration Rank 37

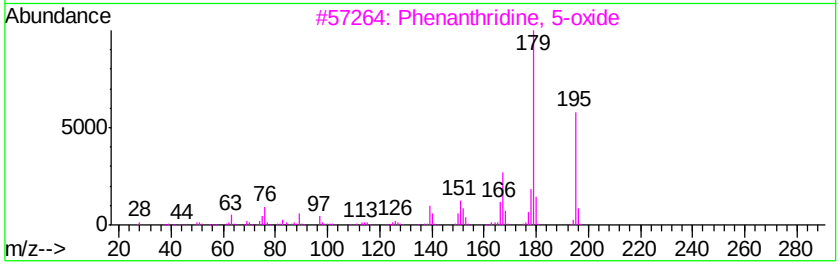
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	8.41 ng/ul	1643840	Phenanthrene-d10	16.86

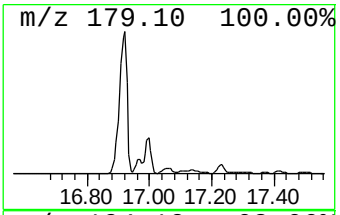
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	49
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	46
3	Phenanthridine, 5-oxide	195	C13H9NO	014548-01-7	46
4	Acridine 10-oxide	195	C13H9NO	010399-73-2	46
5	Fluorenone oxime	195	C13H9NO	002157-52-0	43

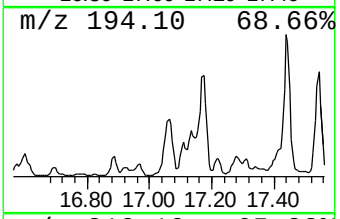


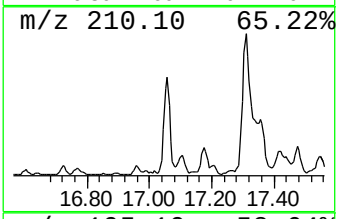


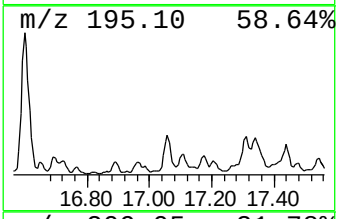


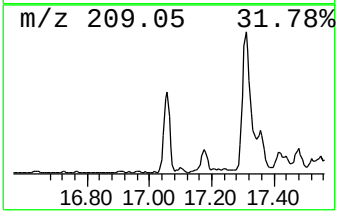












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

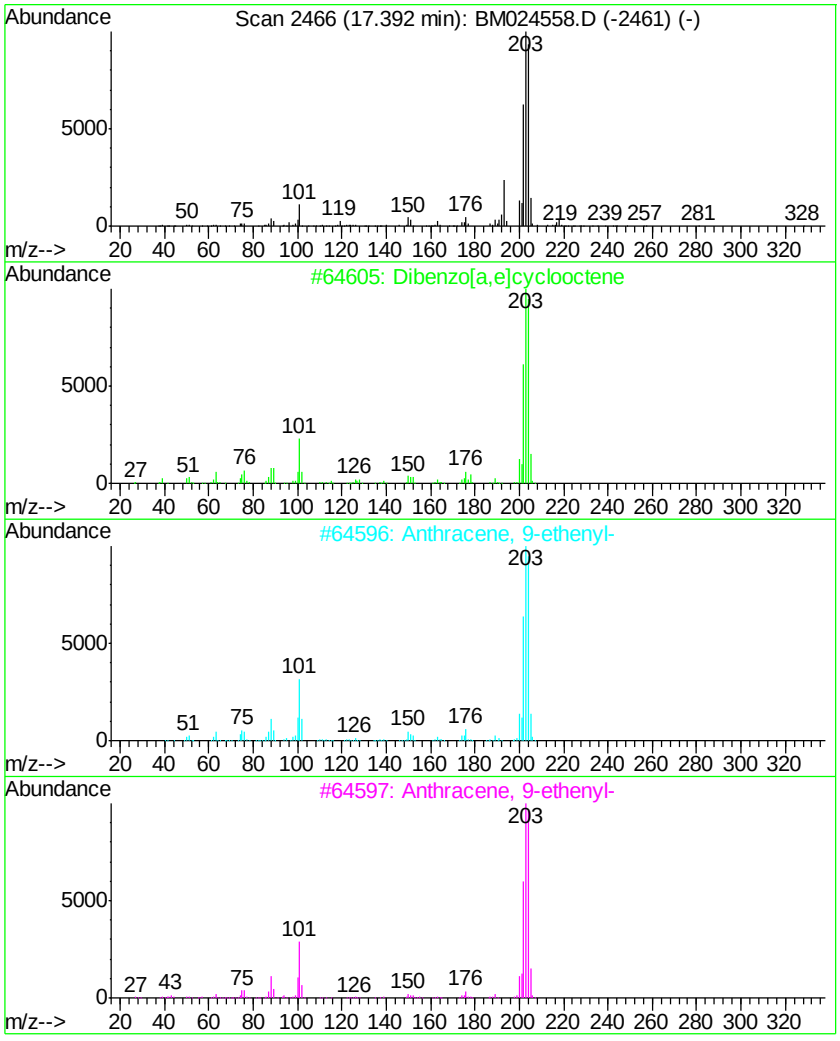
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

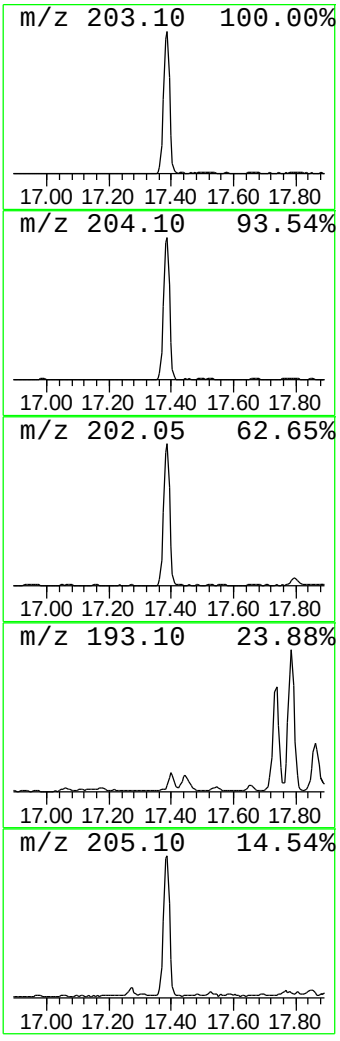
****

Peak Number 19 Dibenzo[a,e]cyclooctene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	8.84 ng/ul	1728790	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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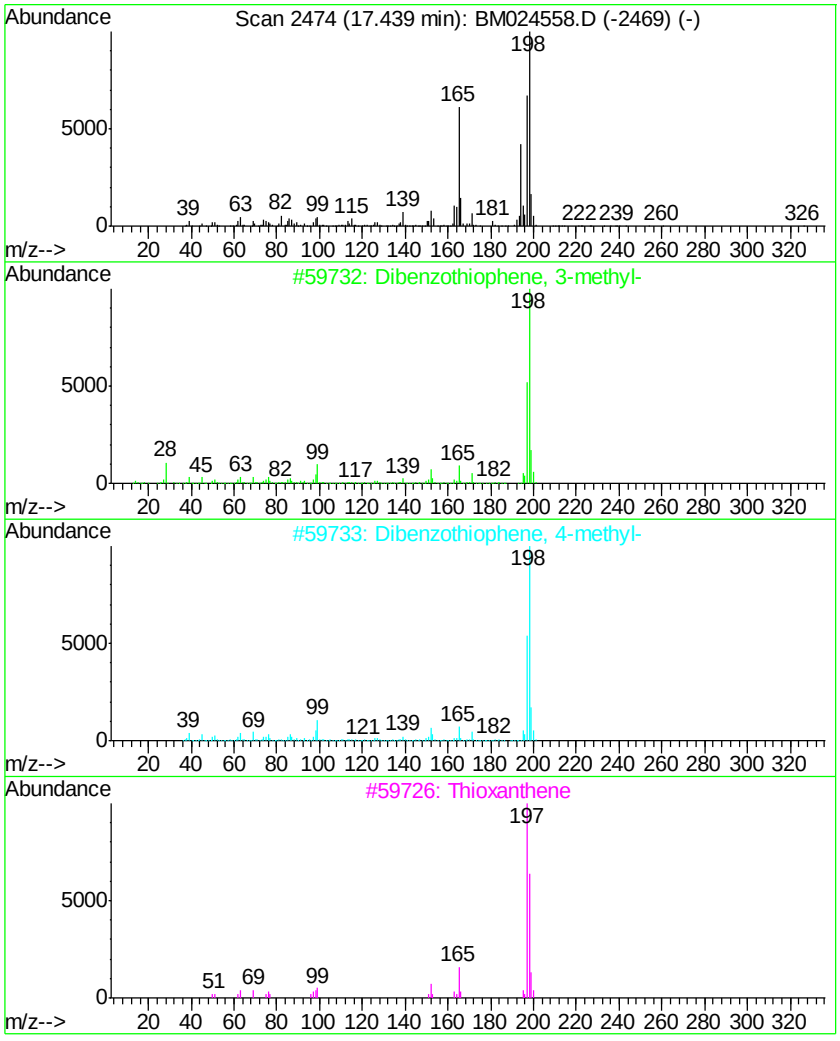
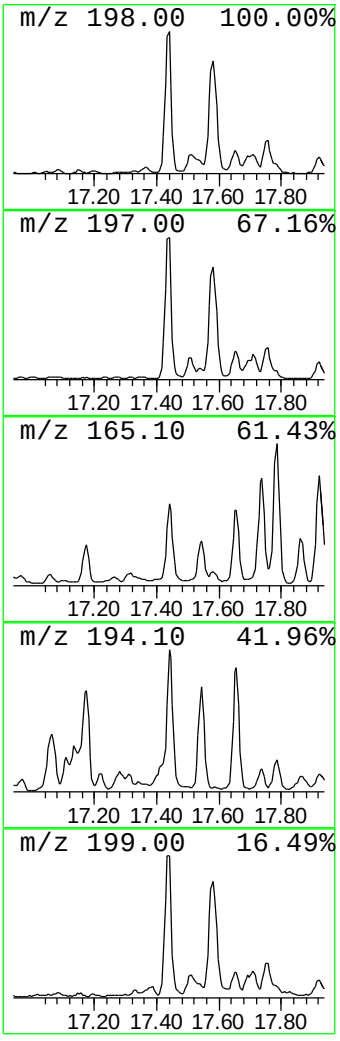
Peak Number 20 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	19.01 ng/ul	3717550	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	60
3	Thioxanthene	198	C13H10S	000261-31-4	50
4	Methanethione, diphenyl-	198	C13H10S	001450-31-3	47
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	46





Library Search Compound Report

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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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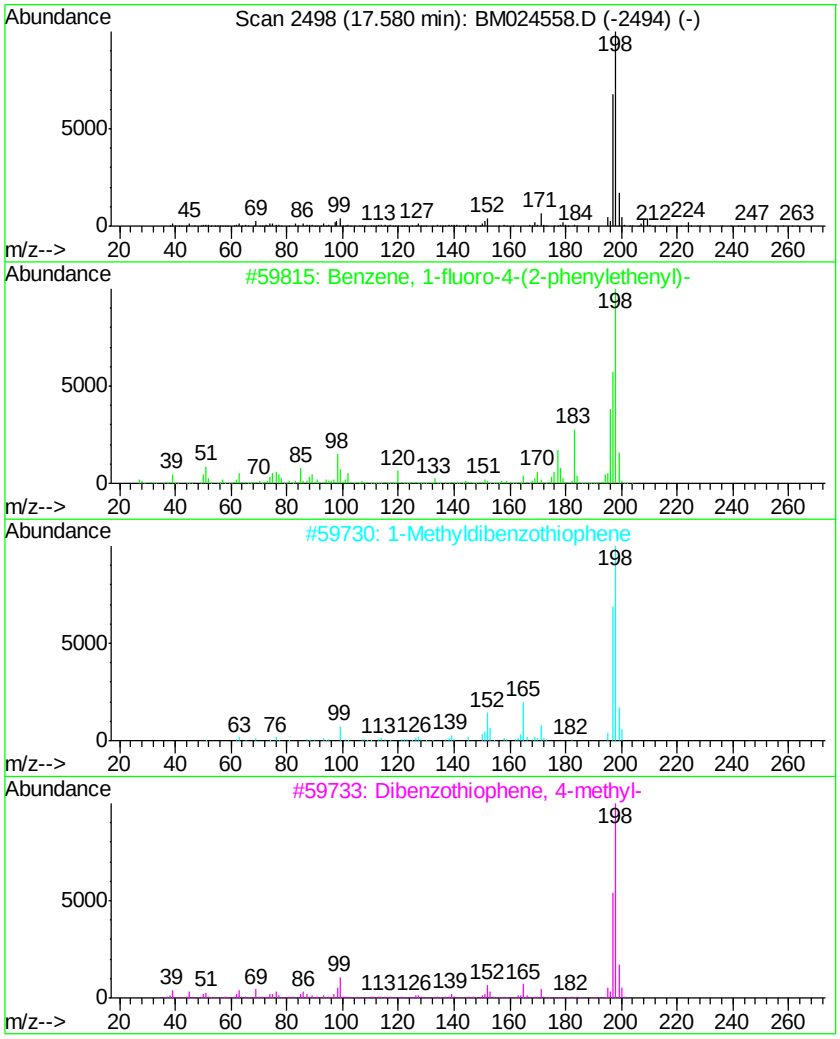
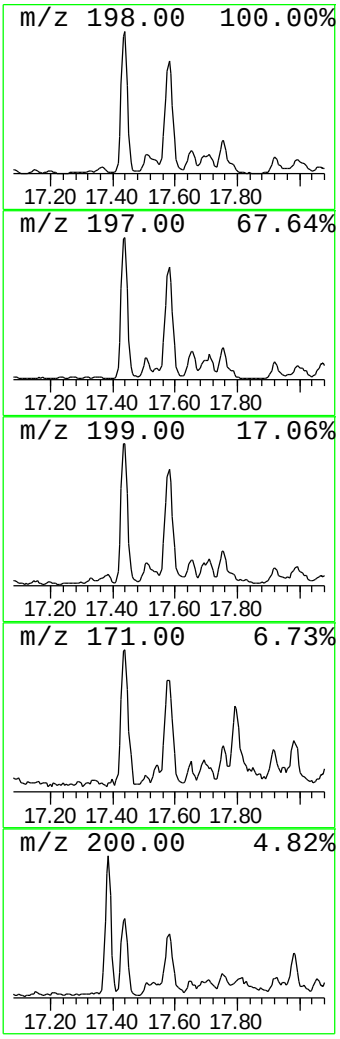
Peak Number 21 Benzene, 1-fluoro-4-(2-phen... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	7.81 ng/ul	1526890	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	80
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	78
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	78
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	72
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72





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Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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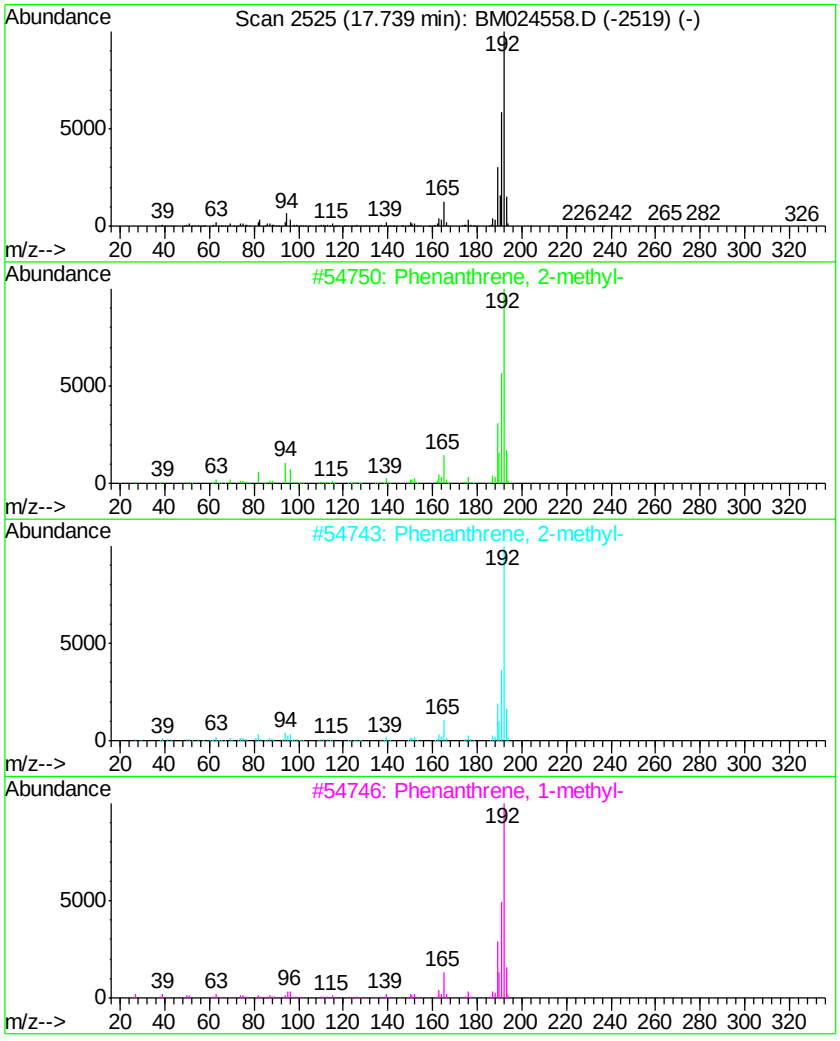
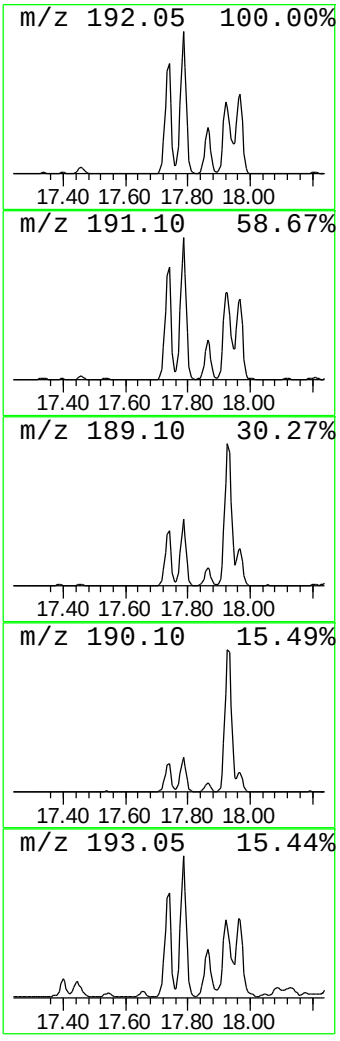
Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	56.35 ng/ul	11017800	Phenanthrene-d10	16.86

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





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Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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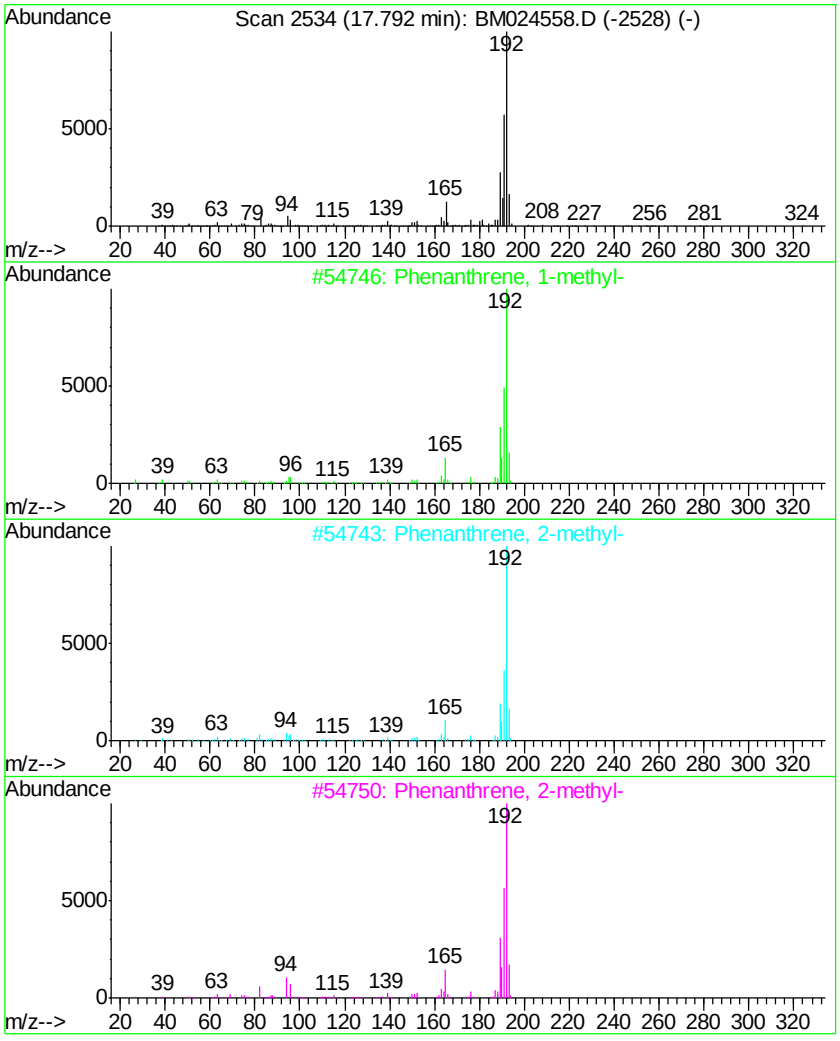
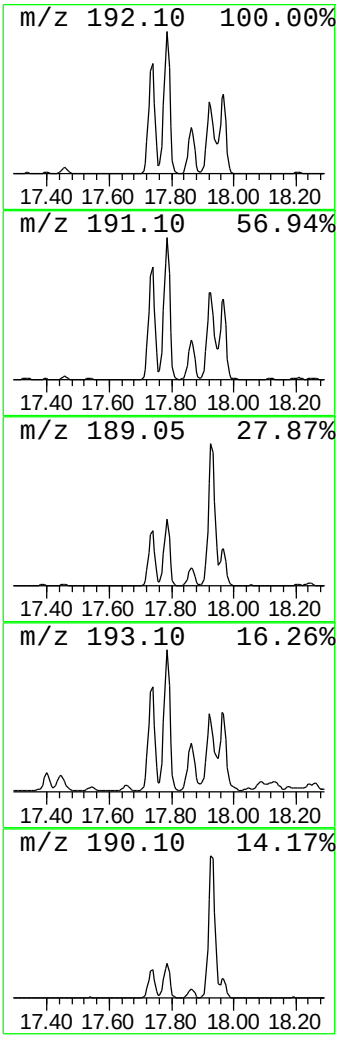
Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	79.95 ng/ul	15633400	Phenanthrene-d10	16.86

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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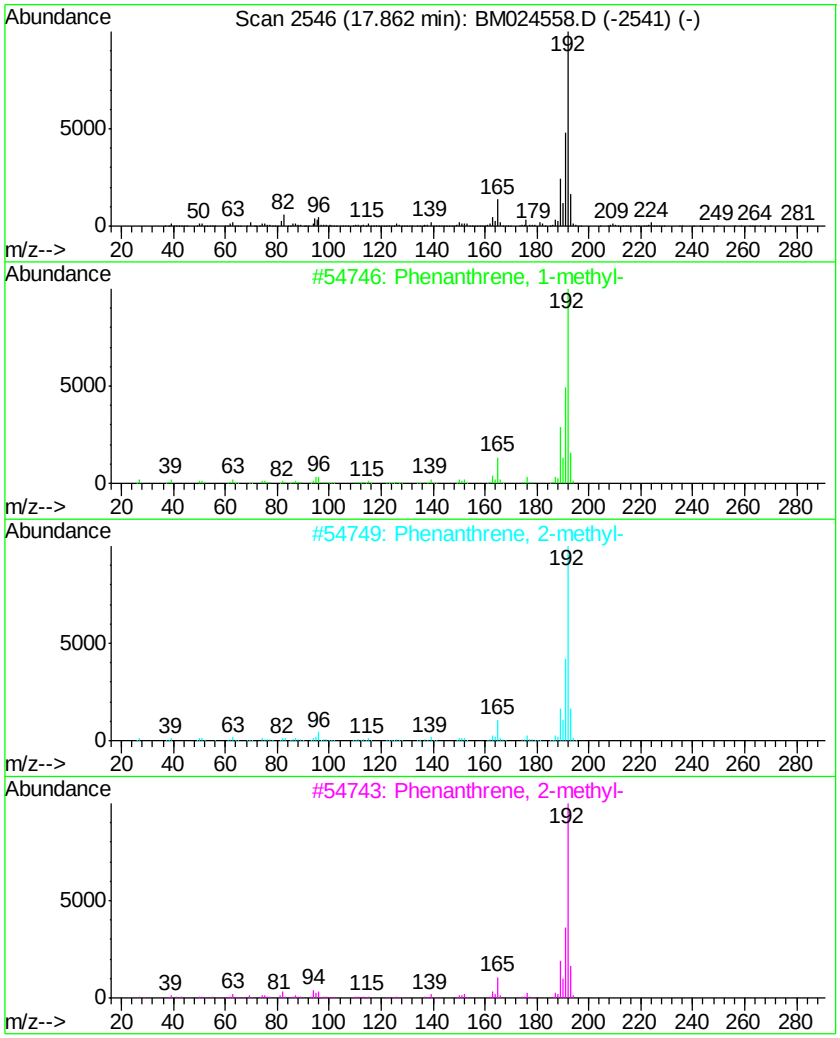
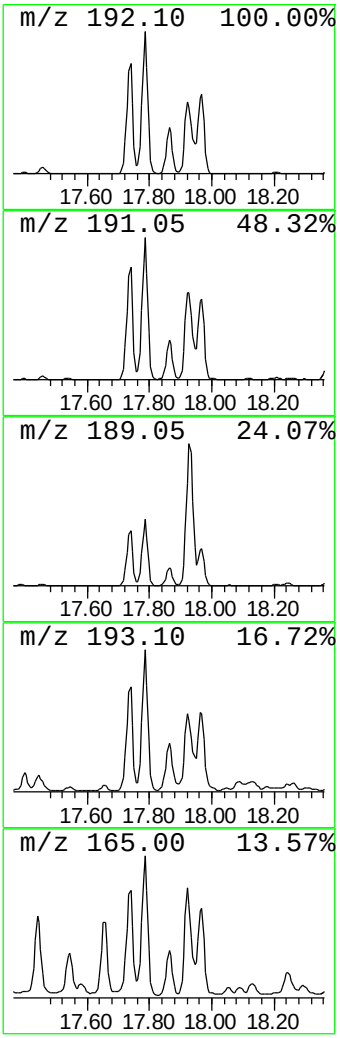
Peak Number 24 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	23.31 ng/ul	4558440	Phenanthrene-d10	16.86

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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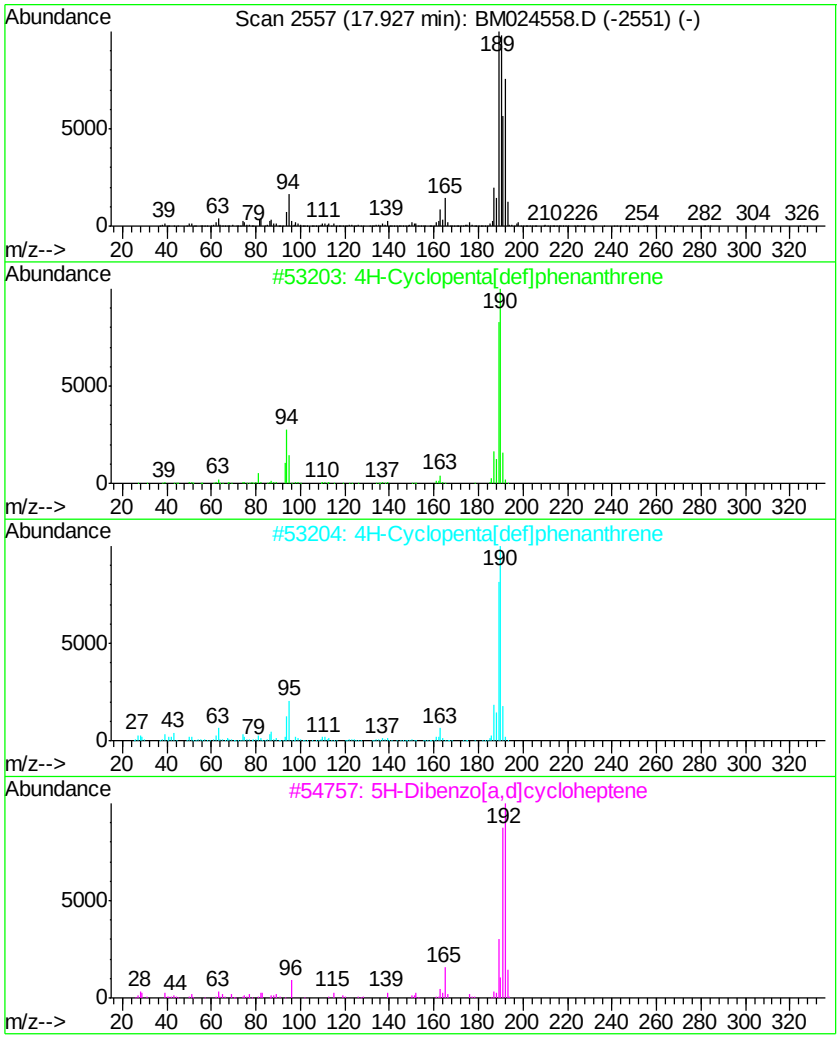
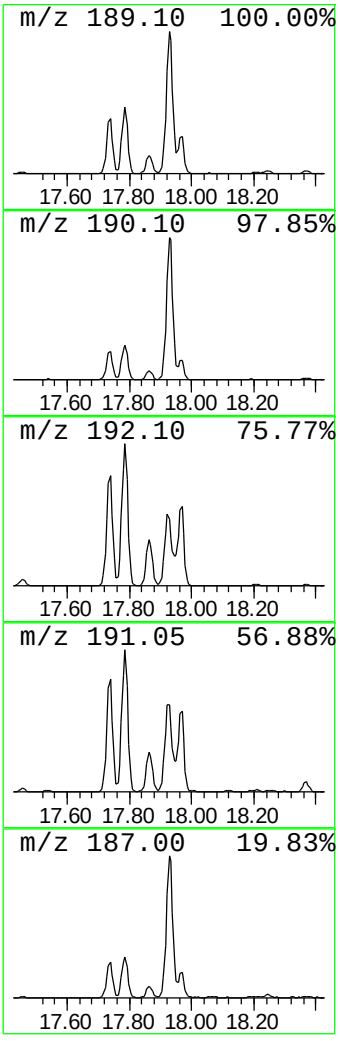
Peak Number 25 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	89.83 ng/ul	17564700	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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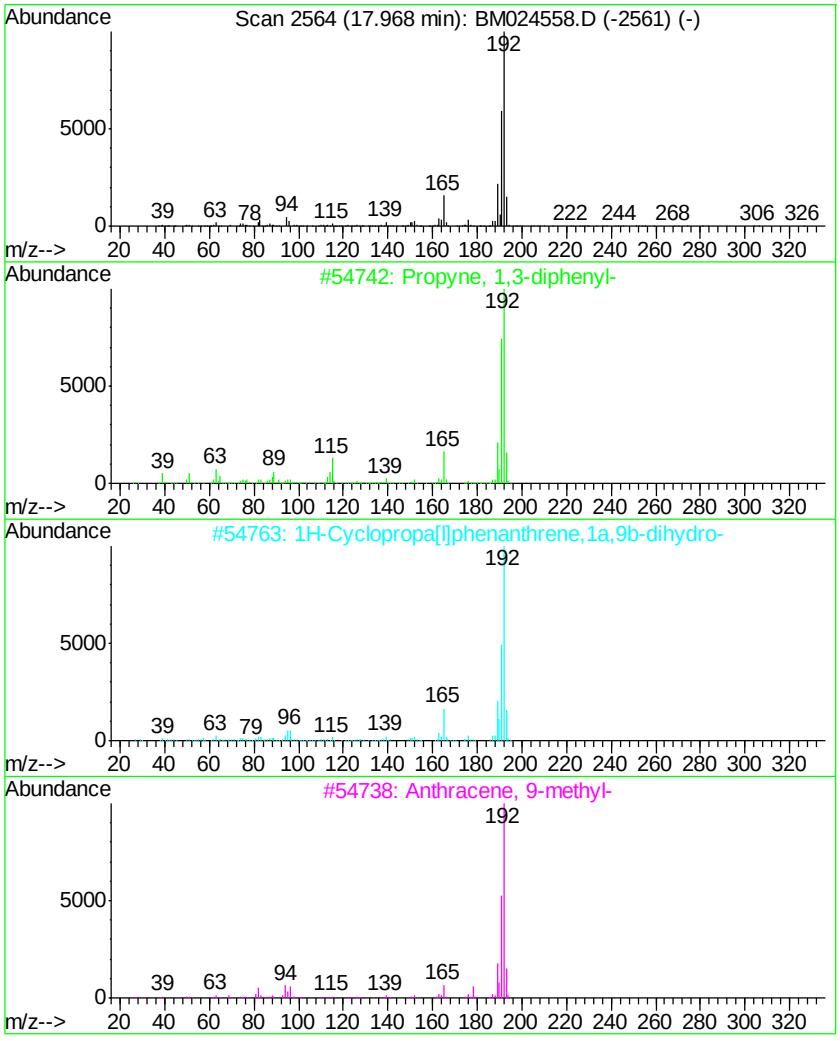
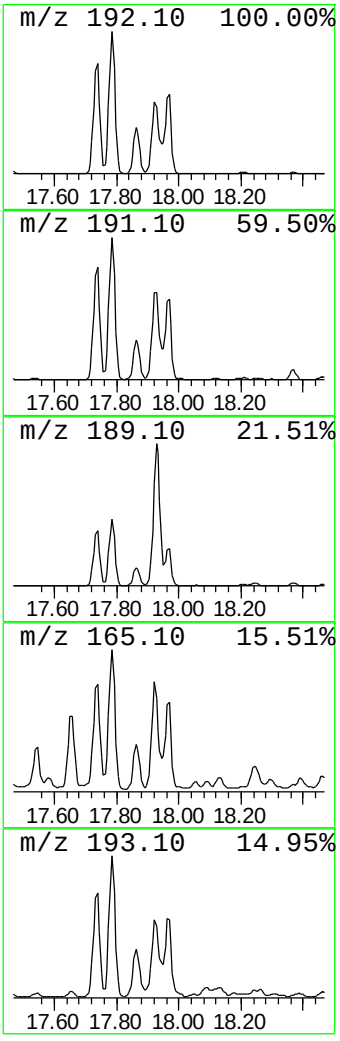
Peak Number 26 Propyne, 1,3-diphenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	37.25 ng/ul	7284100	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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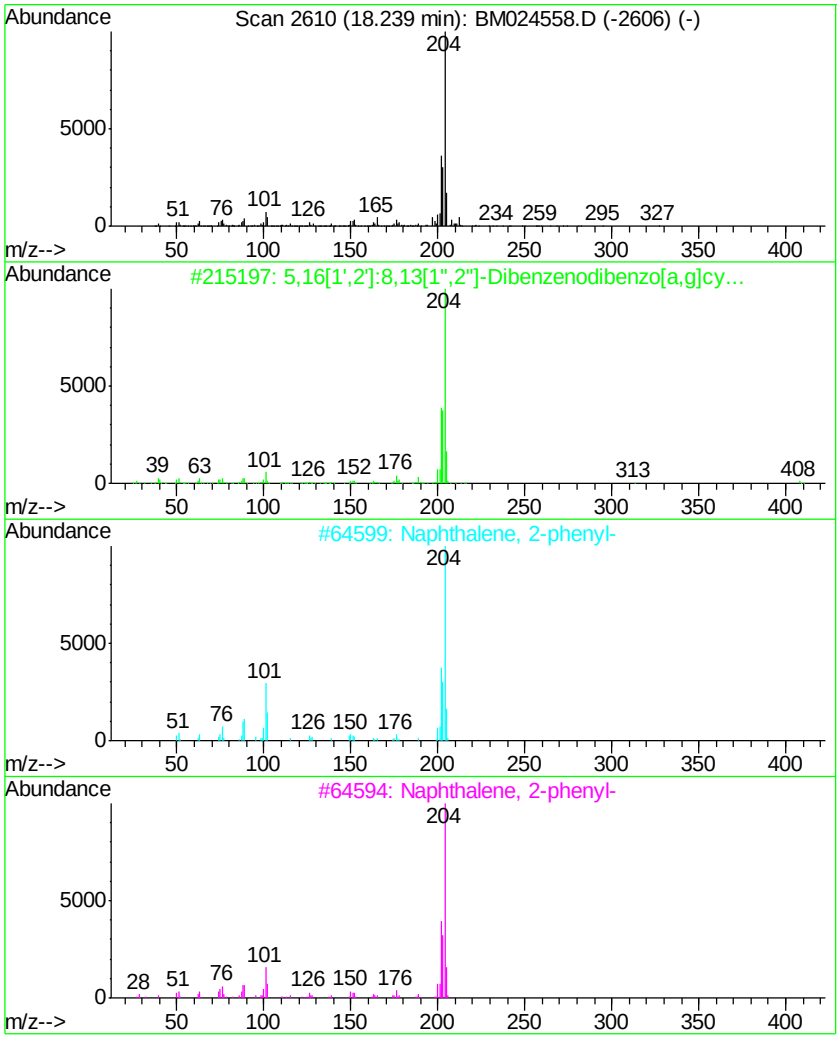
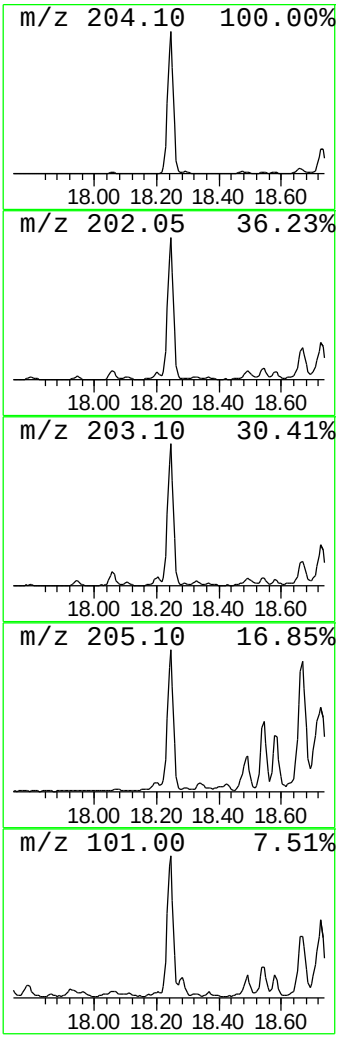
Peak Number 27 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	37.74 ng/ul	7379270	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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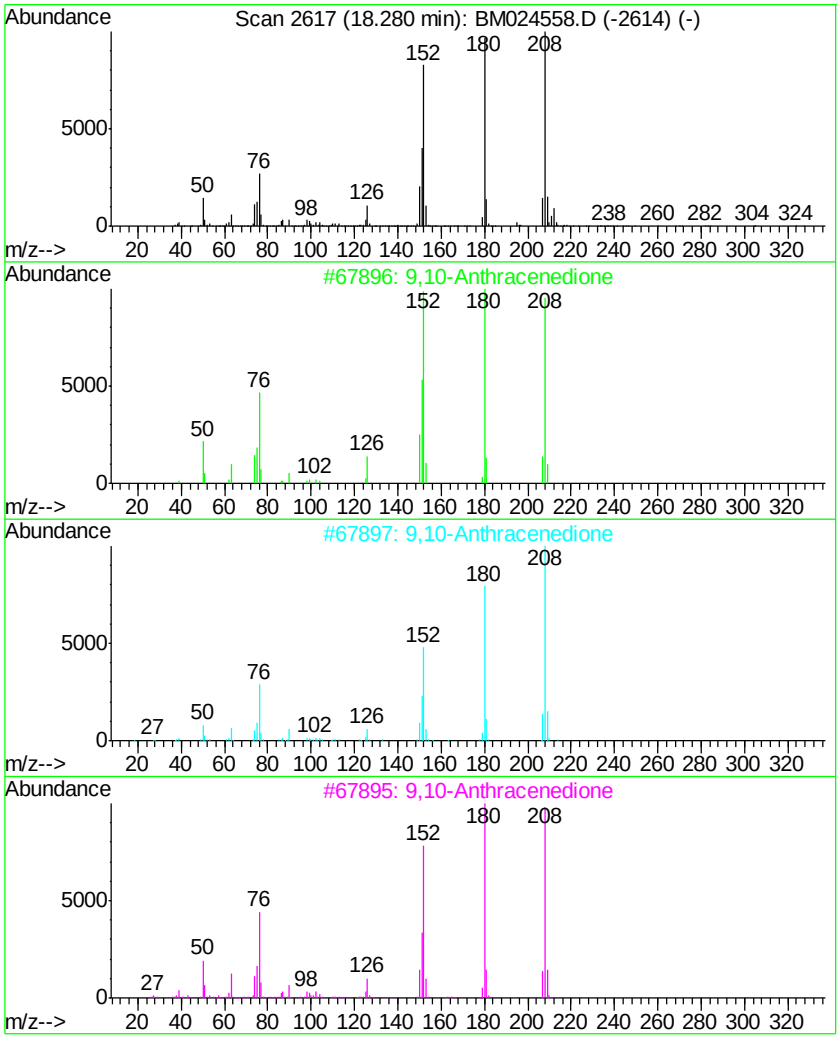
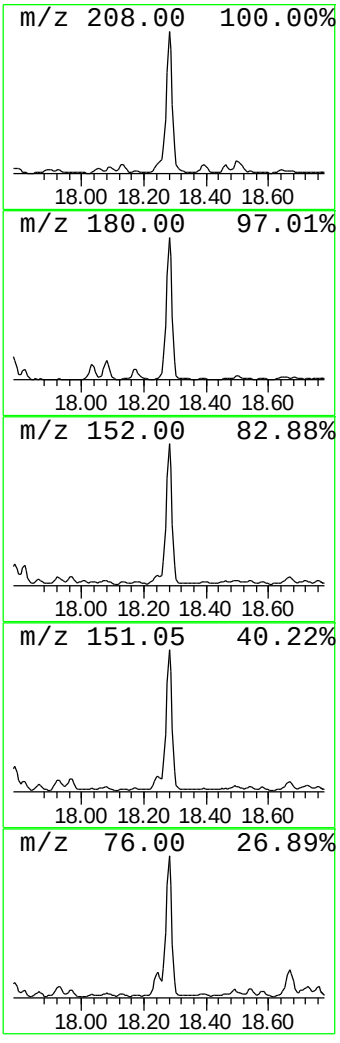
Peak Number 28 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	39.17 ng/ul	7659930	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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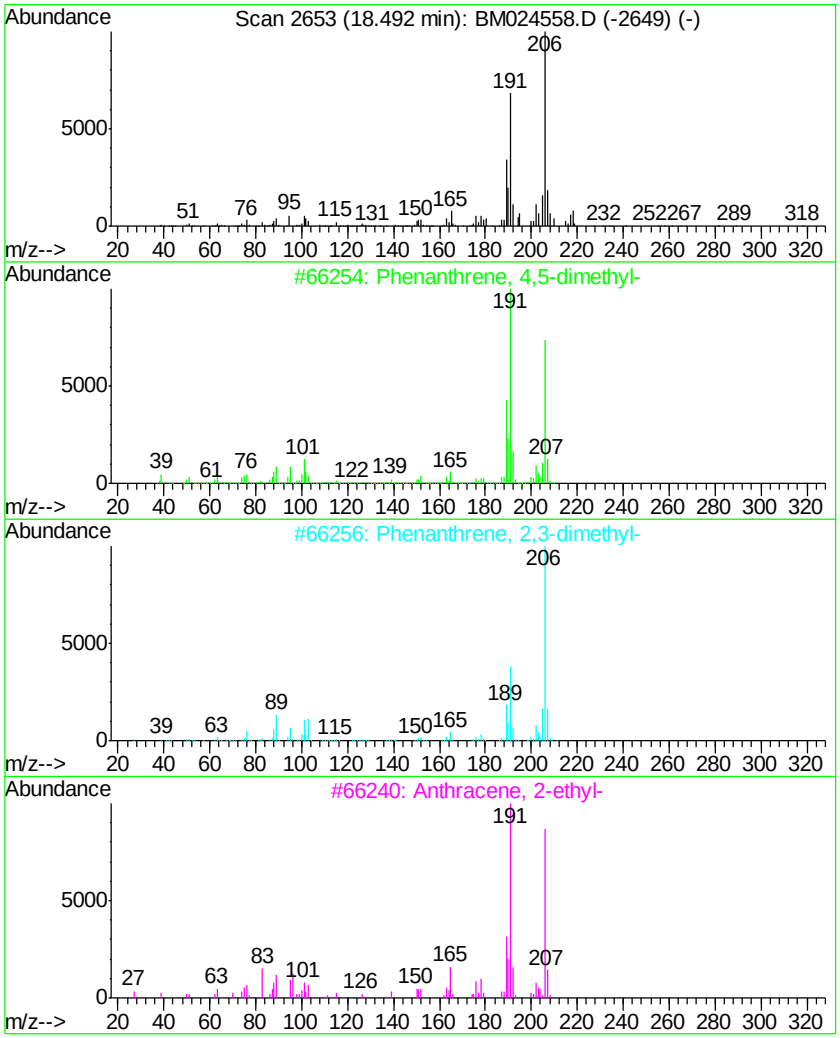
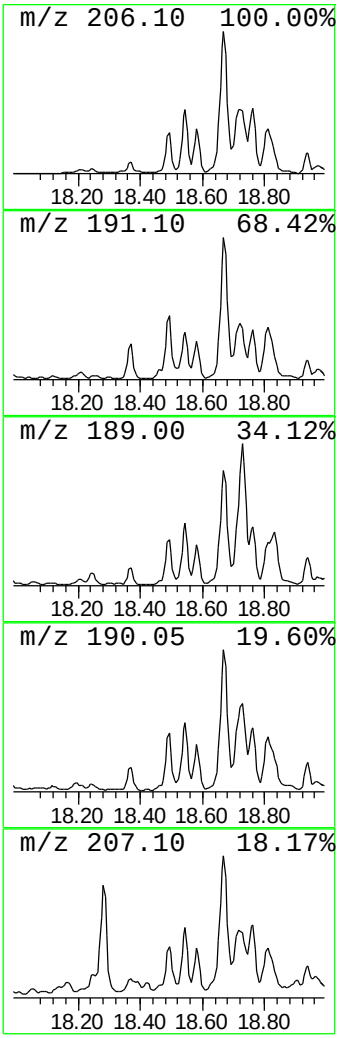
Peak Number 29 Phenanthrene, 4,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	13.74 ng/ul	2685790	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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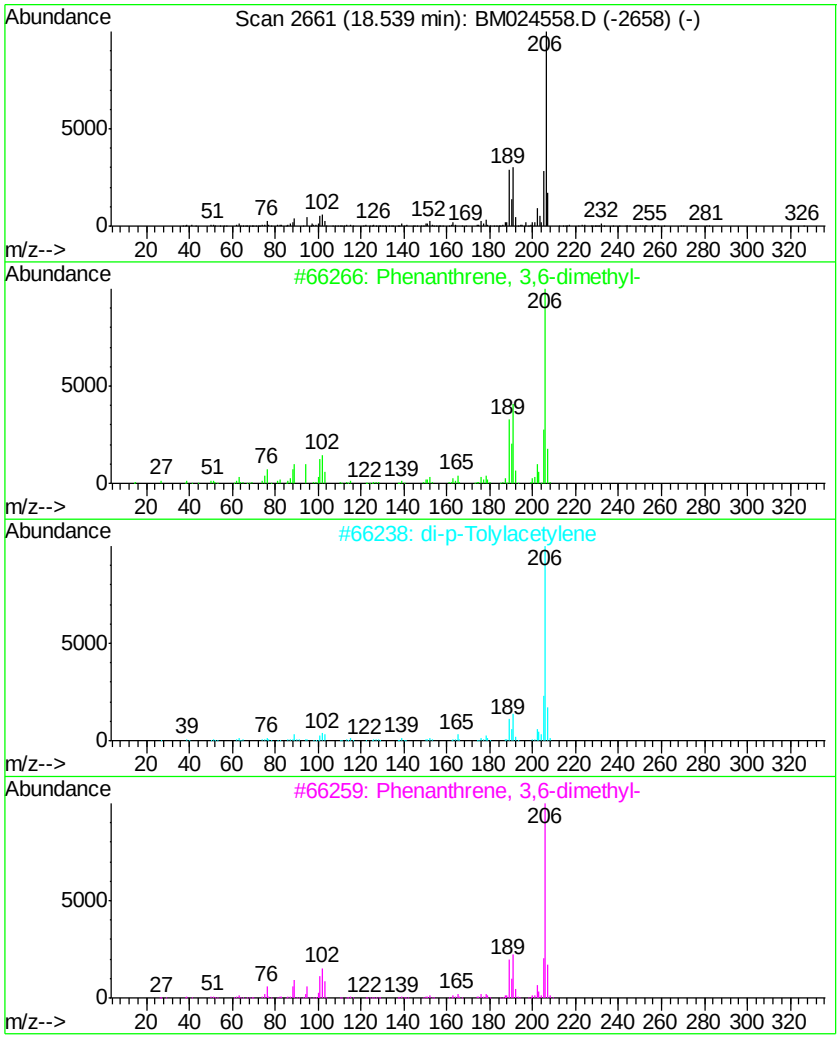
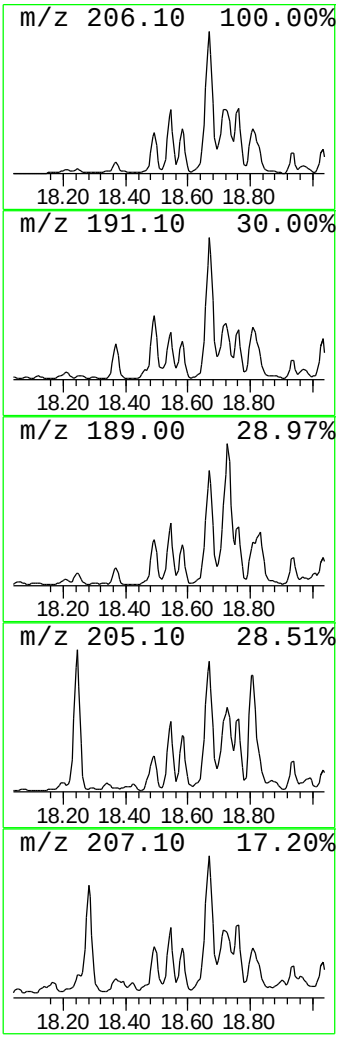
Peak Number 30 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	10.92 ng/ul	2135460	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA 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	18.2	ng/ul	4546300	3	14.10	4994640	20.0
Naphthalene, 2,3-...	13.42	21.8	ng/ul	5431340	3	14.10	4994640	20.0
Naphthalene, 2,6-...	13.47	12.2	ng/ul	3040430	3	14.10	4994640	20.0
Naphthalene, 1,5-...	13.66	10.9	ng/ul	2726230	3	14.10	4994640	20.0
Naphthalene, 2,3,...	14.59	9.6	ng/ul	2386520	3	14.10	4994640	20.0
Naphthalene, 1,6,...	14.73	11.2	ng/ul	2794100	3	14.10	4994640	20.0
Naphthalene, 1,4,...	14.79	8.7	ng/ul	2170370	3	14.10	4994640	20.0
3-(2-Naphthyl)acr...	15.46	16.5	ng/ul	4110790	3	14.10	4994640	20.0
Dibenzofuran, 4-m...	15.61	31.9	ng/ul	6239770	4	16.86	3910710	20.0
Chamazulene	15.84	9.2	ng/ul	1800330	4	16.86	3910710	20.0
9H-Fluorene, 1-me...	16.17	23.8	ng/ul	4648940	4	16.86	3910710	20.0
9H-Fluorene, 2-me...	16.22	9.8	ng/ul	1905860	4	16.86	3910710	20.0
2,2-Dimethyl-1-ac...	16.40	14.3	ng/ul	2800640	4	16.86	3910710	20.0
Benzenamine, 3-[2...	16.44	7.7	ng/ul	1505160	4	16.86	3910710	20.0
9H-Fluoren-9-one	16.52	30.9	ng/ul	6042380	4	16.86	3910710	20.0
Methanone, (2-met...	16.60	12.3	ng/ul	2396030	4	16.86	3910710	20.0
Naphtho[2,1-b]thi...	16.67	25.4	ng/ul	4958030	4	16.86	3910710	20.0
unknown-01	17.06	8.4	ng/ul	1643840	4	16.86	3910710	20.0
Dibenzo[a,e]cyclo...	17.39	8.8	ng/ul	1728790	4	16.86	3910710	20.0
Dibenzothiophene,...	17.44	19.0	ng/ul	3717550	4	16.86	3910710	20.0
Benzene, 1-fluoro...	17.58	7.8	ng/ul	1526890	4	16.86	3910710	20.0
Phenanthrene, 2-m...	17.74	56.4	ng/ul	11017800	4	16.86	3910710	20.0
Phenanthrene, 1-m...	17.79	80.0	ng/ul	15633400	4	16.86	3910710	20.0
1H-Indene, 2-phenyl-	17.86	23.3	ng/ul	4558440	4	16.86	3910710	20.0
unknown-02	17.93	89.8	ng/ul	17564700	4	16.86	3910710	20.0
Propyne, 1,3-diph...	17.97	37.3	ng/ul	7284100	4	16.86	3910710	20.0
5,16[1',2']:8,13[...	18.24	37.7	ng/ul	7379270	4	16.86	3910710	20.0
9,10-Anthracenedione	18.28	39.2	ng/ul	7659930	4	16.86	3910710	20.0
Phenanthrene, 4,5...	18.49	13.7	ng/ul	2685790	4	16.86	3910710	20.0
Phenanthrene, 3,6...	18.54	10.9	ng/ul	2135460	4	16.86	3910710	20.0