LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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-BM061220MA.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	7.375	755	763	779	rBV	396914	650069	7.77%	0.897%
2	7.734	818	824	832	rBV	194504	312471	3.74%	0.431%
3	10.128	1225	1231	1237	rBV	614214	1026002	12.27%	1.416%
4	10.181	1237	1240	1247	rVB	93086	140925	1.69%	0.195%
5	11.804	1508	1516	1526	rBV	1059236	1638604	19.59%	2.262%
6	12.028	1544	1554	1563	rVV	941950	1486972	17.78%	2.053%
7	12.851	1688	1694	1699	rBV	253013	381941	4.57%	0.527%
8	13.045	1721	1727	1740	rVB	264034	484065	5.79%	0.668%
9	13.180	1744	1750	1752	rBV	266981	398278	4.76%	0.550%
10	13.345	1772	1778	1783	rBV	363631	624778	7.47%	0.863%
11	13.398	1783	1787	1793	rVV	233164	322656	3.86%	0.445%
12	13.545	1801	1812	1815	rBV4	77117	146966	1.76%	0.203%
13	13.586	1815	1819	1822	rBV	150799	209187	2.50%	0.289%
14	13.751	1843	1847	1854	rVB2	117588	184710	2.21%	0.255%
15	14.027	1885	1894	1900	rBV4	1548122	3041694	36.37%	4.199%
16	14.098	1900	1906	1911	rVV	5841117	8363331	100.00%	11.546%
17	14.145	1911	1914	1925	rVB	168694	276217	3.30%	0.381%
18	14.251	1926	1932	1941	rBV2	63598	144847	1.73%	0.200%
19	14.345	1943	1948	1955	rBV	203564	275621	3.30%	0.380%
20	14.439	1955	1964	1969	rBV	3446767	4884131	58.40%	6.743%
21	14.522	1974	1978	1982	rVV	69257	101183	1.21%	0.140%
22	14.592	1986	1990	1995	rVB	70785	94520	1.13%	0.130%
23	14.663	1998	2002	2007	rBV2	53485	81912	0.98%	0.113%
24	14.716	2007	2011	2015	rVB2	58651	74024	0.89%	0.102%
25	14.827	2025	2030	2033	rBV3	60340	115068	1.38%	0.159%
26	14.863	2033	2036	2037	rVV2	82211	95812	1.15%	0.132%
27	14.892	2037	2041	2047	rVV	379140	514315	6.15%	0.710%
28	14.986	2051	2057	2060	rVV5	51341	104421	1.25%	0.144%
29	15.045	2061	2067	2071	rVV	2255776	3008992	35.98%	4.154%
30	15.092	2071	2075	2080	rVV	4090761	5340705	63.86%	7.373%
31	15.139	2080	2083	2087	rVV2	66337	99108	1.19%	0.137%
32	15.186	2088	2091	2092	rVV3	65100	75039	0.90%	0.104%
33	15.216	2093	2096	2099	rVV	156524	231937	2.77%	0.320%
34	15.251	2099	2102	2107	rVV	309386	409244	4.89%	0.565%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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-BM061220MA.M
Title : SVOA CALIBRATION

35	15.339	2108	2117	2121	rVV	428242	693605	8.29%	0.958%
36	15.392	2121	2126	2137	rVB	319010	501253	5.99%	0.692%
37	15.533	2146	2150	2159	rVB2	281850	645982	7.72%	0.892%
38	15.627	2159	2166	2169	rBV4	48280	95908	1.15%	0.132%
39	15.680	2169	2175	2183	rVB	180638	281380	3.36%	0.388%
40	15.763	2184	2189	2195	rBV	3164424	4090787	48.91%	5.647%
41	15.821	2195	2199	2203	rVV	426535	605573	7.24%	0.836%
42	15.863	2203	2206	2212	rVB	389165	496599	5.94%	0.686%
43	16.004	2226	2230	2236	rBV	705692	936718	11.20%	1.293%
44	16.104	2244	2247	2250	rVB2	65143	76242	0.91%	0.105%
45	16.145	2251	2254	2260	rVV5	72304	122013	1.46%	0.168%
46	16.198	2260	2263	2267	rVB2	70863	93823	1.12%	0.130%
47	16.368	2288	2292	2301	rVB4	89921	159186	1.90%	0.220%
48	16.445	2302	2305	2310	rBV6	54147	87309	1.04%	0.121%
49	16.521	2311	2318	2324	rVV3	552383	852538	10.19%	1.177%
50	16.604	2328	2332	2335	rVV	213840	294801	3.52%	0.407%
51	16.639	2335	2338	2342	rVB	316587	411646	4.92%	0.568%
52	16.786	2358	2363	2366	rBV	1336363	1864620	22.30%	2.574%
53	16.833	2366	2371	2376	rVB	2830118	3871237	46.29%	5.344%
54	16.921	2381	2386	2393	rVB	680377	948923	11.35%	1.310%
55	17.010	2398	2401	2405	rVB	85783	102861	1.23%	0.142%
56	17.145	2420	2424	2428	rBV	109021	138677	1.66%	0.191%
57	17.204	2431	2434	2438	rVV2	92956	131034	1.57%	0.181%
58	17.245	2438	2441	2446	rVB2	132198	185265	2.22%	0.256%
59	17.363	2458	2461	2465	rBV3	83513	138851	1.66%	0.192%
60	17.404	2465	2468	2473	rVB5	107572	154170	1.84%	0.213%
61	17.668	2509	2513	2517	rVV2	105335	153501	1.84%	0.212%
62	17.710	2517	2520	2528	rVB	103744	148593	1.78%	0.205%
63	17.857	2540	2545	2555	rVB2	248876	435989	5.21%	0.602%
64	17.968	2561	2564	2570	rVB3	54432	79062	0.95%	0.109%
65	18.039	2573	2576	2579	rBV3	53678	72345	0.87%	0.100%
66	18.174	2596	2599	2603	rVB	51973	61350	0.73%	0.085%
67	18.480	2645	2651	2656	rBV4	196635	395632	4.73%	0.546%
68	18.727	2690	2693	2696	rBV2	67057	89504	1.07%	0.124%
69	18.857	2708	2715	2724	rBV	1644064	2082327	24.90%	2.875%
70	19.009	2737	2741	2751	rBV2	117120	243885	2.92%	0.337%
71	19.104	2754	2757	2763	rVV2	36104	61434	0.73%	0.085%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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-BM061220MA.M
Title : SVOA CALIBRATION

72	19.221	2769	2777	2781	rBV	1082564	1543472	18.46%	2.131%
73	19.415	2806	2810	2815	rBV3	80481	149340	1.79%	0.206%
74	19.545	2828	2832	2834	rBV	138338	178952	2.14%	0.247%
75	19.574	2834	2837	2842	rVV	234918	311302	3.72%	0.430%
76	19.633	2845	2847	2853	rVV3	71602	98497	1.18%	0.136%
77	19.686	2853	2856	2860	rVV3	83949	138000	1.65%	0.191%
78	19.727	2860	2863	2869	rVB	173493	237657	2.84%	0.328%
79	19.833	2876	2881	2882	rBV2	184884	234591	2.80%	0.324%
80	19.851	2882	2884	2888	rVB	222677	261378	3.13%	0.361%
81	19.974	2901	2905	2909	rBV	248406	300477	3.59%	0.415%
82	20.068	2916	2921	2932	rVB	303885	495105	5.92%	0.683%
83	20.256	2950	2953	2959	rVB	291693	347334	4.15%	0.479%
84	20.380	2970	2974	2980	rVB	290974	374604	4.48%	0.517%
85	20.498	2992	2994	2999	rVB4	43052	66975	0.80%	0.092%
86	20.645	3016	3019	3023	rVB	77383	90314	1.08%	0.125%
87	20.721	3028	3032	3037	rBV2	142442	186123	2.23%	0.257%
88	20.856	3052	3055	3058	rBV2	99242	129204	1.54%	0.178%
89	20.998	3073	3079	3083	rBV2	2213701	3478683	41.59%	4.802%
90	21.033	3083	3085	3089	rVV	502816	638058	7.63%	0.881%
91	21.068	3089	3091	3095	rVB2	185995	194852	2.33%	0.269%
92	21.315	3127	3133	3137	rBV2	747912	1019782	12.19%	1.408%
93	21.415	3146	3150	3159	rVB	264253	342274	4.09%	0.473%
94	21.662	3188	3192	3197	rBV2	329609	440638	5.27%	0.608%
95	21.750	3204	3207	3212	rBV3	90387	138703	1.66%	0.191%
96	21.856	3222	3225	3229	rVB2	201932	247363	2.96%	0.341%
97	22.474	3325	3330	3334	rBV	450575	856141	10.24%	1.182%
98	22.909	3400	3404	3409	rVB	224004	336515	4.02%	0.465%
99	22.997	3414	3419	3426	rBV	357586	676315	8.09%	0.934%
100	23.086	3428	3434	3439	rVB	1079234	1780786	21.29%	2.458%

Sum of corrected areas: 72437803

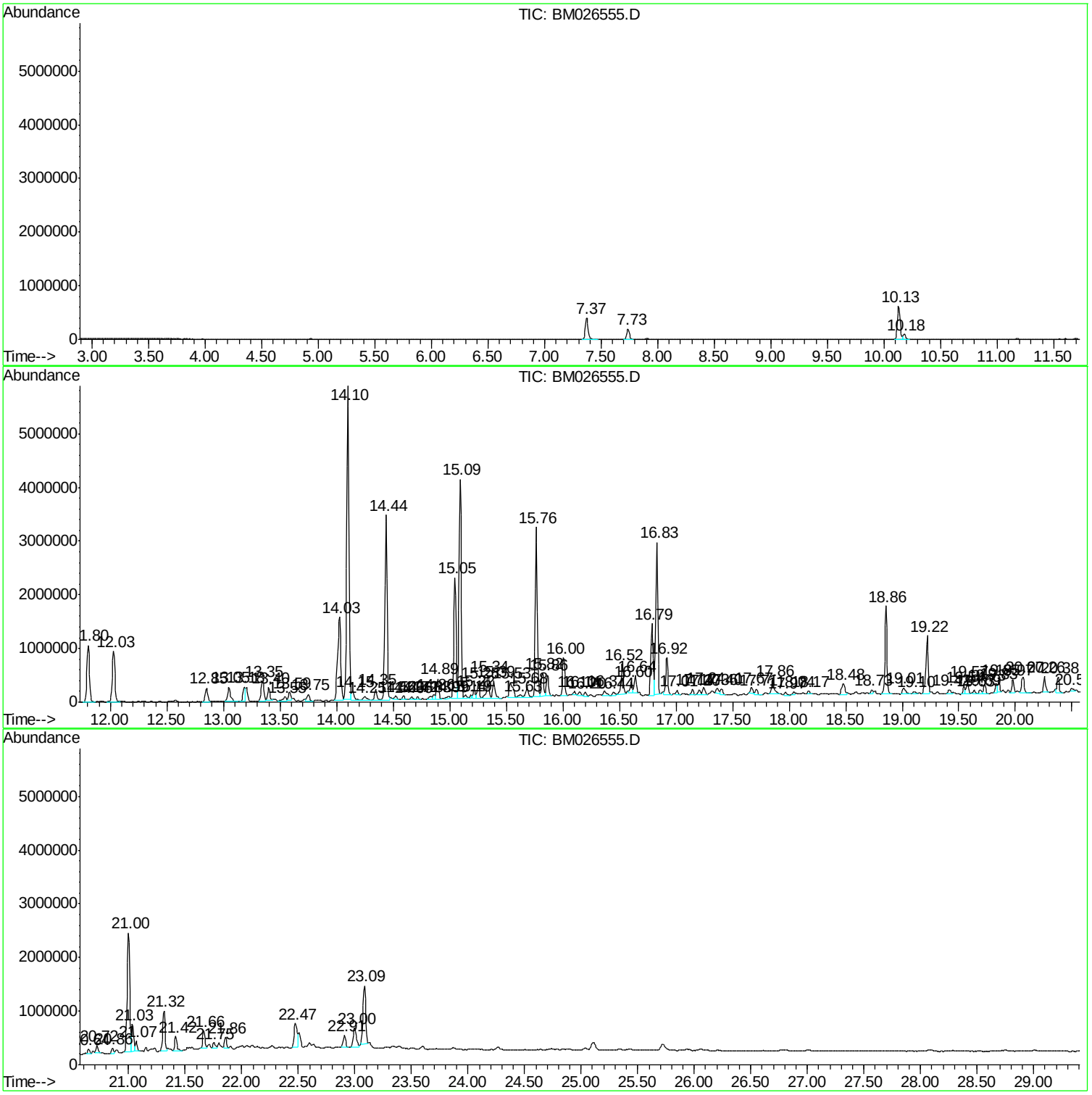
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

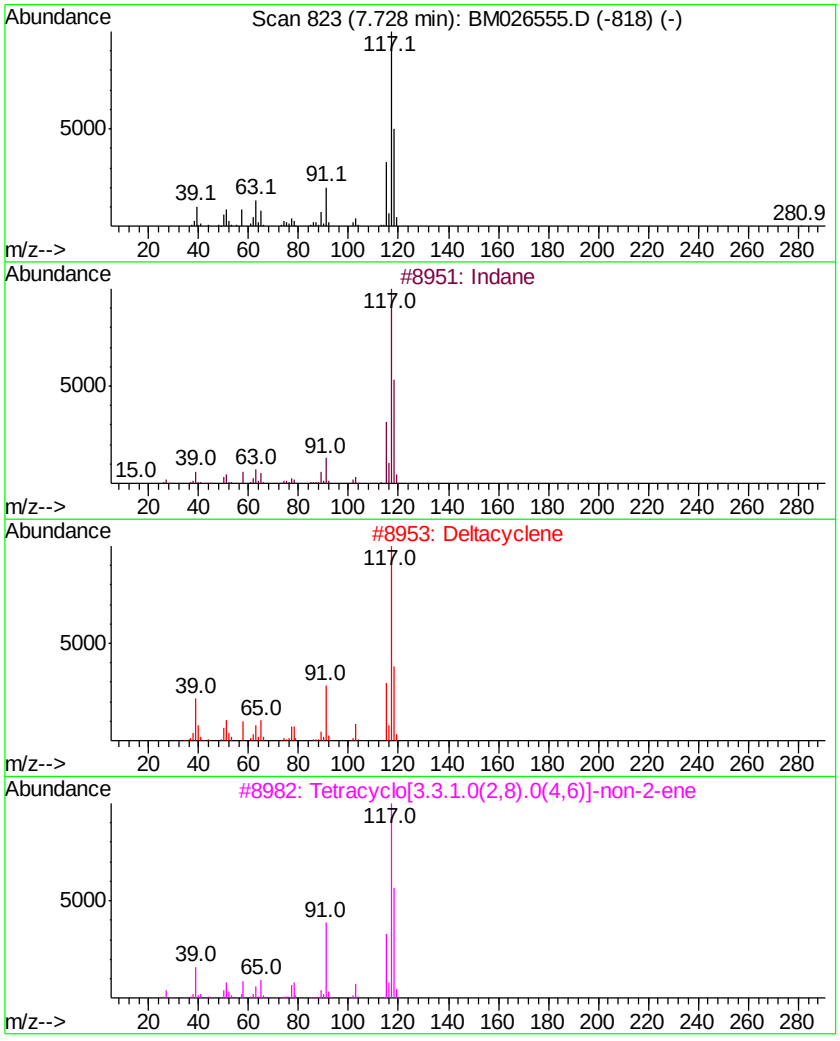
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

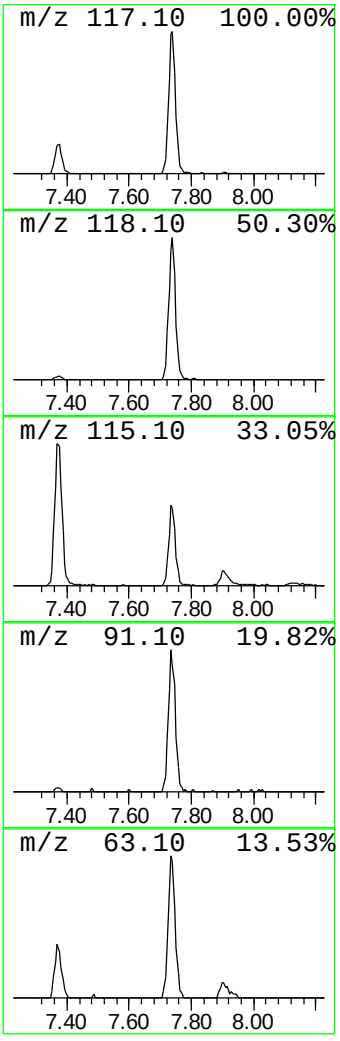
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	9.61 ng/ul	312471	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Deltacyclene	118	C9H10	007785-10-6	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Indane	118	C9H10	000496-11-7	64
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

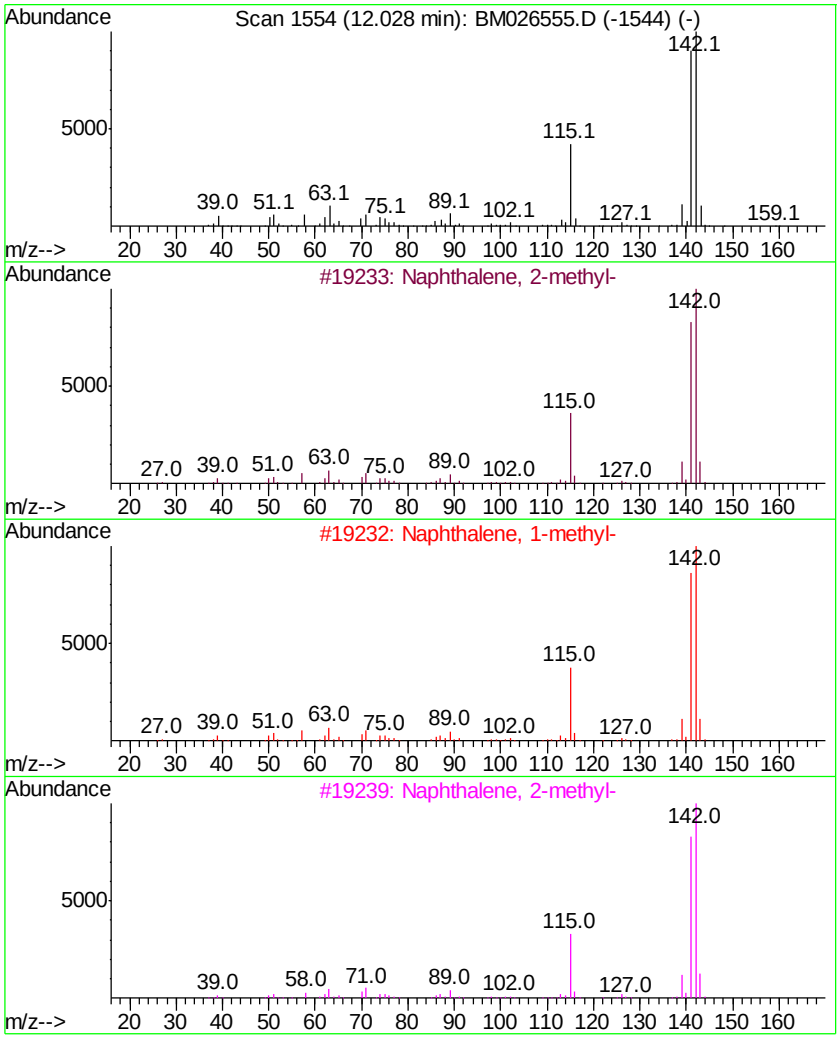
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

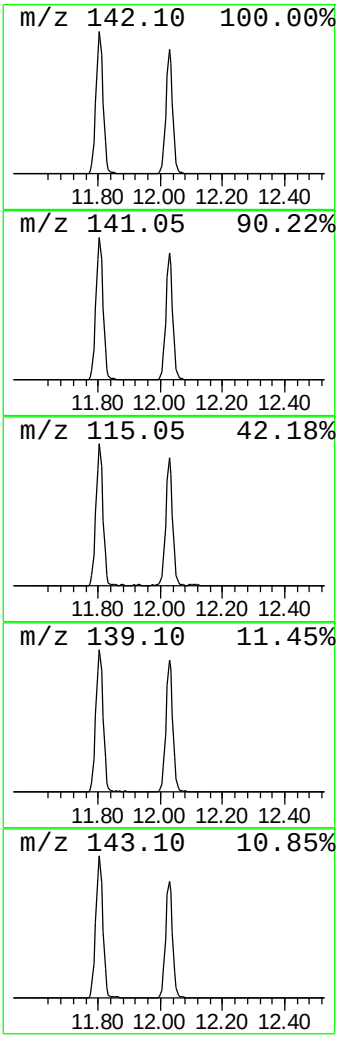
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	28.99 ng/ul	1486970	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

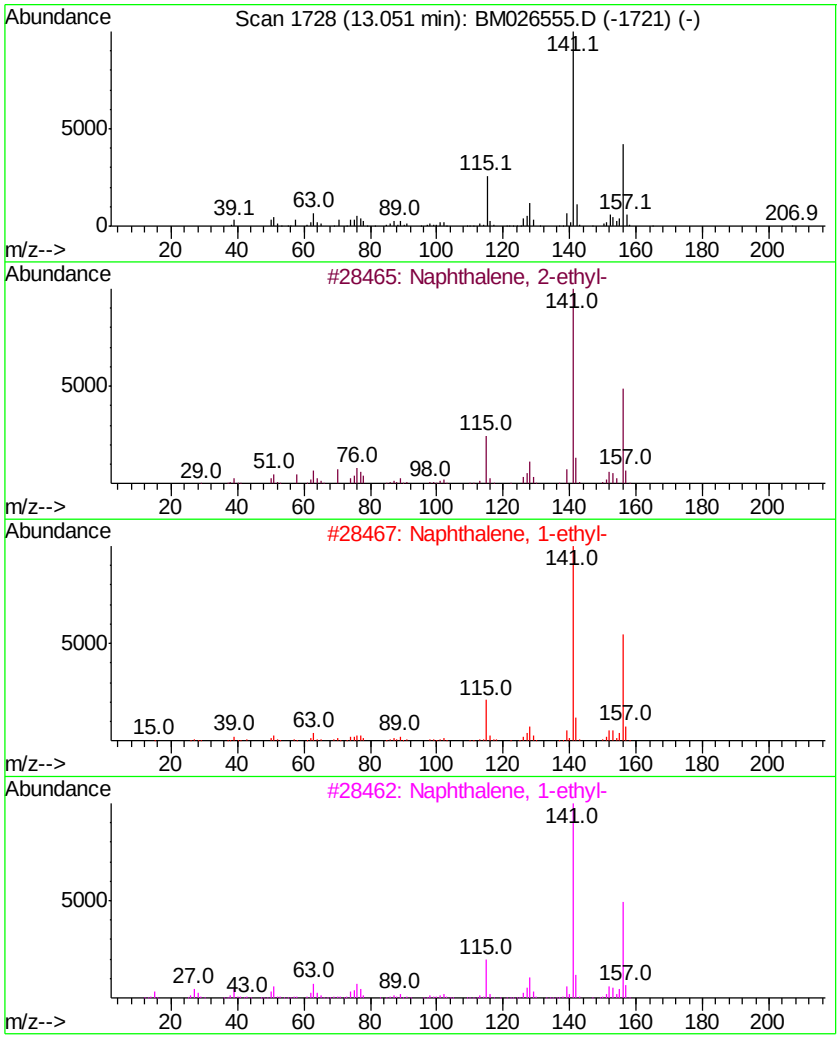
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

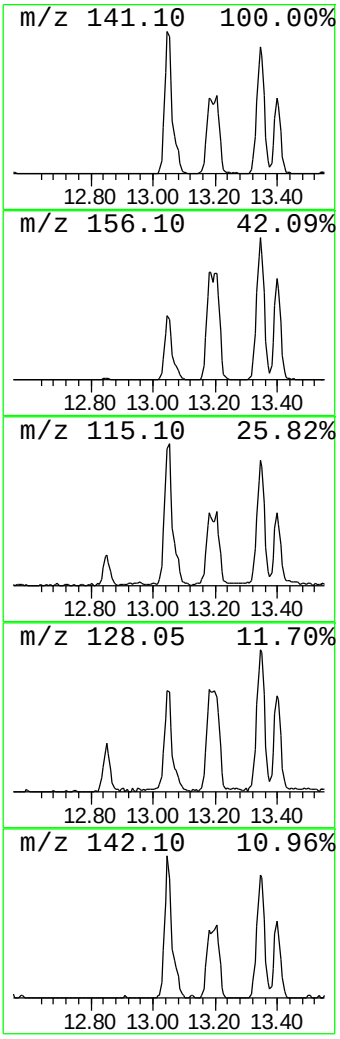
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.18 ng/ul	484065	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

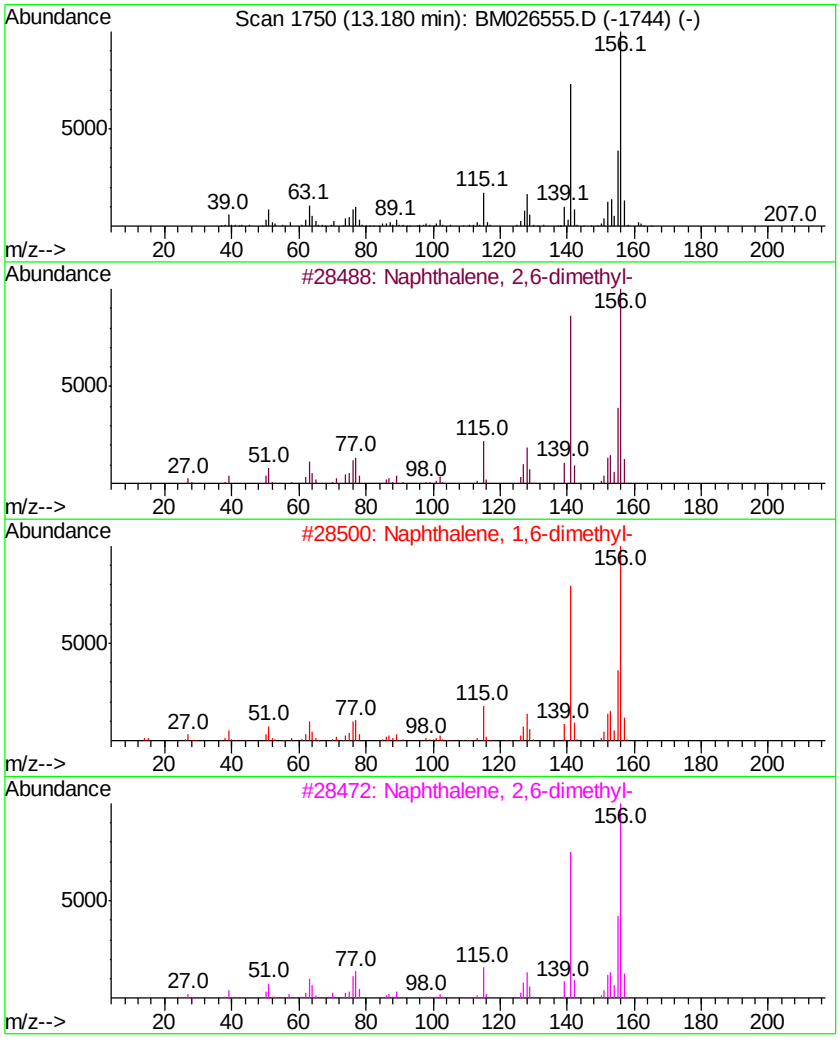
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

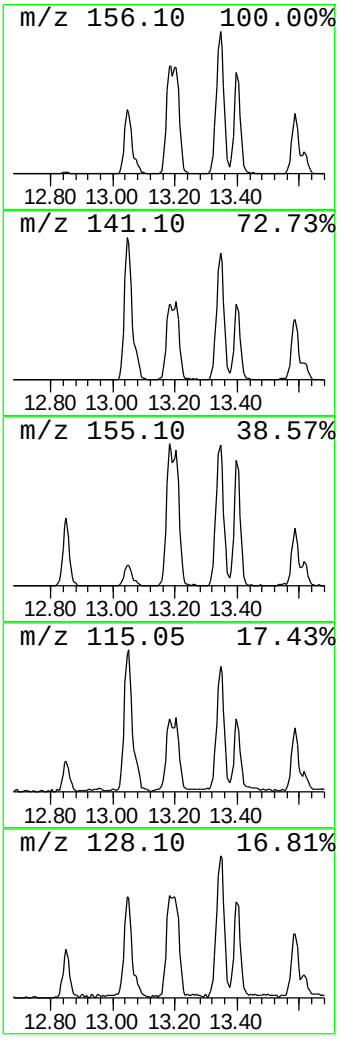
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.62 ng/ul	398278	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

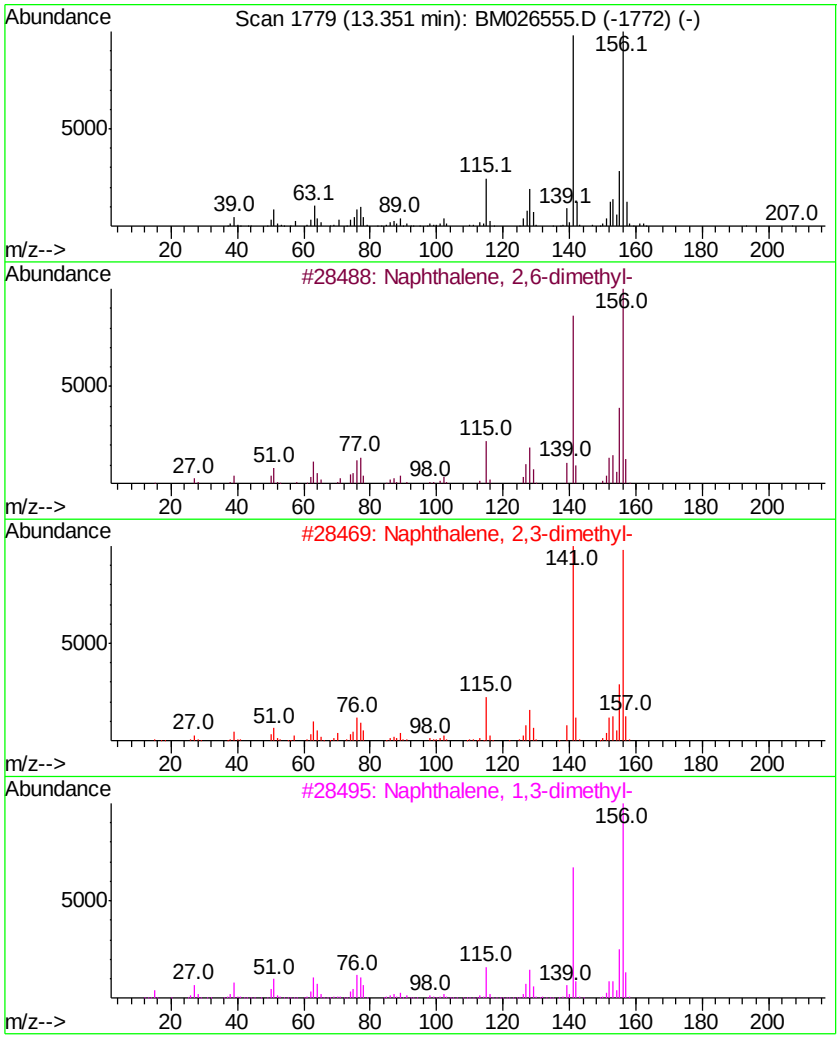
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

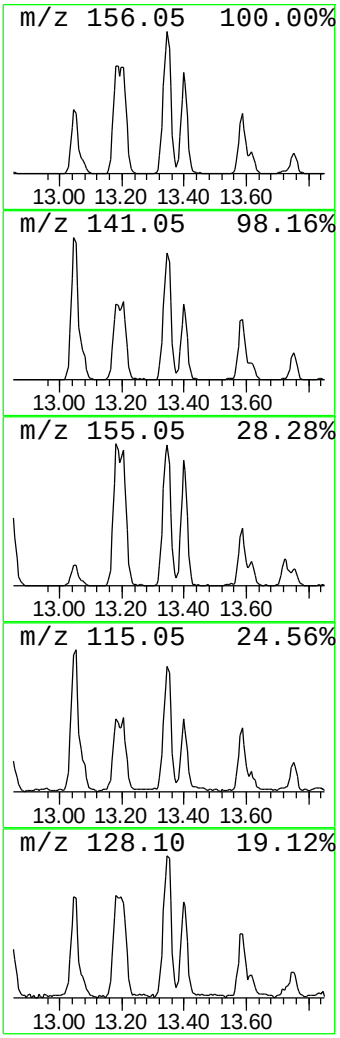
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	4.11 ng/ul	624778	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Library Search Compound Report

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Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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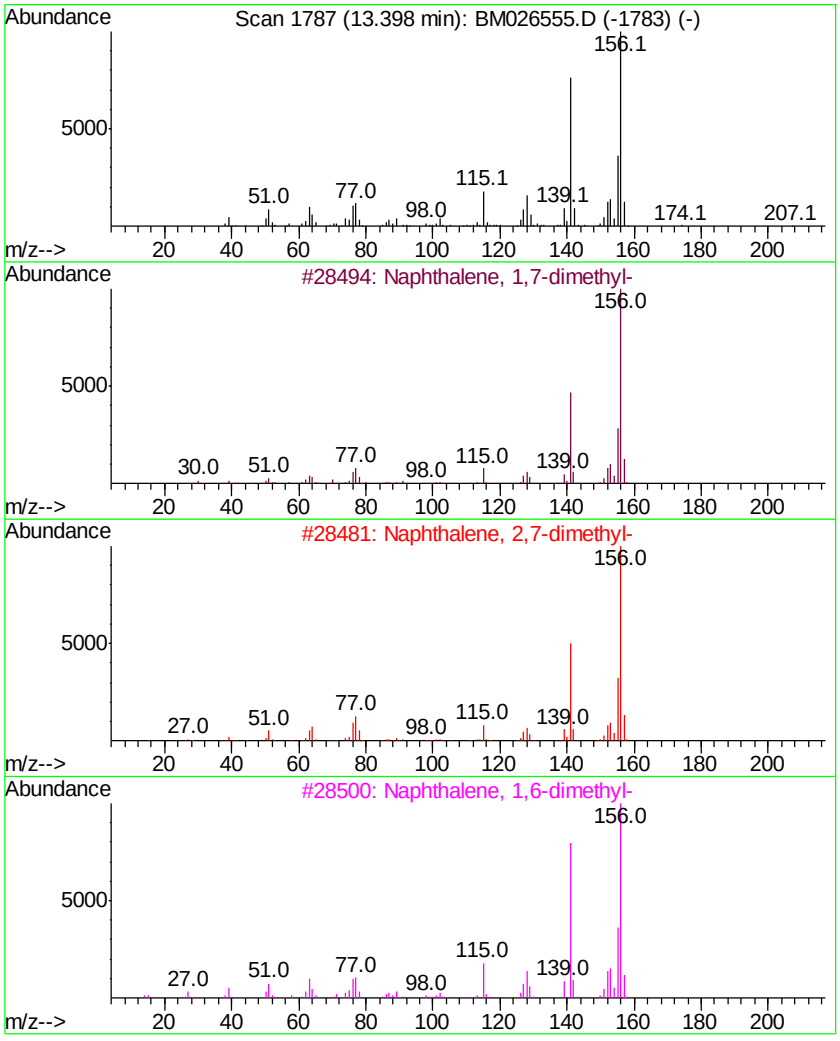
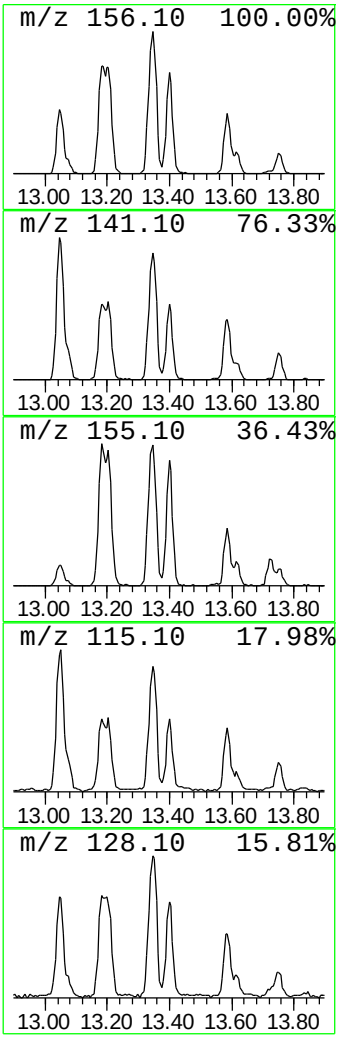
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.12 ng/ul	322656	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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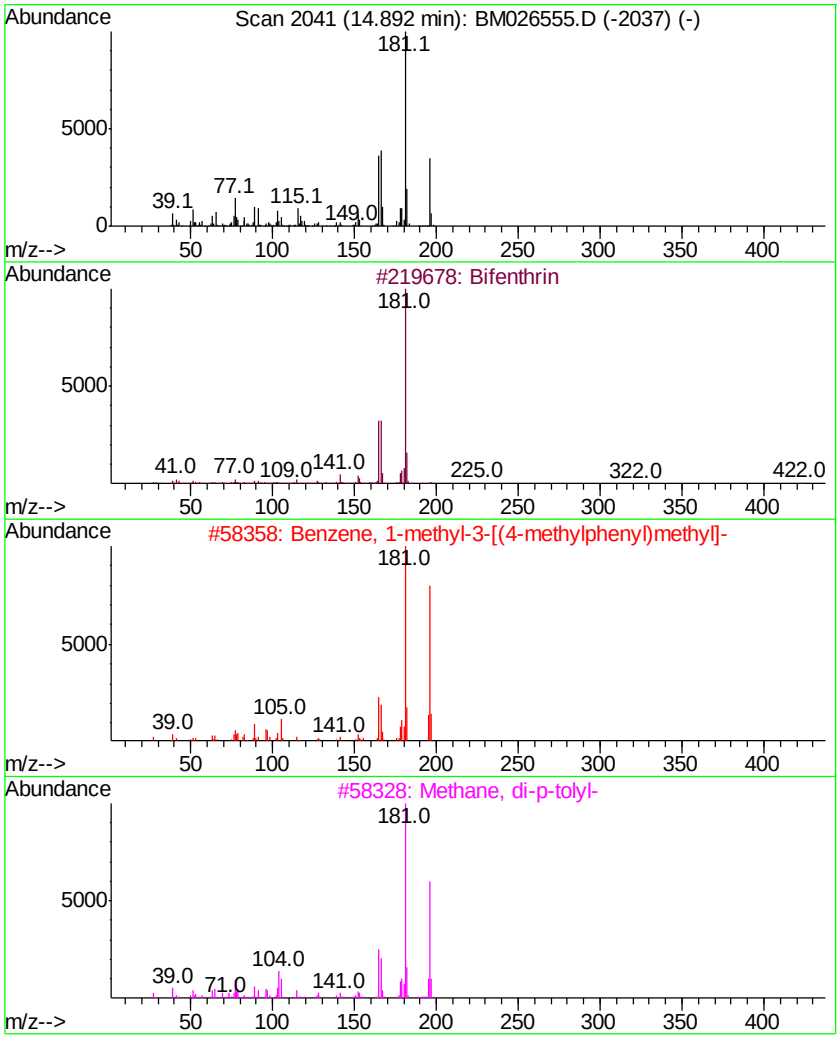
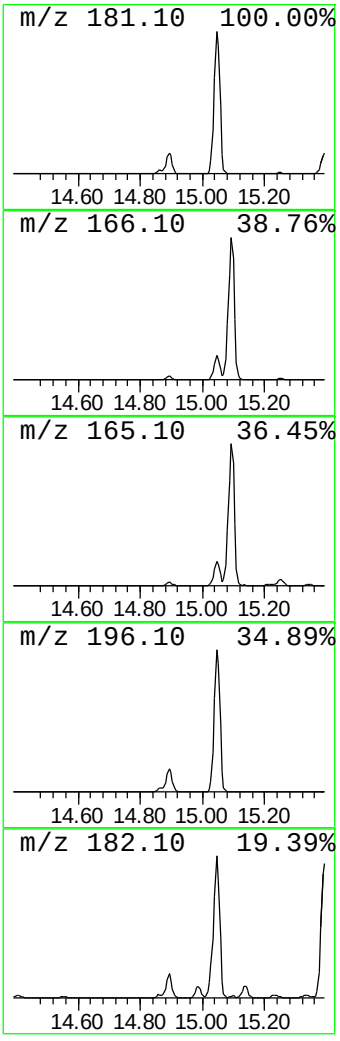
Peak Number 7 Bifenthrin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.38 ng/ul	514315	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bifenthrin	422	C23H22ClF3O2	082657-04-3	87
2	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	83
3	Methane, di-p-tolyl-	196	C15H16	004957-14-6	83
4	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	83
5	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	83





Library Search Compound Report

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Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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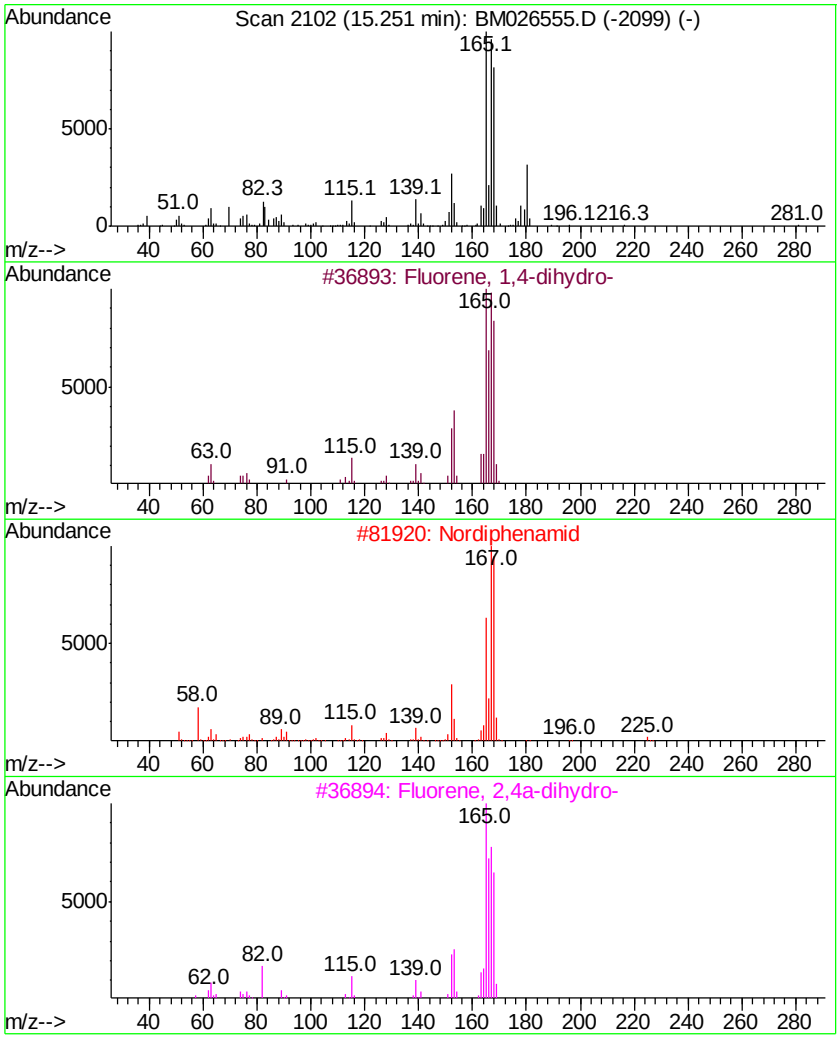
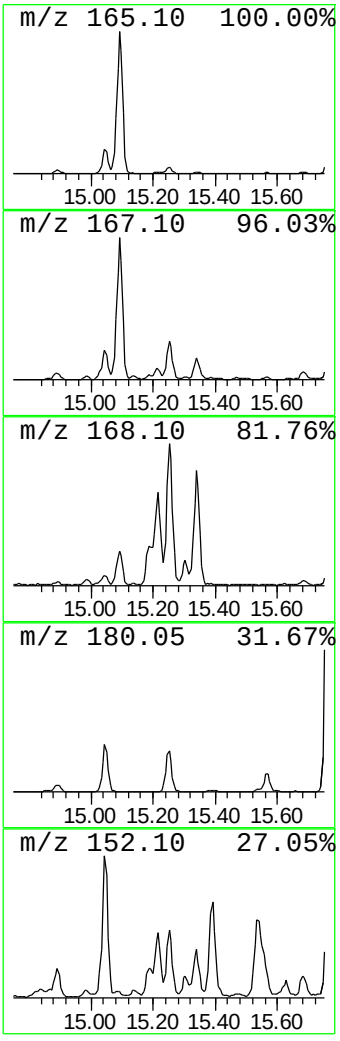
Peak Number 8 Fluorene, 1,4-dihydro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.69 ng/ul	409244	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70
2	Nordiphenamid	225	C15H15NO	000954-21-2	64
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
4	Diphenylmethane	168	C13H12	000101-81-5	49
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	49





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Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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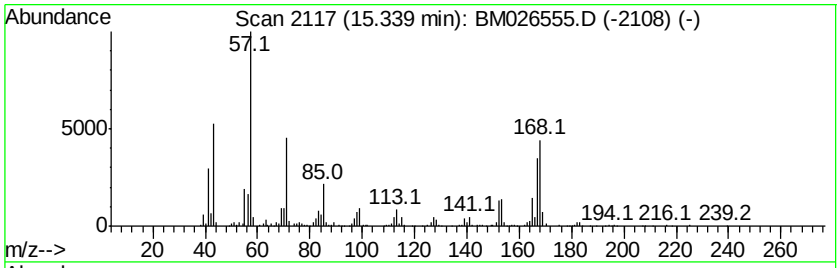
Quant Title : SVOA CALIBRATION

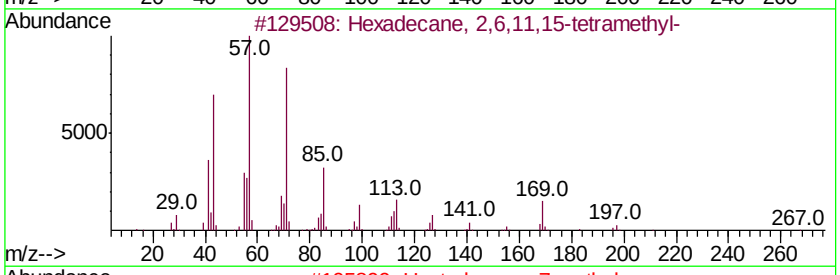
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

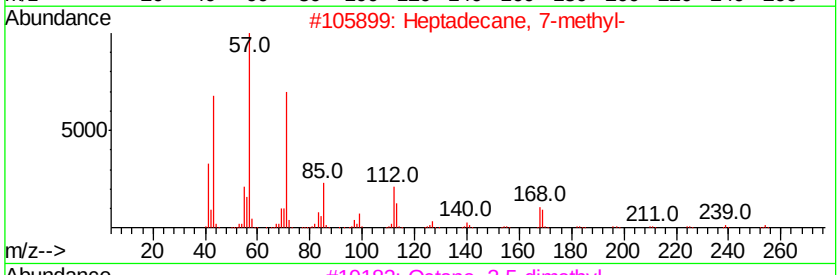
****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

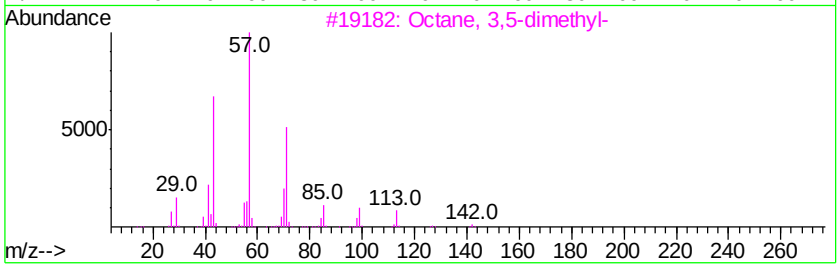
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	4.56 ng/ul	693605	Acenaphthene-d10	14.03

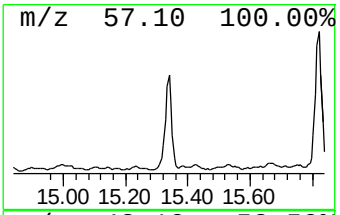
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	41
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	38
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
4	Heptacosane	380	C27H56	000593-49-7	38
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38

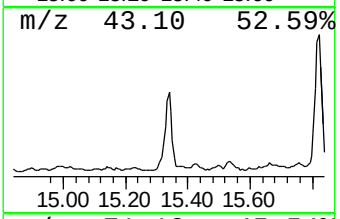


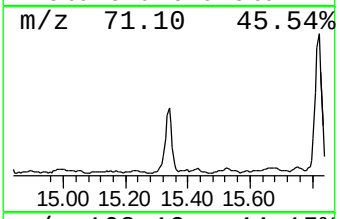


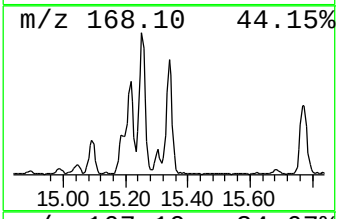


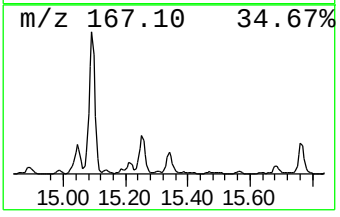












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Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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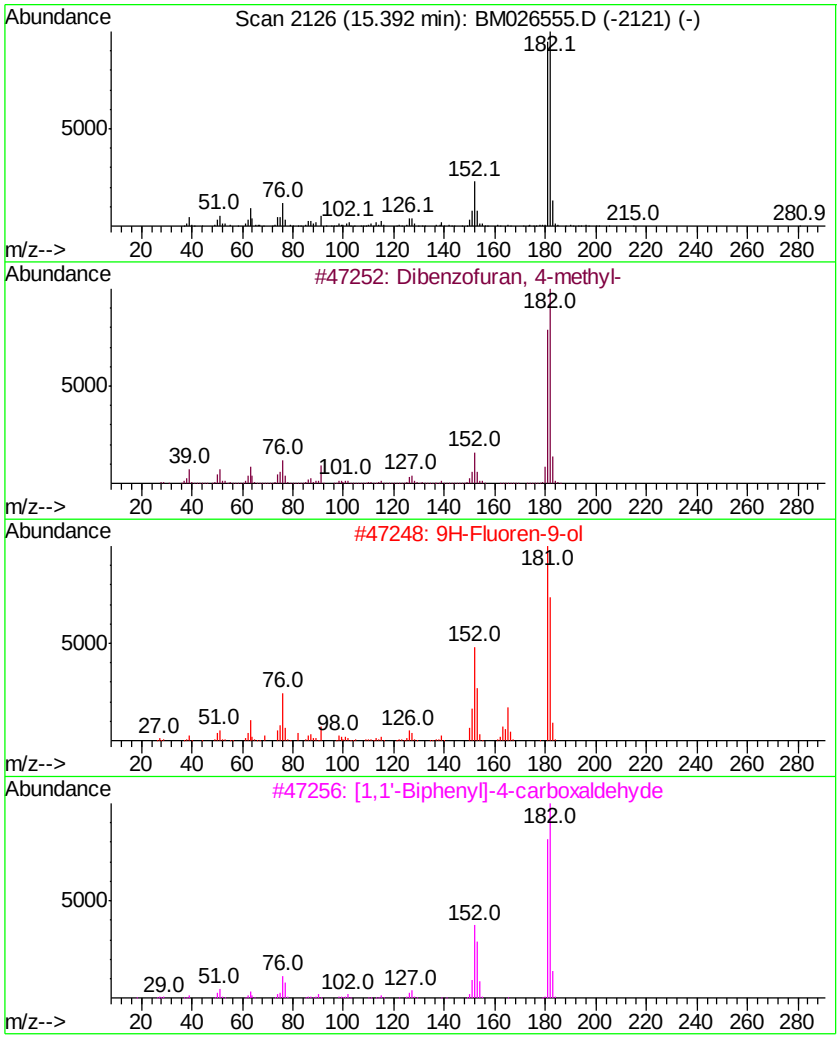
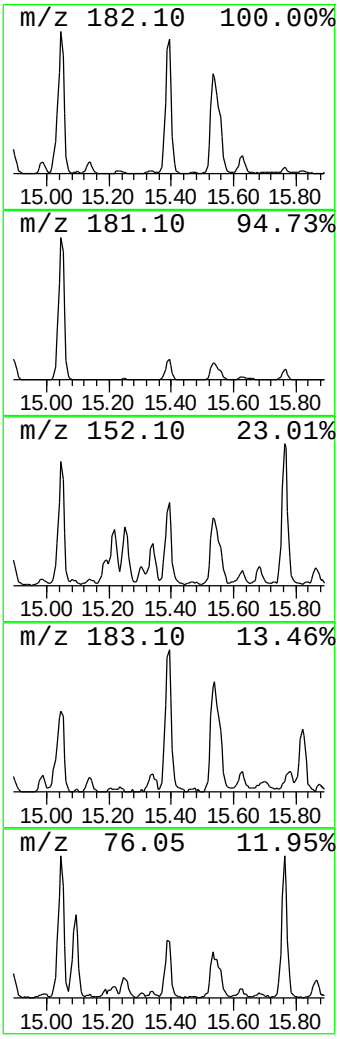
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	3.30 ng/ul	501253	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

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Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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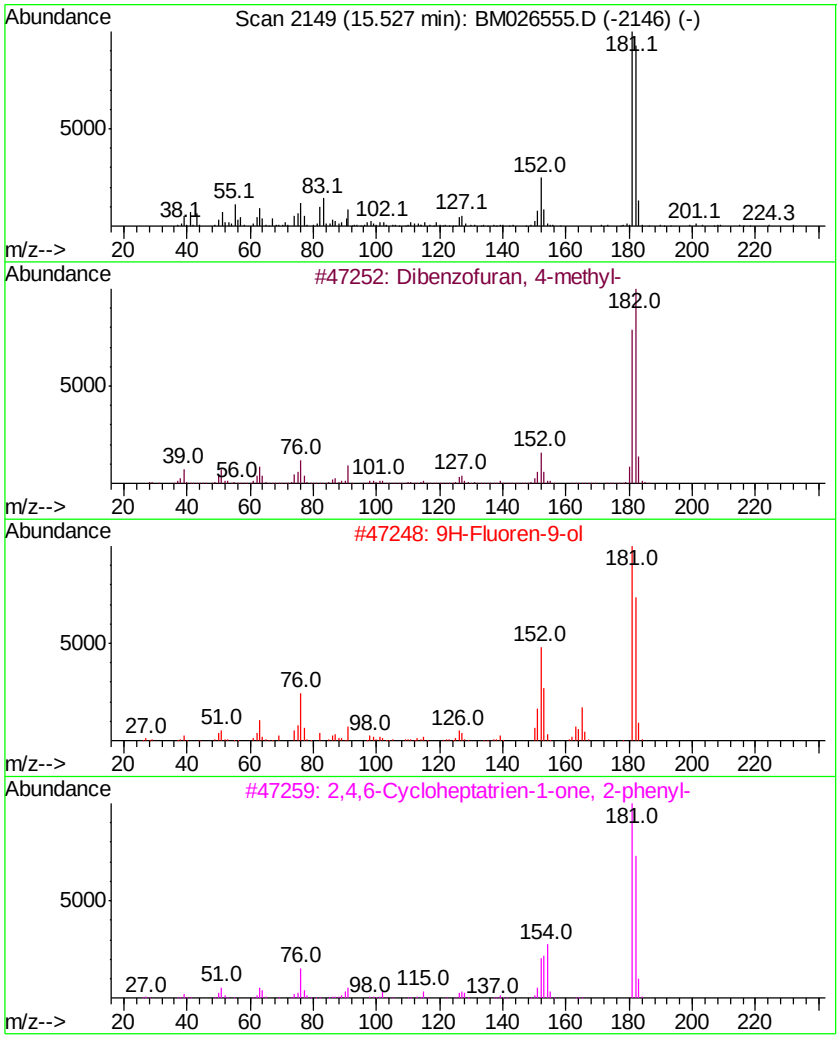
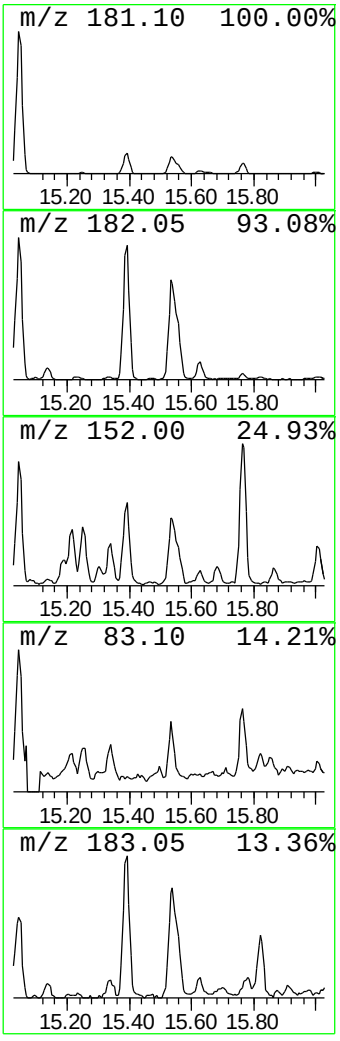
Peak Number 11 9H-Fluoren-9-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	6.93 ng/ul	645982	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





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Sample : L3064-07DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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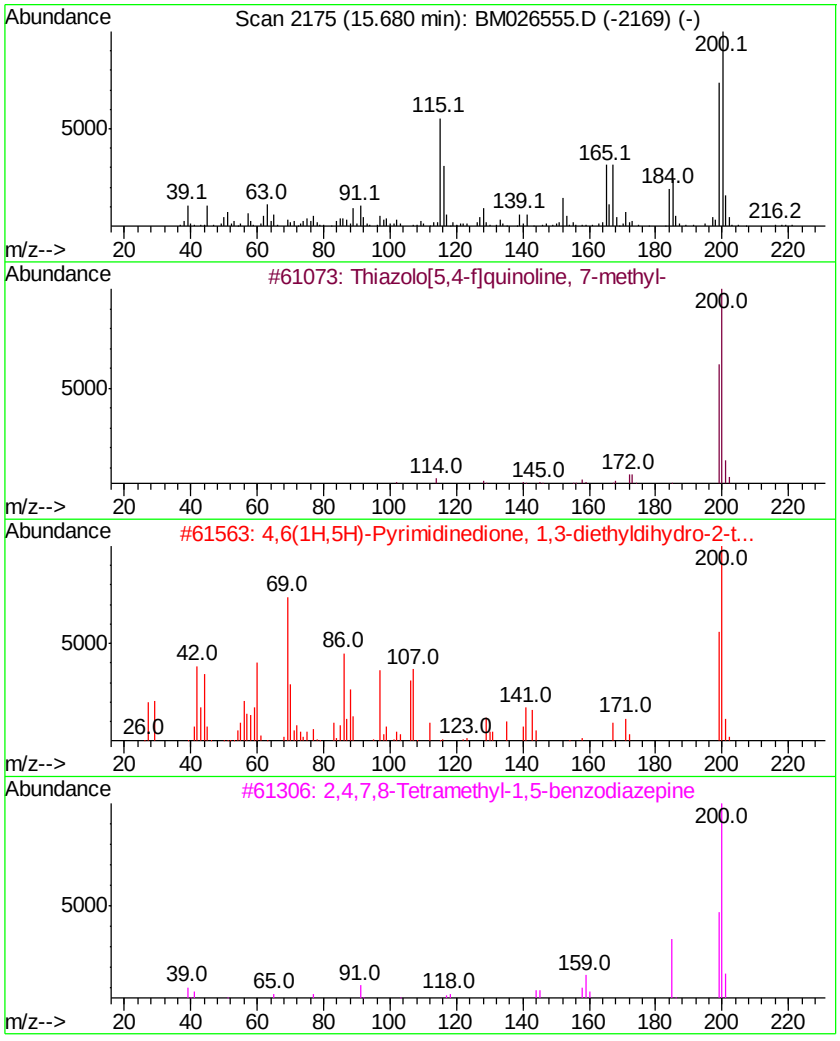
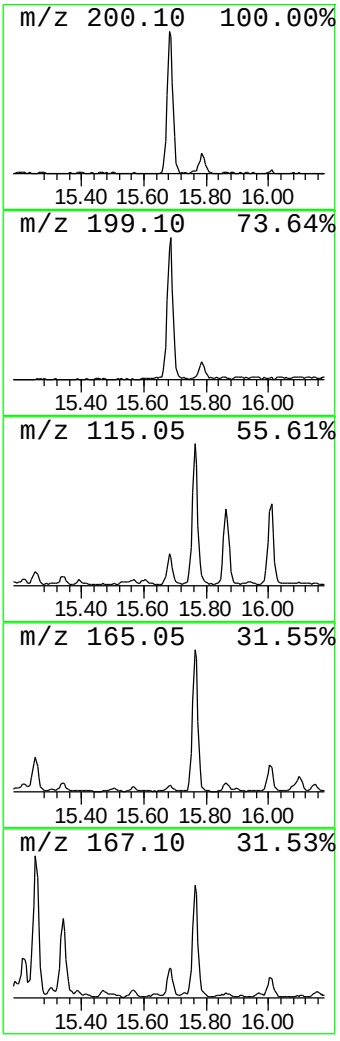
Peak Number 12 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.02 ng/ul	281380	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazolo[5,4-f]quinoline, 7-methyl-	200	C11H8N2S	003119-56-0	43
2	4,6(1H,5H)-Pyrimidinedione, 1,3-...	200	C8H12N2O2S	005217-47-0	43
3	2,4,7,8-Tetramethyl-1,5-benzodia...	200	C13H16N2	048148-85-2	42
4	Cycloheptanone, 2-(phenylmethyle...	200	C14H16O	042063-01-4	38
5	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	25





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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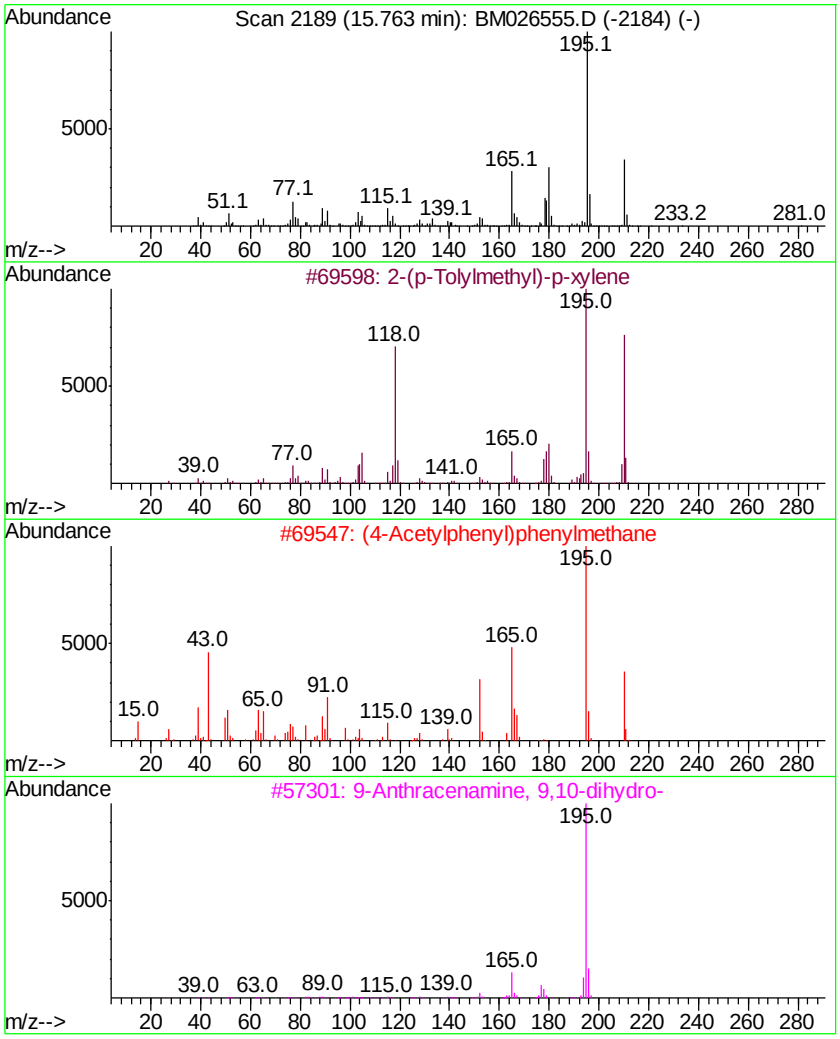
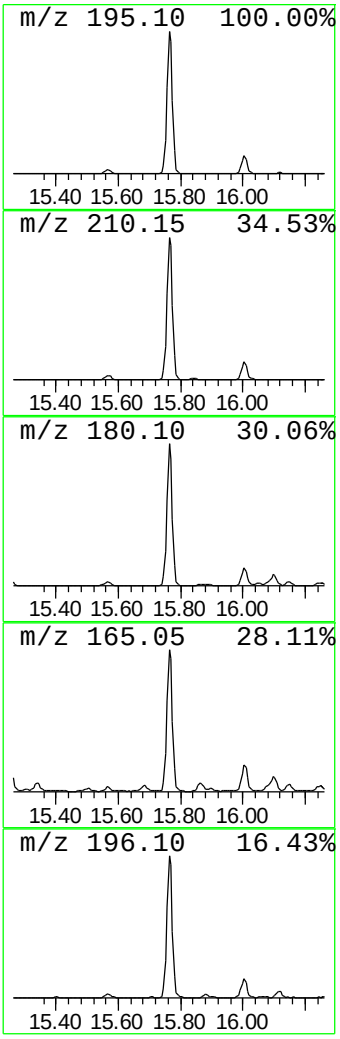
Peak Number 13 2-(p-Tolylmethyl)-p-xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	43.88 ng/ul	4090790	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	80
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
4	2-Methoxybenzyl alcohol, tert-bu...	252	C14H24O2Si	1000364-16-6	50
5	Isothiocyanate, 2,3-dimethoxyphenyl	195	C9H9NO2S	1000337-60-3	47





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Sample : L3064-07DL 10X
Misc :
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Quant Title : SVOA CALIBRATION

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

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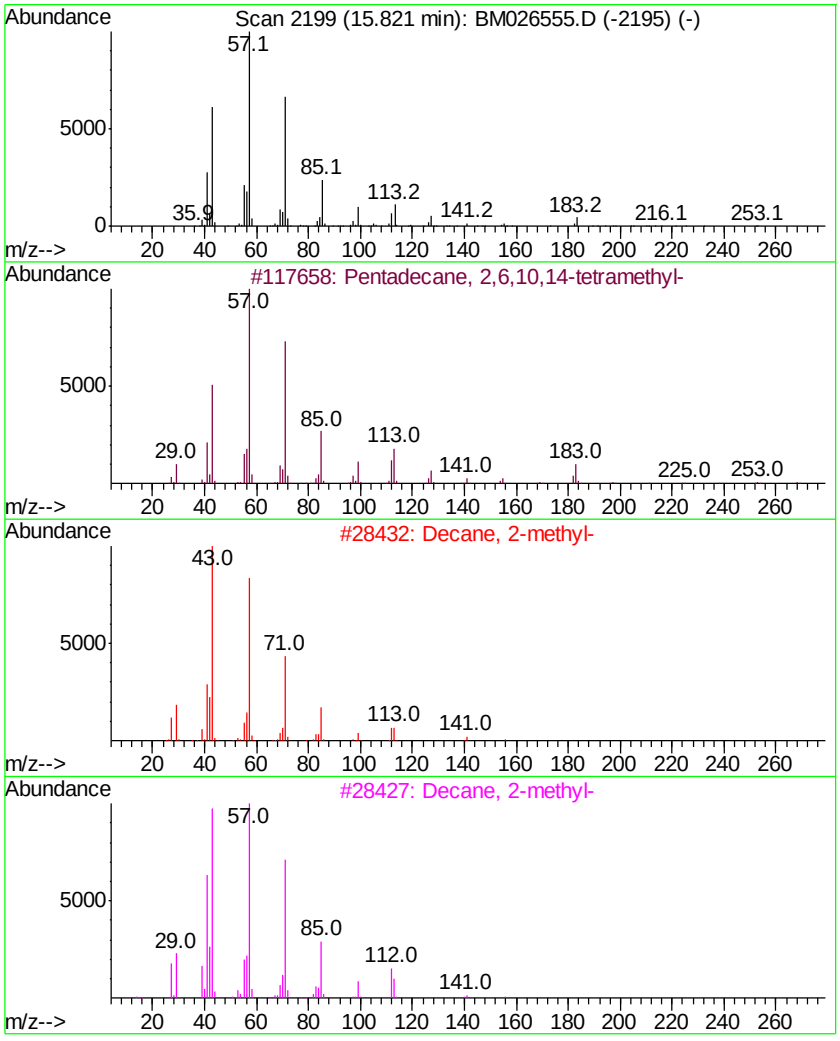
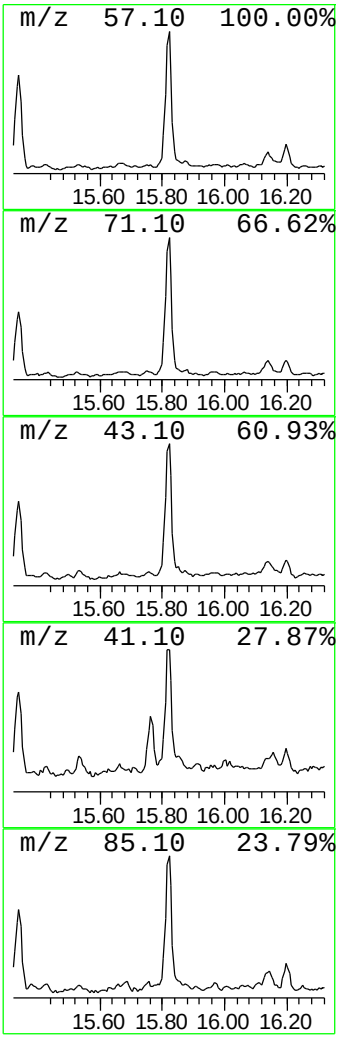
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	6.50 ng/ul	605573	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Decane, 2-methyl-	156	C11H24	006975-98-0	80
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53





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Quant Title : SVOA CALIBRATION

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

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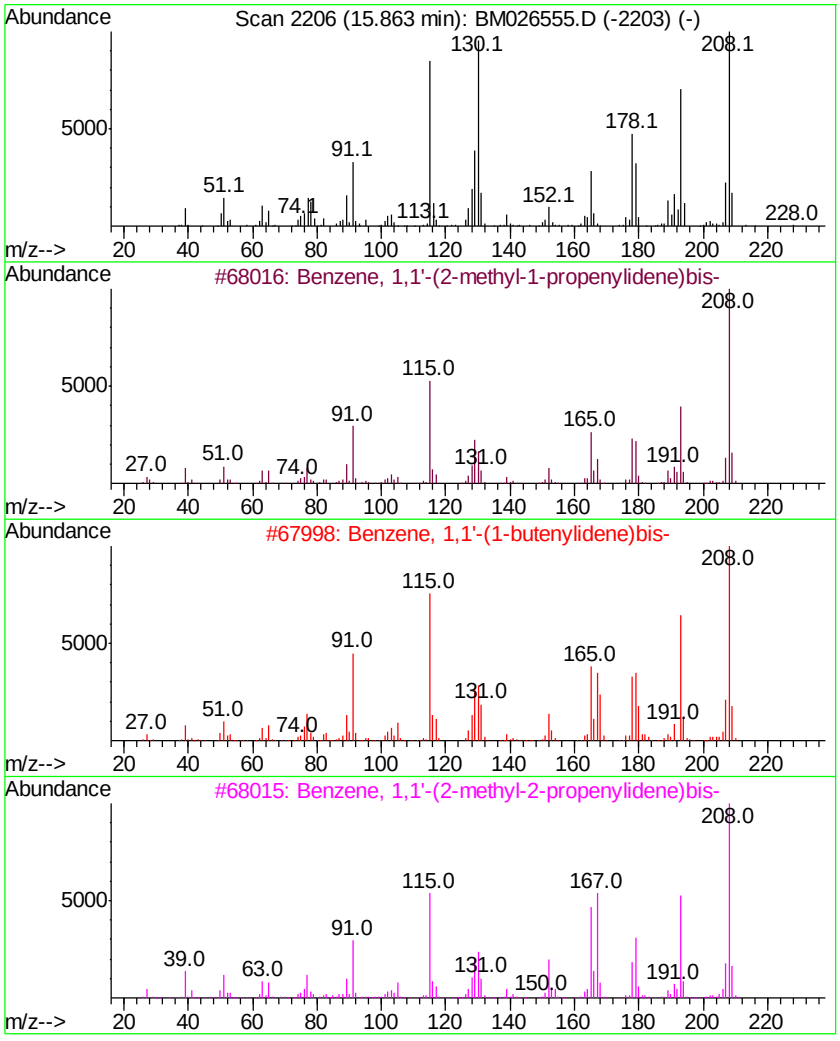
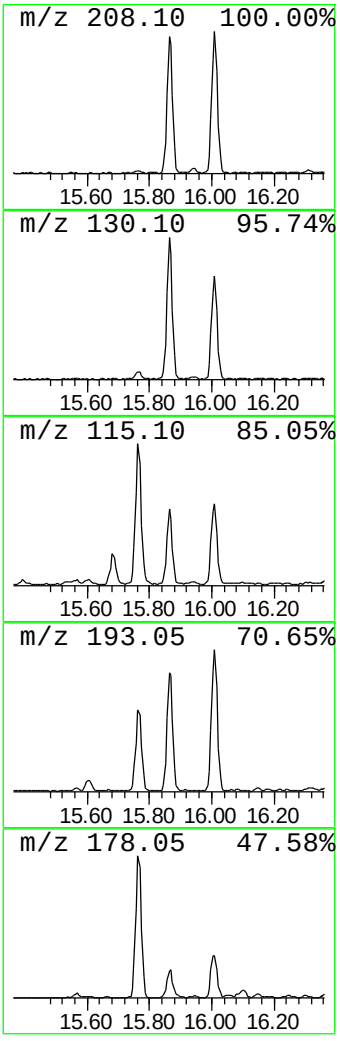
Peak Number 15 Benzene, 1,1'-(2-methyl-1-p... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.33 ng/ul	496599	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(2-methyl-1-propen...	208	C16H16	000781-33-9	90
2	Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	76
3	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	53
4	Benzene, 1,1'-(1,2-dimethyl-1,2-...	208	C16H16	000782-06-9	46
5	Benzene, 1,1'-(1,2-ethenediyl)bi...	208	C16H16	010311-74-7	42





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Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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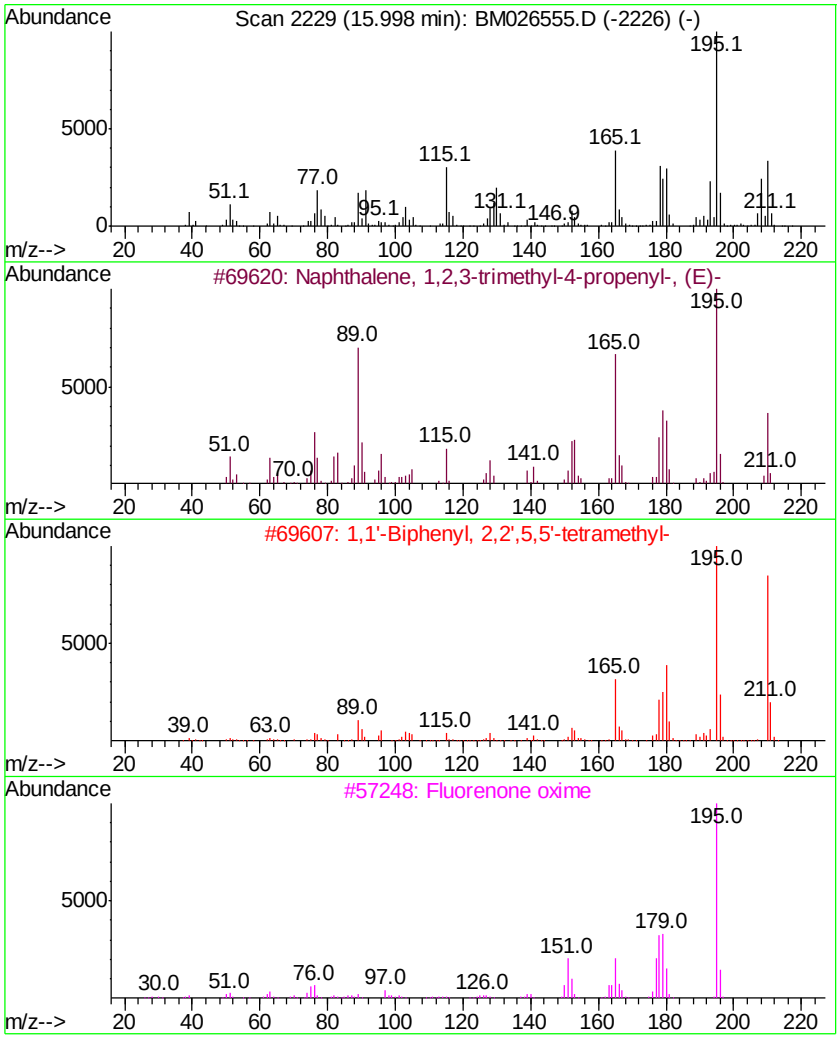
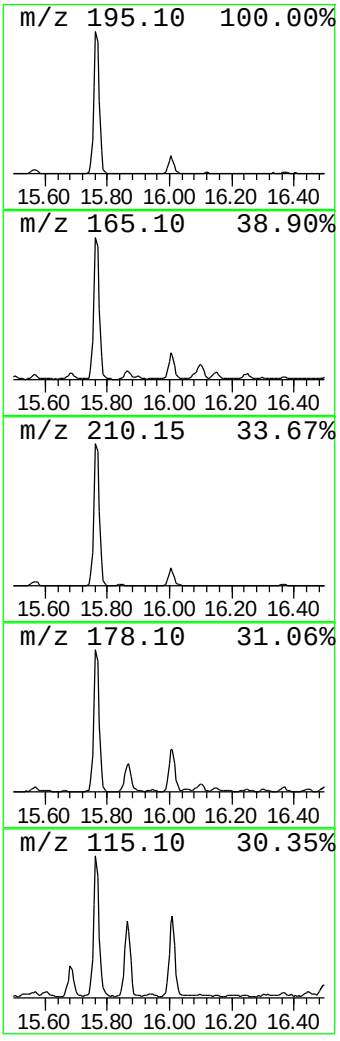
Peak Number 16 Naphthalene, 1,2,3-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	10.05 ng/ul	936718	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	68
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	58
3	Fluorenone oxime	195	C13H9NO	002157-52-0	55
4	1,8-Dimethylcarbazole	195	C14H13N	1000328-39-0	46
5	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	46





Library Search Compound Report

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Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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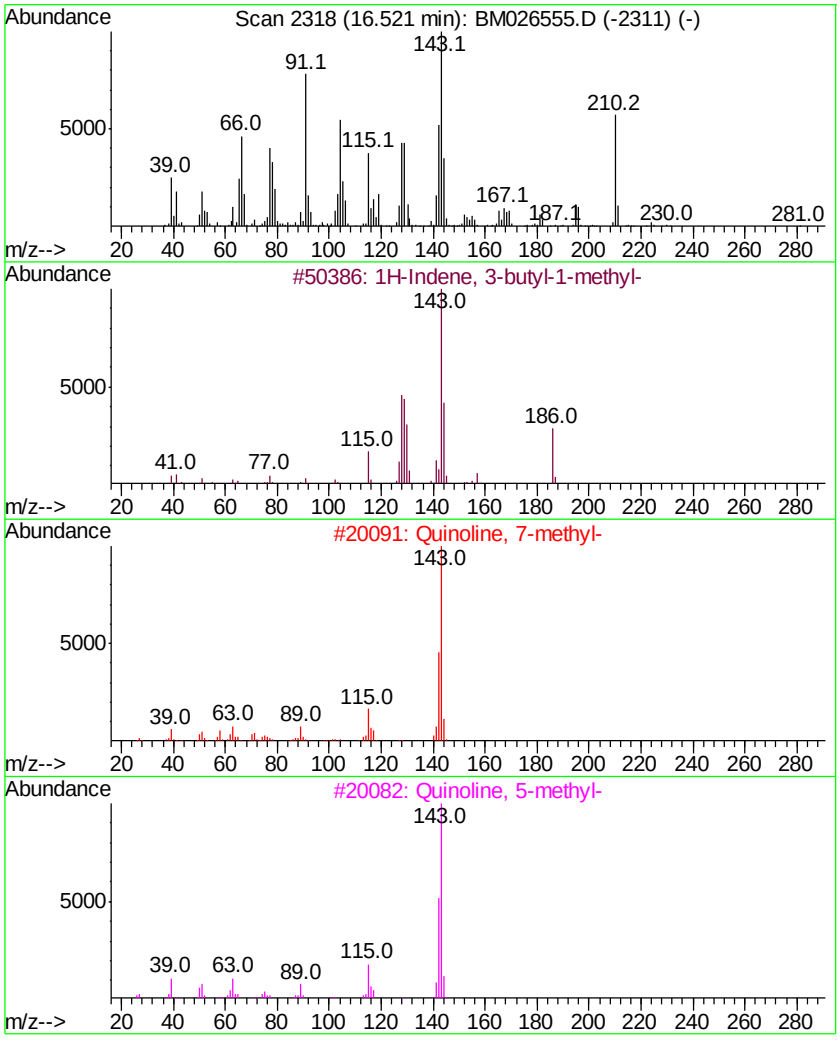
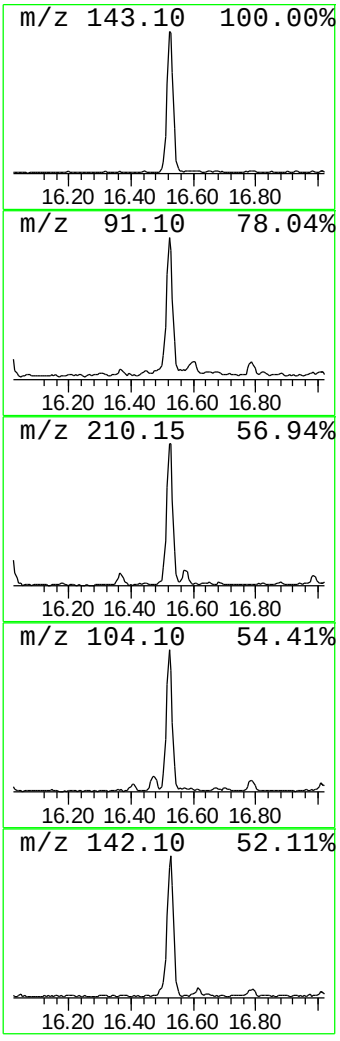
Peak Number 17 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	9.14 ng/ul	852538	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-butyl-1-methyl-	186	C14H18	111400-84-1	12
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	11
3	Quinoline, 5-methyl-	143	C10H9N	007661-55-4	11
4	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	11
5	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	11





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Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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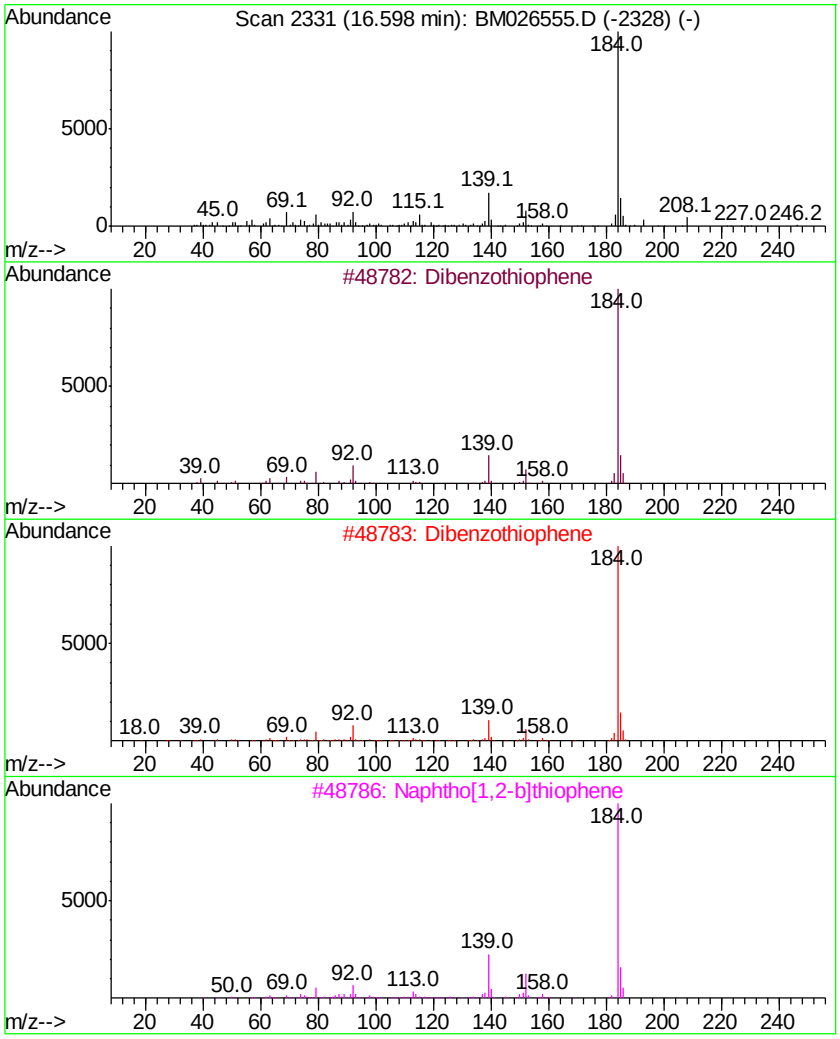
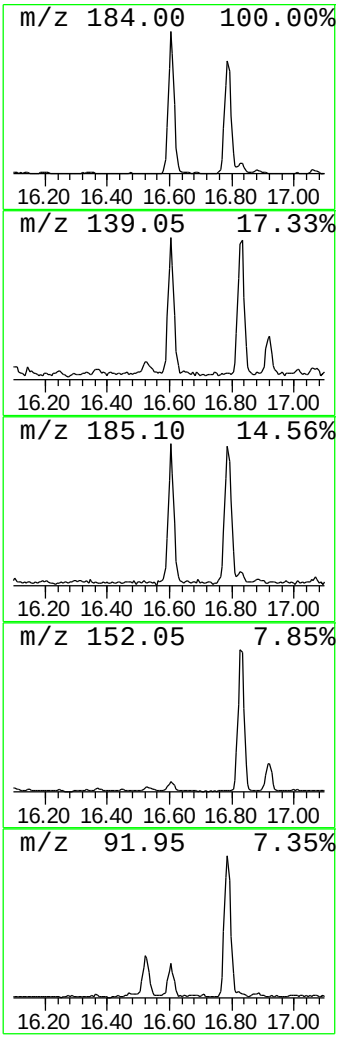
Peak Number 18 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	3.16 ng/ul	294801	Phenanthrene-d10	16.79

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





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Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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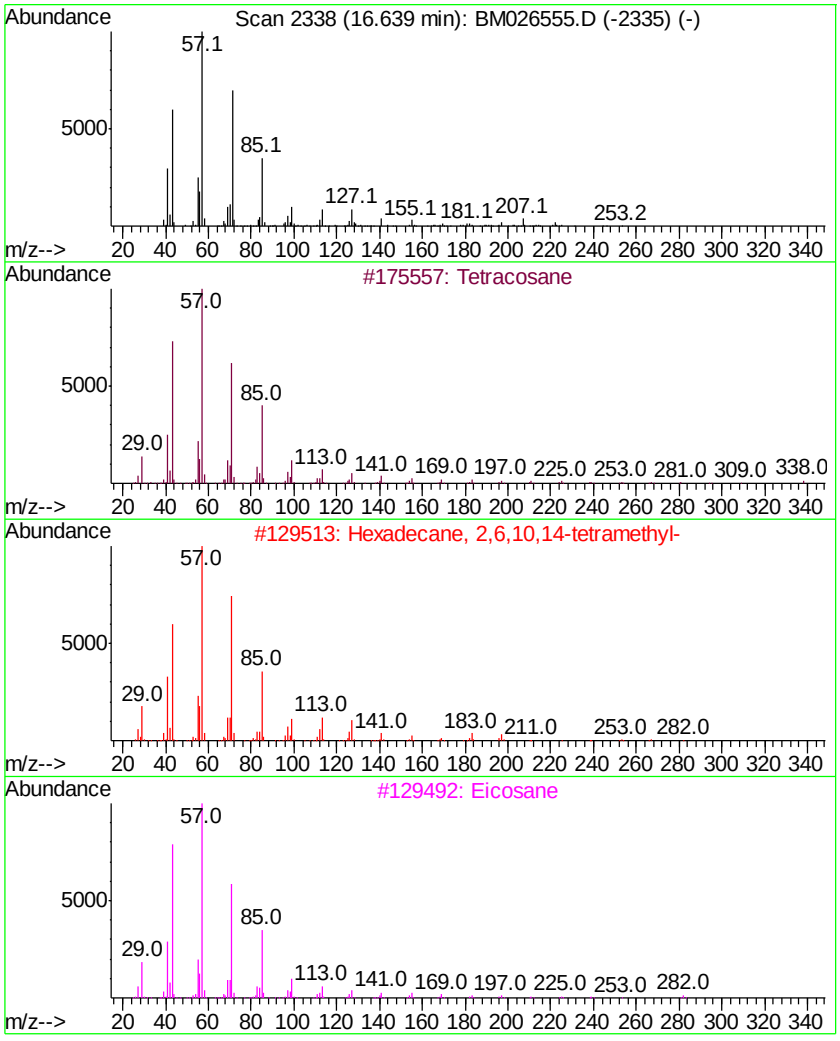
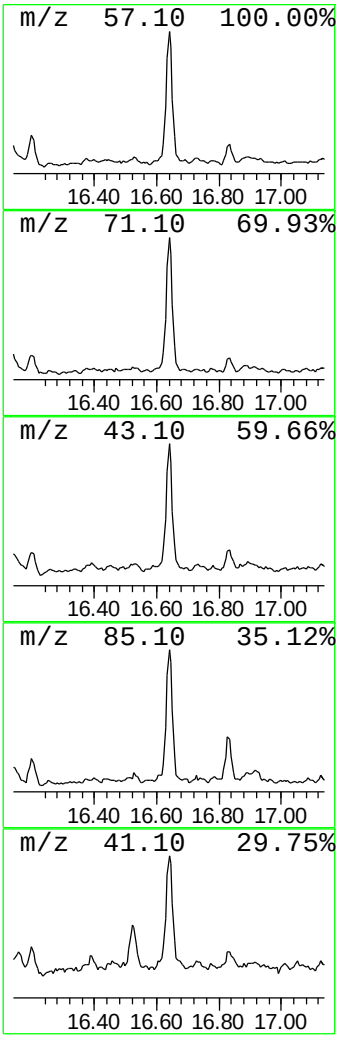
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	4.42 ng/ul	411646	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Eicosane	282	C20H42	000112-95-8	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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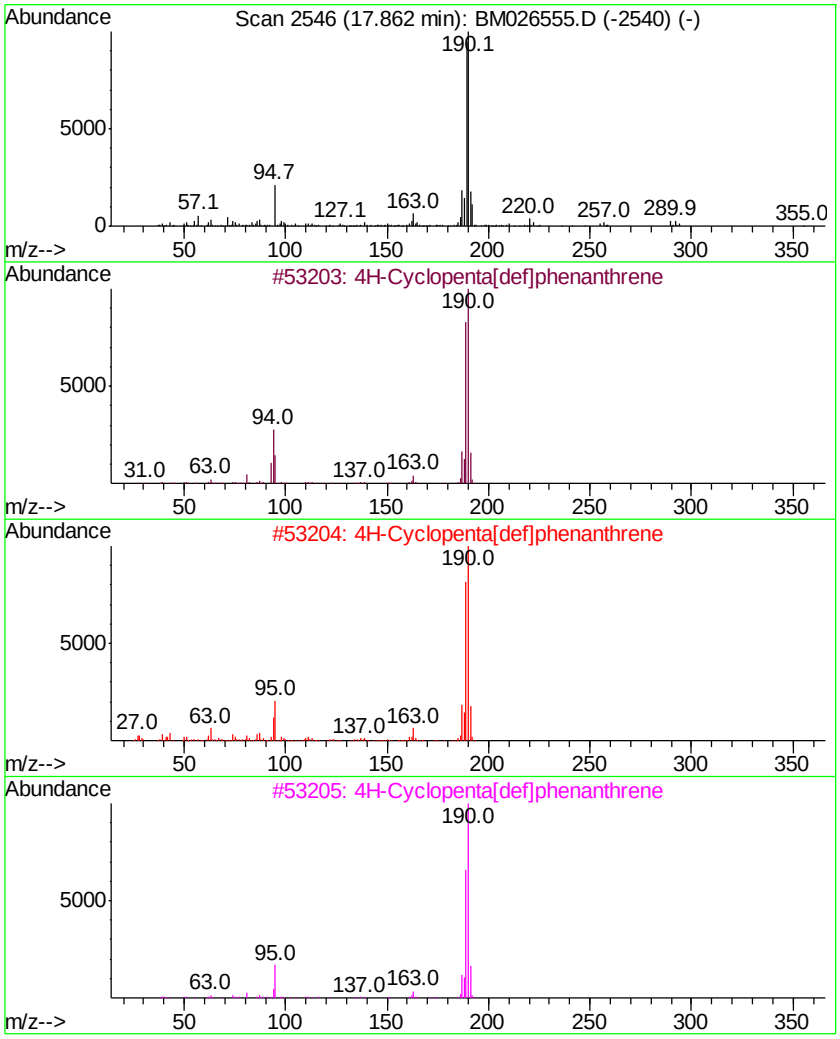
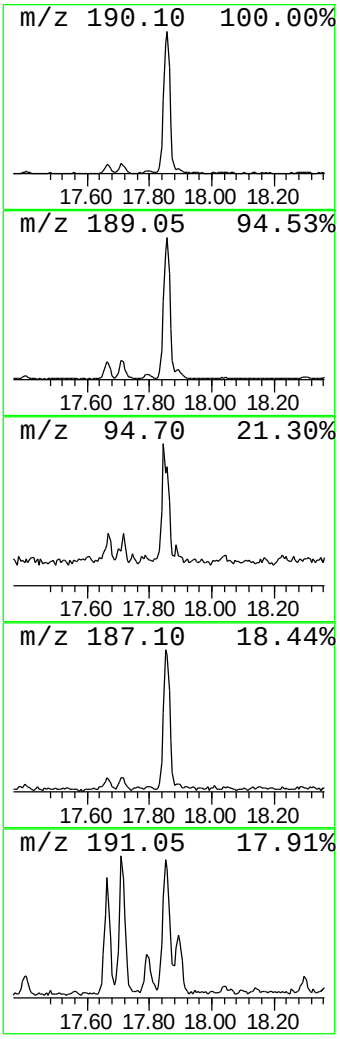
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.68 ng/ul	435989	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53





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Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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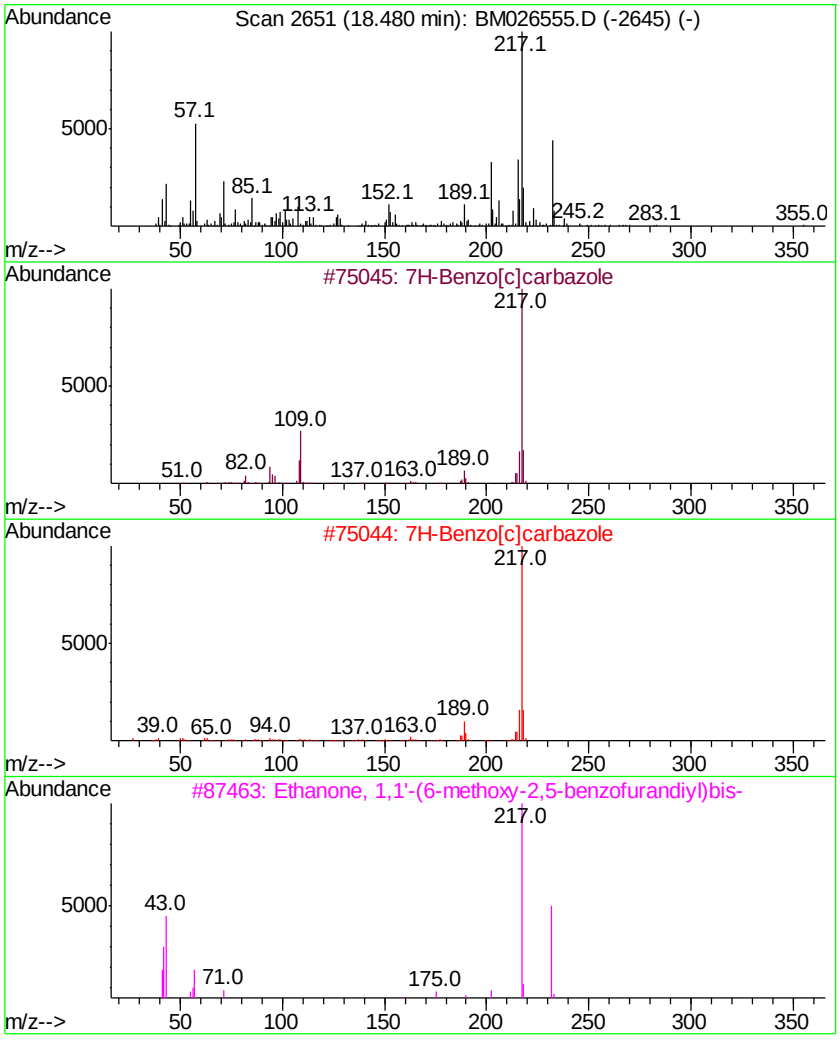
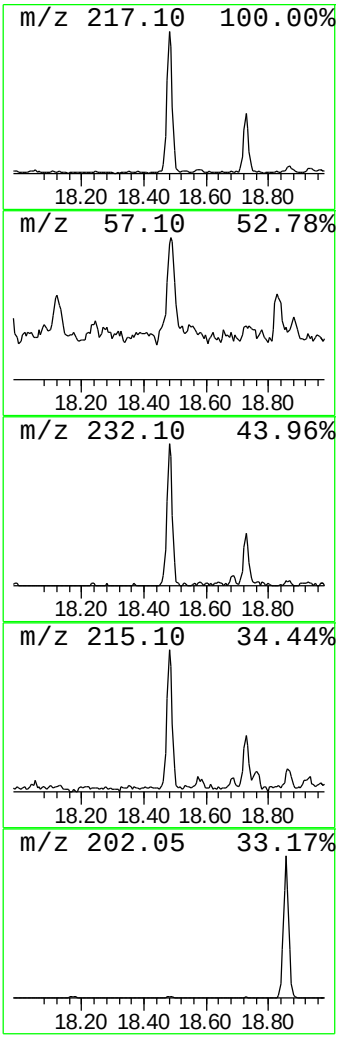
Peak Number 21 7H-Benzo[c]carbazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	4.24 ng/ul	395632	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	50
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	50
3	Ethanone, 1,1'-(6-methoxy-2,5-be...	232	C13H12O4	023840-15-5	47
4	1-Aminopyrene	217	C16H11N	001606-67-3	45
5	1-Aminopyrene	217	C16H11N	001606-67-3	45





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Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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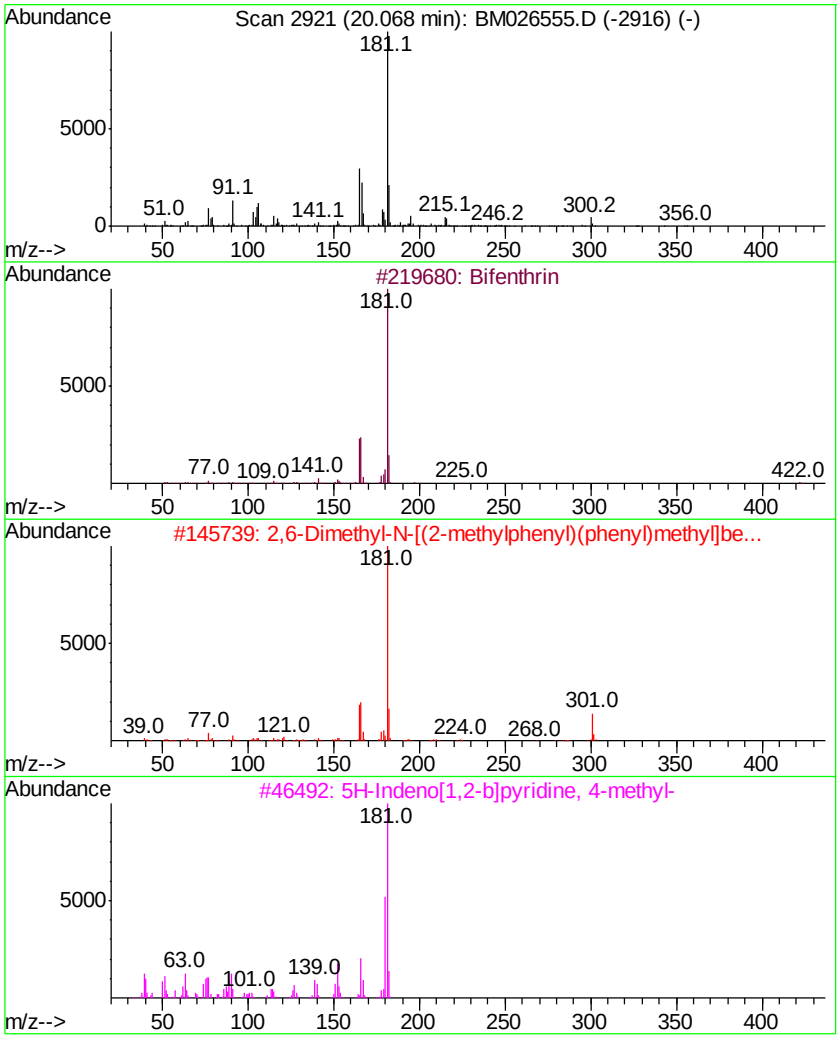
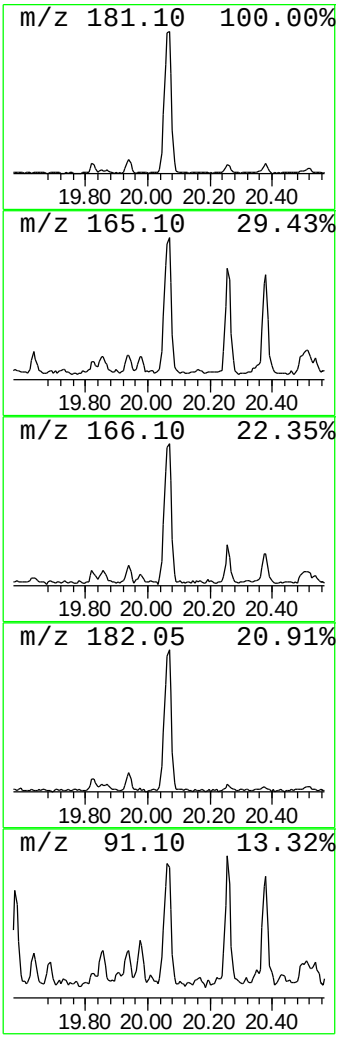
Peak Number 22 2,6-Dimethyl-N-[(2-methylph... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.85 ng/ul	495105	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bifenthrin	422	C23H22ClF3O2	082657-04-3	59
2	2,6-Dimethyl-N-[(2-methylphenyl)...	301	C22H23N	1000326-47-6	58
3	5H-Indeno[1,2-b]pyridine, 4-methyl-	181	C13H11N	064292-01-9	53
4	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	50
5	7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	50





Library Search Compound Report

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Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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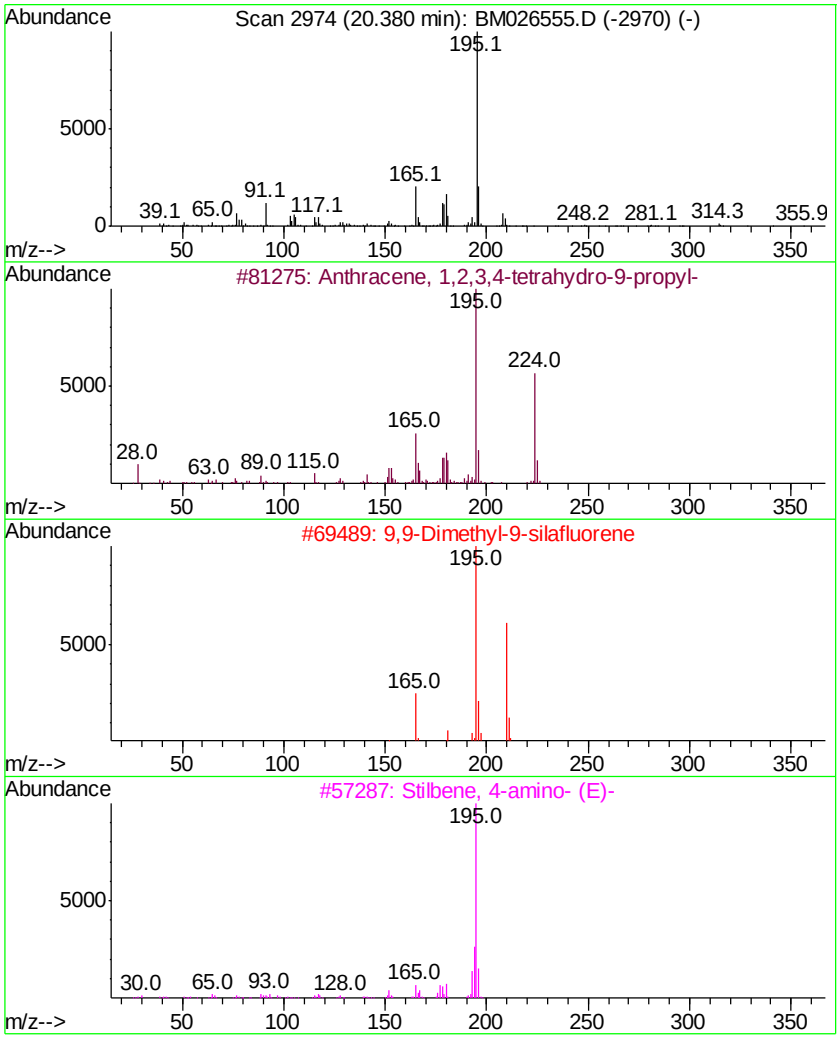
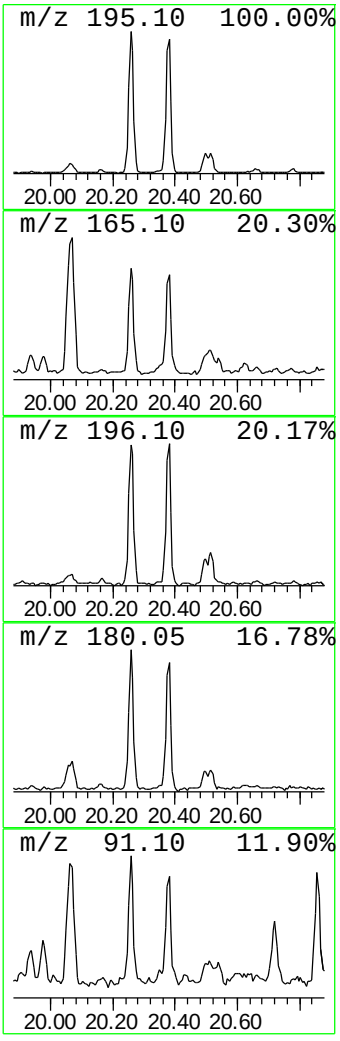
Peak Number 23 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.15 ng/ul	374604	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	64
2	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	59
3	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	59
4	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	53
5	1-Amino-9-fluorenone	195	C13H9NO	006344-62-3	49





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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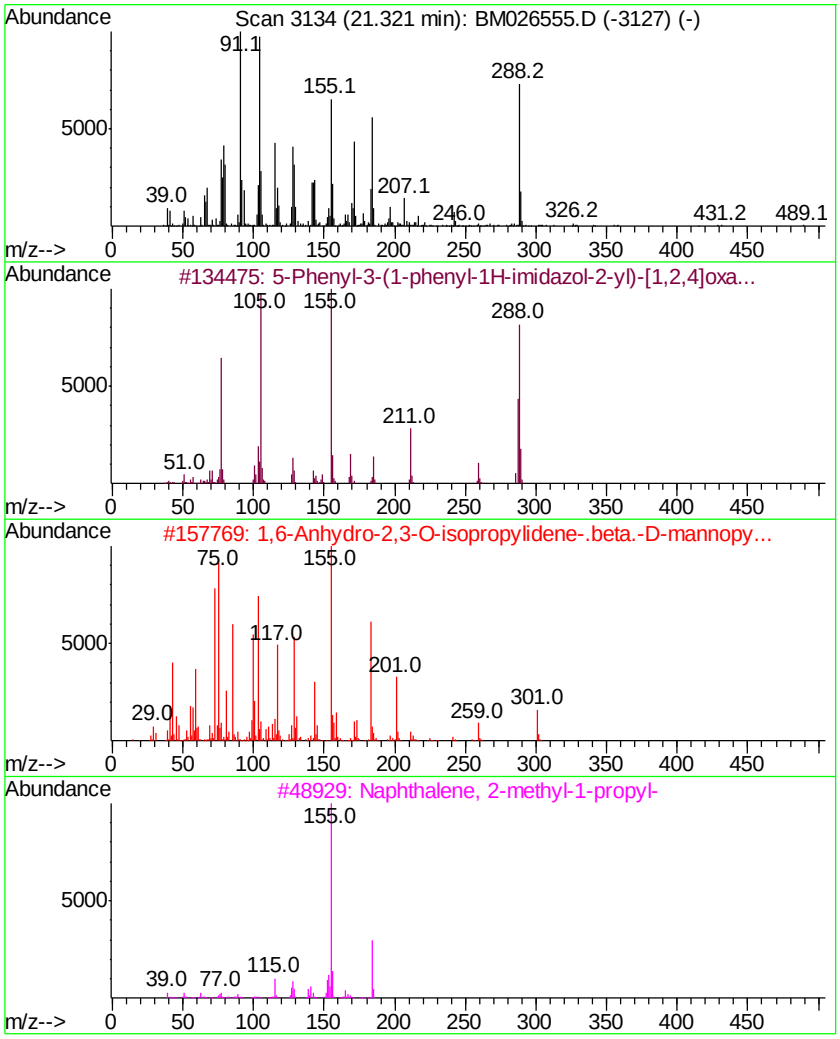
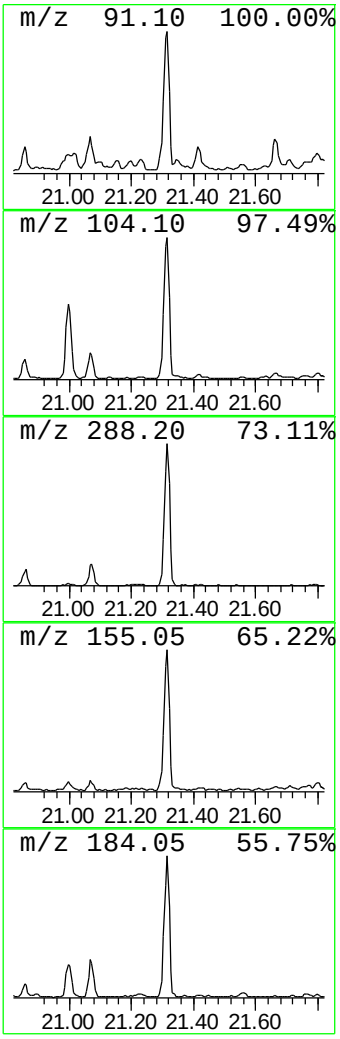
Peak Number 24 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.86 ng/ul	1019780	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Phenyl-3-(1-phenyl-1H-imidazol...	288	C17H12N4O	1000306-59-7	18
2	1,6-Anhydro-2,3-O-isopropylidene...	316	C15H28O5Si	1000364-42-4	11
3	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	11
4	Benzaldehyde, O-(diethylboryl)oxime	189	C11H16BNO	074421-33-3	11
5	4-Methyl-N-(2-morpholin-4-yl-2-o...	298	C13H18N2O4S	1000318-16-8	10





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

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Quant Title : SVOA CALIBRATION

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

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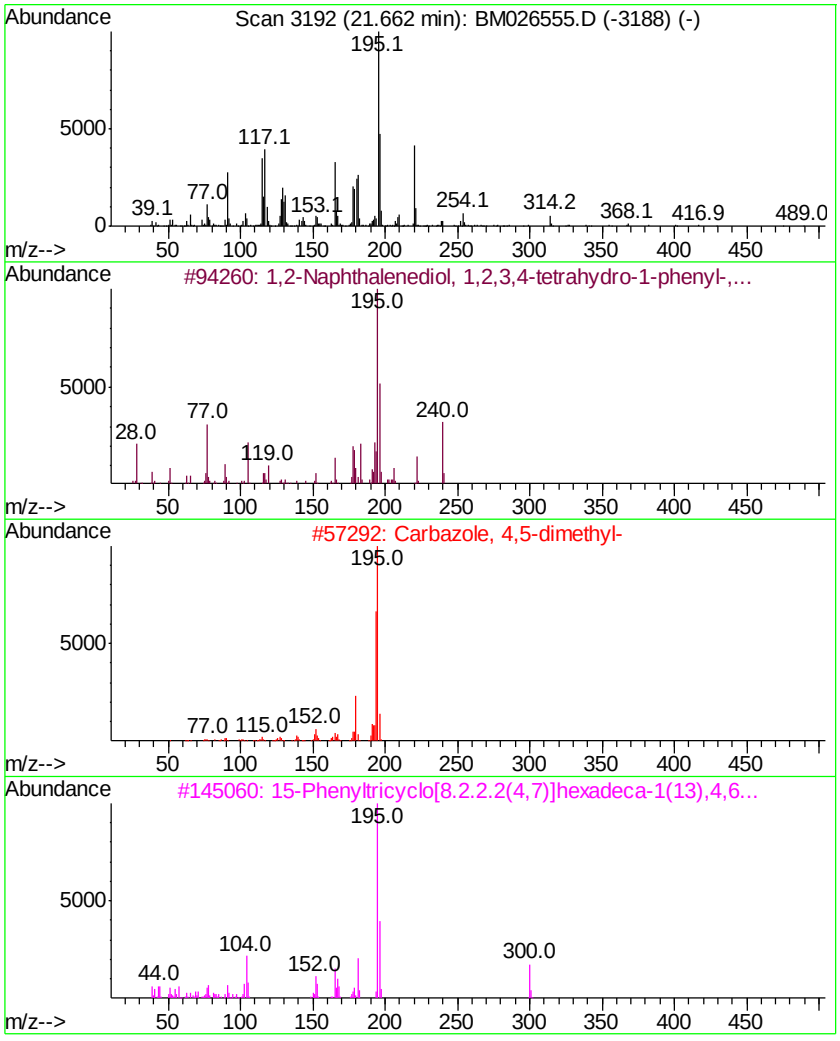
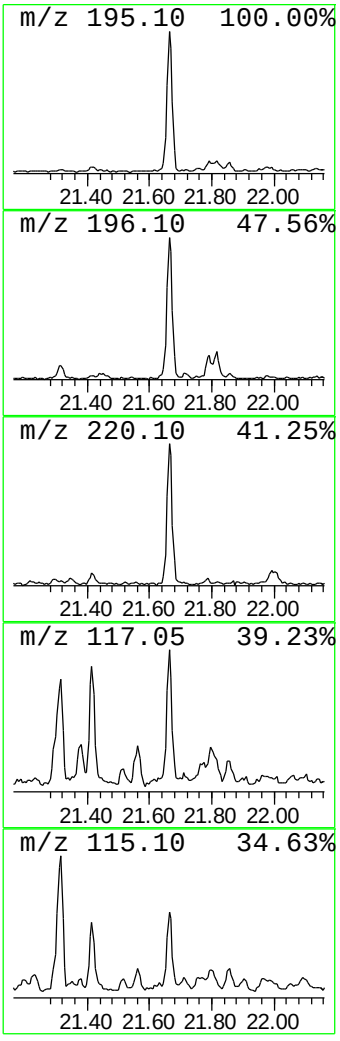
Peak Number 25 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.53 ng/ul	440638	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Naphthalenediol, 1,2,3,4-tet...	240	C16H16O2	056588-38-6	32
2	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	27
3	15-Phenyltricyclo[8.2.2.2(4,7)]h...	300	C22H20O	1000306-65-7	25
4	Benzene, 1,1'-[1-(ethylthio)prop...	256	C17H20S	053699-80-2	22
5	Xanthene, 9,9-dimethyl-	210	C15H14O	019814-75-6	22





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Quant Title : SVOA CALIBRATION

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

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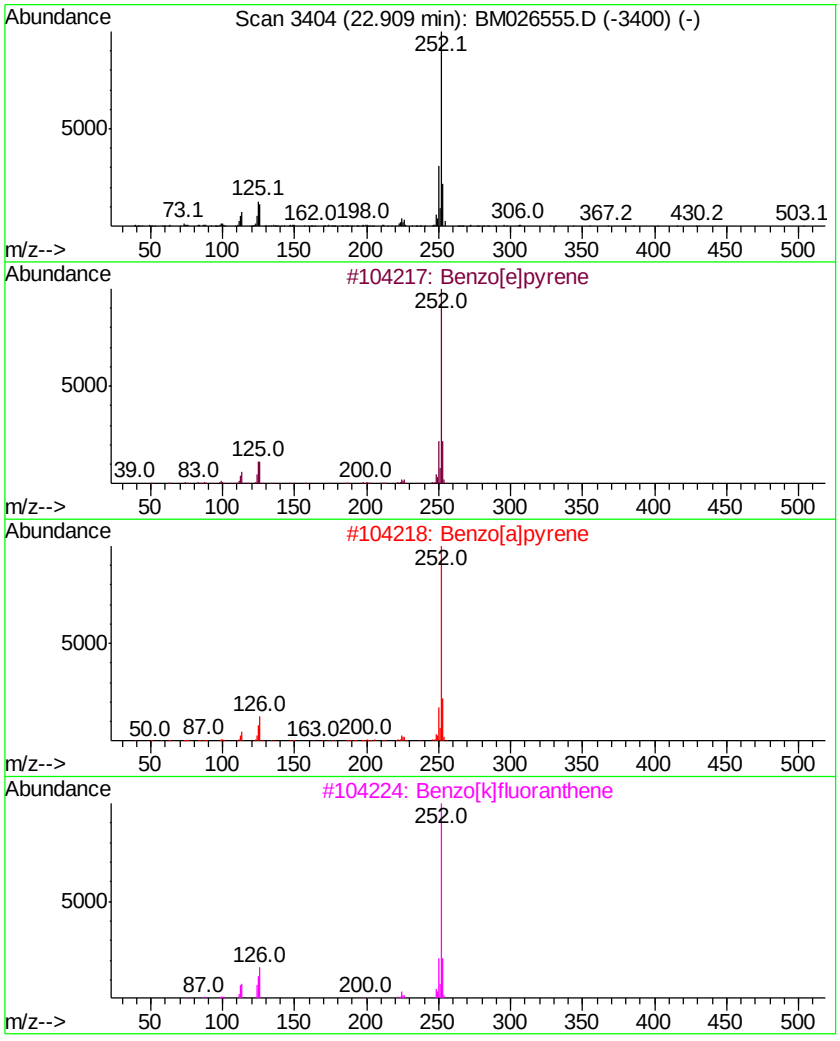
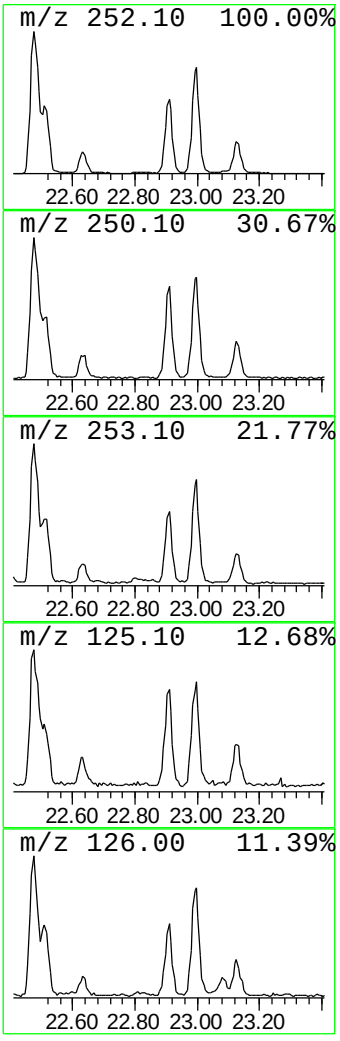
Peak Number 26 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	3.78 ng/ul	336515	Perylene-d12	23.09

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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
Indane	7.73	9.6	ng/ul	312471	1	7.37	650069	20.0
Naphthalene, 1-me...	12.03	29.0	ng/ul	1486970	2	10.13	1026000	20.0
Naphthalene, 2-et...	13.05	3.2	ng/ul	484065	3	14.03	3041690	20.0
Naphthalene, 2,6-...	13.18	2.6	ng/ul	398278	3	14.03	3041690	20.0
Naphthalene, 2,3-...	13.35	4.1	ng/ul	624778	3	14.03	3041690	20.0
Naphthalene, 1,7-...	13.40	2.1	ng/ul	322656	3	14.03	3041690	20.0
Bifenthrin	14.89	3.4	ng/ul	514315	3	14.03	3041690	20.0
Fluorene, 1,4-dih...	15.25	2.7	ng/ul	409244	3	14.03	3041690	20.0
(DEL) Alkane: Str...	15.34	4.6	ng/ul	693605	3	14.03	3041690	20.0
Dibenzofuran, 4-m...	15.39	3.3	ng/ul	501253	3	14.03	3041690	20.0
9H-Fluoren-9-ol	15.53	6.9	ng/ul	645982	4	16.79	1864620	20.0
unknown-01	15.68	3.0	ng/ul	281380	4	16.79	1864620	20.0
2-(p-Tolylmethyl)...	15.76	43.9	ng/ul	4090790	4	16.79	1864620	20.0
(DEL) Alkane: Str...	15.82	6.5	ng/ul	605573	4	16.79	1864620	20.0
Benzene, 1,1'-(2-...	15.86	5.3	ng/ul	496599	4	16.79	1864620	20.0
Naphthalene, 1,2,...	16.00	10.1	ng/ul	936718	4	16.79	1864620	20.0
unknown-02	16.52	9.1	ng/ul	852538	4	16.79	1864620	20.0
Dibenzothiophene	16.60	3.2	ng/ul	294801	4	16.79	1864620	20.0
(DEL) Alkane: Str...	16.64	4.4	ng/ul	411646	4	16.79	1864620	20.0
4H-Cyclopenta[def...	17.86	4.7	ng/ul	435989	4	16.79	1864620	20.0
7H-Benzo[c]carbazole	18.48	4.2	ng/ul	395632	4	16.79	1864620	20.0
2,6-Dimethyl-N-[(...	20.07	2.9	ng/ul	495105	5	21.00	3478680	20.0
Anthracene, 1,2,3...	20.38	2.1	ng/ul	374604	5	21.00	3478680	20.0
unknown-03	21.32	5.9	ng/ul	1019780	5	21.00	3478680	20.0
unknown-04	21.66	2.5	ng/ul	440638	5	21.00	3478680	20.0
Benzo[e]pyrene	22.91	3.8	ng/ul	336515	6	23.09	1780790	20.0