LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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	3.658	128	131	136	rVB4	6627	9584	0.21%	0.025%
2	5.416	425	430	433	rBV7	3894	7174	0.16%	0.018%
3	7.034	700	705	708	rBV6	3420	6628	0.15%	0.017%
4	7.369	755	762	774	rBV	370220	585087	13.11%	1.508%
5	7.734	818	824	833	rBV	111797	173407	3.89%	0.447%
6	7.905	847	853	861	rVB2	8618	18782	0.42%	0.048%
7	10.128	1224	1231	1237	rBV	550223	914850	20.50%	2.358%
8	10.175	1237	1239	1247	rVB	52722	77937	1.75%	0.201%
9	10.698	1322	1328	1332	rVB9	3352	6160	0.14%	0.016%
10	11.169	1403	1408	1416	rBV5	6127	14650	0.33%	0.038%
11	11.610	1478	1483	1488	rBV6	3997	8318	0.19%	0.021%
12	11.693	1492	1497	1502	rBV2	9957	16468	0.37%	0.042%
13	11.804	1507	1516	1526	rBV	543235	884790	19.83%	2.280%
14	11.928	1532	1537	1541	rVB3	7627	13444	0.30%	0.035%
15	12.028	1543	1554	1562	rBV	505176	807005	18.08%	2.080%
16	12.110	1564	1568	1572	rVB4	8614	13744	0.31%	0.035%
17	12.287	1594	1598	1606	rVB5	6693	13896	0.31%	0.036%
18	12.569	1641	1646	1651	rBV2	14007	20634	0.46%	0.053%
19	12.851	1687	1694	1704	rBV	127736	220640	4.94%	0.569%
20	12.963	1708	1713	1715	rVV5	5059	7954	0.18%	0.020%
21	12.998	1715	1719	1721	rVV4	3897	6933	0.16%	0.018%
22	13.045	1721	1727	1738	rVB	141557	263209	5.90%	0.678%
23	13.181	1744	1750	1752	rBV	151124	233779	5.24%	0.603%
24	13.345	1771	1778	1783	rBV	205429	348881	7.82%	0.899%
25	13.398	1783	1787	1793	rVV	129536	179782	4.03%	0.463%
26	13.539	1802	1811	1815	rBV3	38794	69148	1.55%	0.178%
27	13.581	1815	1818	1822	rVV	88427	131733	2.95%	0.340%
28	13.616	1822	1824	1828	rVB	29092	32751	0.73%	0.084%
29	13.751	1842	1847	1852	rVB2	69550	116505	2.61%	0.300%
30	13.898	1870	1872	1878	rVB4	5344	7297	0.16%	0.019%
31	14.028	1878	1894	1899	rBV4	1151824	2219044	49.72%	5.719%
32	14.092	1899	1905	1910	rVV	3245141	4462682	100.00%	11.502%
33	14.139	1910	1913	1918	rVB2	82910	121436	2.72%	0.313%
34	14.245	1925	1931	1941	rBV2	37001	92963	2.08%	0.240%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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	14.345	1943	1948	1954	rBV	113130	158388	3.55%	0.408%
36	14.434	1954	1963	1969	rBV	1857707	2564440	57.46%	6.609%
37	14.522	1974	1978	1985	rVV	40337	62618	1.40%	0.161%
38	14.592	1986	1990	1994	rVB	36714	50283	1.13%	0.130%
39	14.663	1997	2002	2007	rBV2	32265	47322	1.06%	0.122%
40	14.716	2007	2011	2015	rVB	33874	42726	0.96%	0.110%
41	14.757	2015	2018	2022	rBV5	12649	16451	0.37%	0.042%
42	14.834	2024	2031	2033	rBV5	35862	69277	1.55%	0.179%
43	14.857	2033	2035	2037	rVV2	41562	49195	1.10%	0.127%
44	14.892	2037	2041	2048	rVB	196863	271856	6.09%	0.701%
45	14.986	2051	2057	2060	rBV6	24836	47917	1.07%	0.123%
46	15.045	2060	2067	2070	rVV	1157912	1539219	34.49%	3.967%
47	15.086	2070	2074	2080	rVV	2042270	2826240	63.33%	7.284%
48	15.139	2080	2083	2087	rVB3	24377	32931	0.74%	0.085%
49	15.216	2092	2096	2098	rVV2	89273	131200	2.94%	0.338%
50	15.251	2098	2102	2107	rVV	163514	238082	5.33%	0.614%
51	15.339	2107	2117	2121	rVV	214768	378958	8.49%	0.977%
52	15.386	2121	2125	2137	rVB	170168	270054	6.05%	0.696%
53	15.533	2146	2150	2159	rVB2	151471	329232	7.38%	0.849%
54	15.622	2159	2165	2168	rBV4	25871	45051	1.01%	0.116%
55	15.681	2171	2175	2179	rVB	93683	116243	2.60%	0.300%
56	15.763	2184	2189	2195	rBV	1699712	2142287	48.00%	5.521%
57	15.816	2195	2198	2202	rVV	217101	304979	6.83%	0.786%
58	15.863	2202	2206	2211	rVB	220271	278123	6.23%	0.717%
59	15.945	2216	2220	2224	rBV4	16128	23792	0.53%	0.061%
60	16.004	2225	2230	2236	rBV2	384769	496770	11.13%	1.280%
61	16.098	2243	2246	2250	rVV2	35412	44367	0.99%	0.114%
62	16.151	2251	2255	2259	rVV5	34874	60430	1.35%	0.156%
63	16.198	2259	2263	2267	rVB2	39921	52937	1.19%	0.136%
64	16.363	2288	2291	2299	rBV5	45423	81049	1.82%	0.209%
65	16.445	2302	2305	2310	rBV5	33153	51999	1.17%	0.134%
66	16.522	2311	2318	2324	rVV3	287351	442428	9.91%	1.140%
67	16.575	2324	2327	2328	rVV	31550	30958	0.69%	0.080%
68	16.604	2328	2332	2335	rVV	107375	161242	3.61%	0.416%
69	16.639	2335	2338	2342	rVB	164777	208909	4.68%	0.538%
70	16.786	2357	2363	2366	rBV	1185268	1606821	36.01%	4.141%
71	16.828	2366	2370	2376	rVB	1558390	2011614	45.08%	5.184%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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	16.916	2381	2385	2393	rVB	352961	489975	10.98%	1.263%
73	17.010	2398	2401	2405	rVB2	44900	59958	1.34%	0.155%
74	17.145	2420	2424	2427	rBV	52262	67704	1.52%	0.174%
75	17.204	2431	2434	2437	rVV2	53335	64585	1.45%	0.166%
76	17.245	2437	2441	2445	rVB	67017	93327	2.09%	0.241%
77	17.363	2458	2461	2465	rBV5	44524	69957	1.57%	0.180%
78	17.404	2465	2468	2472	rVB6	53388	72292	1.62%	0.186%
79	17.669	2509	2513	2517	rVV4	59605	83230	1.87%	0.215%
80	17.710	2517	2520	2527	rVB	49837	70685	1.58%	0.182%
81	17.851	2540	2544	2555	rVB3	132429	247701	5.55%	0.638%
82	18.039	2573	2576	2585	rBV10	24351	62973	1.41%	0.162%
83	18.480	2645	2651	2656	rBV4	105963	207387	4.65%	0.534%
84	18.727	2690	2693	2696	rBV3	36692	55521	1.24%	0.143%
85	18.857	2710	2715	2720	rVB	796385	1017582	22.80%	2.623%
86	19.010	2737	2741	2748	rBV2	71742	149058	3.34%	0.384%
87	19.221	2769	2777	2781	rBV	514258	798064	17.88%	2.057%
88	19.545	2829	2832	2834	rBV	65151	81801	1.83%	0.211%
89	19.574	2834	2837	2841	rVB	110276	126791	2.84%	0.327%
90	19.727	2861	2863	2867	rVB	87037	87837	1.97%	0.226%
91	19.827	2877	2880	2882	rBV	93185	120321	2.70%	0.310%
92	19.851	2882	2884	2887	rVB	115290	118580	2.66%	0.306%
93	19.974	2902	2905	2909	rBV	144398	166666	3.73%	0.430%
94	20.063	2916	2920	2924	rBV	148263	230062	5.16%	0.593%
95	20.257	2950	2953	2957	rVB	135456	152498	3.42%	0.393%
96	20.374	2970	2973	2978	rVB	140686	147103	3.30%	0.379%
97	20.998	3073	3079	3083	rBV2	1706583	2420225	54.23%	6.238%
98	21.310	3128	3132	3136	rVB2	366898	414342	9.28%	1.068%
99	21.662	3189	3192	3196	rBV2	153232	209453	4.69%	0.540%
100	23.080	3428	3433	3439	rVB2	971716	1521482	34.09%	3.921%

Sum of corrected areas: 38800843

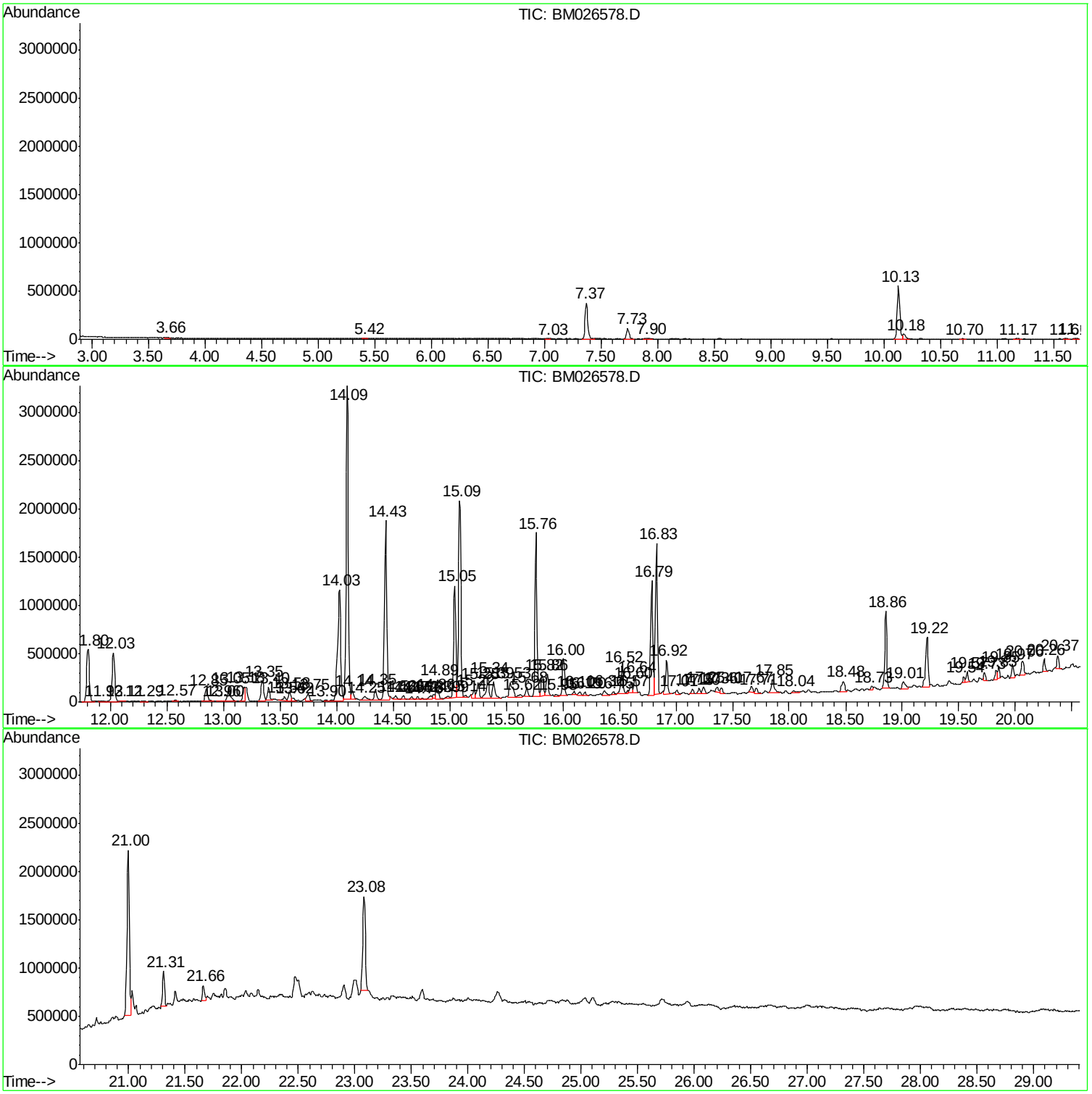
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ET161DL2

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 : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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

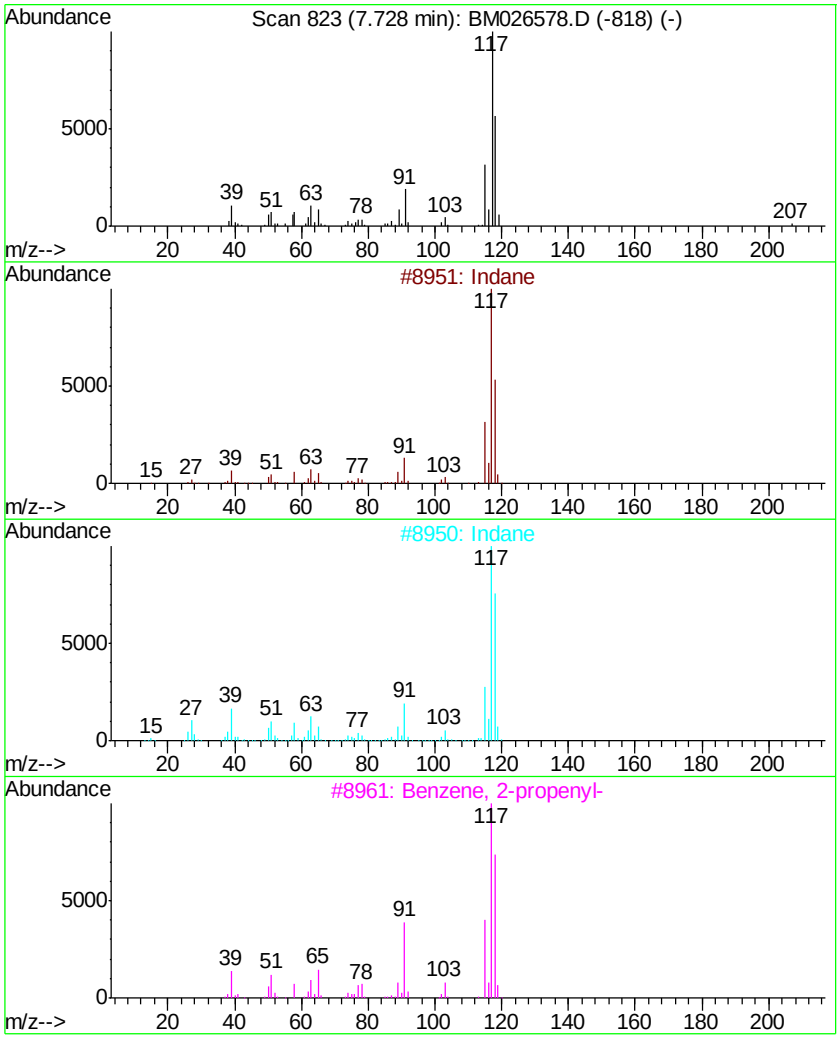
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

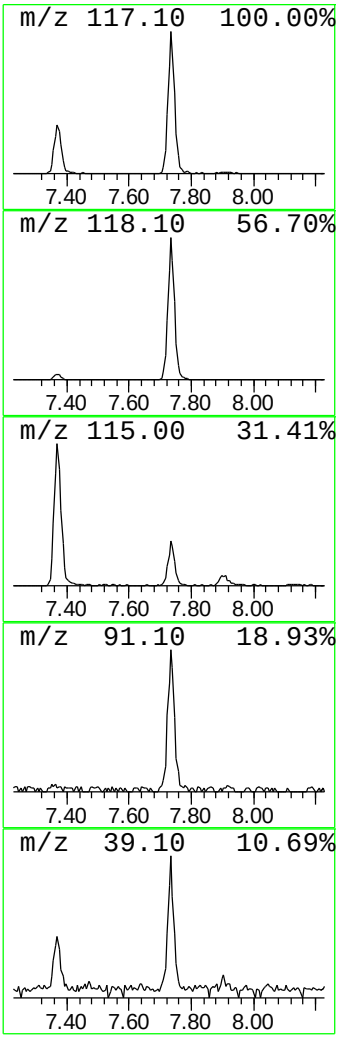
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	5.93 ng/ul	173407	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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

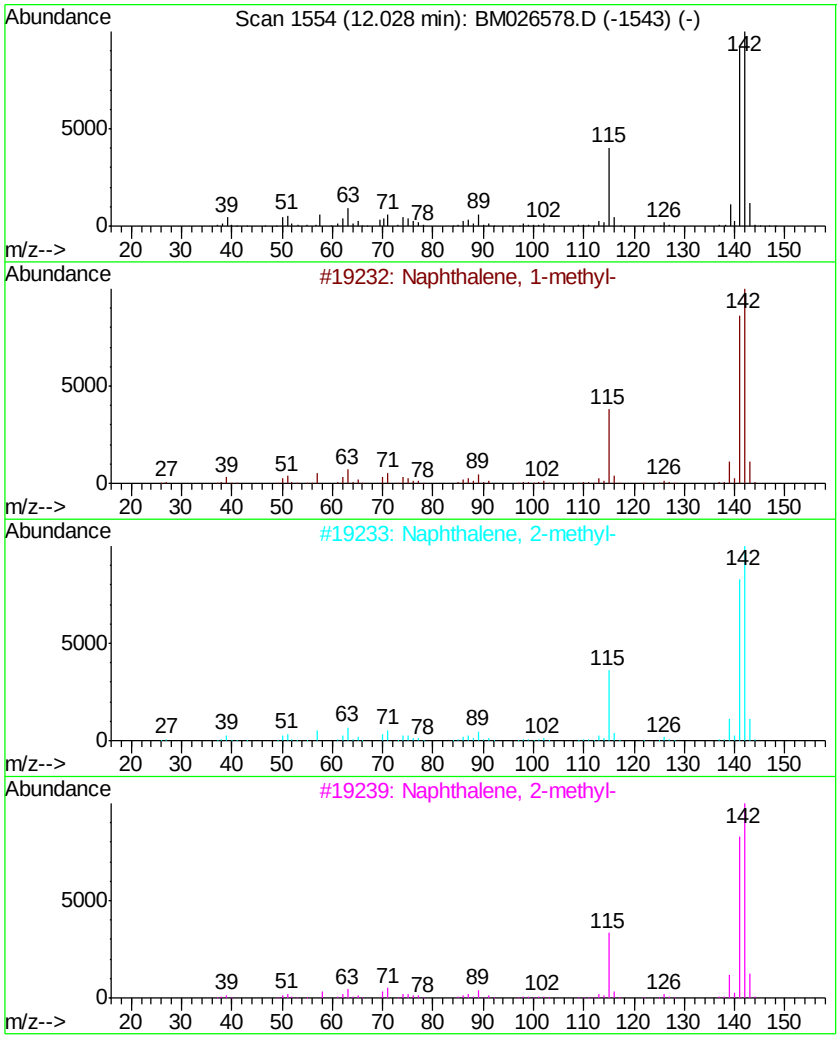
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

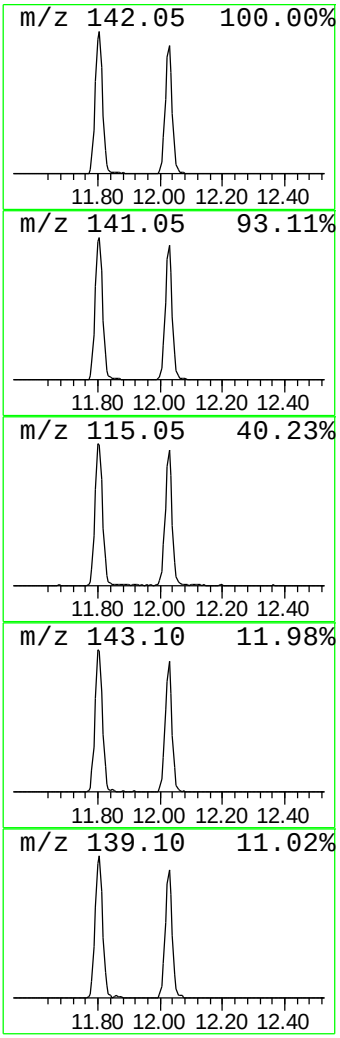
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	17.64 ng/ul	807005	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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

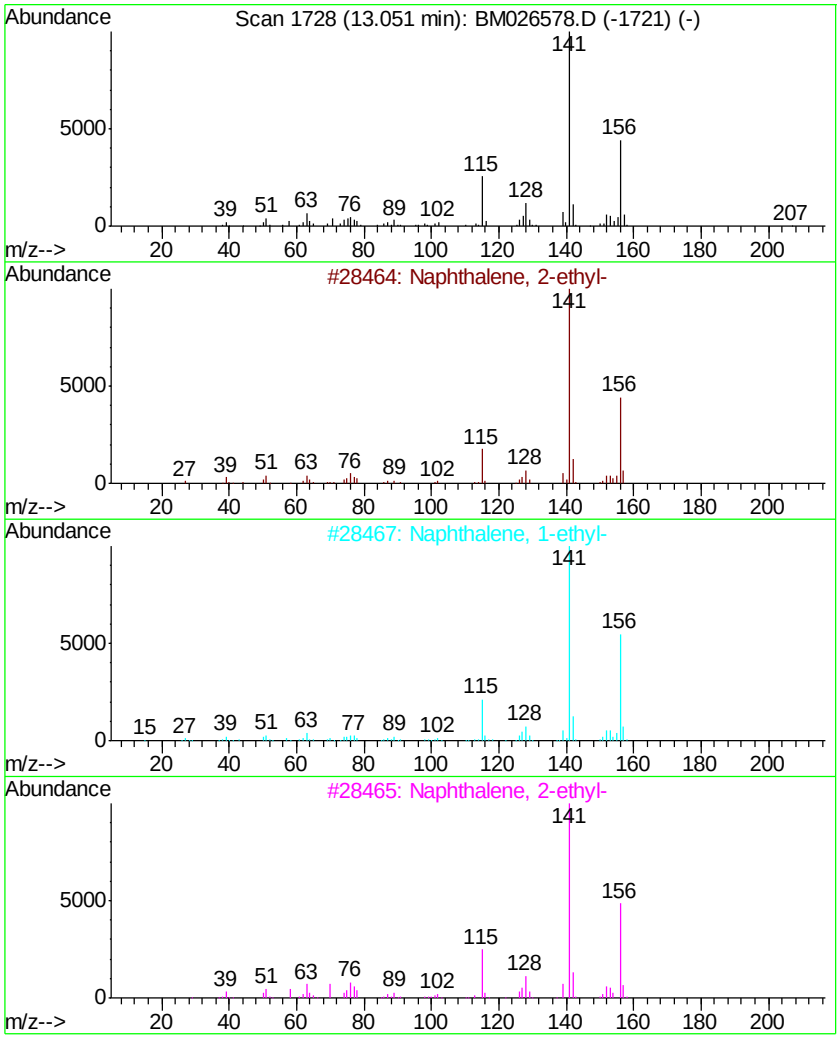
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

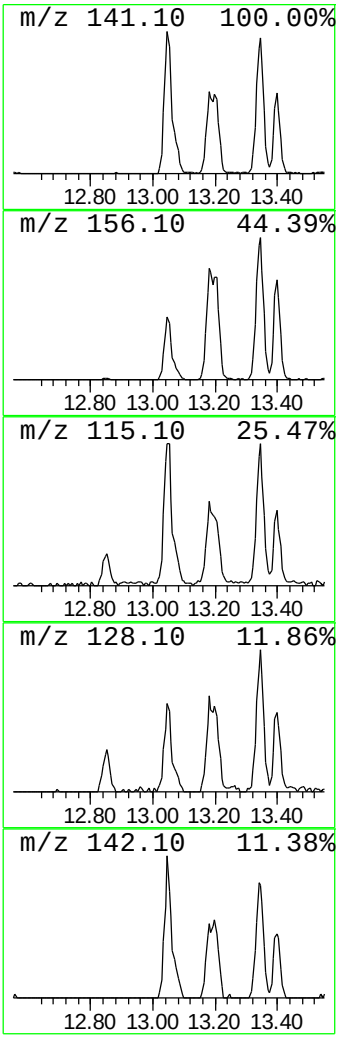
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.37 ng/ul	263209	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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

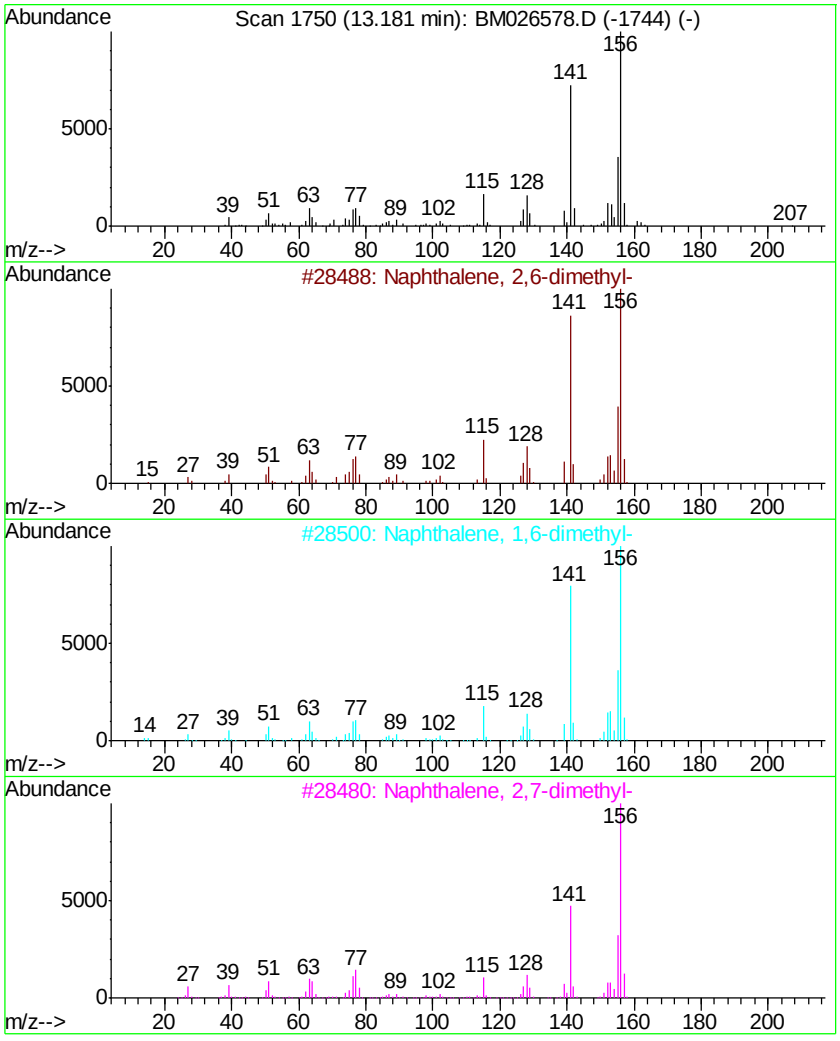
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

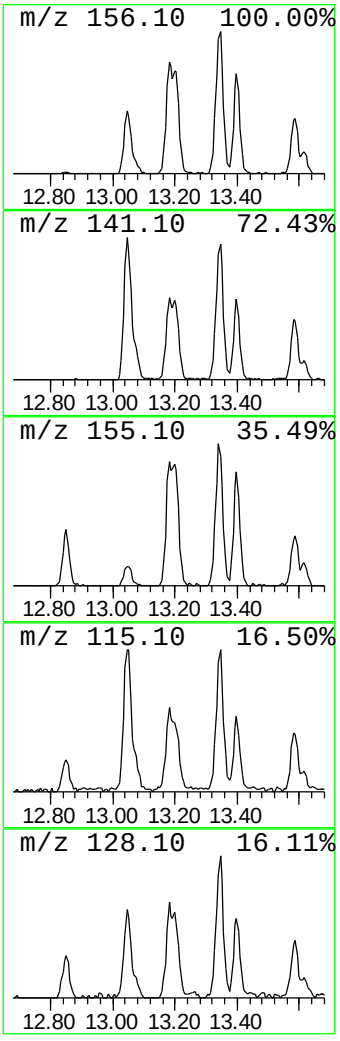
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.11 ng/ul	233779	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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

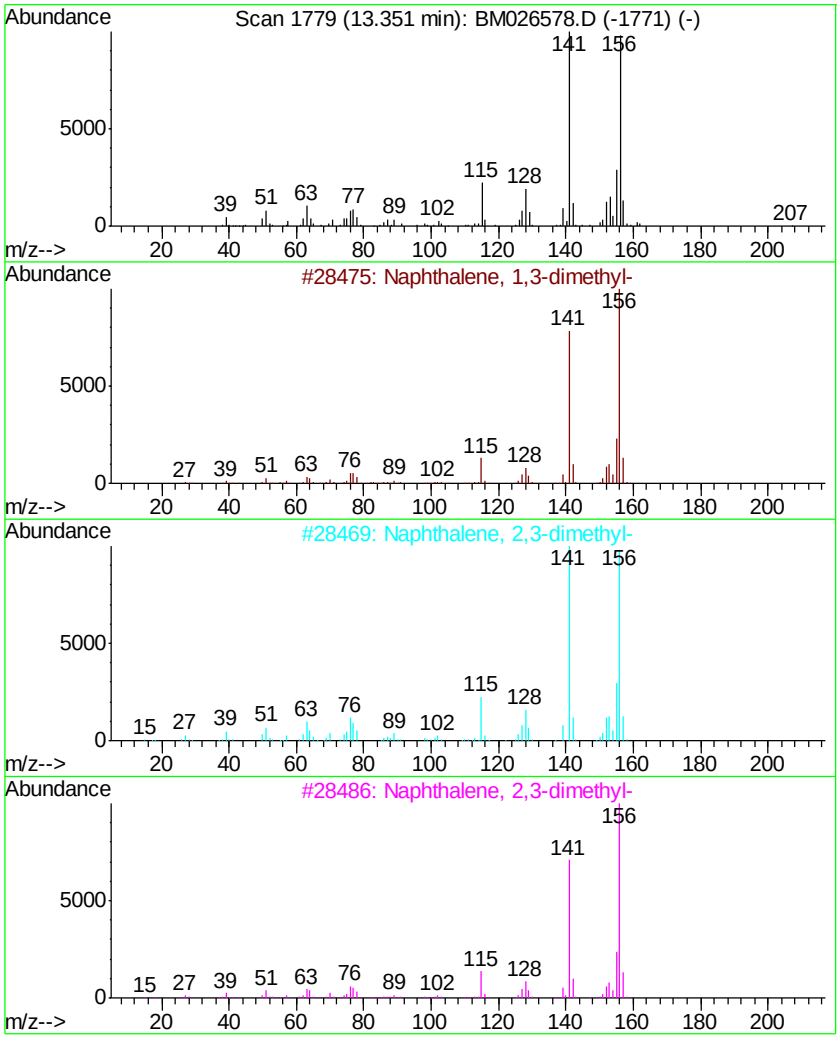
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

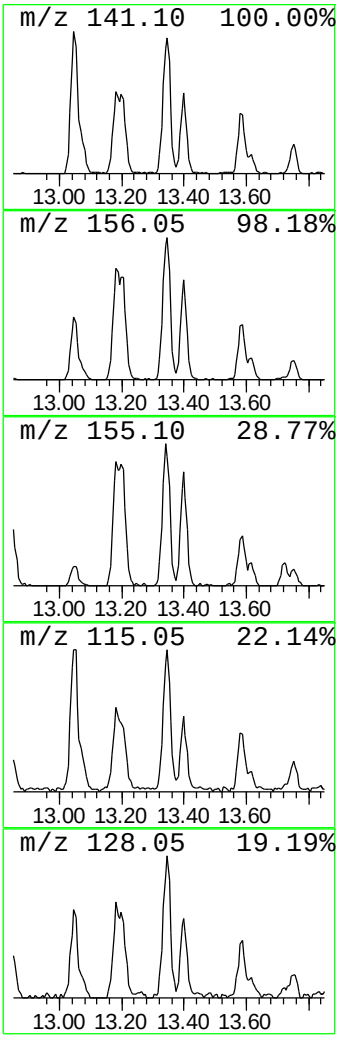
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.14 ng/ul	348881	Acenaphthene-d10	14.03

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





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Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

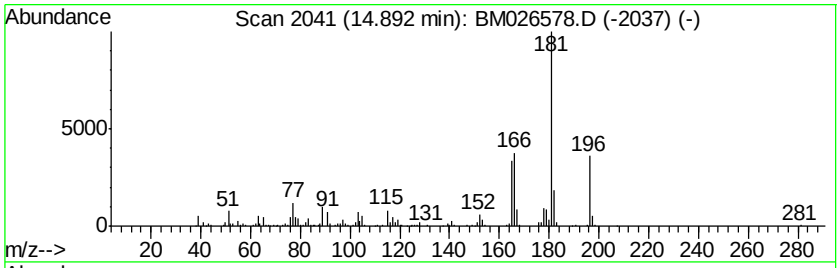
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

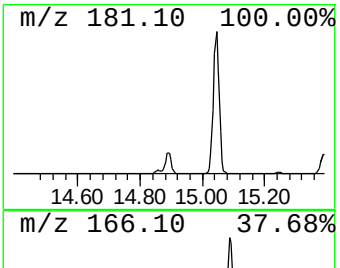
****

Peak Number 6 Methane, di-p-tolyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.45 ng/ul	271856	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, di-p-tolyl-	196	C15H16	004957-14-6	94
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	91
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	91
4	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91
5	Methane, di-p-tolyl-	196	C15H16	004957-14-6	90





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Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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

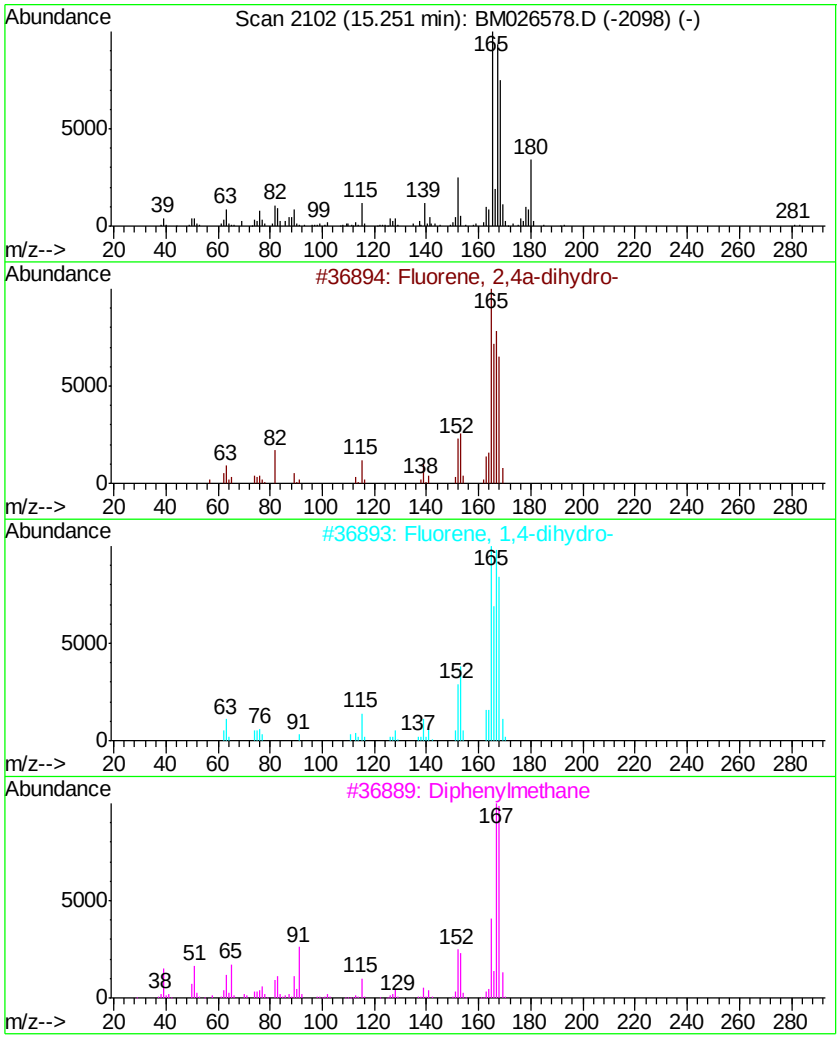
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

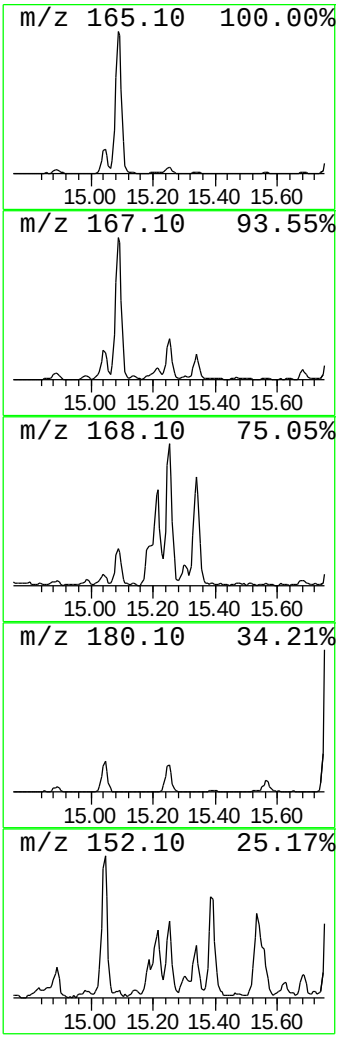
****

Peak Number 7 Fluorene, 2,4a-dihydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.15 ng/ul	238082	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	70
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70
3	Diphenylmethane	168	C13H12	000101-81-5	60
4	Diphenylmethane	168	C13H12	000101-81-5	53
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46





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Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

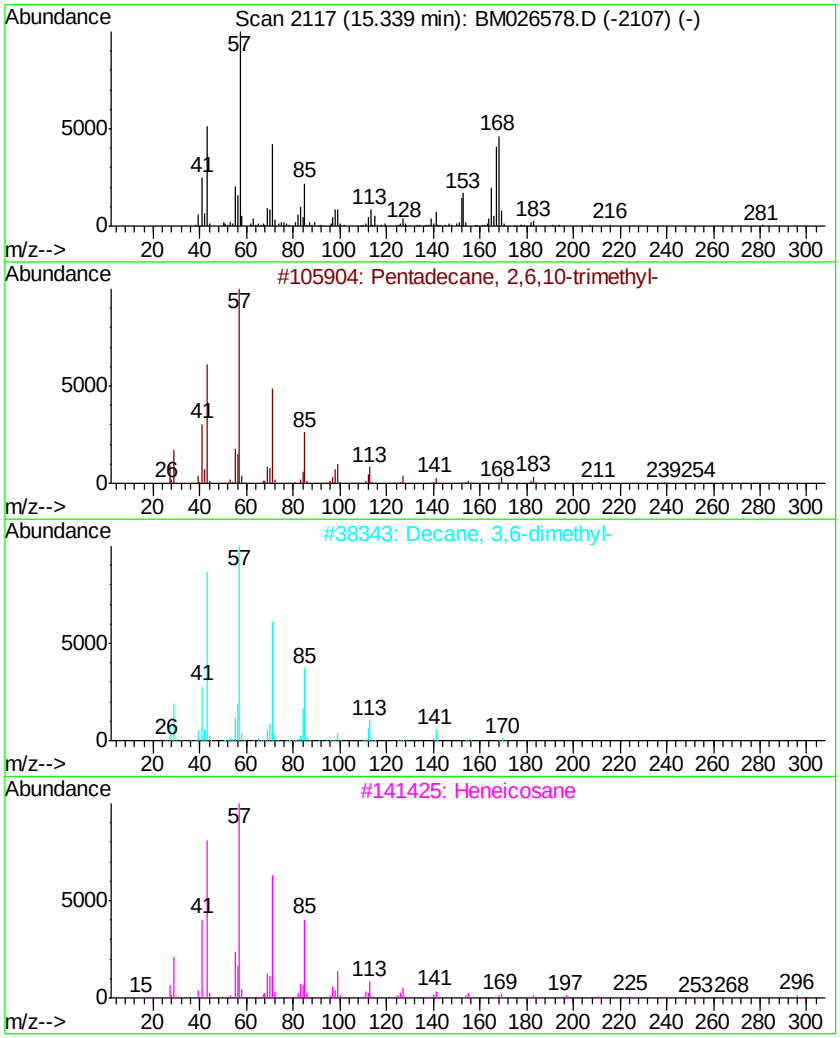
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

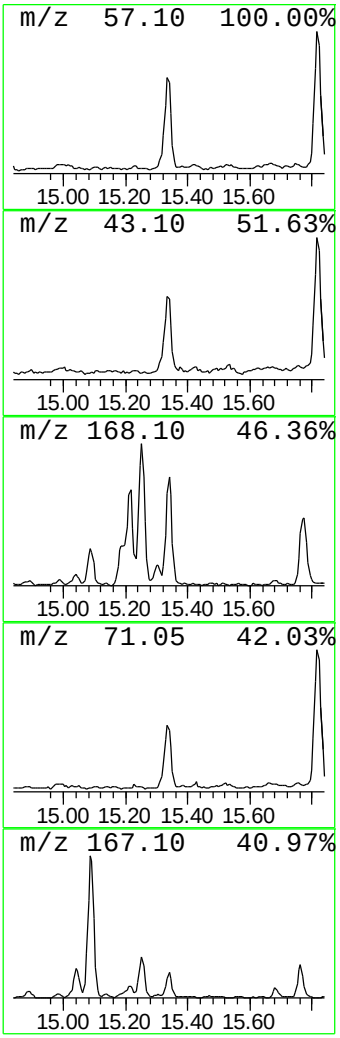
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	3.42 ng/ul	378958	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	38
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	30
3	Heneicosane	296	C21H44	000629-94-7	25
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	25
5	Octane, 2-methyl-	128	C9H20	003221-61-2	25





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Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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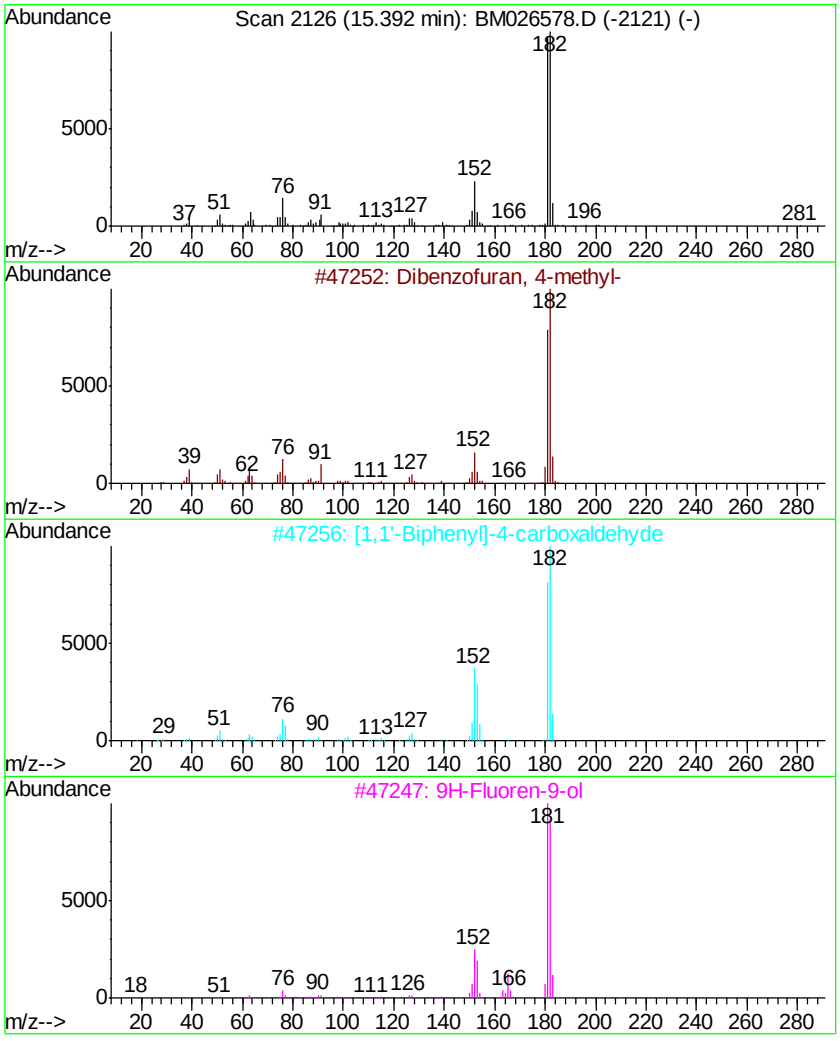
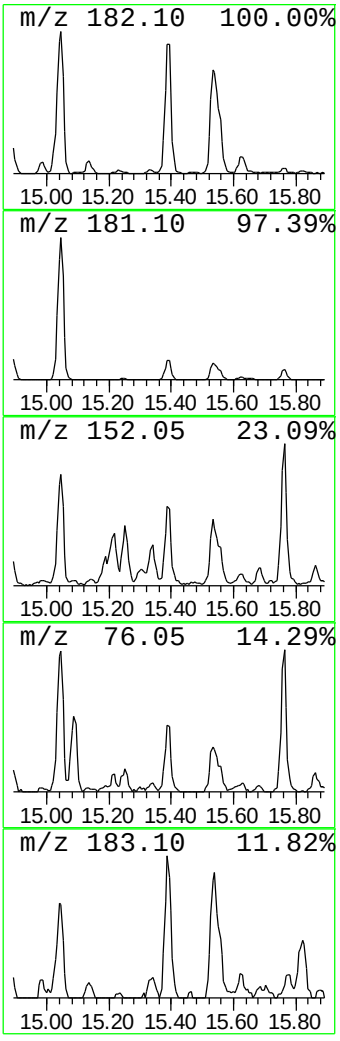
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.43 ng/ul	270054	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83





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Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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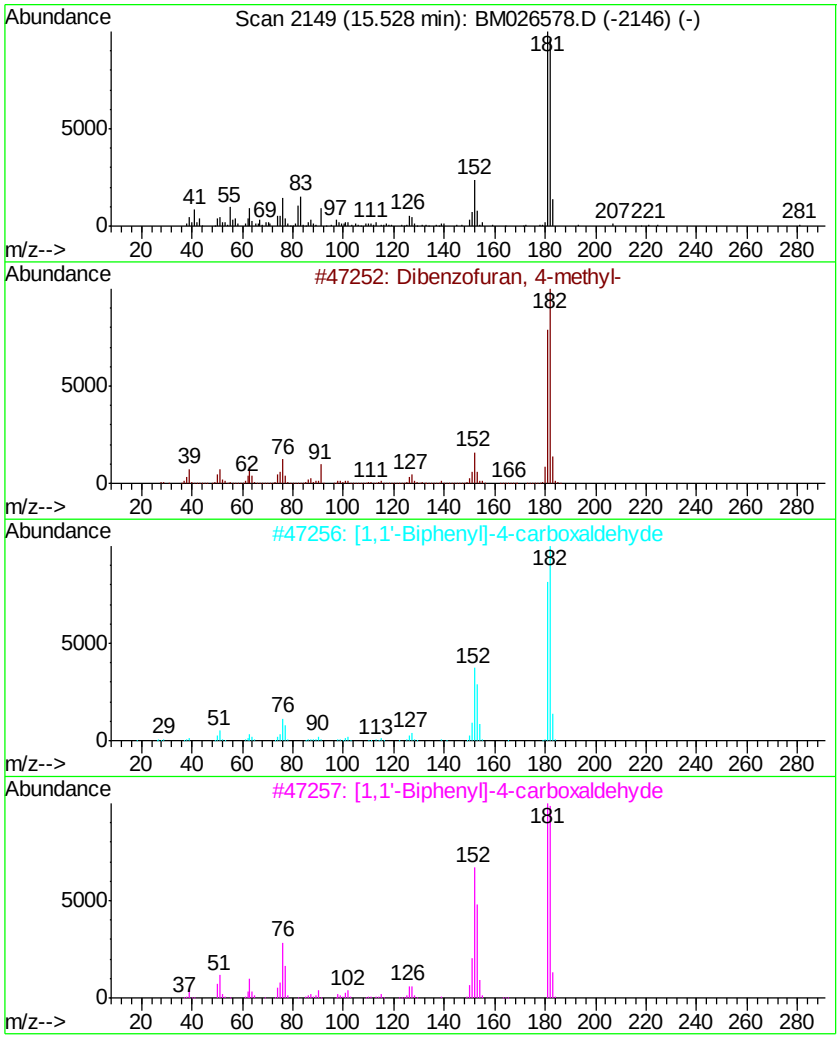
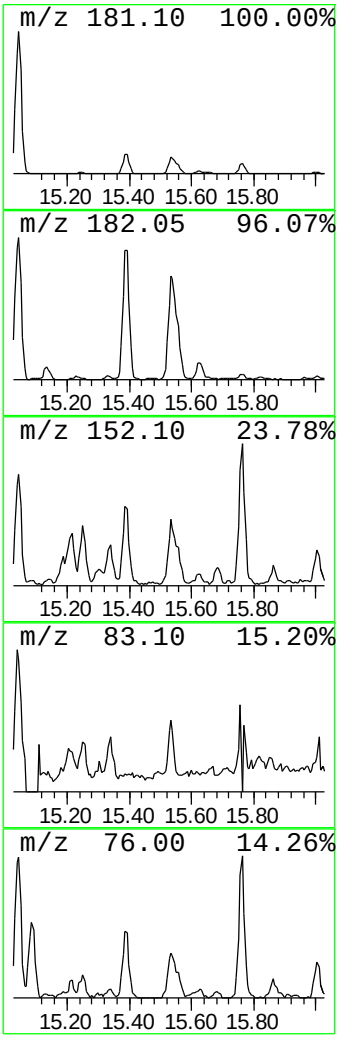
Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.10 ng/ul	329232	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Sample : L3064-07DL2 20X
Misc :
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Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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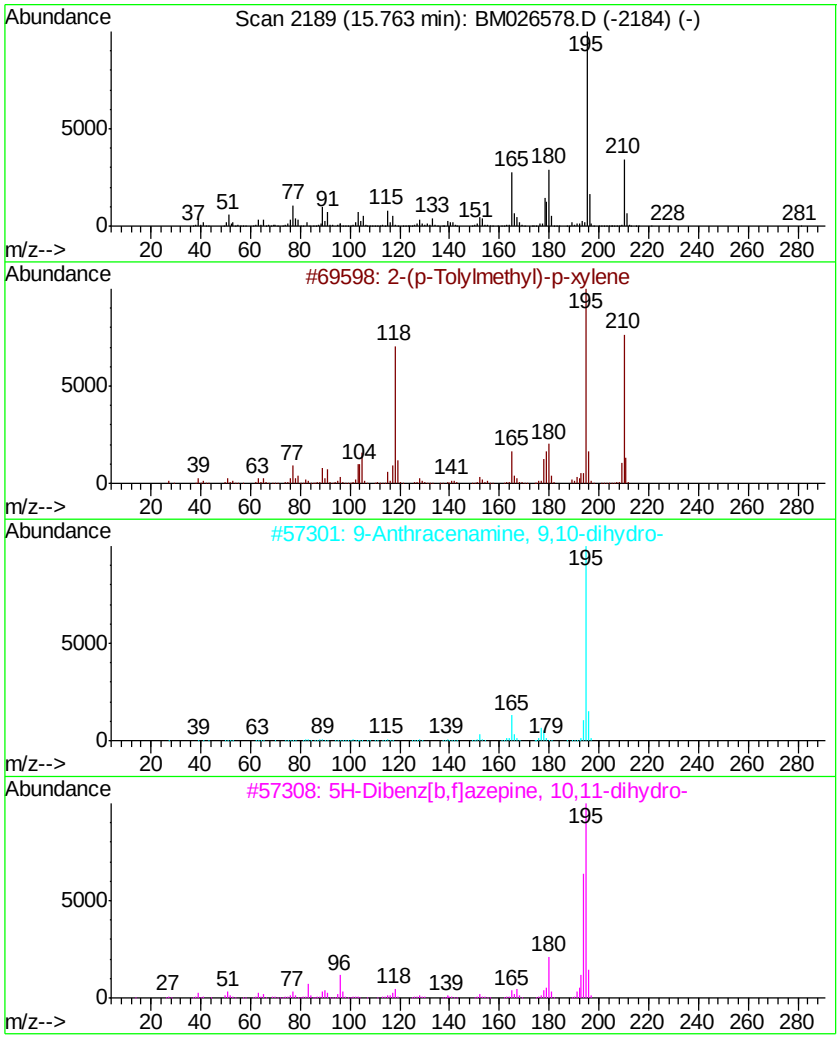
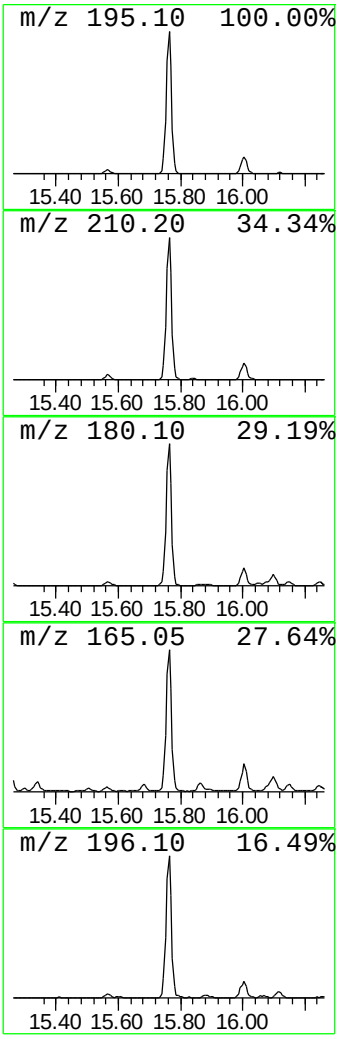
Peak Number 11 2-(p-Tolylmethyl)-p-xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	26.66 ng/ul	2142290	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	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
3	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	53
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	50
5	2-Methoxybenzyl alcohol, tert-bu...	252	C14H24O2Si	1000364-16-6	50





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Misc :
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ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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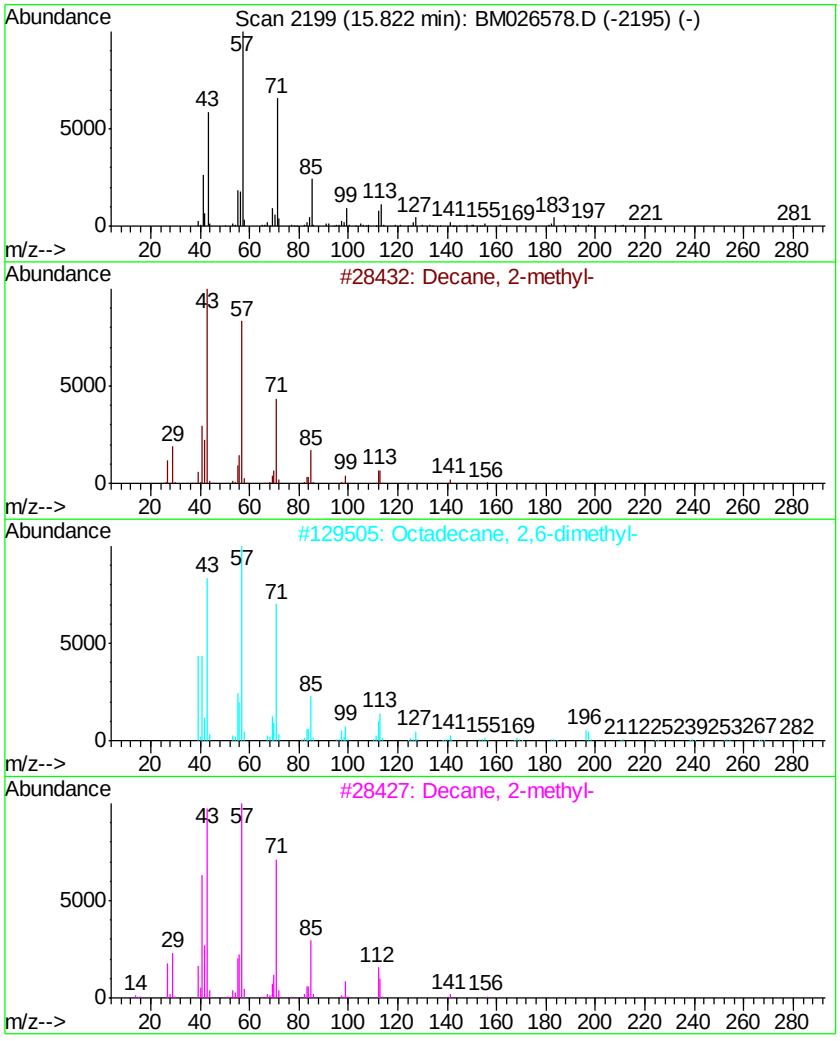
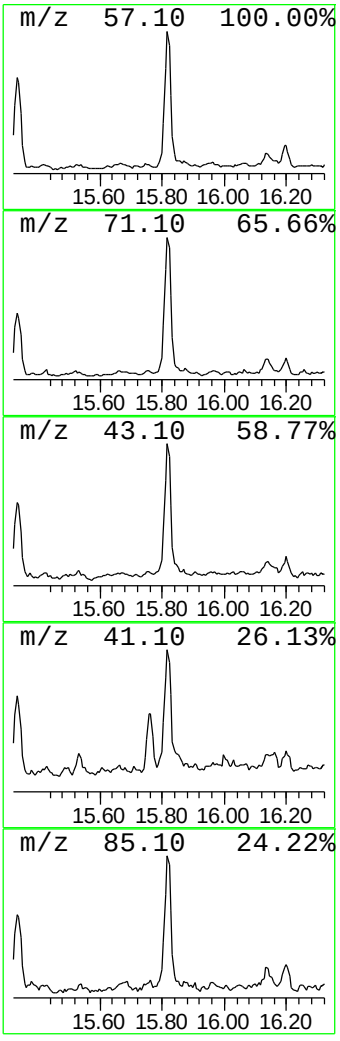
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.80 ng/ul	304979	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	91
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	86
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80





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Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

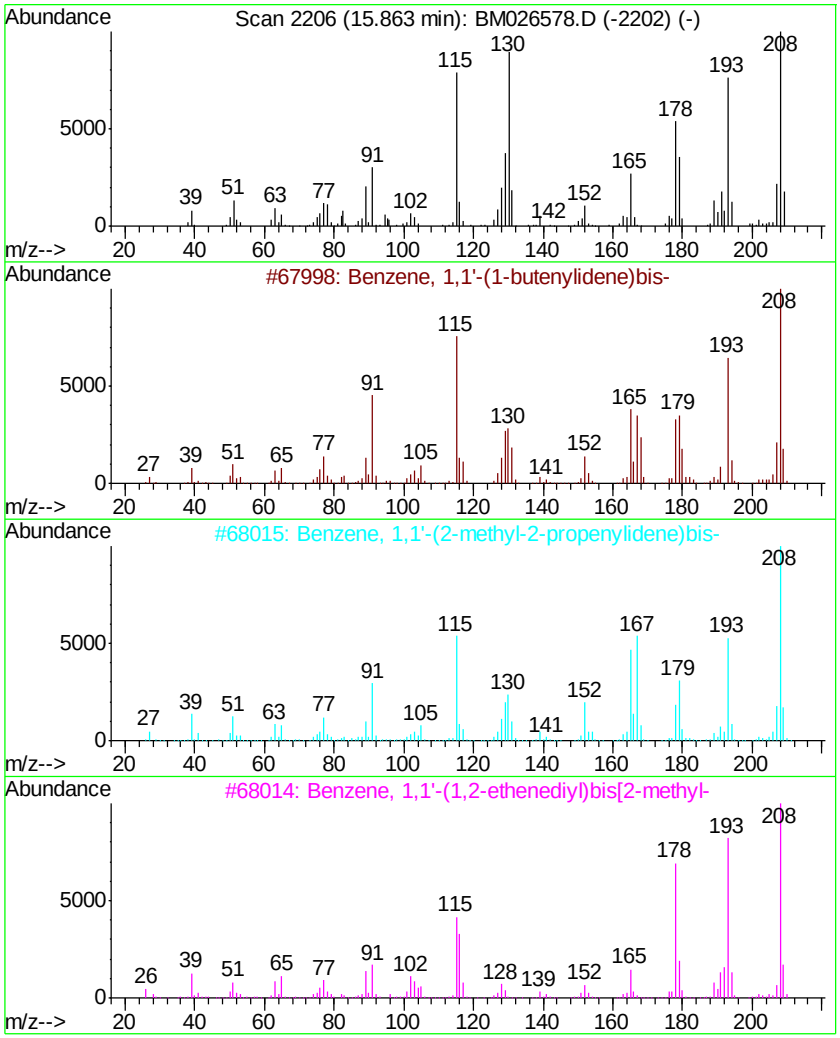
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

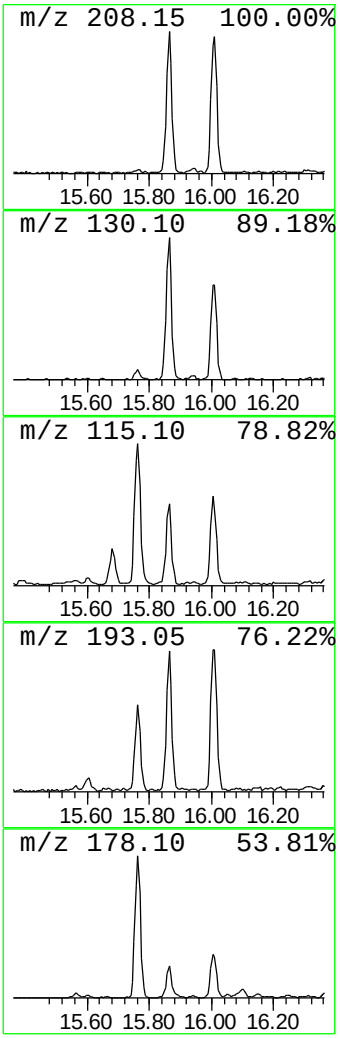
****

Peak Number 13 Benzene, 1,1'-(1-butenylide... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.46 ng/ul	278123	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	86
2	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	64
3	Benzene, 1,1'-(1,2-ethenediyl)bi...	208	C16H16	010311-74-7	60
4	Benzene, 1,1'-(2-methyl-1-propen...	208	C16H16	000781-33-9	58
5	Benzene, 1,1'-ethenylidenebis-[4...	208	C16H16	002919-20-2	50





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Sample : L3064-07DL2 20X
Misc :
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Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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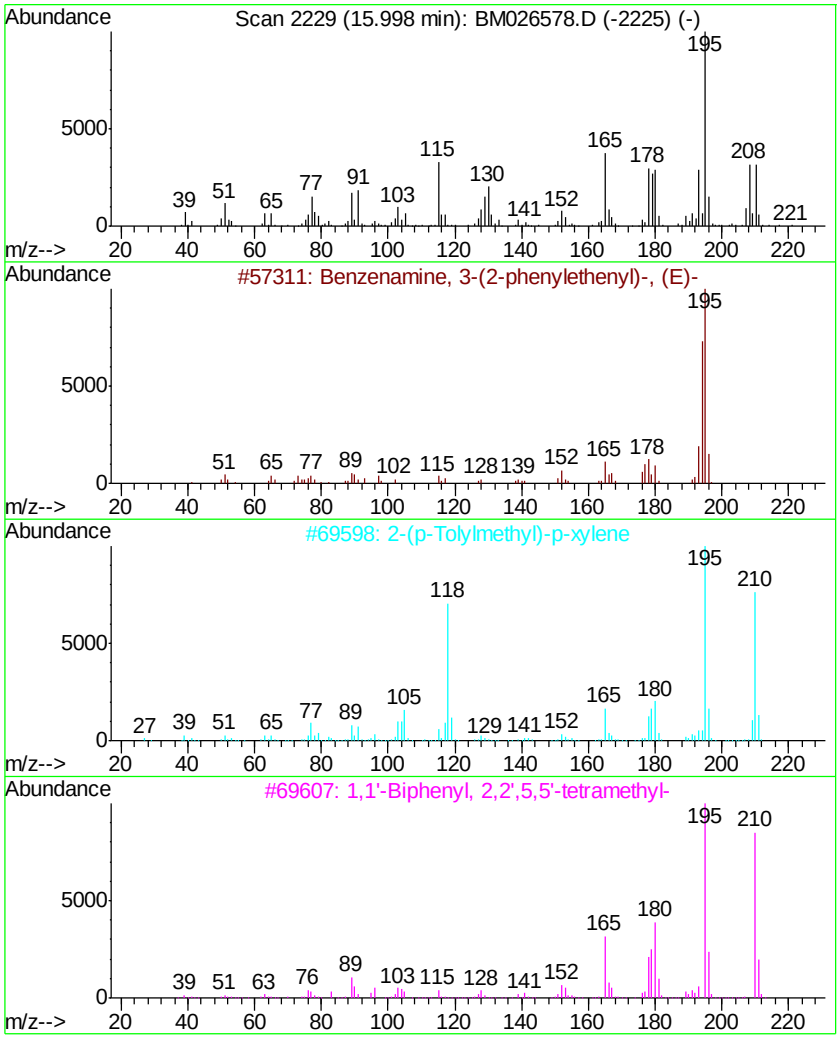
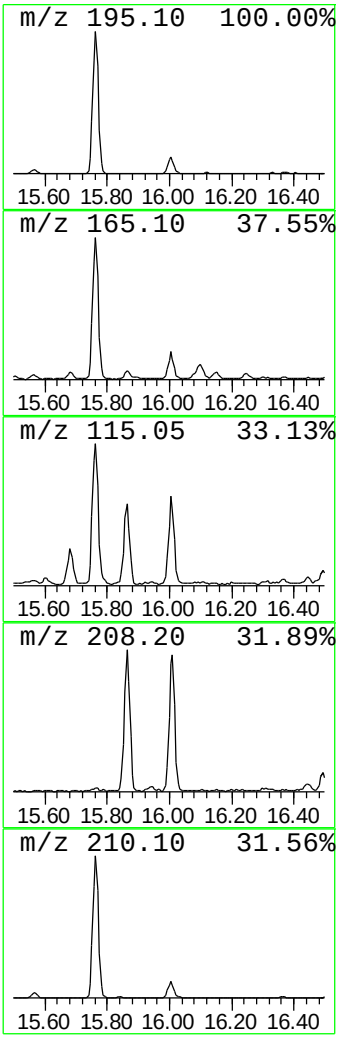
Peak Number 14 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	6.18 ng/ul	496770	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	49
2	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	49
3	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	46
4	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	42
5	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	41





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Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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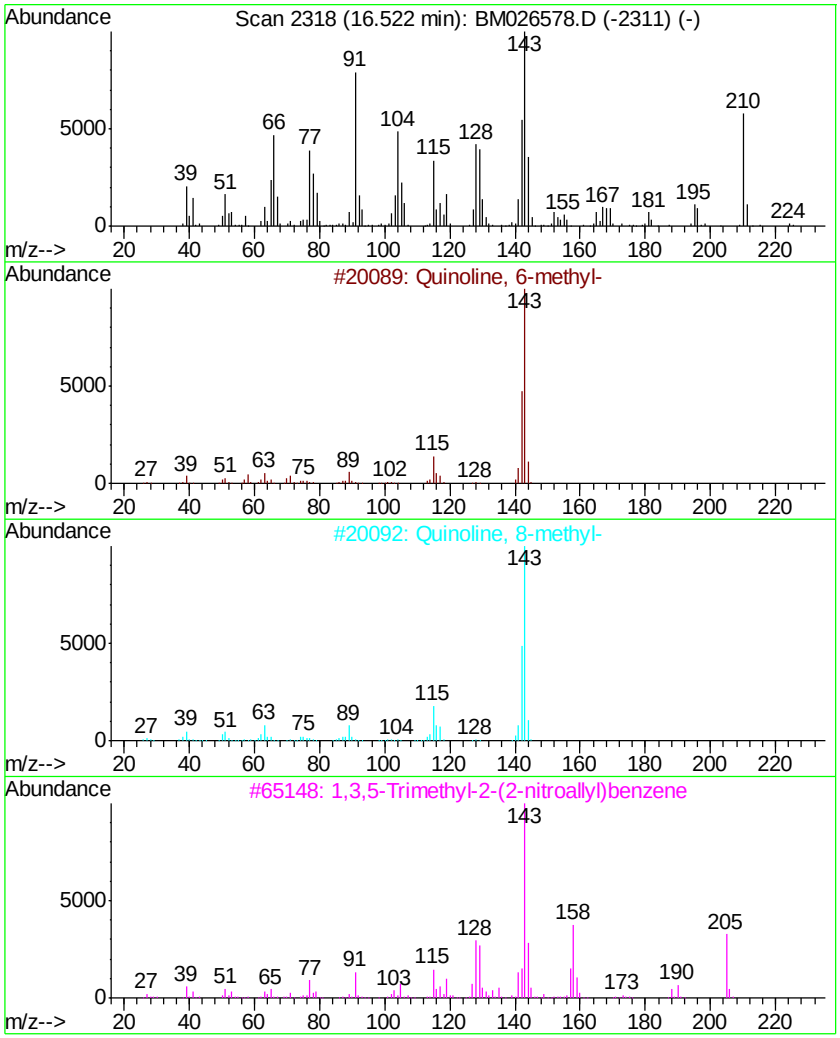
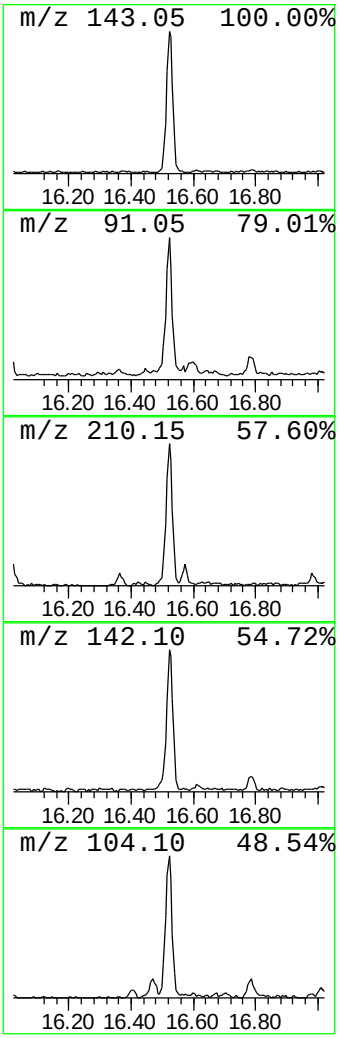
Peak Number 15 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.51 ng/ul	442428	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 6-methyl-	143	C10H9N	000091-62-3	15
2	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	15
3	1,3,5-Trimethyl-2-(2-nitroallyl)...	205	C12H15NO2	080255-26-1	12
4	1H-Indene, 3-butyl-1-methyl-	186	C14H18	111400-84-1	12
5	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	11





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ClientSampleId : ET161DL2

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Quant Title : SVOA CALIBRATION

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

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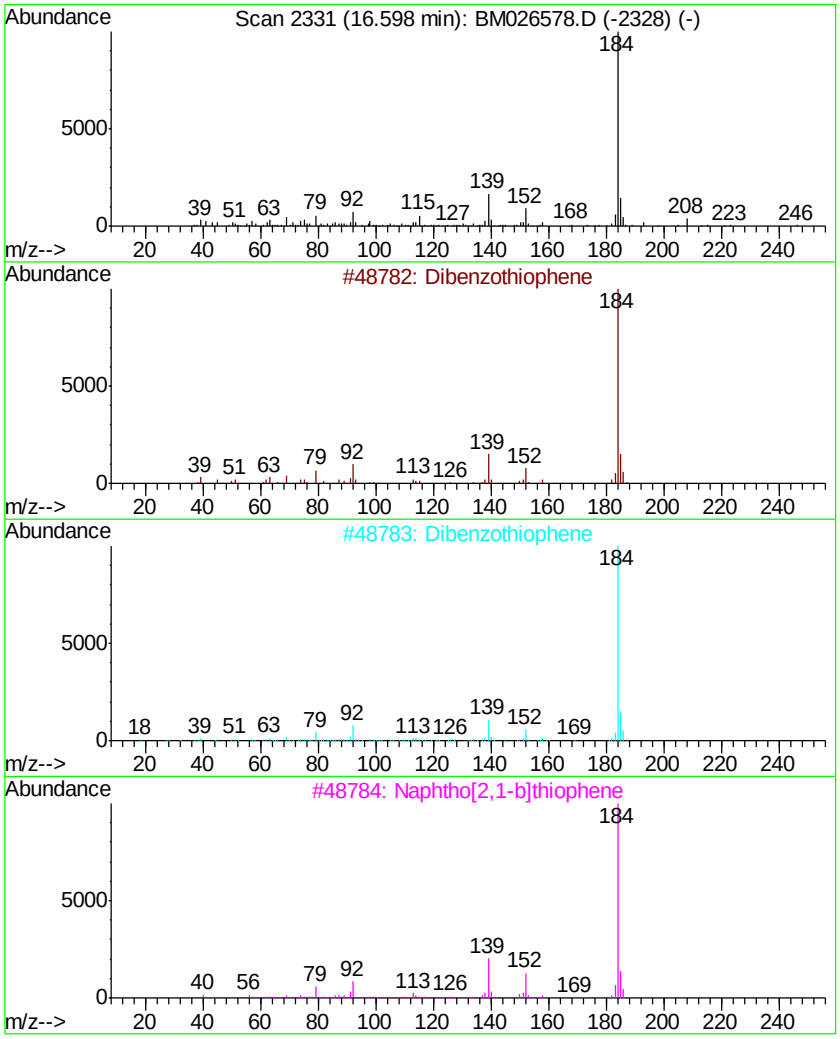
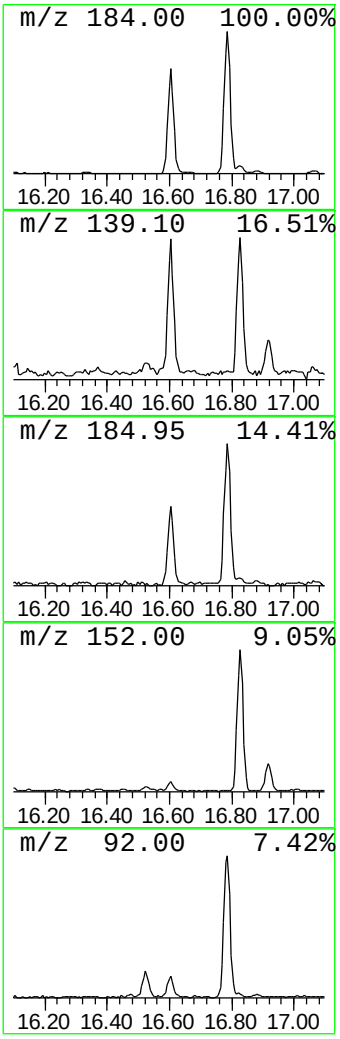
Peak Number 16 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.01 ng/ul	161242	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[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94





Library Search Compound Report

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Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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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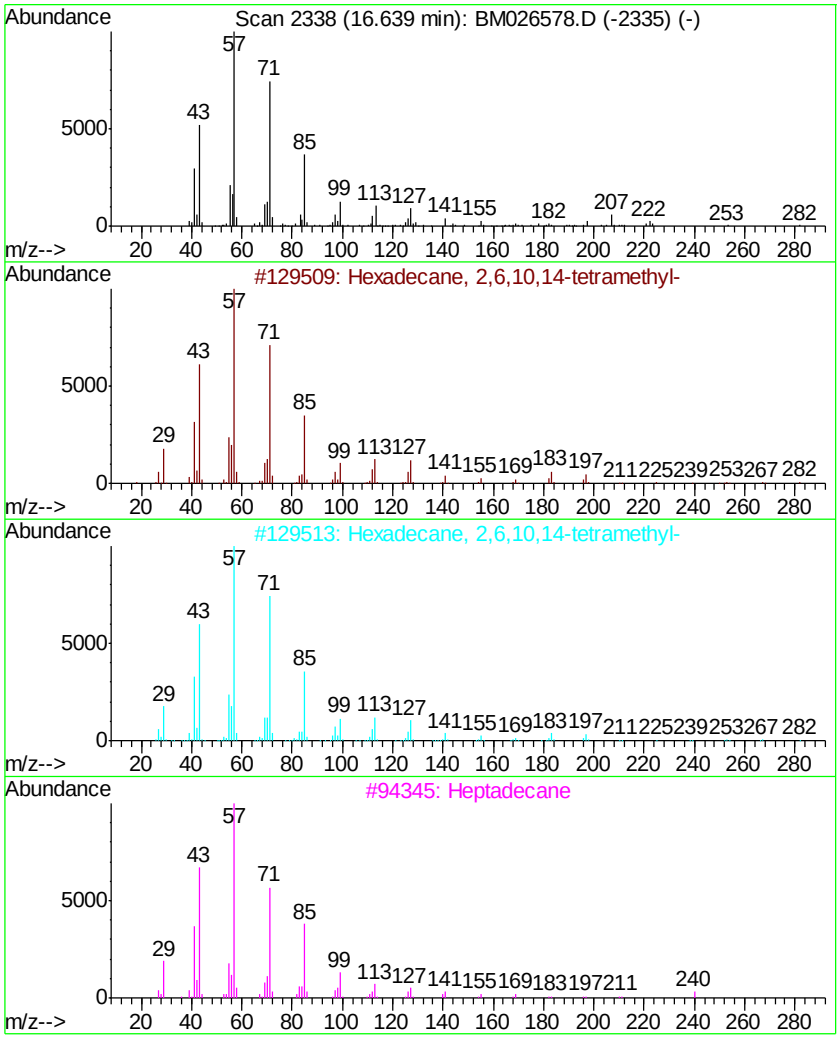
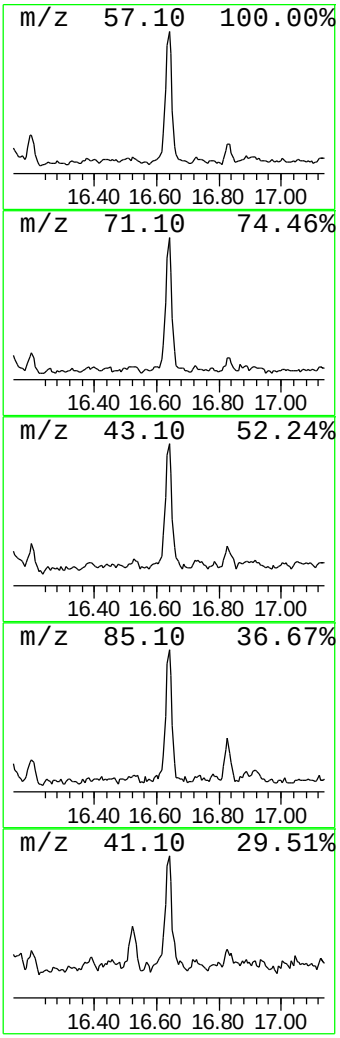
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.60 ng/ul	208909	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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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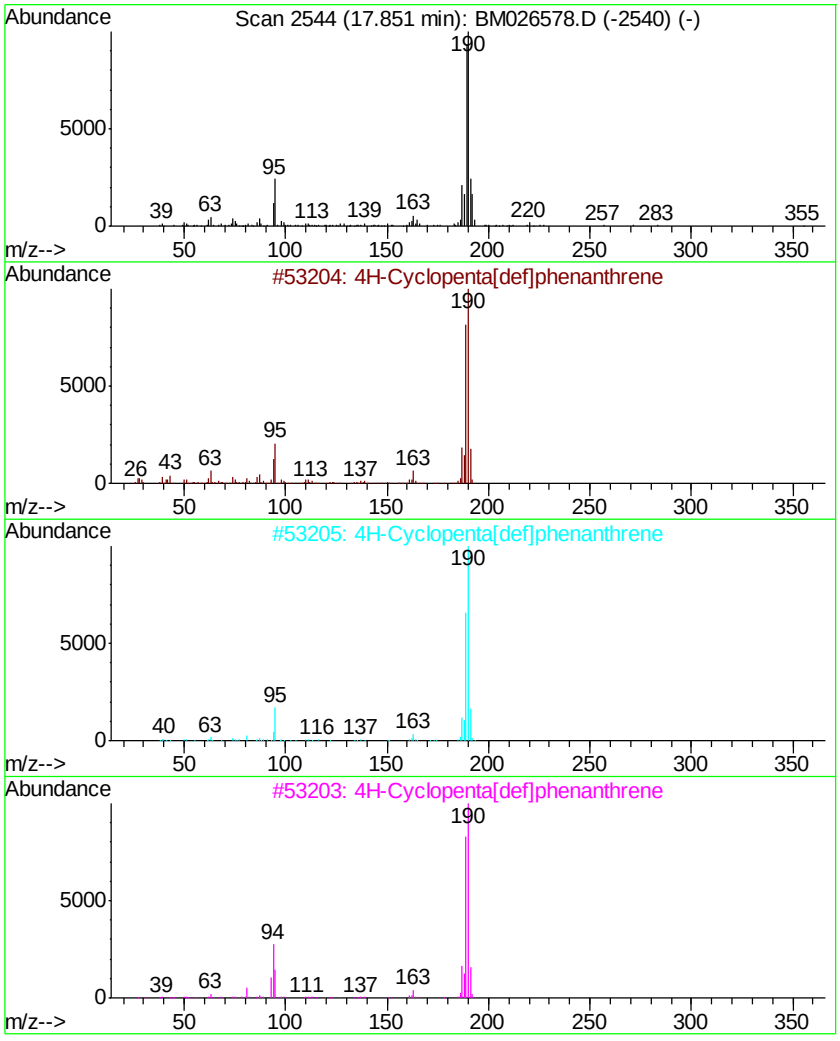
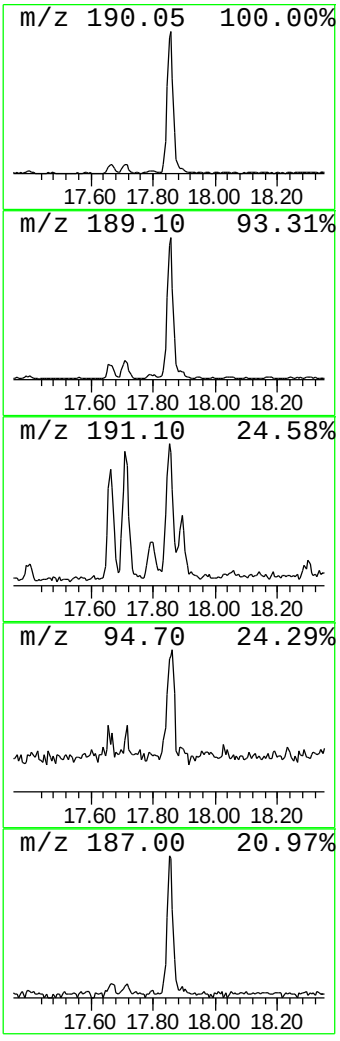
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	3.08 ng/ul	247701	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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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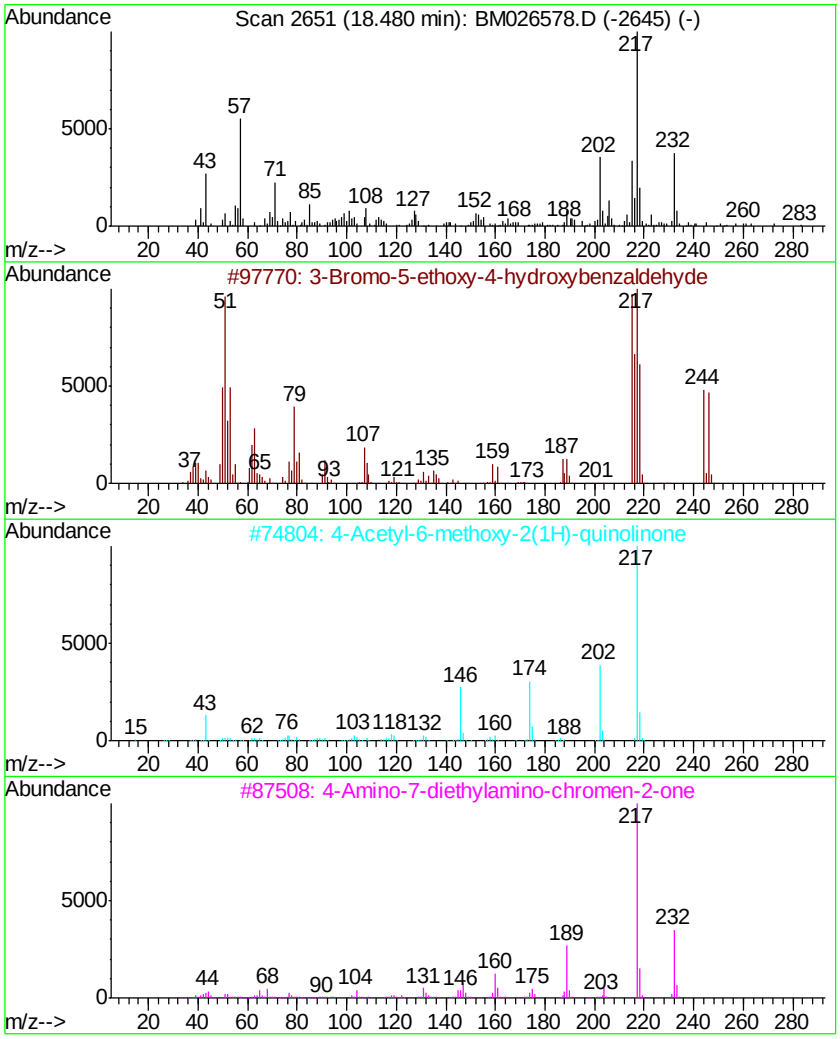
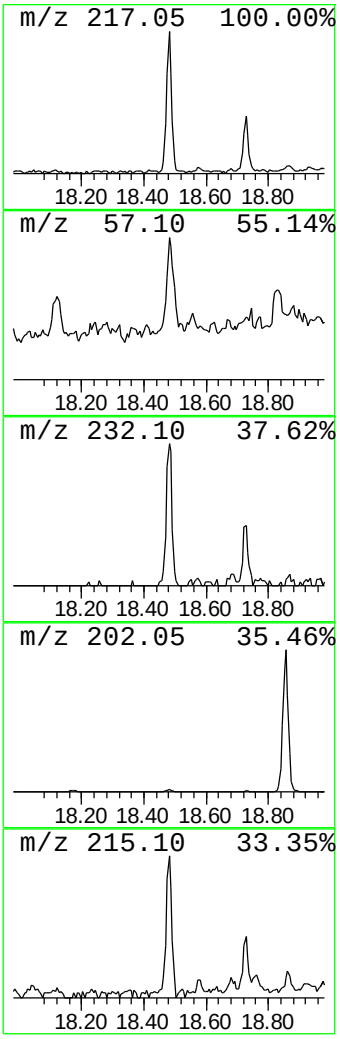
Peak Number 19 3-Bromo-5-ethoxy-4-hydroxyb... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.58 ng/ul	207387	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-5-ethoxy-4-hydroxybenzal...	244	C9H9BrO3	003111-37-3	56
2	4-Acetyl-6-methoxy-2(1H)-quinoli...	217	C12H11NO3	005046-48-0	46
3	4-Amino-7-diethylamino-chromen-2...	232	C13H16N2O2	107995-76-6	43
4	Ethanone, 1,1'-(6-methoxy-2,5-be...	232	C13H12O4	023840-15-5	43
5	15H-Cyclopenta[a]phenanthrene, 1...	260	C20H20	057325-68-5	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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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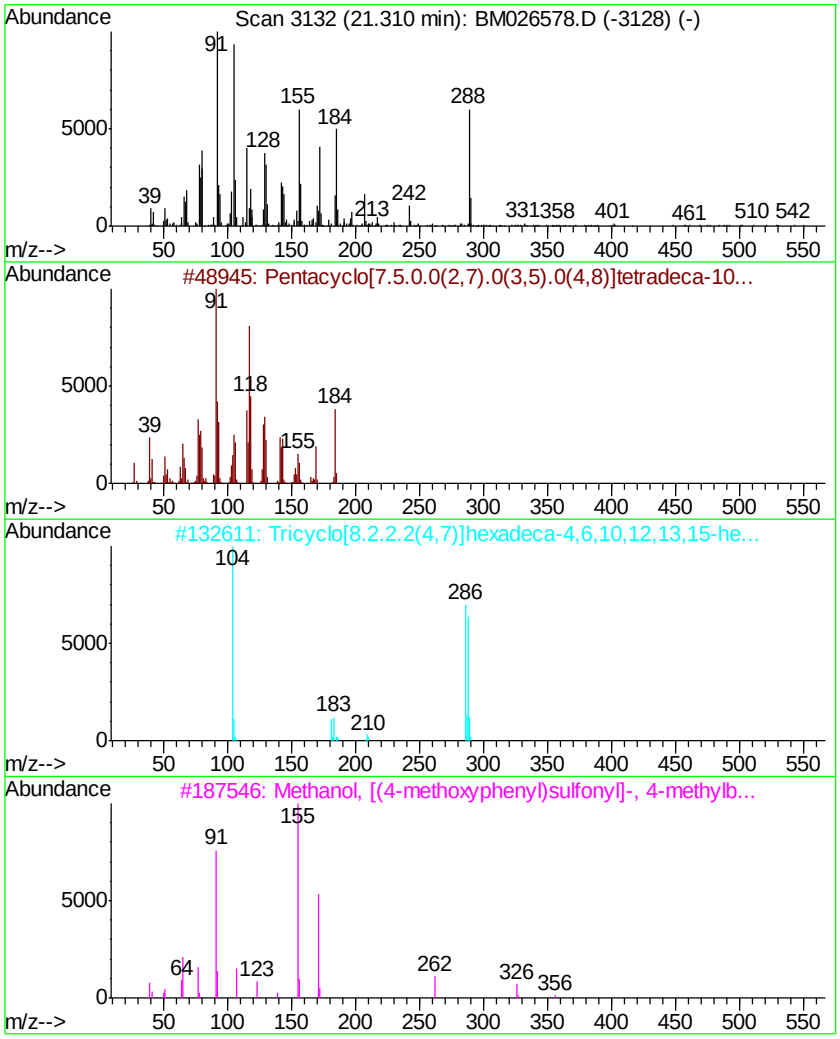
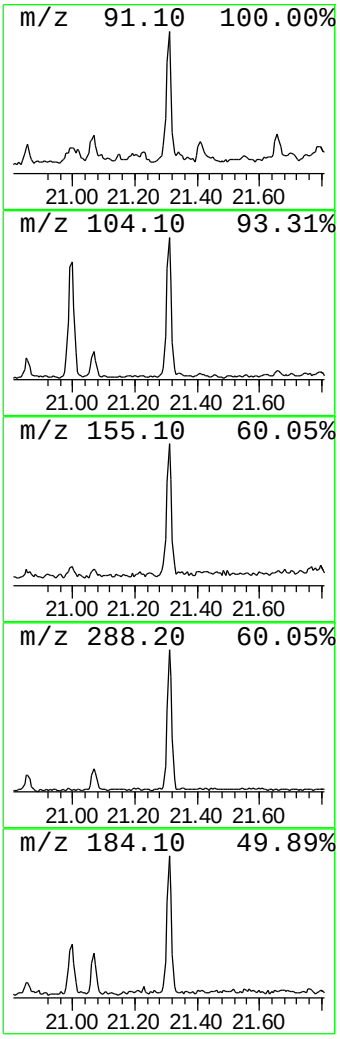
Peak Number 20 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.42 ng/ul	414342	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacyclo[7.5.0.0(2,7).0(3,5).0...	184	C14H16	088056-67-1	30
2	Tricyclo[8.2.2.2(4,7)]hexadeca-4...	286	C16H15Br	038274-86-1	27
3	Methanol, [(4-methoxyphenyl)sulf...	356	C15H16O6S2	031081-05-7	11
4	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	11
5	3-Phenylthiolane,S,S-dioxide	196	C10H12O2S	016766-64-6	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ET161DL2

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	5.9	ng/ul	173407	1	7.37	585087	20.0
Naphthalene, 1-me...	12.03	17.6	ng/ul	807005	2	10.13	914850	20.0
Naphthalene, 2-et...	13.05	2.4	ng/ul	263209	3	14.03	2219040	20.0
Naphthalene, 2,6-...	13.18	2.1	ng/ul	233779	3	14.03	2219040	20.0
Naphthalene, 1,3-...	13.35	3.1	ng/ul	348881	3	14.03	2219040	20.0
Methane, di-p-tolyl-	14.89	2.5	ng/ul	271856	3	14.03	2219040	20.0
Fluorene, 2,4a-di...	15.25	2.1	ng/ul	238082	3	14.03	2219040	20.0
(DEL) Alkane: Str...	15.34	3.4	ng/ul	378958	3	14.03	2219040	20.0
Dibenzofuran, 4-m...	15.39	2.4	ng/ul	270054	3	14.03	2219040	20.0
[1,1'-Biphenyl]-4...	15.53	4.1	ng/ul	329232	4	16.79	1606820	20.0
2-(p-Tolylmethyl)...	15.76	26.7	ng/ul	2142290	4	16.79	1606820	20.0
(DEL) Alkane: Str...	15.82	3.8	ng/ul	304979	4	16.79	1606820	20.0
Benzene, 1,1'-(1-...	15.86	3.5	ng/ul	278123	4	16.79	1606820	20.0
unknown-01	16.00	6.2	ng/ul	496770	4	16.79	1606820	20.0
unknown-02	16.52	5.5	ng/ul	442428	4	16.79	1606820	20.0
Dibenzothiophene	16.60	2.0	ng/ul	161242	4	16.79	1606820	20.0
(DEL) Alkane: Str...	16.64	2.6	ng/ul	208909	4	16.79	1606820	20.0
4H-Cyclopenta[def...	17.85	3.1	ng/ul	247701	4	16.79	1606820	20.0
3-Bromo-5-ethoxy-...	18.48	2.6	ng/ul	207387	4	16.79	1606820	20.0
unknown-03	21.31	3.4	ng/ul	414342	5	21.00	2420230	20.0