LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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_P\METHODS\SOM-EPA-BP032921MA.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	6.887	638	646	651	rVV3	5464	11740	0.33%	0.090%
2	6.940	652	655	661	rVB4	3237	5118	0.14%	0.039%
3	7.057	668	675	681	rBV	17196	30218	0.85%	0.233%
4	7.246	699	707	715	rBV2	21881	37654	1.06%	0.290%
5	7.357	722	726	733	rVB2	8025	13200	0.37%	0.102%
6	7.710	780	786	798	rBV	117733	193037	5.43%	1.488%
7	7.822	800	805	813	rVB3	3919	6286	0.18%	0.048%
8	8.081	840	849	858	rBV	72434	116097	3.27%	0.895%
9	8.246	871	877	885	rVB	105254	167737	4.72%	1.293%
10	8.422	901	907	917	rVB2	15544	27228	0.77%	0.210%
11	8.875	977	984	992	rBV2	23467	42758	1.20%	0.329%
12	9.063	1010	1016	1025	rBV2	7830	13856	0.39%	0.107%
13	9.187	1029	1037	1044	rBV	18603	37885	1.07%	0.292%
14	9.251	1044	1048	1055	rVB3	4599	7637	0.21%	0.059%
15	9.593	1099	1106	1112	rBV2	19570	33838	0.95%	0.261%
16	9.751	1130	1133	1138	rVB4	3829	5665	0.16%	0.044%
17	9.898	1152	1158	1169	rBV6	7927	20889	0.59%	0.161%
18	9.998	1171	1175	1180	rVV7	3577	6647	0.19%	0.051%
19	10.128	1191	1197	1211	rBV2	28415	50760	1.43%	0.391%
20	10.504	1253	1261	1264	rBV	166094	281871	7.93%	2.172%
21	10.557	1264	1270	1281	rVV	2149058	3555685	100.00%	27.400%
22	10.669	1283	1289	1300	rVB	88181	151771	4.27%	1.170%
23	12.063	1520	1526	1531	rBV3	8411	13724	0.39%	0.106%
24	12.175	1538	1545	1552	rBV	145664	236977	6.66%	1.826%
25	12.292	1558	1565	1571	rBV2	5866	10718	0.30%	0.083%
26	12.392	1571	1582	1592	rVB	134508	220188	6.19%	1.697%
27	12.828	1650	1656	1664	rBV3	5702	9246	0.26%	0.071%
28	13.192	1712	1718	1725	rBV	85226	126509	3.56%	0.975%
29	13.392	1746	1752	1762	rVB2	26966	52925	1.49%	0.408%
30	13.522	1764	1774	1776	rBV3	23347	39361	1.11%	0.303%
31	13.681	1795	1801	1807	rBV	41709	70986	2.00%	0.547%
32	13.739	1807	1811	1813	rVV2	9508	13479	0.38%	0.104%
33	13.781	1813	1818	1823	rVV	67312	97535	2.74%	0.752%
34	13.922	1836	1842	1846	rBV	13909	23845	0.67%	0.184%

LSC Area Percent Report

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Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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_P\METHODS\SOM-EPA-BP032921MA.M
Title : SVOA CALIBRATION

35	13.951	1846	1847	1853	rVB4	6078	6758	0.19%	0.052%
36	14.057	1856	1865	1879	rVB	71108	123927	3.49%	0.955%
37	14.369	1908	1918	1923	rBV	262631	433359	12.19%	3.339%
38	14.434	1923	1929	1936	rVV	623687	910144	25.60%	7.014%
39	14.498	1936	1940	1947	rVV	87022	127346	3.58%	0.981%
40	14.581	1947	1954	1962	rVV10	4937	15530	0.44%	0.120%
41	14.681	1964	1971	1975	rVV	16458	25553	0.72%	0.197%
42	14.769	1979	1986	1995	rVV	394765	606850	17.07%	4.676%
43	14.845	1995	1999	2009	rVB6	9291	18512	0.52%	0.143%
44	14.986	2017	2023	2029	rVB4	4668	9405	0.26%	0.072%
45	15.045	2029	2033	2038	rBV5	4093	6454	0.18%	0.050%
46	15.163	2045	2053	2056	rVV6	3963	7323	0.21%	0.056%
47	15.363	2081	2087	2092	rVV	100743	145918	4.10%	1.124%
48	15.422	2092	2097	2103	rVV	197913	271641	7.64%	2.093%
49	15.486	2103	2108	2115	rVV2	29073	56610	1.59%	0.436%
50	15.545	2115	2118	2121	rVV2	20928	30040	0.84%	0.231%
51	15.581	2121	2124	2129	rVV3	29863	45389	1.28%	0.350%
52	15.633	2129	2133	2136	rVV4	7851	13630	0.38%	0.105%
53	15.675	2136	2140	2143	rVV2	15588	24010	0.68%	0.185%
54	15.716	2143	2147	2154	rVB	40439	56887	1.60%	0.438%
55	15.822	2161	2165	2168	rBV4	5683	7420	0.21%	0.057%
56	15.863	2168	2172	2181	rVV	39756	77460	2.18%	0.597%
57	15.951	2181	2187	2193	rVB5	6705	12840	0.36%	0.099%
58	16.098	2206	2212	2223	rVB	80107	121375	3.41%	0.935%
59	16.222	2226	2233	2239	rBV6	8251	14391	0.40%	0.111%
60	16.281	2239	2243	2246	rBV4	3417	5531	0.16%	0.043%
61	16.392	2256	2262	2266	rBV5	10849	24825	0.70%	0.191%
62	16.428	2266	2268	2274	rVV2	11716	15050	0.42%	0.116%
63	16.475	2274	2276	2283	rVB7	3320	4821	0.14%	0.037%
64	16.575	2288	2293	2298	rBV4	6108	9270	0.26%	0.071%
65	16.780	2317	2328	2335	rVB3	12580	25834	0.73%	0.199%
66	16.880	2337	2345	2347	rBV8	4612	11522	0.32%	0.089%
67	16.910	2347	2350	2351	rVV3	6828	7866	0.22%	0.061%
68	16.945	2351	2356	2362	rVB	53169	77748	2.19%	0.599%
69	17.033	2367	2371	2376	rVV7	3333	5039	0.14%	0.039%
70	17.086	2376	2380	2381	rVV4	7752	8501	0.24%	0.066%
71	17.128	2381	2387	2390	rVV	341955	499061	14.04%	3.846%

LSC Area Percent Report

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Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Title : SVOA CALIBRATION

72	17.169	2390	2394	2399	rVV	600918	799062	22.47%	6.158%
73	17.222	2399	2403	2408	rVV	118144	186871	5.26%	1.440%
74	17.257	2408	2409	2416	rVV2	19604	21564	0.61%	0.166%
75	17.328	2416	2421	2425	rVB7	3460	5909	0.17%	0.046%
76	17.498	2446	2450	2451	rBV2	7446	8109	0.23%	0.062%
77	17.533	2451	2456	2461	rVV	151452	205211	5.77%	1.581%
78	17.639	2467	2474	2479	rBV6	10039	26158	0.74%	0.202%
79	17.692	2479	2483	2488	rVB	25382	35388	1.00%	0.273%
80	17.963	2525	2529	2532	rBV3	12645	20316	0.57%	0.157%
81	17.998	2532	2535	2538	rVV2	16678	23107	0.65%	0.178%
82	18.045	2538	2543	2551	rVB	46974	70757	1.99%	0.545%
83	18.122	2551	2556	2561	rVB3	11110	15304	0.43%	0.118%
84	18.186	2561	2567	2572	rBV	44915	66693	1.88%	0.514%
85	18.275	2577	2582	2584	rBV3	5746	9454	0.27%	0.073%
86	18.339	2589	2593	2595	rVV	8493	9967	0.28%	0.077%
87	18.380	2595	2600	2602	rVV5	4033	6334	0.18%	0.049%
88	18.427	2604	2608	2614	rVV4	10636	16850	0.47%	0.130%
89	18.486	2614	2618	2621	rVV3	11812	15944	0.45%	0.123%
90	18.522	2621	2624	2630	rVV8	6408	9928	0.28%	0.077%
91	18.974	2697	2701	2706	rBV4	5144	8713	0.25%	0.067%
92	19.027	2707	2710	2716	rVB6	4246	7190	0.20%	0.055%
93	19.145	2725	2730	2737	rVB	105138	130493	3.67%	1.006%
94	19.469	2780	2785	2788	rBV	145567	201109	5.66%	1.550%
95	19.498	2788	2790	2798	rVB	52542	65125	1.83%	0.502%
96	19.869	2847	2853	2857	rBV4	11728	19207	0.54%	0.148%
97	19.927	2859	2863	2870	rVV2	14666	23967	0.67%	0.185%
98	21.221	3077	3083	3088	rBV	457873	584398	16.44%	4.503%
99	23.357	3440	3446	3459	rVB2	92823	226591	6.37%	1.746%
100	23.504	3464	3471	3479	rVB2	296437	560333	15.76%	4.318%

Sum of corrected areas: 12976962

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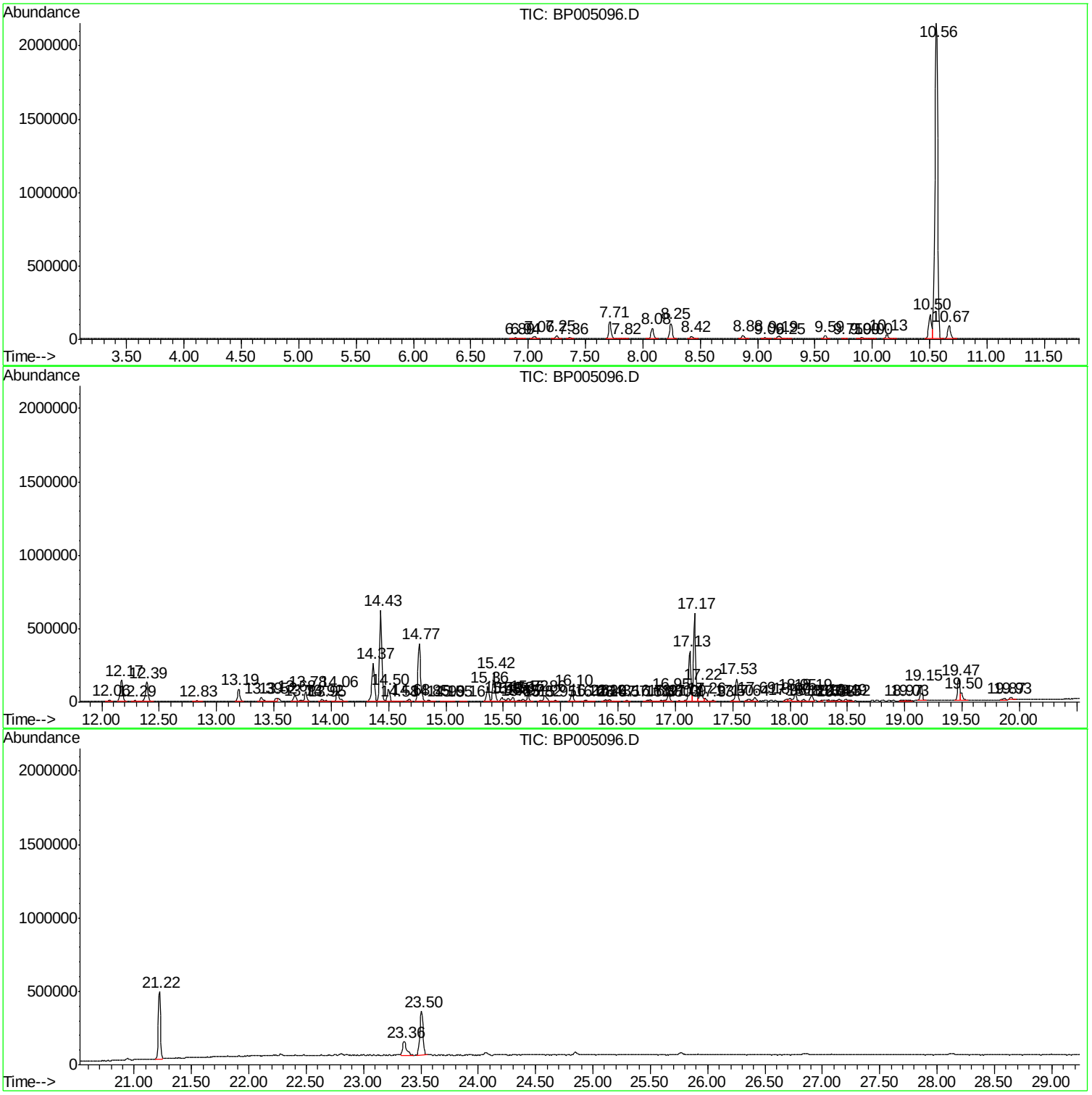
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.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 P\DATA\BP032921\
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Acq On : 30 Mar 2021 09:41
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Sample : M1800-06DL 5X
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Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

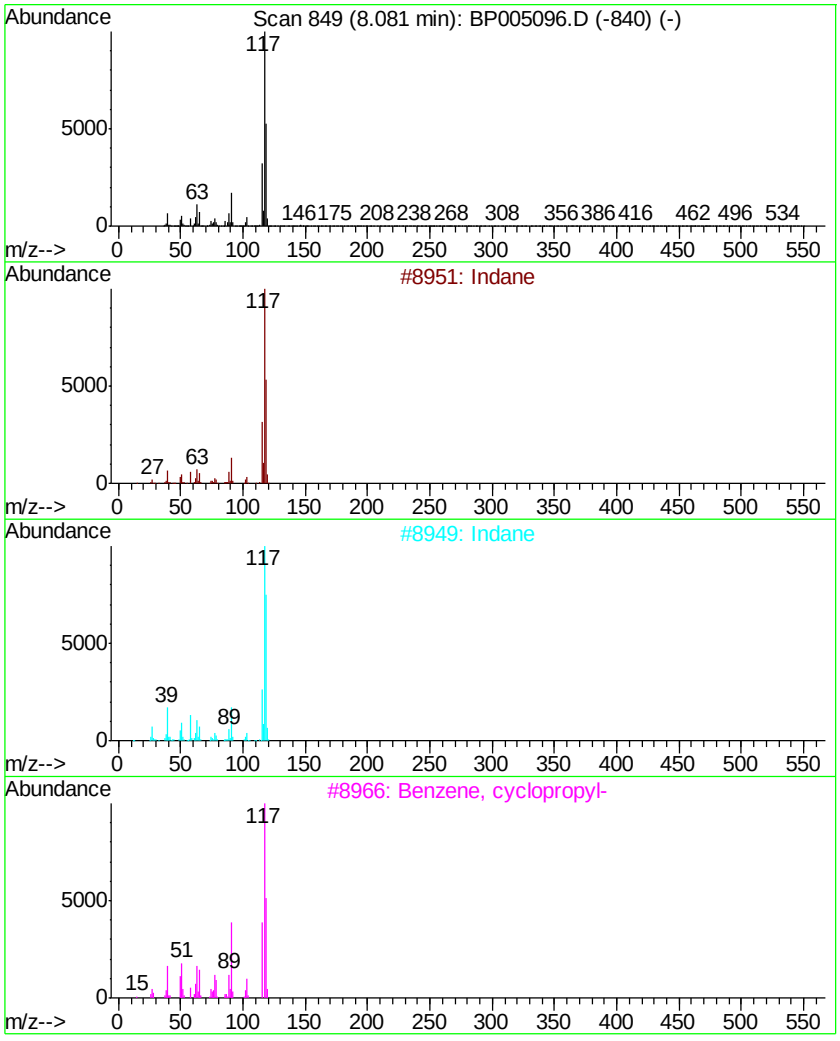
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

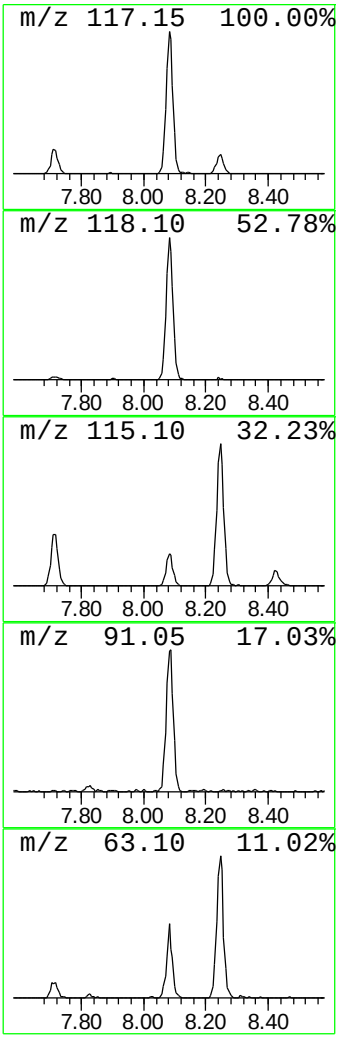
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	12.03 ng/ul	116097	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

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

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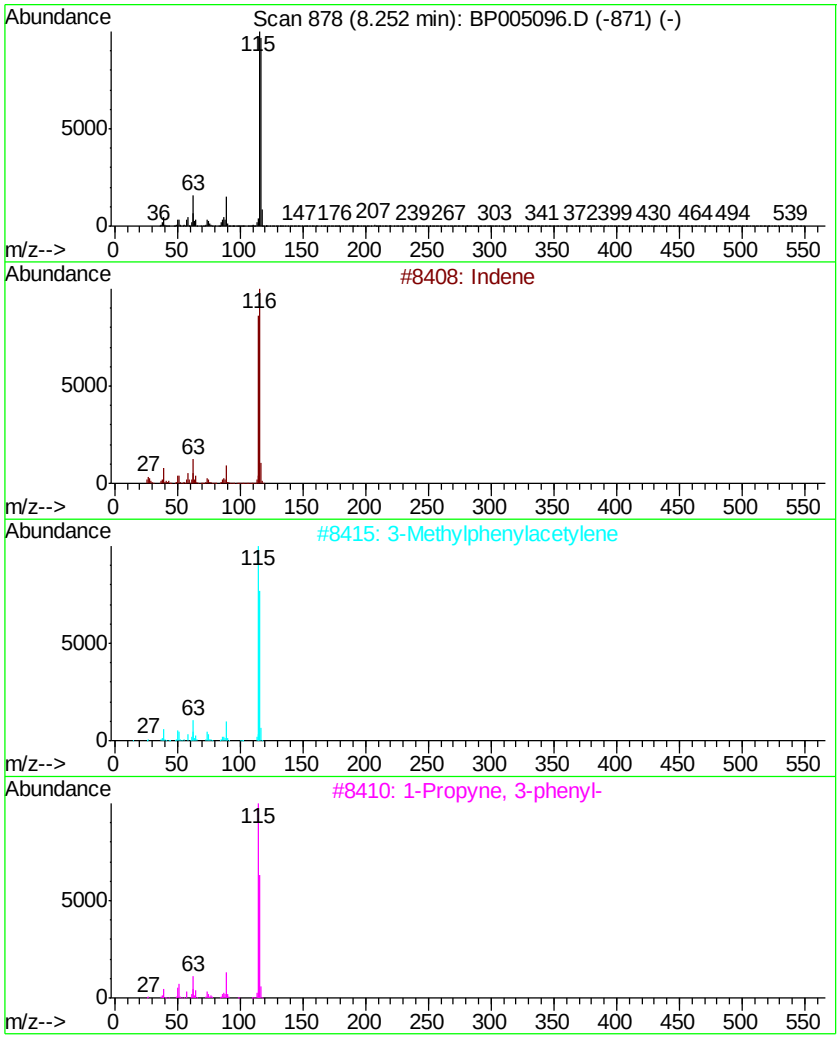
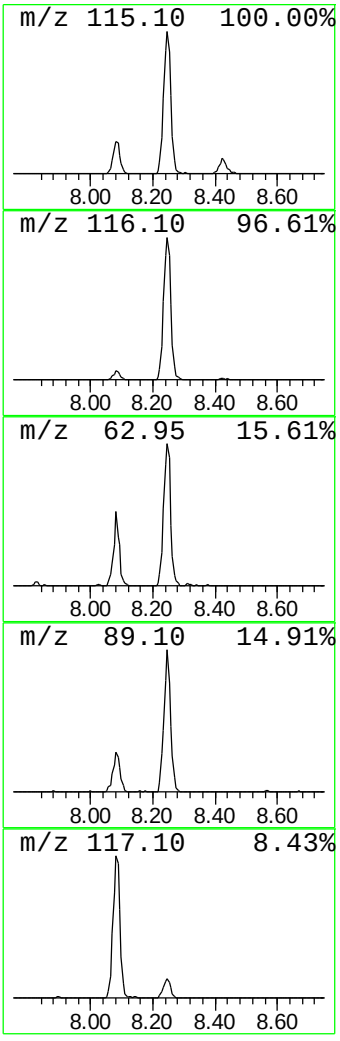
Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	17.38 ng/ul	167737	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

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

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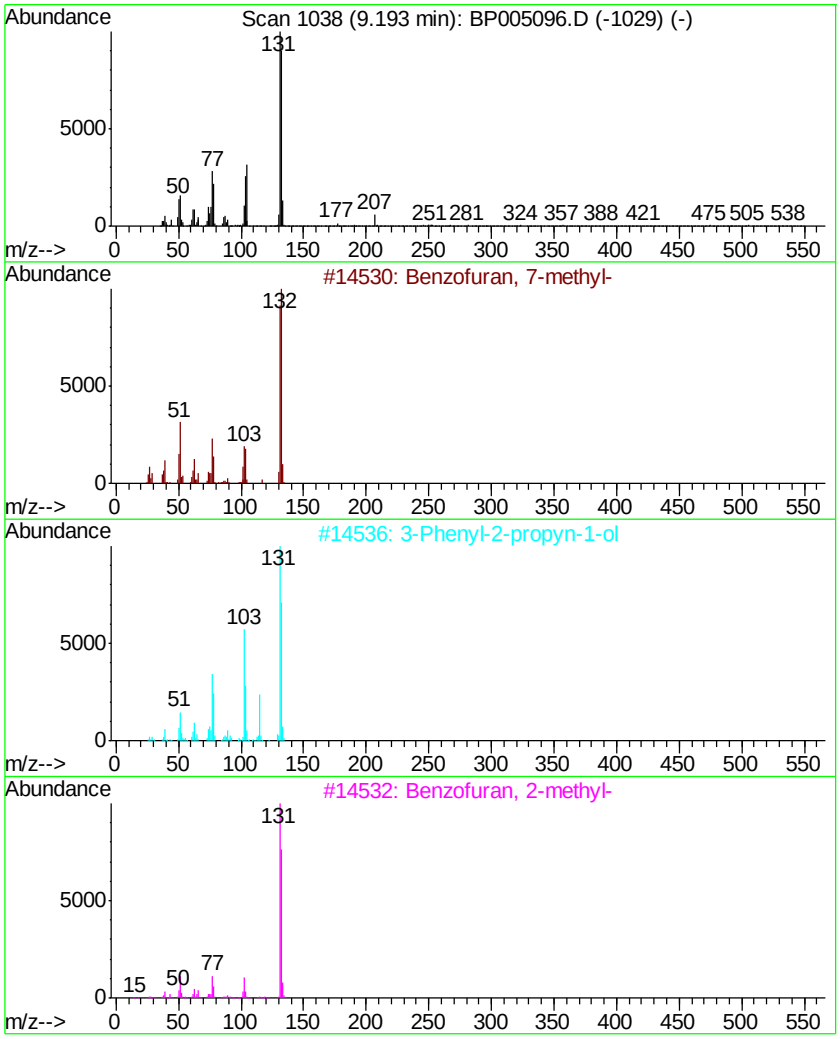
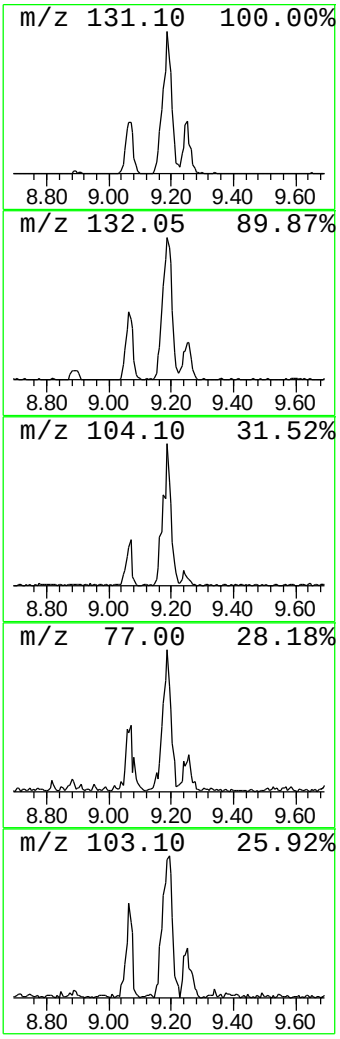
Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.69 ng/ul	37885	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	80
4	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	80
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	80





Library Search Compound Report

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Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

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

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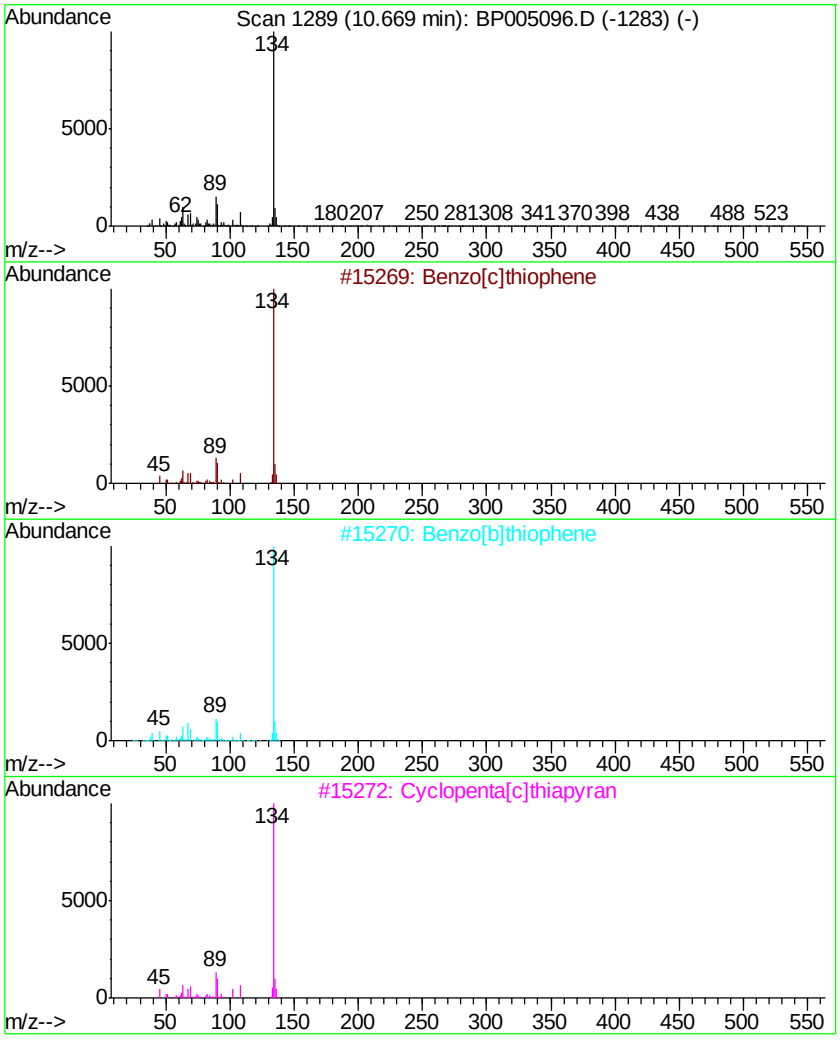
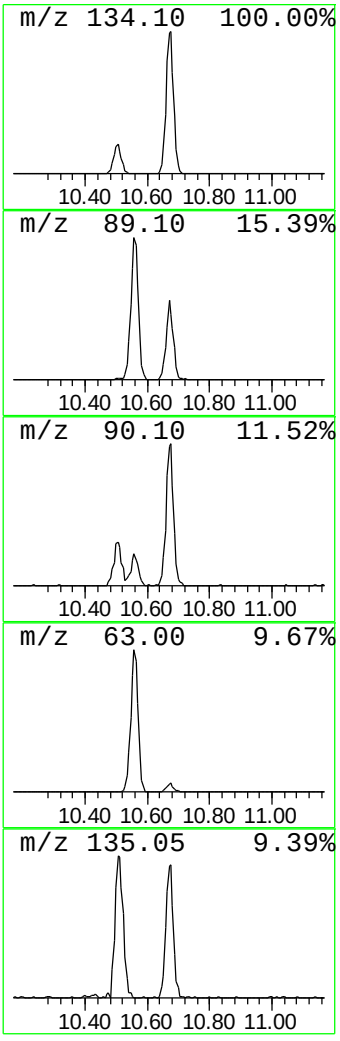
Peak Number 4 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	10.77 ng/ul	151771	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

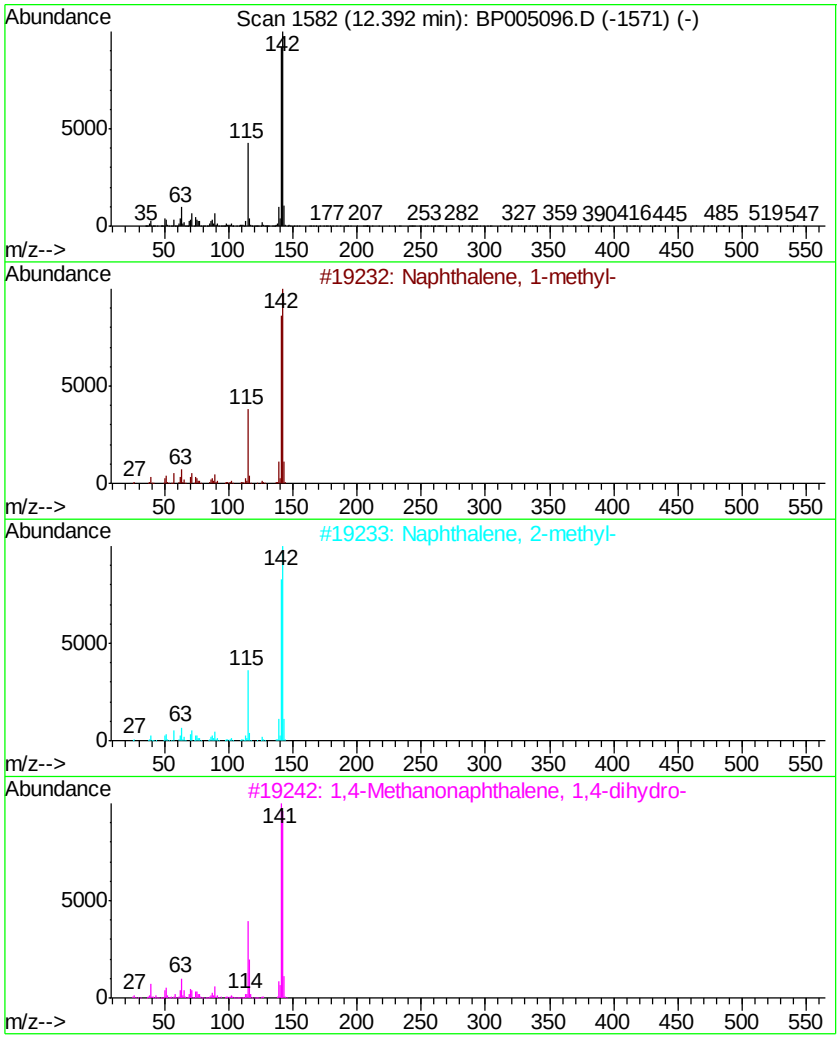
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

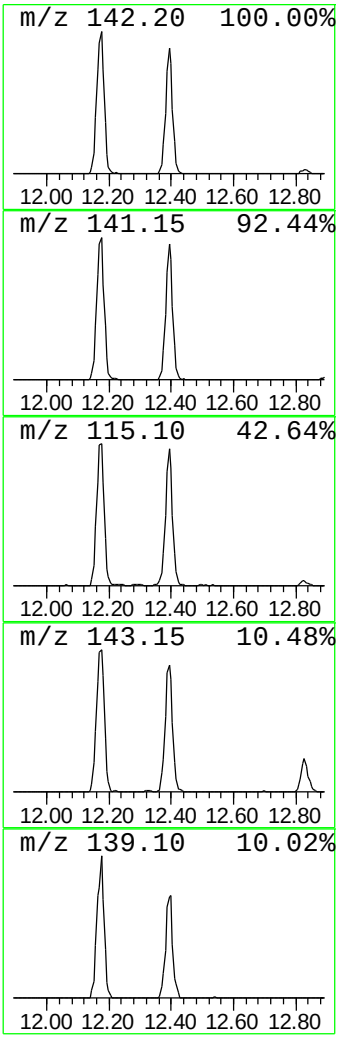
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	15.62 ng/ul	220188	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Library Search Compound Report

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Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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Quant Title : SVOA CALIBRATION

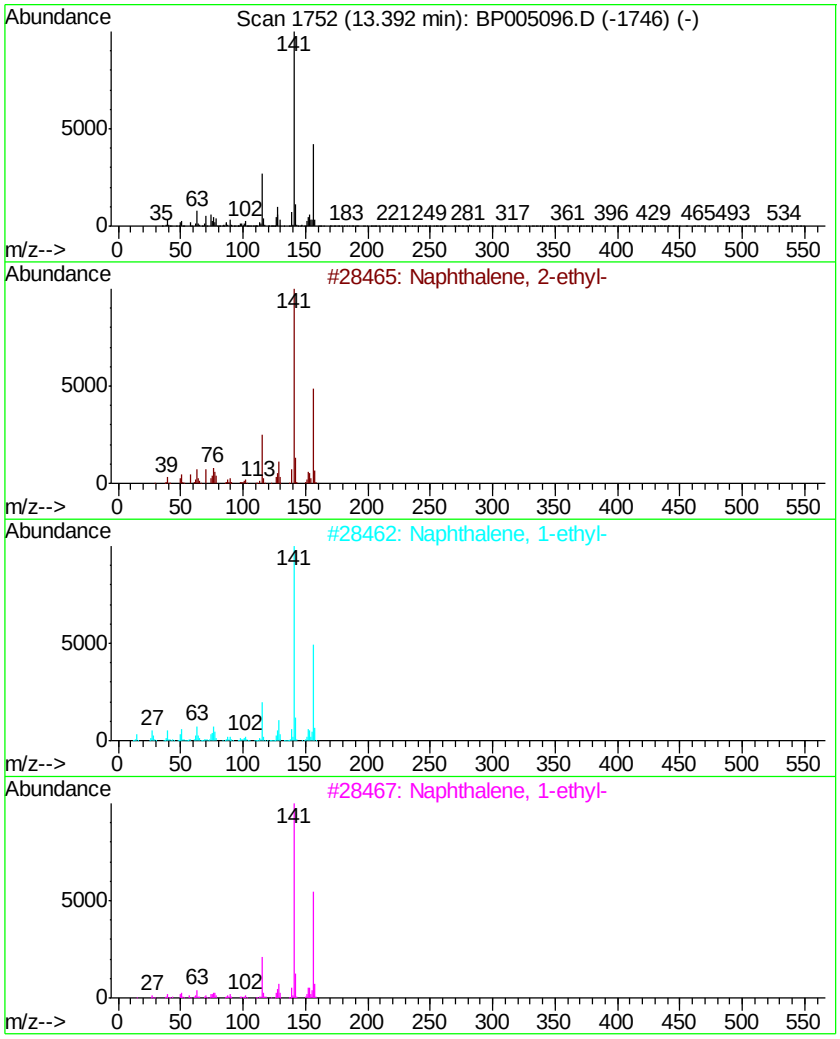
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

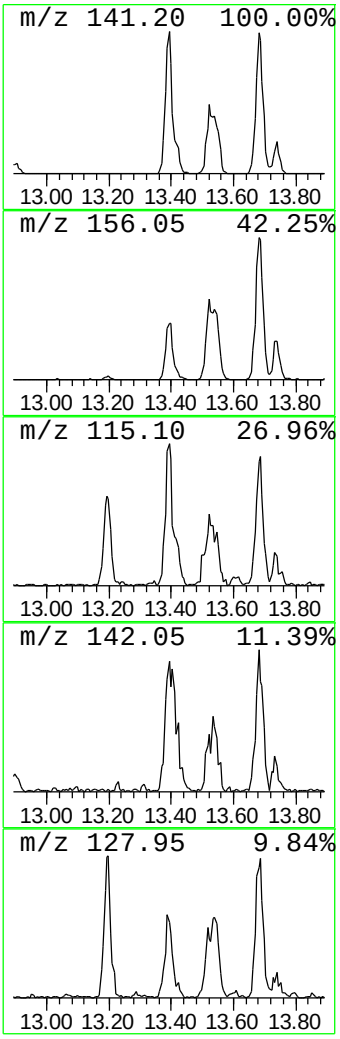
****

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.44 ng/ul	52925	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





Library Search Compound Report

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Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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Quant Title : SVOA CALIBRATION

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

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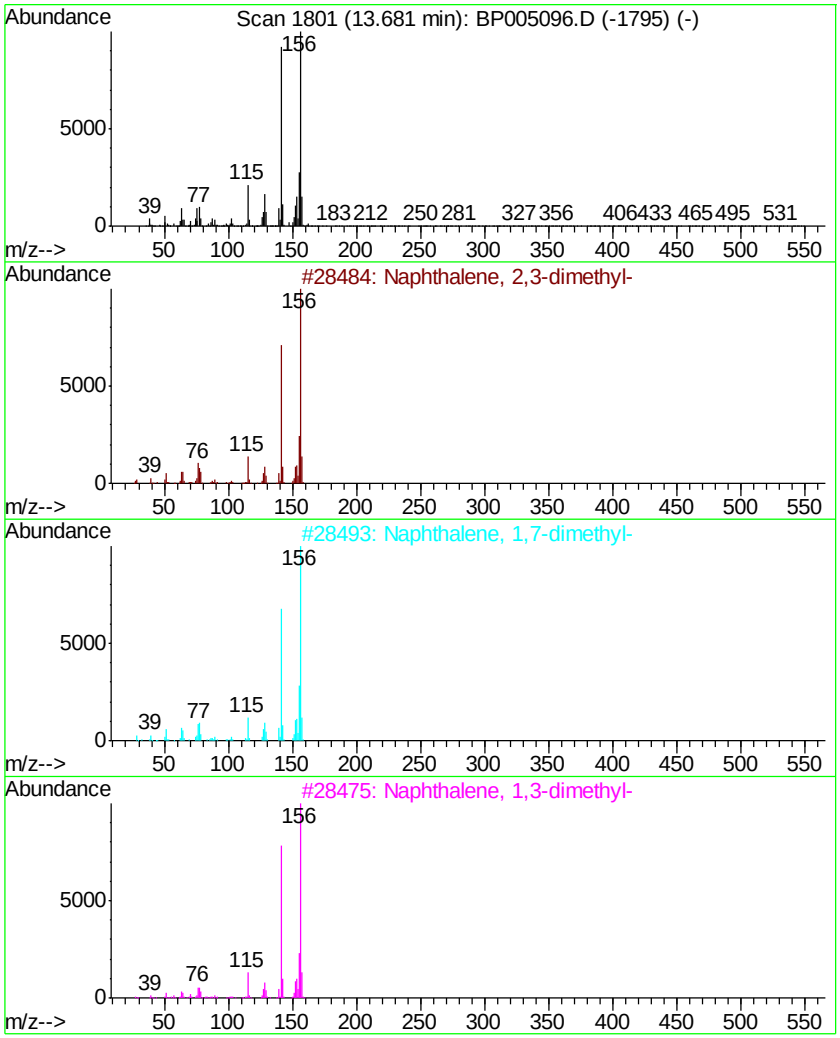
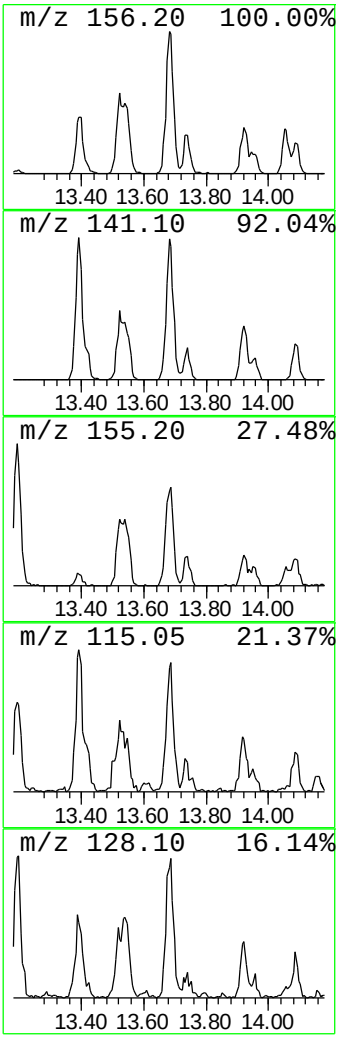
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.28 ng/ul	70986	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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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 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.88 ng/ul	127346	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	95
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
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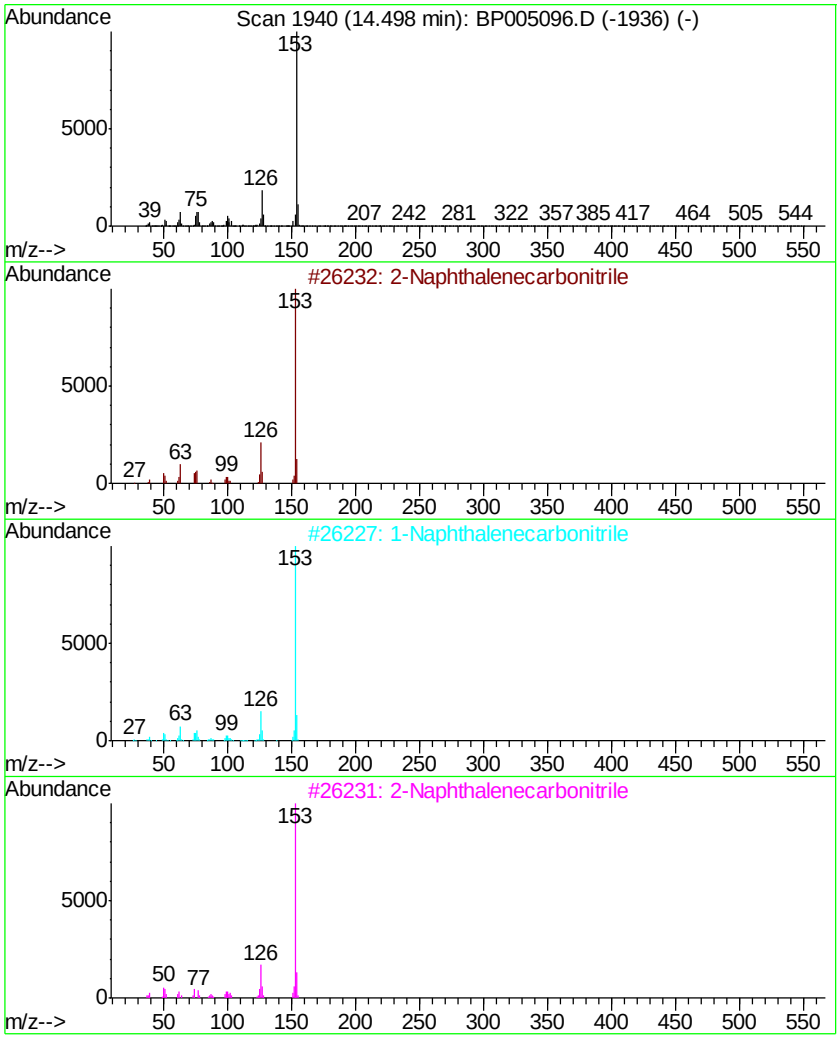

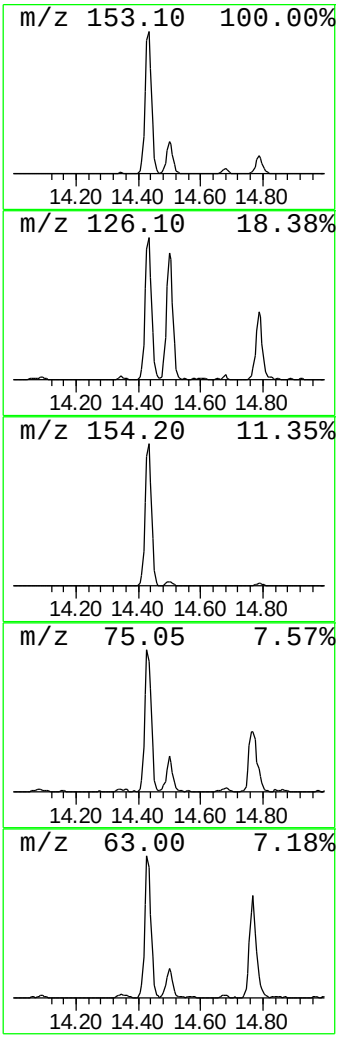

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Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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Quant Title : SVOA CALIBRATION

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

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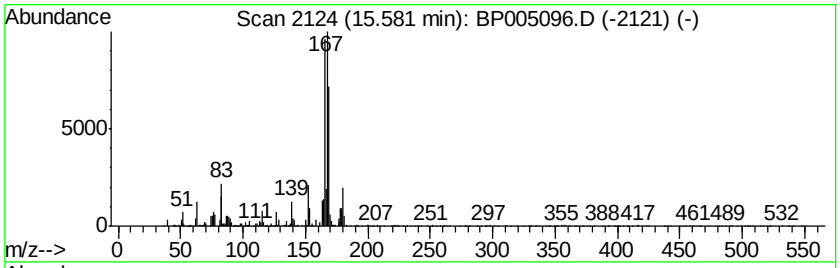
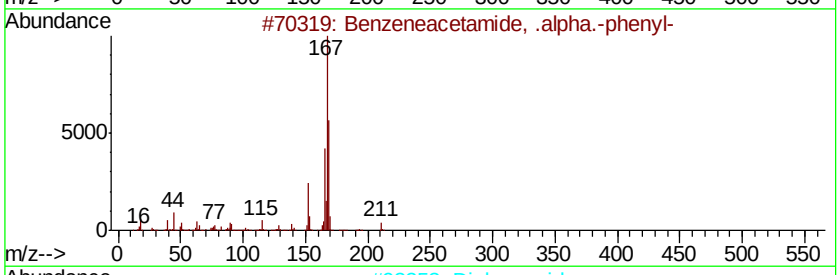
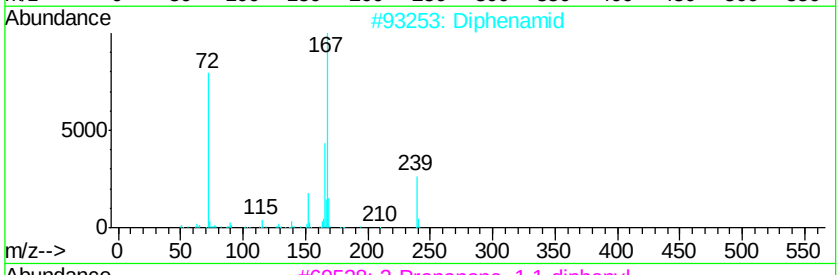
Peak Number 9 unknown-01 Concentration Rank 15

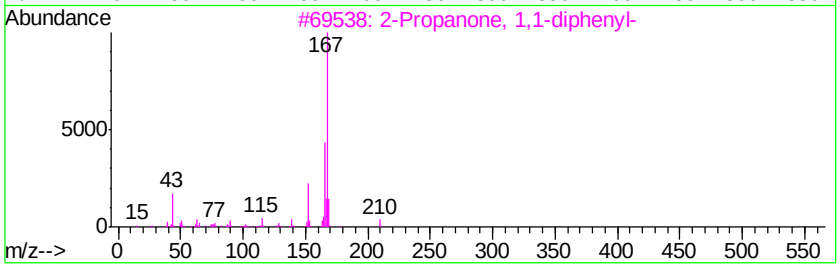
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.09 ng/ul	45389	Acenaphthene-d10	14.37

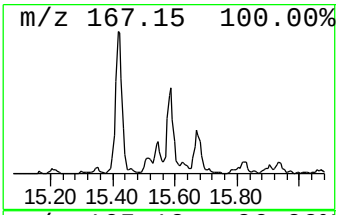
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	47
2	Diphenamid	239	C16H17NO	000957-51-7	43
3	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	43
4	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	43
5	Diphenylmethoxy acetic acid	242	C15H14O3	021409-25-6	38

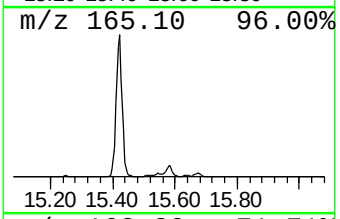


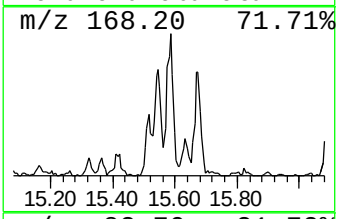


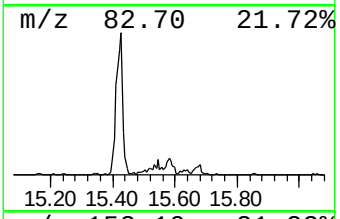


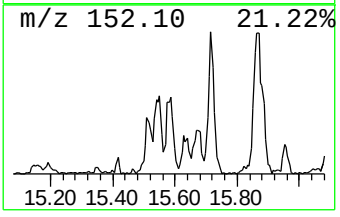












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Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

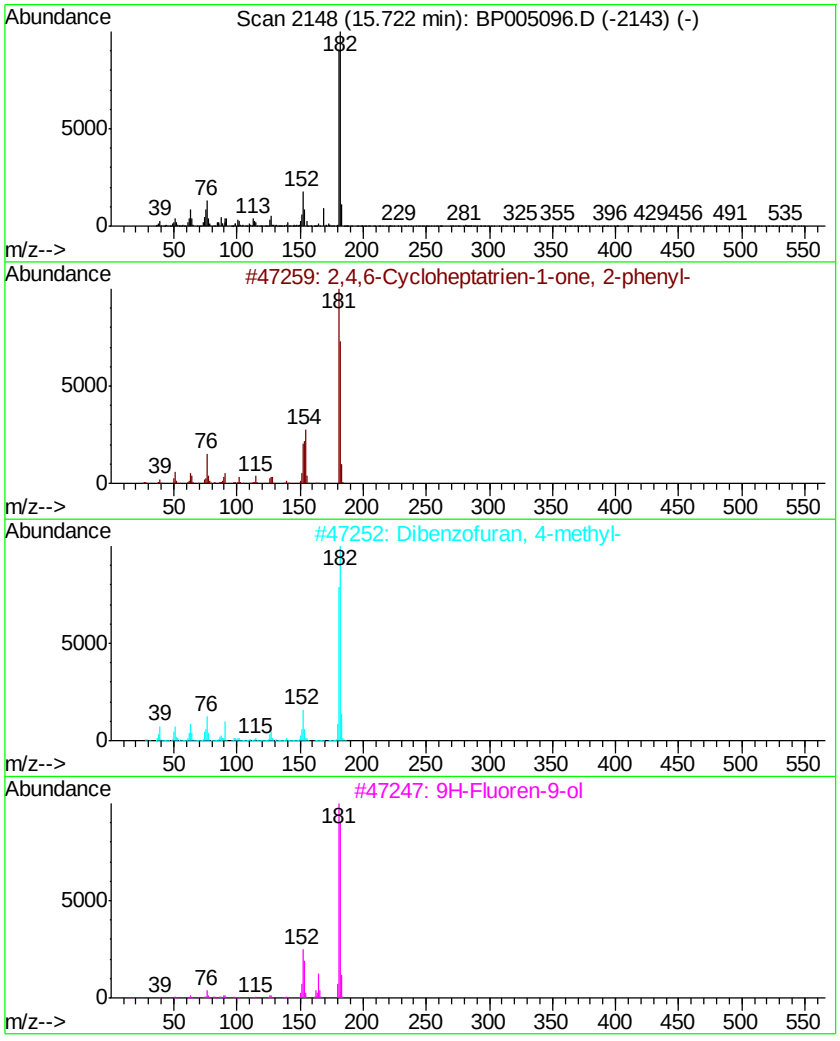
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

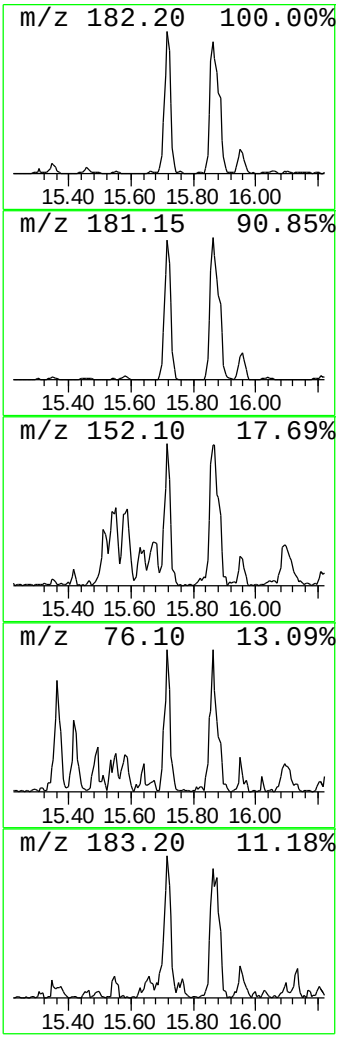
****

Peak Number 10 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.63 ng/ul	56887	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





Library Search Compound Report

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Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

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

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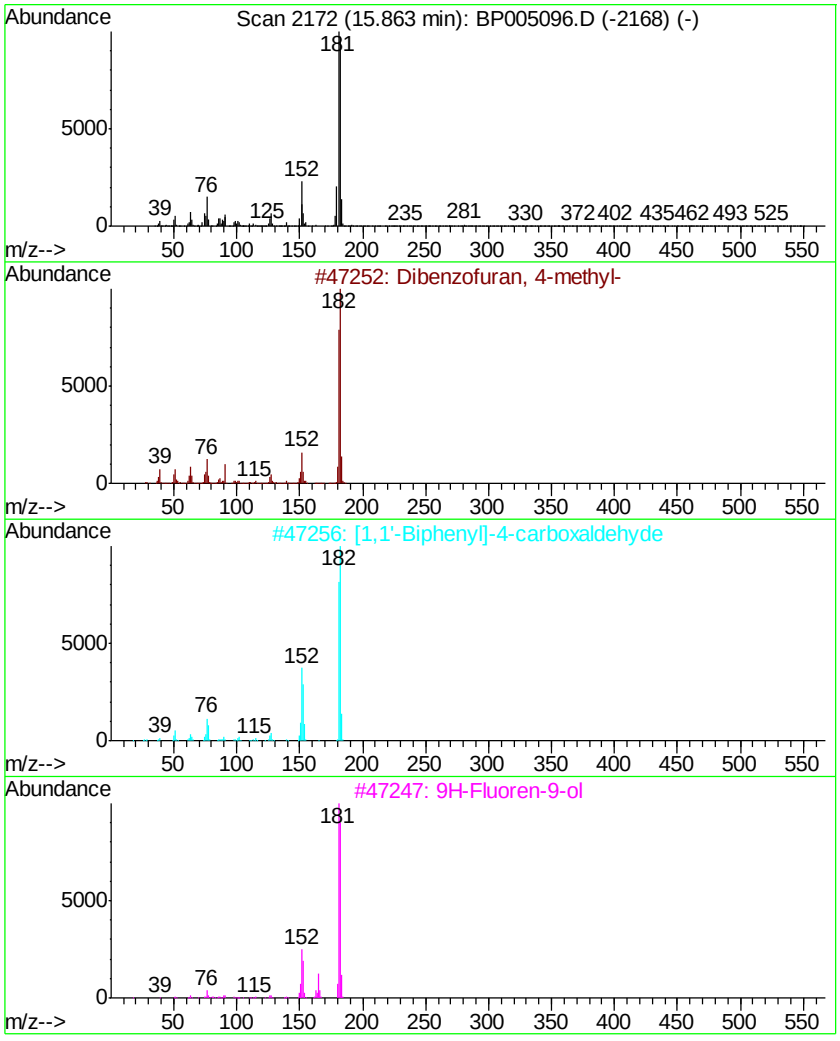
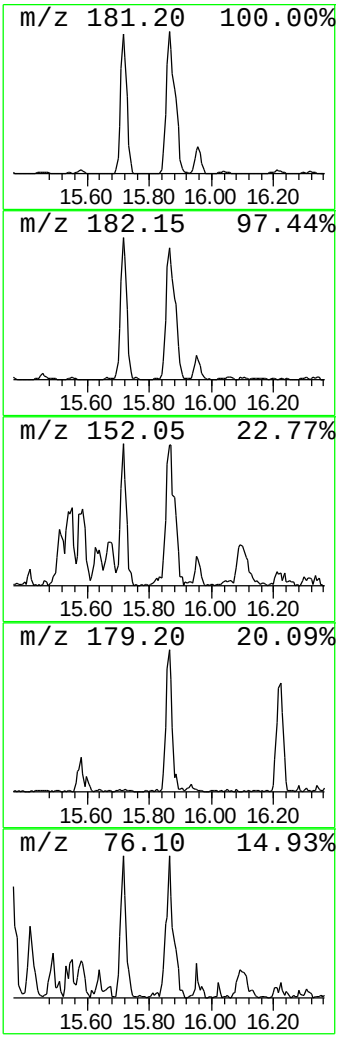
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.10 ng/ul	77460	Phenanthrene-d10	17.13

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	89
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	62
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	53





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Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

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Quant Title : SVOA CALIBRATION

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

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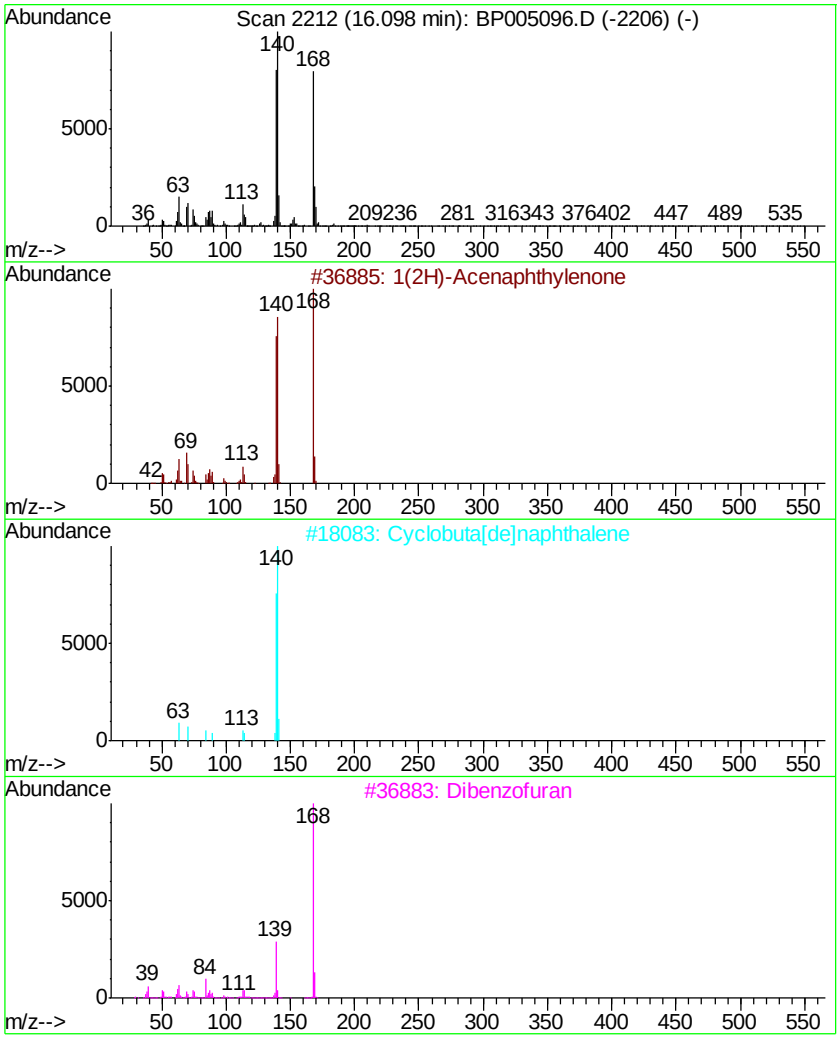
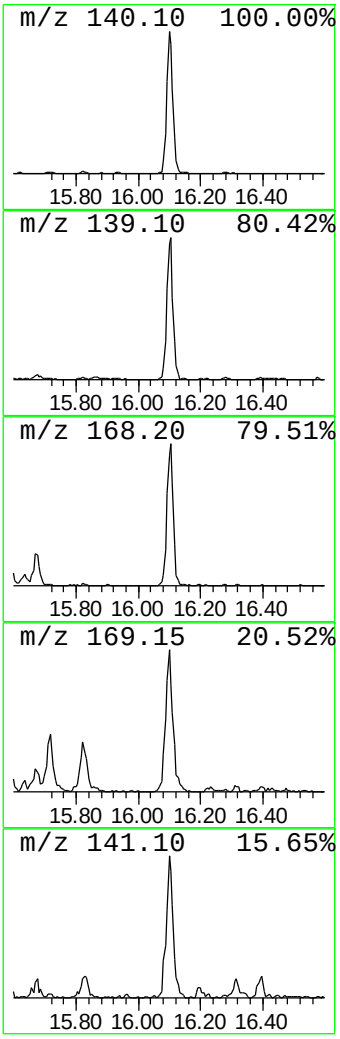
Peak Number 12 1(2H)-Acenaphthylenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	4.86 ng/ul	121375	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
3	Dibenzofuran	168	C12H8O	000132-64-9	43
4	4H-Pyran-4-one, 2-ethyl-3-hydroxy-	140	C7H8O3	004940-11-8	38
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	38





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Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
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Instrument : BNA_P
ClientSampleId : D8HE8DL

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Quant Title : SVOA CALIBRATION

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

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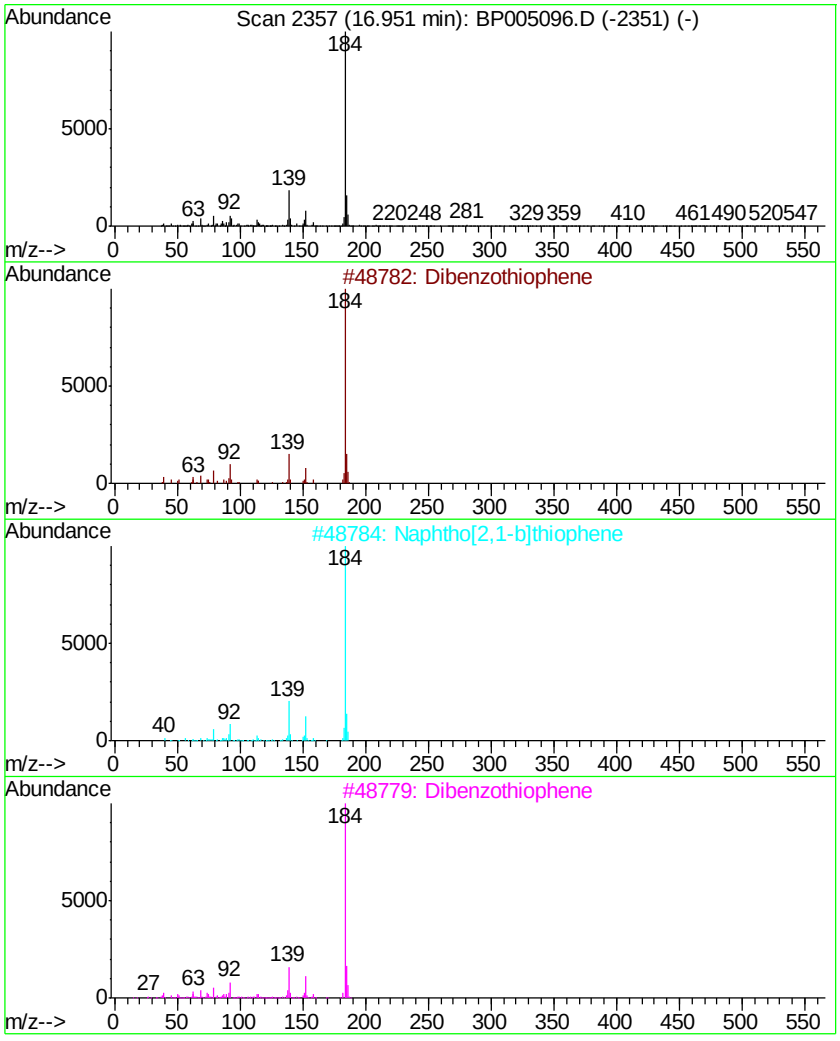
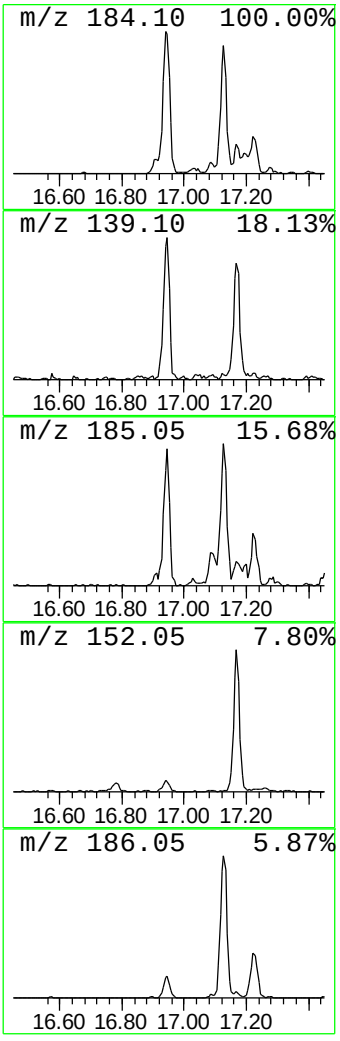
Peak Number 13 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	3.12 ng/ul	77748	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Misc :
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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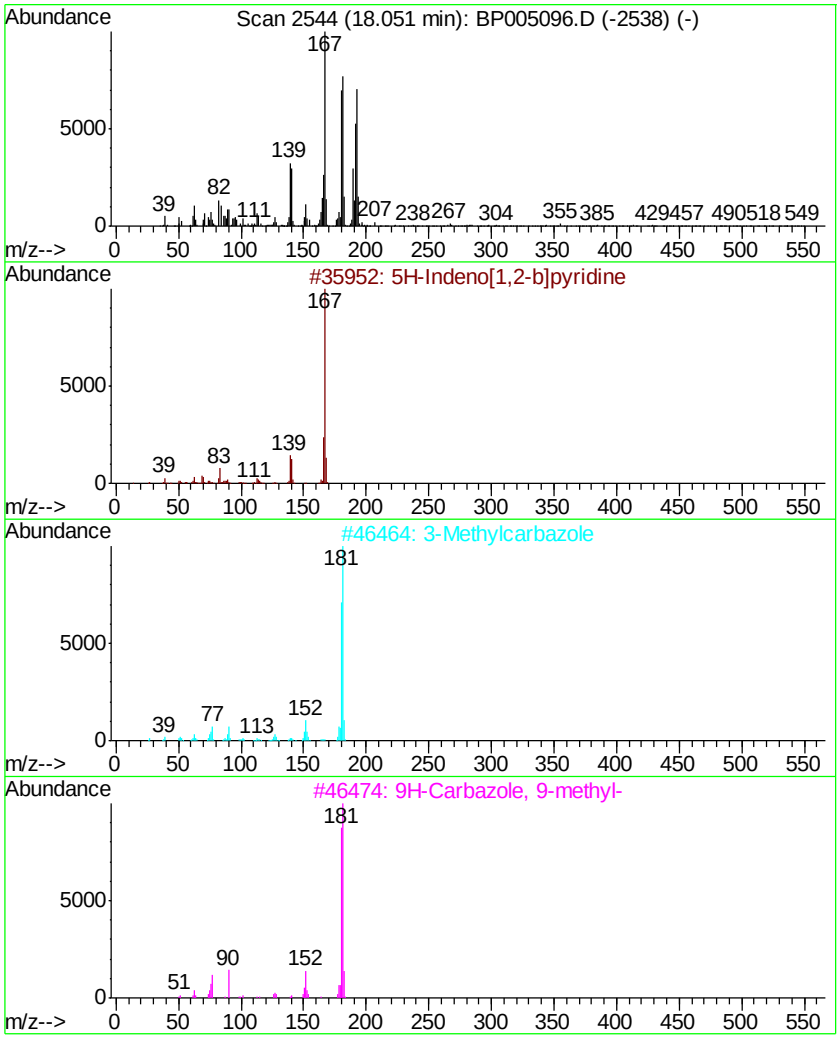
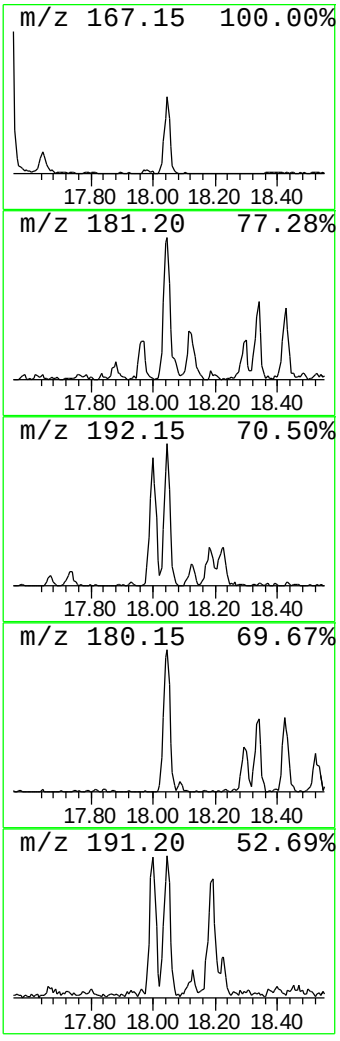
Peak Number 14 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.84 ng/ul	70757	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	38
2	3-Methylcarbazole	181	C13H11N	004630-20-0	35
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	35
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5	Carbazole	167	C12H9N	000086-74-8	25





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Quant Title : SVOA CALIBRATION

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

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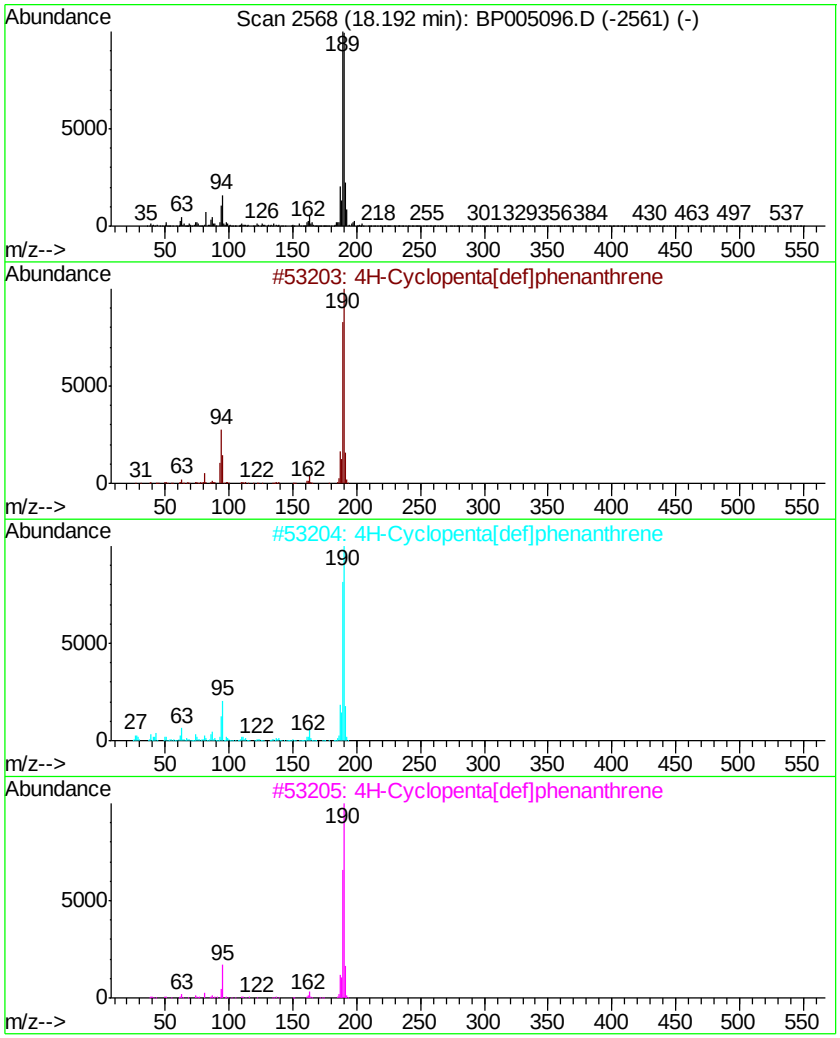
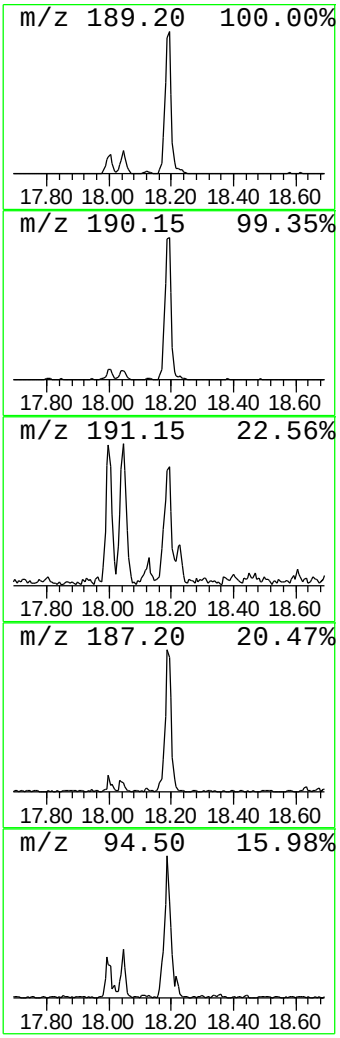
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.67 ng/ul	66693	Phenanthrene-d10	17.13

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	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45





Tentatively Identified Compound (LSC) summary

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Data File : BP005096.D
Acq On : 30 Mar 2021 09:41
Operator : CG/JU
Sample : M1800-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.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	8.08	12.0	ng/ul	116097	1	7.71	193037	20.0
Indene	8.25	17.4	ng/ul	167737	1	7.71	193037	20.0
Benzofuran, 7-met...	9.19	2.7	ng/ul	37885	2	10.50	281871	20.0
Benzo[c]thiophene	10.67	10.8	ng/ul	151771	2	10.50	281871	20.0
Naphthalene, 1-me...	12.39	15.6	ng/ul	220188	2	10.50	281871	20.0
Naphthalene, 2-et...	13.39	2.4	ng/ul	52925	3	14.37	433359	20.0
Naphthalene, 2,3-...	13.68	3.3	ng/ul	70986	3	14.37	433359	20.0
2-Naphthalenecarb...	14.50	5.9	ng/ul	127346	3	14.37	433359	20.0
unknown-01	15.58	2.1	ng/ul	45389	3	14.37	433359	20.0
2,4,6-Cycloheptat...	15.72	2.6	ng/ul	56887	3	14.37	433359	20.0
Dibenzofuran, 4-m...	15.86	3.1	ng/ul	77460	4	17.13	499061	20.0
1(2H)-Acenaphthyl...	16.10	4.9	ng/ul	121375	4	17.13	499061	20.0
Dibenzothiophene	16.95	3.1	ng/ul	77748	4	17.13	499061	20.0
unknown-02	18.05	2.8	ng/ul	70757	4	17.13	499061	20.0
4H-Cyclopenta[def...	18.19	2.7	ng/ul	66693	4	17.13	499061	20.0