LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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	639	646	651	rBV2	42737	81228	0.34%	0.120%
2	7.052	667	674	681	rBV	123964	198338	0.83%	0.292%
3	7.246	697	707	719	rBV	147098	235726	0.99%	0.347%
4	7.363	721	727	734	rVB	54636	82126	0.35%	0.121%
5	7.716	780	787	795	rBV	135791	213360	0.90%	0.314%
6	8.087	841	850	858	rBV	435791	689537	2.90%	1.016%
7	8.252	870	878	887	rVB	648970	1056648	4.44%	1.556%
8	8.422	900	907	919	rBV	122340	195430	0.82%	0.288%
9	8.875	978	984	993	rVB	163306	291088	1.22%	0.429%
10	9.063	1008	1016	1024	rVB	49996	79132	0.33%	0.117%
11	9.187	1024	1037	1043	rVV	111901	232428	0.98%	0.342%
12	9.251	1043	1048	1059	rVV	33460	56990	0.24%	0.084%
13	9.593	1098	1106	1114	rBV	145630	240115	1.01%	0.354%
14	9.904	1151	1159	1170	rBV5	49519	131960	0.55%	0.194%
15	10.004	1170	1176	1181	rBV2	23417	48298	0.20%	0.071%
16	10.128	1190	1197	1208	rBV	199584	352837	1.48%	0.520%
17	10.516	1255	1263	1264	rVV	131167	224345	0.94%	0.330%
18	10.593	1264	1276	1281	rVV	11005118	23786735	100.00%	35.034%
19	10.681	1281	1291	1300	rVB	556910	905541	3.81%	1.334%
20	12.069	1521	1527	1536	rVB	53951	91996	0.39%	0.135%
21	12.175	1536	1545	1552	rBV	914820	1424591	5.99%	2.098%
22	12.293	1558	1565	1571	rVV	38788	69357	0.29%	0.102%
23	12.398	1571	1583	1593	rVB	802863	1317741	5.54%	1.941%
24	12.822	1649	1655	1663	rBV3	32790	56638	0.24%	0.083%
25	13.192	1709	1718	1725	rBV	489830	745257	3.13%	1.098%
26	13.392	1746	1752	1764	rVB	168152	313067	1.32%	0.461%
27	13.522	1764	1774	1776	rBV	138778	238104	1.00%	0.351%
28	13.687	1794	1802	1807	rBV	231620	410732	1.73%	0.605%
29	13.739	1807	1811	1814	rVV	62091	98128	0.41%	0.145%
30	13.781	1814	1818	1823	rVV	387891	557390	2.34%	0.821%
31	13.922	1837	1842	1845	rBV	84790	127171	0.53%	0.187%
32	13.957	1845	1848	1853	rVB	37027	49852	0.21%	0.073%
33	14.057	1855	1865	1876	rVB	436972	750460	3.15%	1.105%
34	14.369	1908	1918	1923	rBV3	268893	588415	2.47%	0.867%

LSC Area Percent Report

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Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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	14.445	1923	1931	1936	rVV	3467847	5408618	22.74%	7.966%
36	14.504	1936	1941	1947	rVV	492066	716786	3.01%	1.056%
37	14.581	1947	1954	1962	rVV4	57938	121514	0.51%	0.179%
38	14.681	1962	1971	1976	rVV	93834	152152	0.64%	0.224%
39	14.775	1980	1987	1995	rVV2	2236825	3525294	14.82%	5.192%
40	14.851	1995	2000	2010	rVB3	63159	127942	0.54%	0.188%
41	14.986	2016	2023	2029	rBV6	26822	58241	0.24%	0.086%
42	15.163	2045	2053	2056	rBV3	26884	47587	0.20%	0.070%
43	15.369	2081	2088	2092	rVV	542339	836250	3.52%	1.232%
44	15.428	2092	2098	2104	rVV	1074633	1563432	6.57%	2.303%
45	15.492	2104	2109	2115	rVV2	231148	383991	1.61%	0.566%
46	15.545	2115	2118	2121	rVV2	125112	175466	0.74%	0.258%
47	15.581	2121	2124	2130	rVV	165882	267934	1.13%	0.395%
48	15.634	2130	2133	2136	rVV3	45773	78007	0.33%	0.115%
49	15.675	2136	2140	2143	rVV	96100	144916	0.61%	0.213%
50	15.716	2143	2147	2156	rVV	233169	331092	1.39%	0.488%
51	15.828	2158	2166	2168	rVV2	36332	66087	0.28%	0.097%
52	15.863	2168	2172	2181	rVV	234811	455295	1.91%	0.671%
53	15.957	2181	2188	2194	rVB2	37680	76602	0.32%	0.113%
54	16.104	2206	2213	2226	rVB	522083	779409	3.28%	1.148%
55	16.216	2226	2232	2238	rBV2	57273	96629	0.41%	0.142%
56	16.322	2246	2250	2256	rVV3	18279	43533	0.18%	0.064%
57	16.386	2256	2261	2266	rVV3	67603	148664	0.62%	0.219%
58	16.428	2266	2268	2273	rVV2	67946	89129	0.37%	0.131%
59	16.581	2289	2294	2298	rVB	30790	42029	0.18%	0.062%
60	16.781	2324	2328	2336	rVB	84355	138796	0.58%	0.204%
61	16.910	2347	2350	2352	rVV	54325	78894	0.33%	0.116%
62	16.945	2352	2356	2361	rVV	339071	470545	1.98%	0.693%
63	17.028	2361	2370	2377	rVV6	33501	116643	0.49%	0.172%
64	17.086	2377	2380	2383	rVV	61164	88328	0.37%	0.130%
65	17.128	2383	2387	2390	rVV	341844	517166	2.17%	0.762%
66	17.180	2390	2396	2400	rVV	3294583	4734884	19.91%	6.974%
67	17.228	2400	2404	2408	rVV2	747140	1041242	4.38%	1.534%
68	17.263	2408	2410	2415	rVV2	114822	146544	0.62%	0.216%
69	17.328	2415	2421	2431	rVB7	31782	69991	0.29%	0.103%
70	17.498	2446	2450	2452	rVV	53881	72486	0.30%	0.107%
71	17.539	2452	2457	2462	rVV	889693	1195781	5.03%	1.761%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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

72	17.633	2468	2473	2479	rBV4	69417	162800	0.68%	0.240%
73	17.692	2479	2483	2488	rVB	162635	238106	1.00%	0.351%
74	17.786	2493	2499	2504	rVB4	20096	42998	0.18%	0.063%
75	17.969	2525	2530	2532	rBV3	83661	136309	0.57%	0.201%
76	17.998	2532	2535	2538	rVV	95997	136215	0.57%	0.201%
77	18.045	2538	2543	2551	rVB2	290254	473191	1.99%	0.697%
78	18.122	2551	2556	2561	rVB2	82514	114662	0.48%	0.169%
79	18.192	2561	2568	2572	rBV	271903	403524	1.70%	0.594%
80	18.275	2577	2582	2584	rBV	47319	67885	0.29%	0.100%
81	18.333	2589	2592	2596	rVV	53831	77068	0.32%	0.114%
82	18.375	2596	2599	2603	rVV4	36926	57523	0.24%	0.085%
83	18.427	2604	2608	2614	rVV3	68313	115506	0.49%	0.170%
84	18.486	2614	2618	2621	rVV3	76394	104448	0.44%	0.154%
85	18.527	2621	2625	2629	rVV	41737	61853	0.26%	0.091%
86	18.974	2695	2701	2707	rBV2	56103	106849	0.45%	0.157%
87	19.027	2707	2710	2716	rVV2	33075	51770	0.22%	0.076%
88	19.145	2725	2730	2736	rVB	561138	735515	3.09%	1.083%
89	19.263	2743	2750	2758	rVB7	30125	62170	0.26%	0.092%
90	19.474	2780	2786	2789	rBV	803374	1192795	5.01%	1.757%
91	19.498	2789	2790	2798	rVB	318350	320548	1.35%	0.472%
92	19.869	2848	2853	2859	rBV	130650	175177	0.74%	0.258%
93	19.939	2859	2865	2869	rBV	158324	224056	0.94%	0.330%
94	20.527	2960	2965	2968	rBV2	26256	42519	0.18%	0.063%
95	20.569	2968	2972	2983	rVB2	33085	61009	0.26%	0.090%
96	20.939	3032	3035	3043	rVB	89690	136239	0.57%	0.201%
97	21.221	3078	3083	3095	rVB	448832	588111	2.47%	0.866%
98	21.698	3160	3164	3169	rVB	51638	64734	0.27%	0.095%
99	23.357	3439	3446	3457	rBV	547944	1066556	4.48%	1.571%
100	23.510	3465	3472	3479	rVB2	271724	527399	2.22%	0.777%

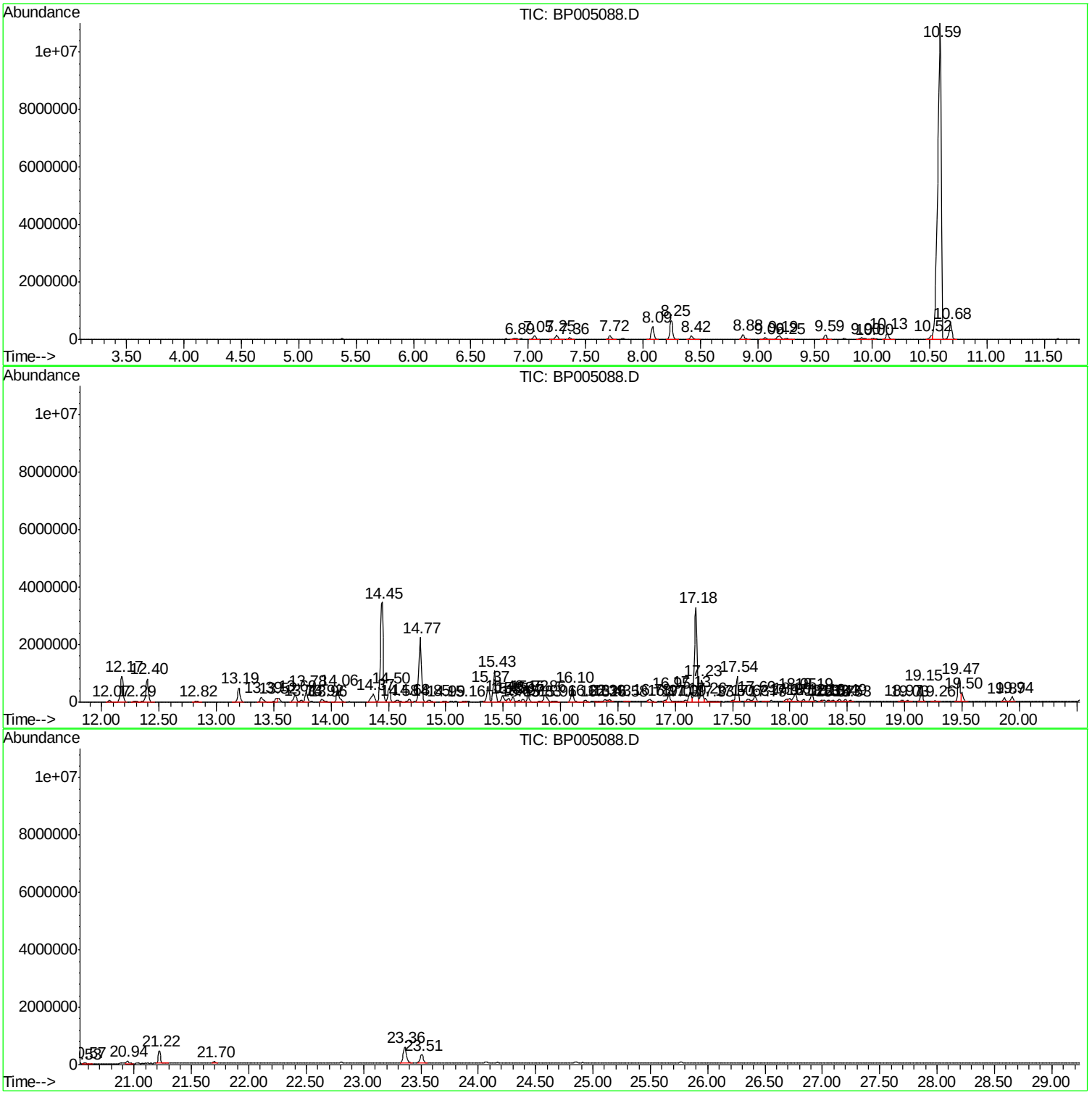
Sum of corrected areas: 67896195

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
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Sample : M1800-06
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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
Quant Title : SVOA CALIBRATION

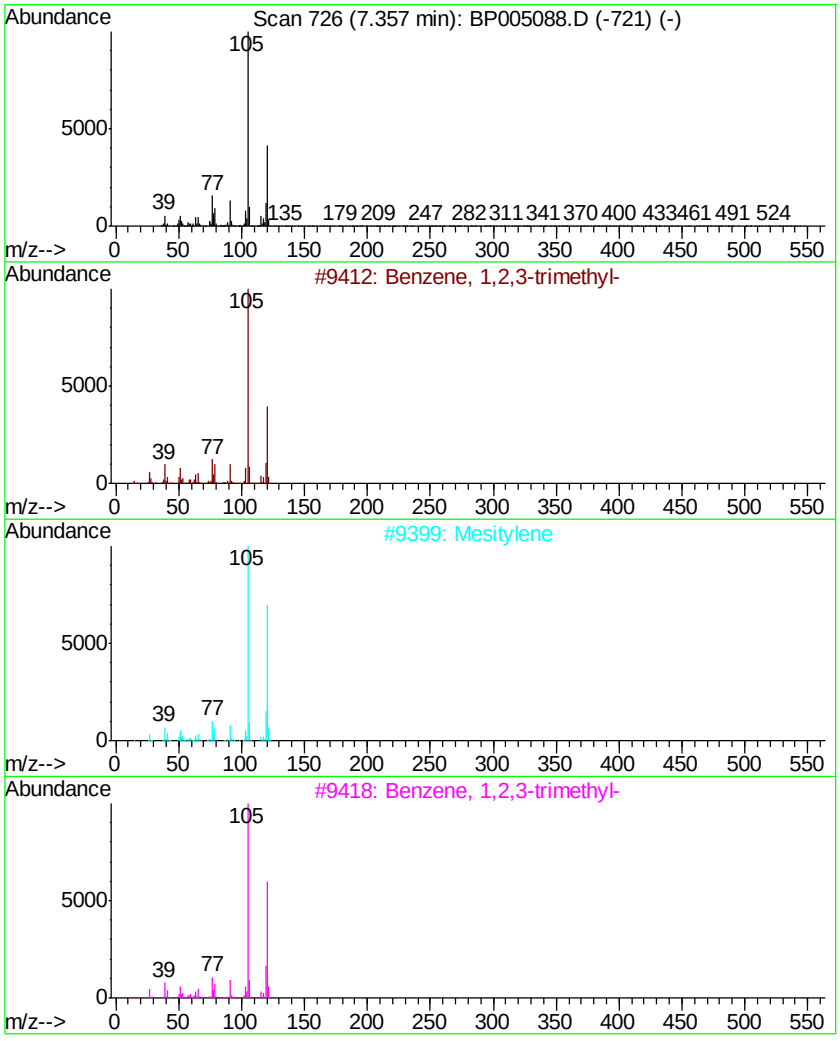
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

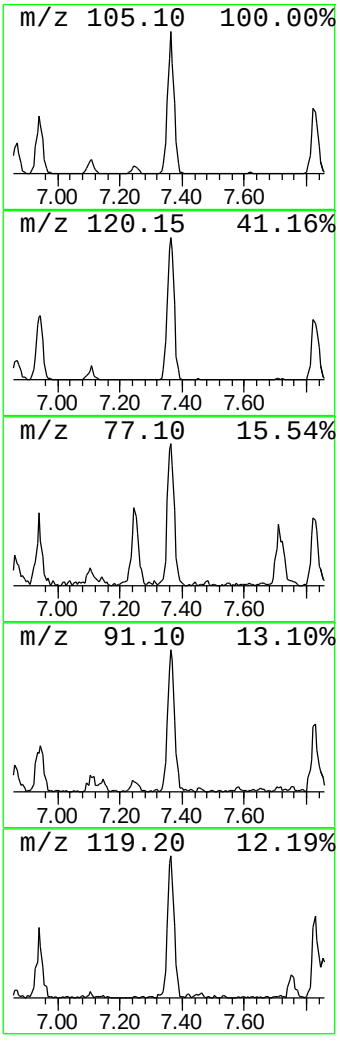
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	7.70 ng/ul	82126	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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

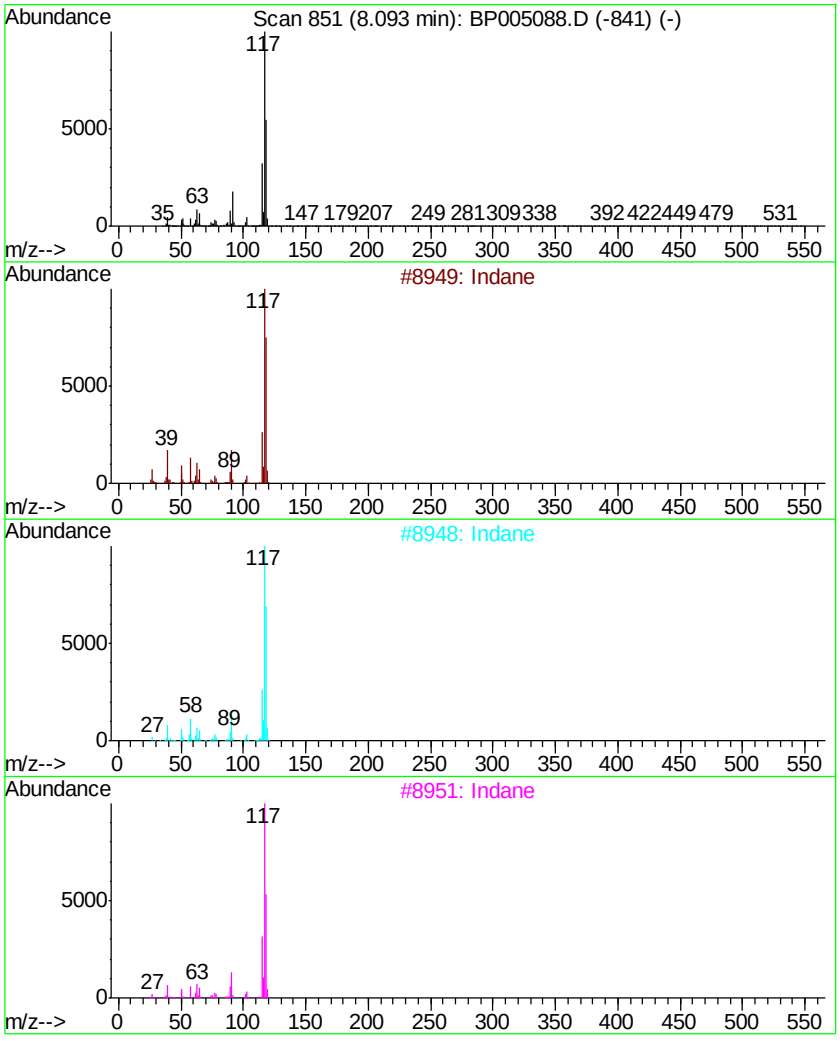
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

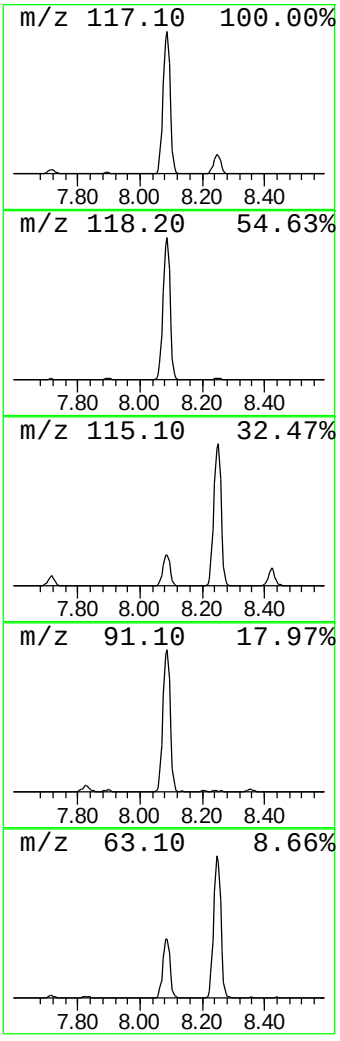
****

Peak Number 2 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	64.64 ng/ul	689537	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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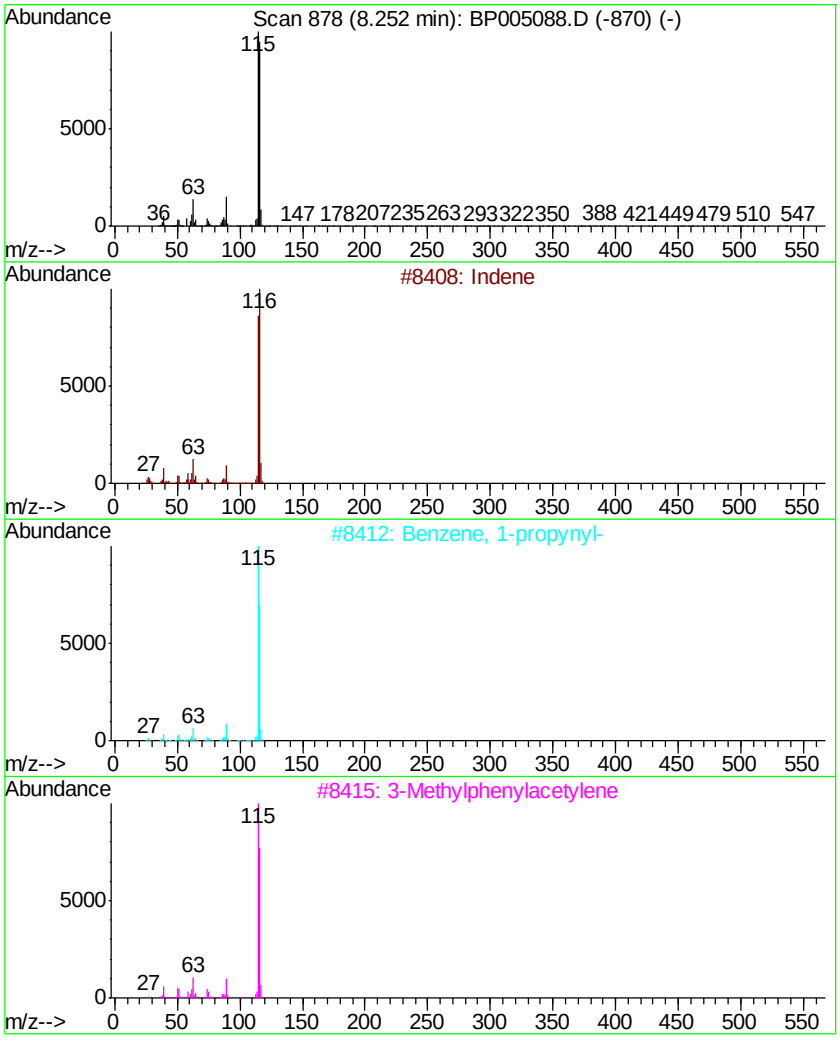
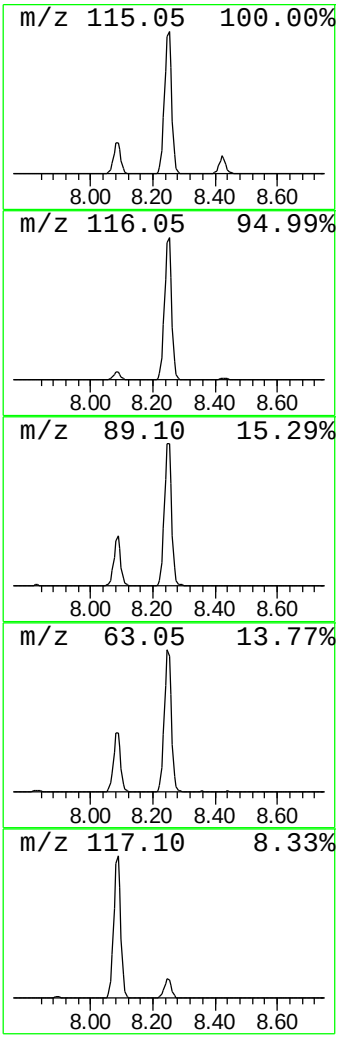
Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	99.05 ng/ul	1056650	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Indene	116	C9H8	000095-13-6	94
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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

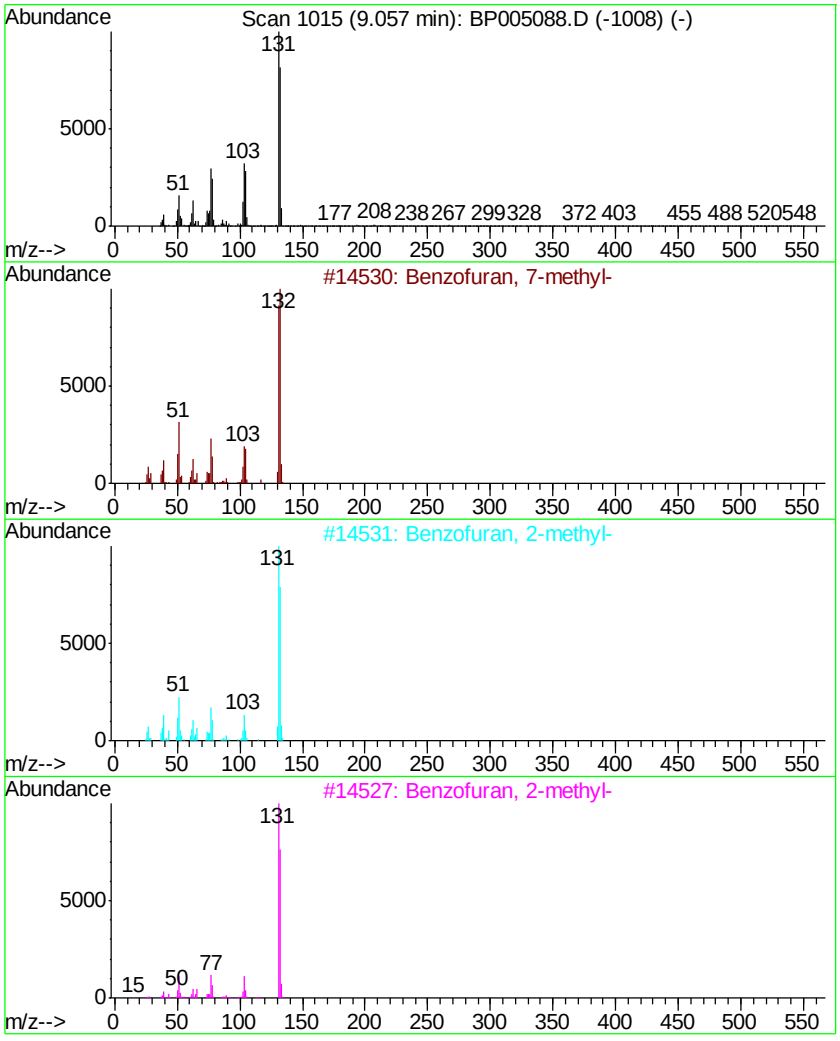
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

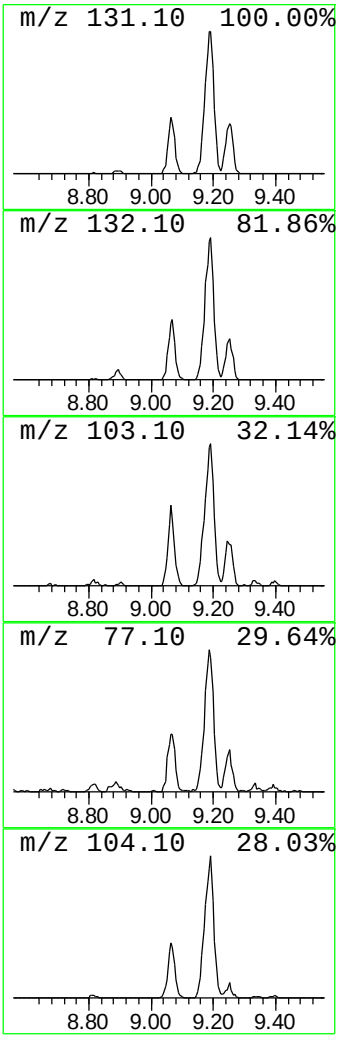
****

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.42 ng/ul	79132	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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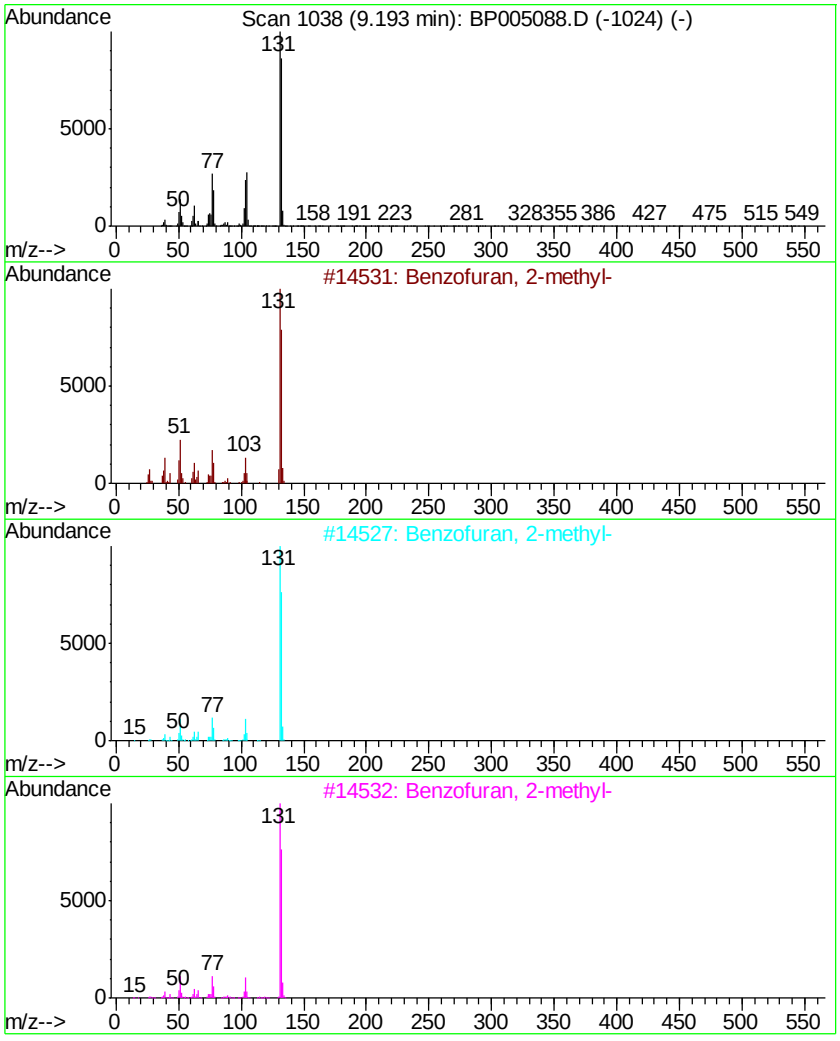
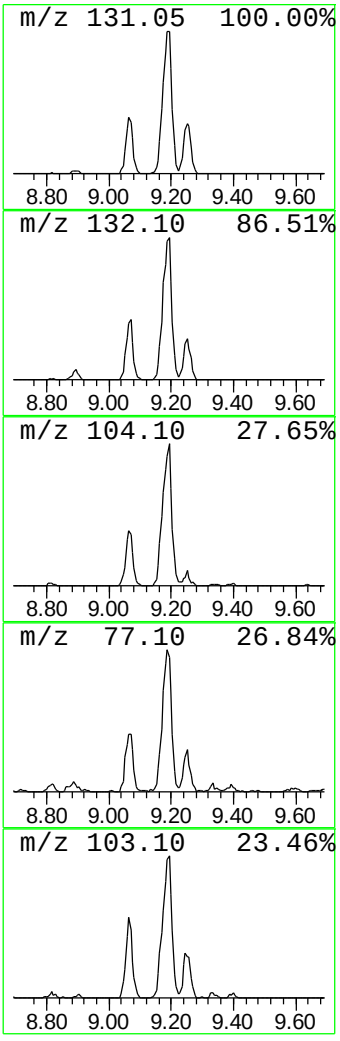
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	20.72 ng/ul	232428	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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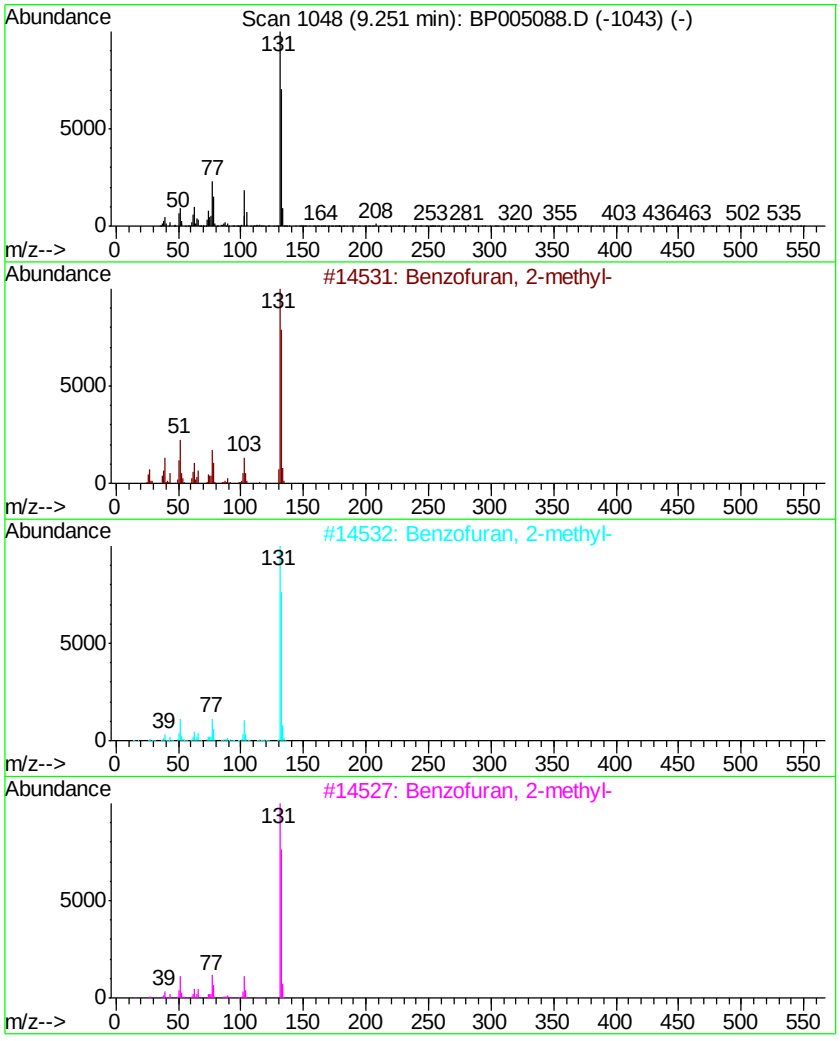
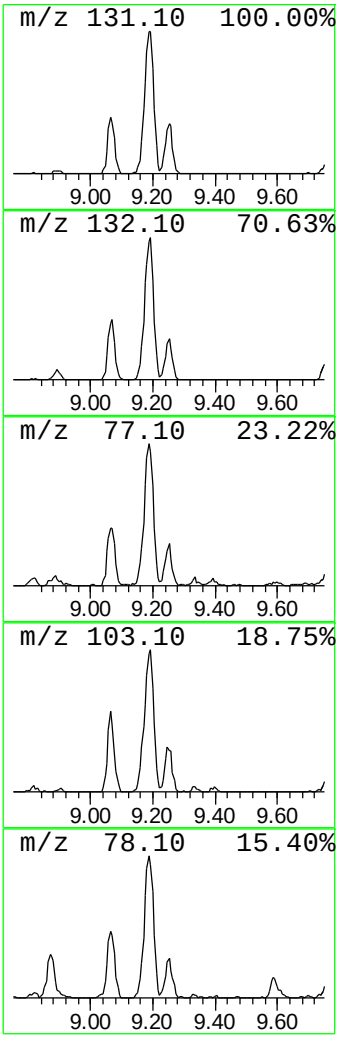
Peak Number 6 3-Phenyl-2-propyn-1-ol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	5.08 ng/ul	56990	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	78
5	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	72





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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

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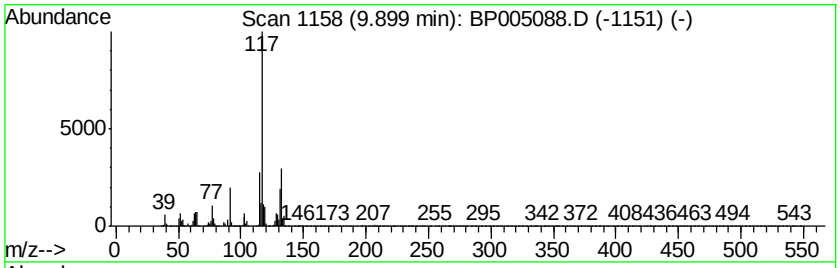
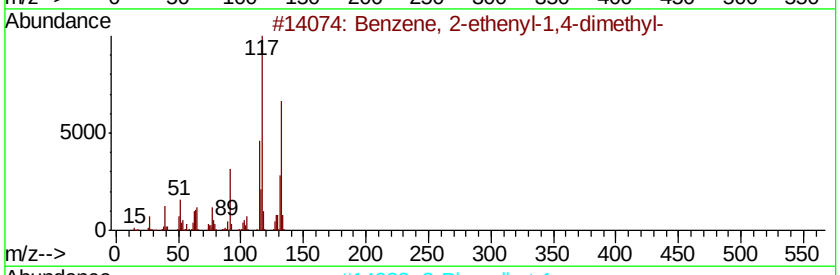
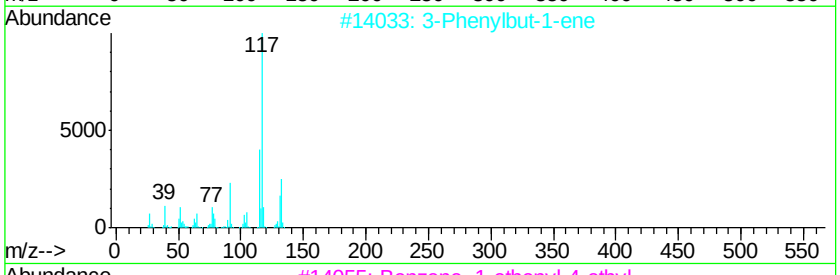
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

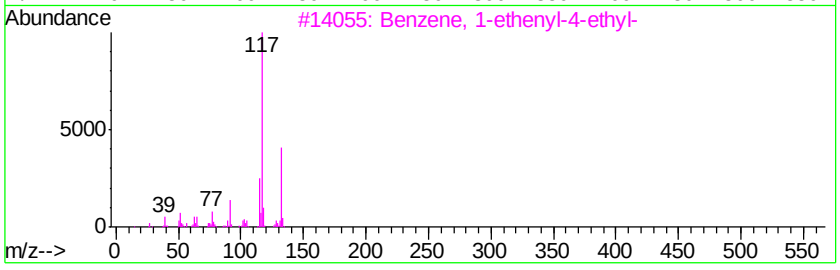
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	11.76 ng/ul	131960	Naphthalene-d8	10.51

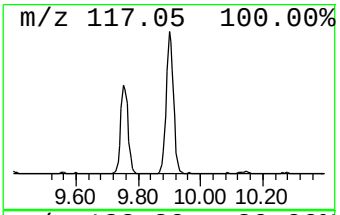
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70

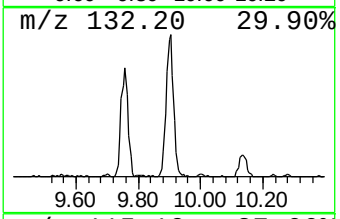


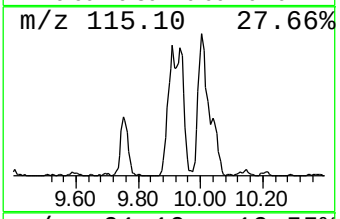


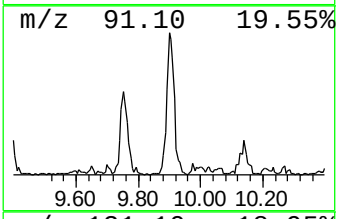


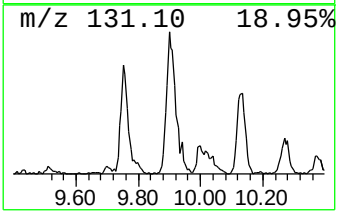












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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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

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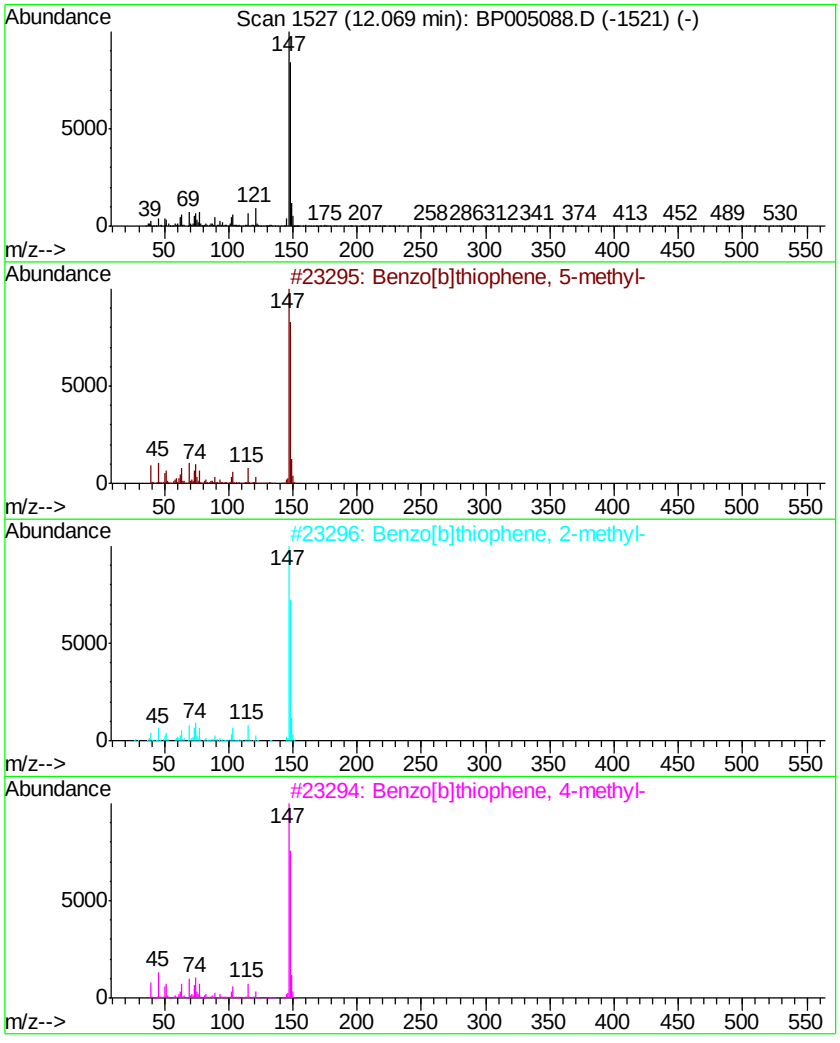
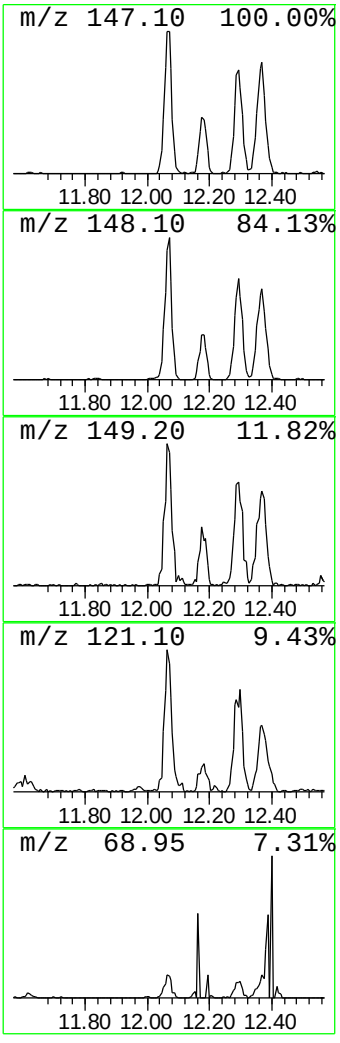
Peak Number 9 Benzo[b]thiophene, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	8.20 ng/ul	91996	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	86





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ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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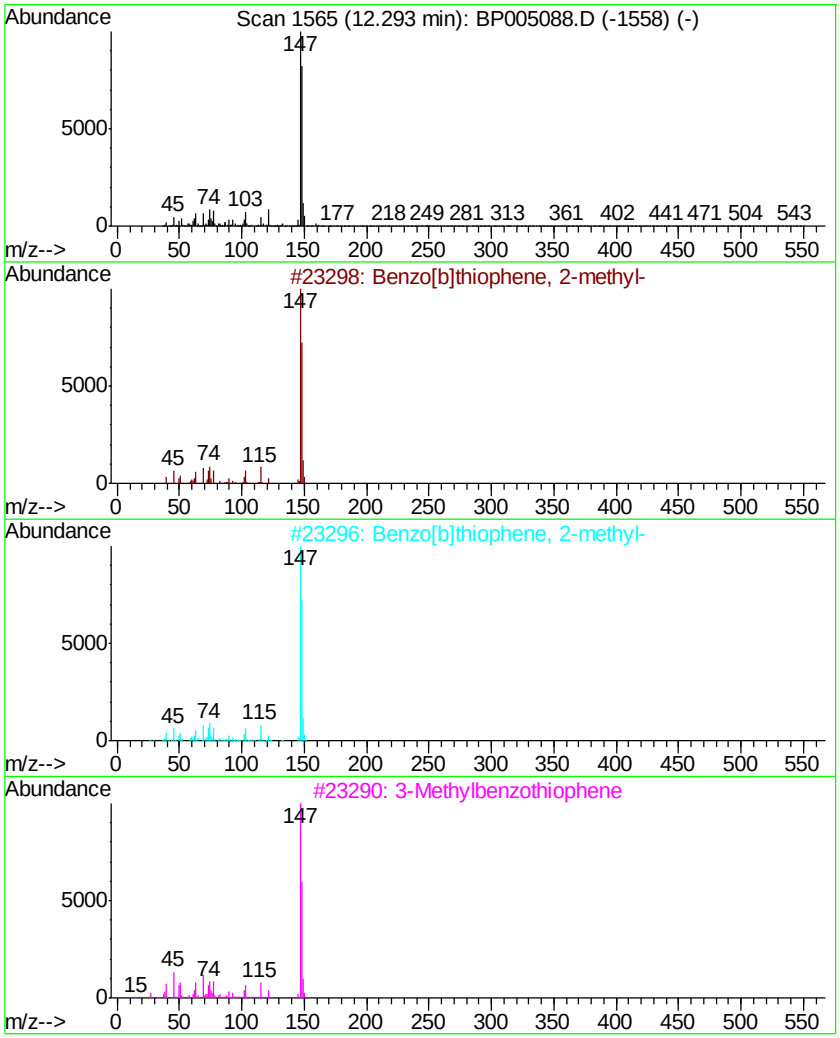
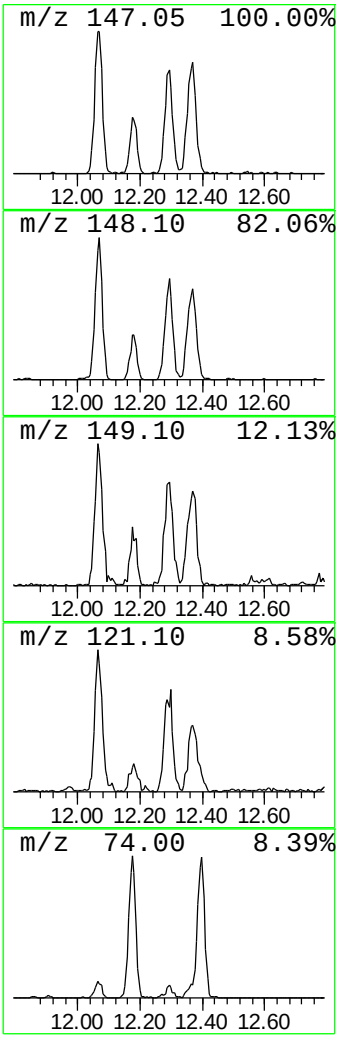
Peak Number 10 Benzo[b]thiophene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.18 ng/ul	69357	Naphthalene-d8	10.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	87





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Instrument : BNA_P
ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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

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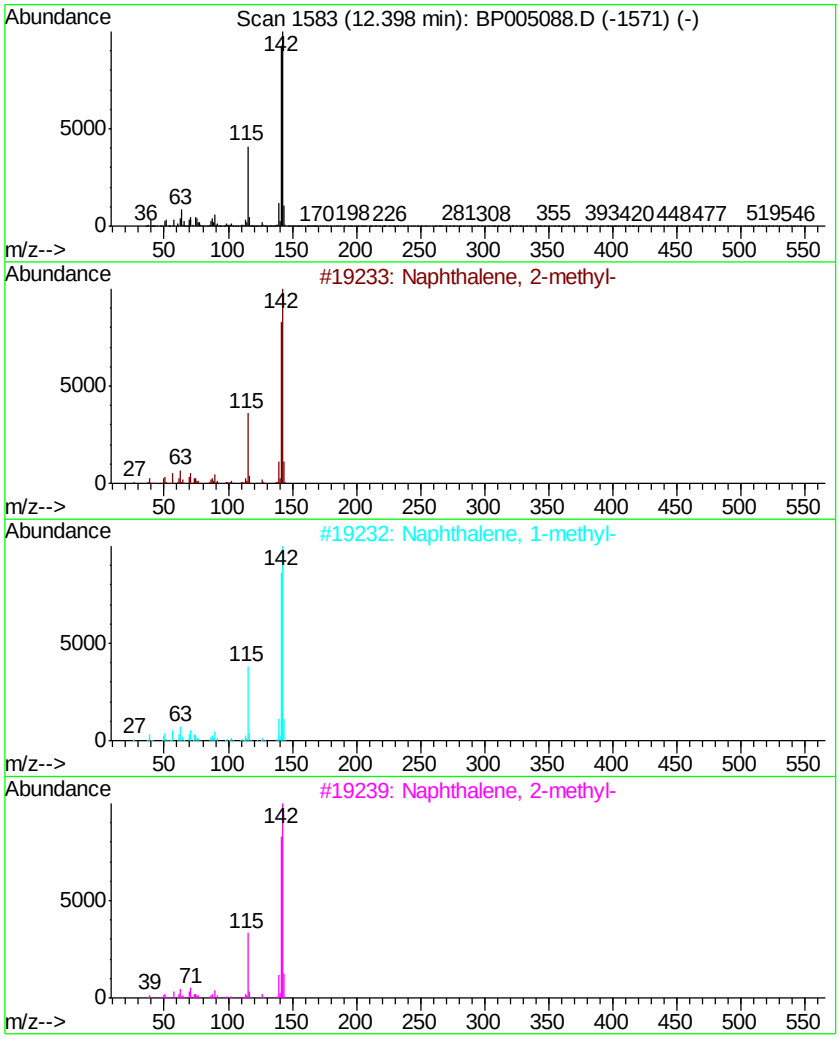
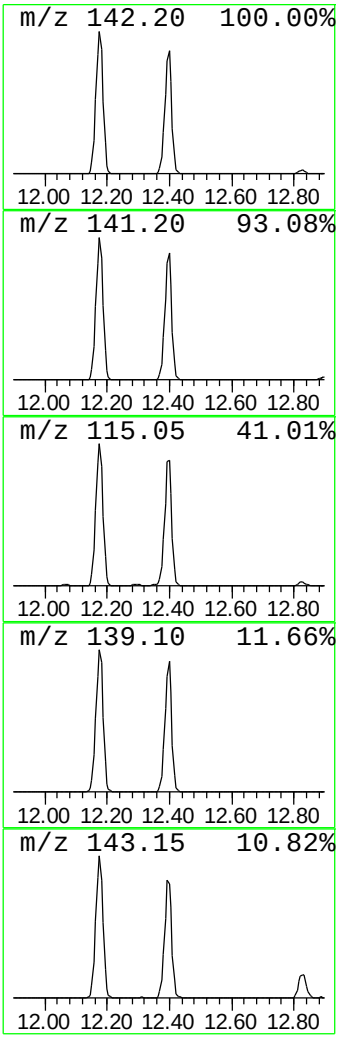
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	117.48 ng/ul	1317740	Naphthalene-d8	10.51

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	94
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

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Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	10.64 ng/ul	313067	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
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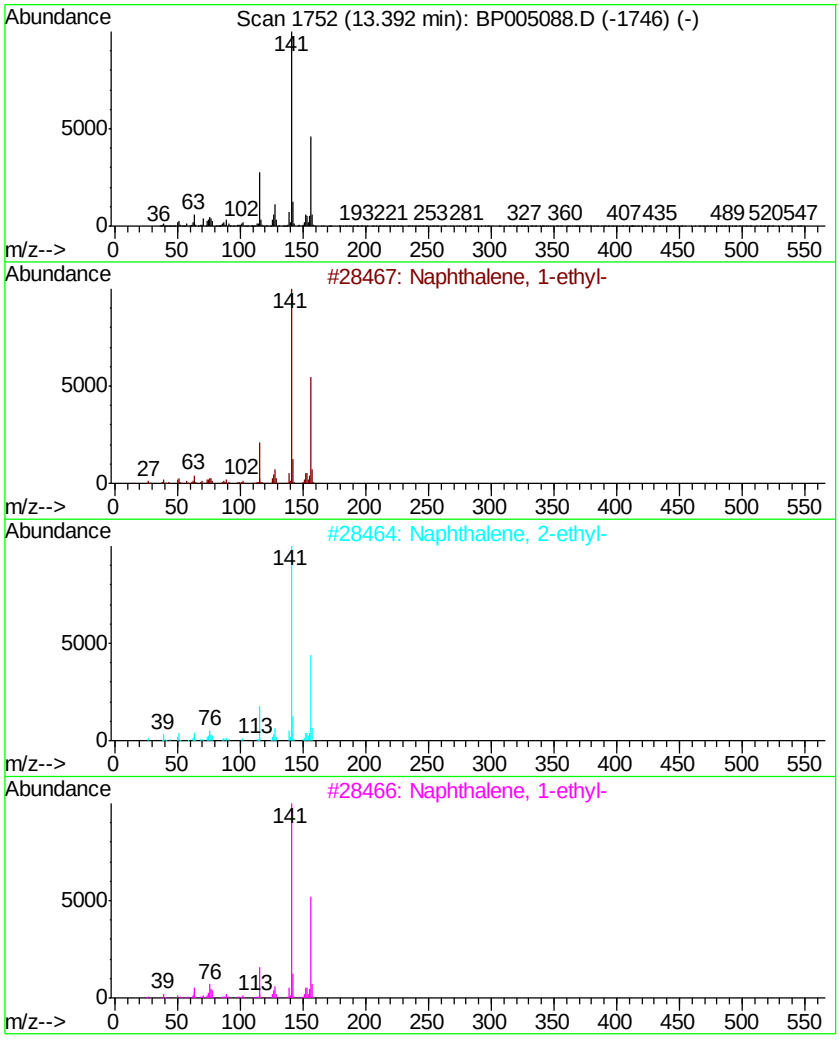
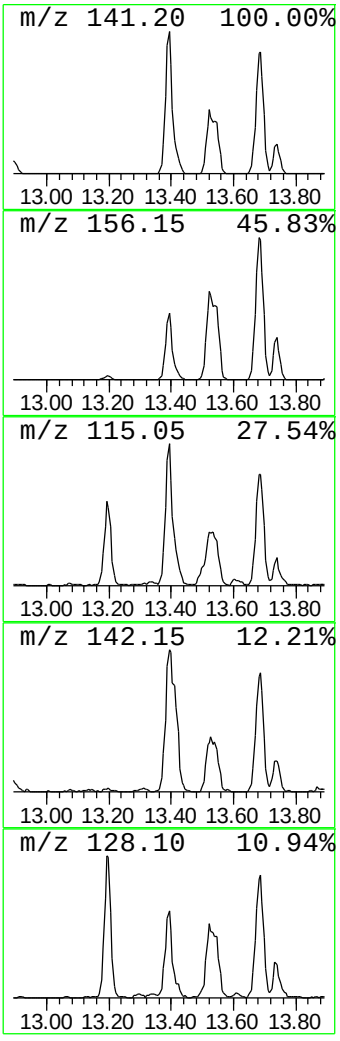
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
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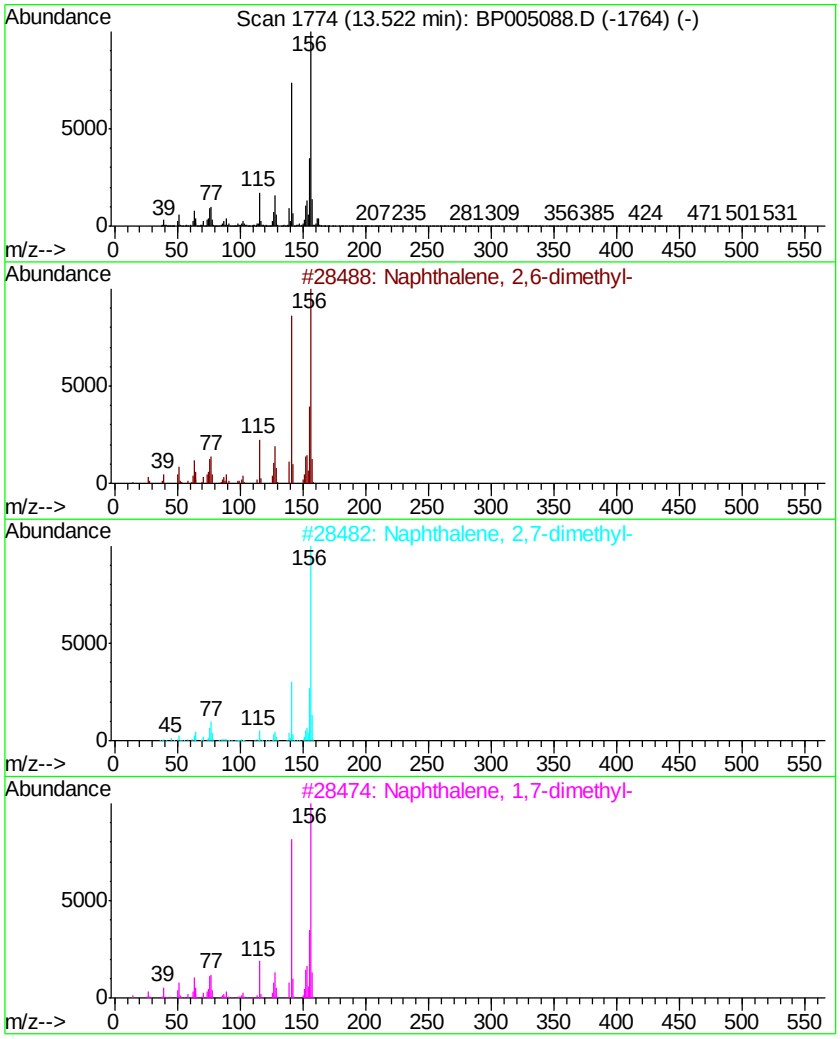
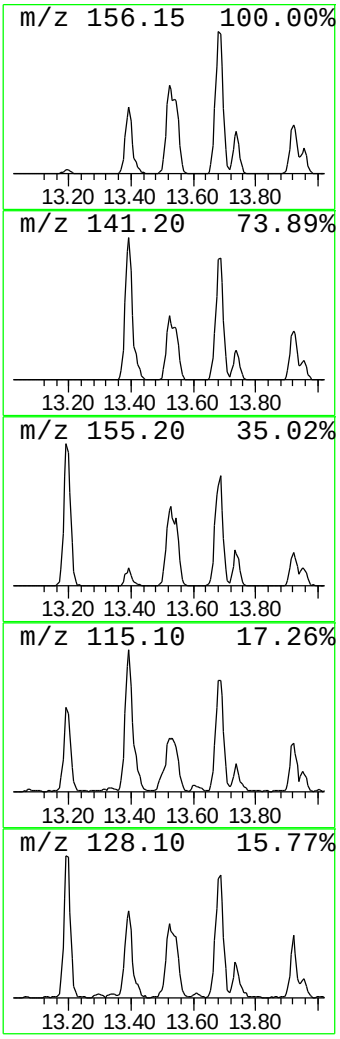
Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	8.09 ng/ul	238104	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Quant Title : SVOA CALIBRATION

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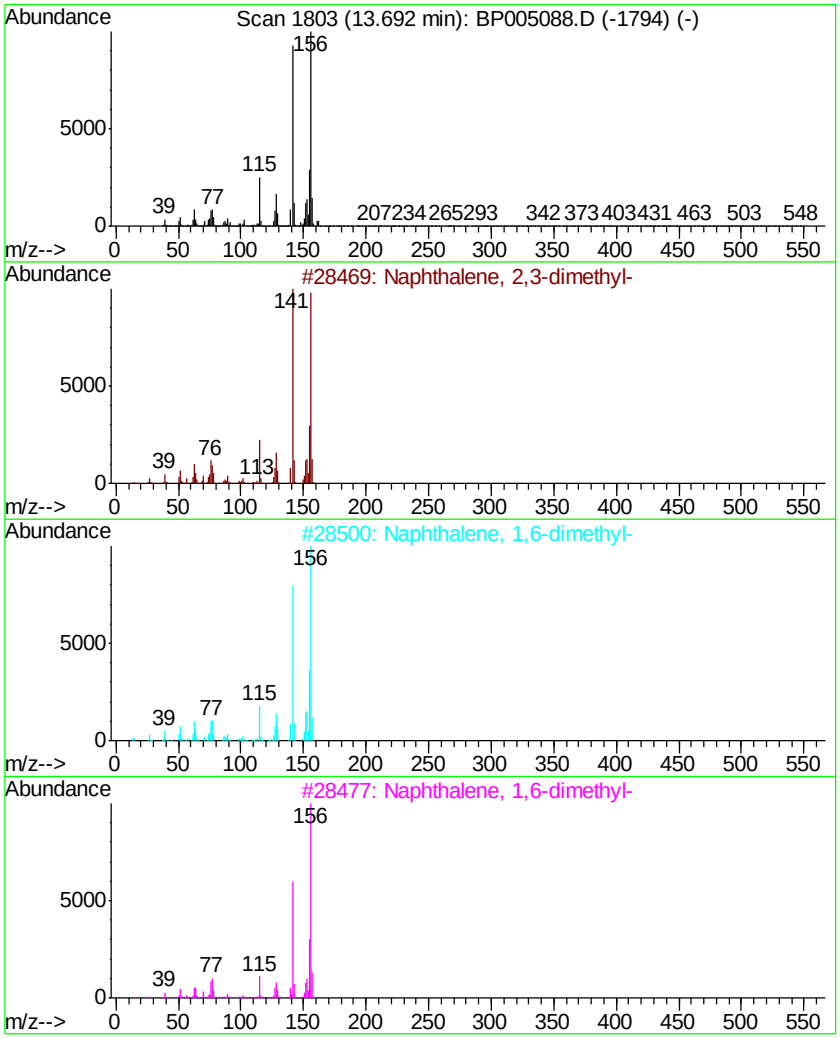
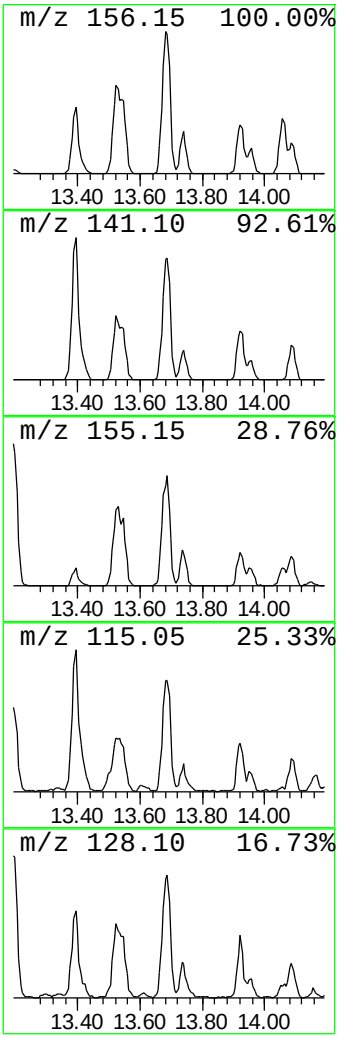
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	13.96 ng/ul	410732	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
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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Peak Number 16 2-Naphthalenecarbonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	24.36 ng/ul	716786	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
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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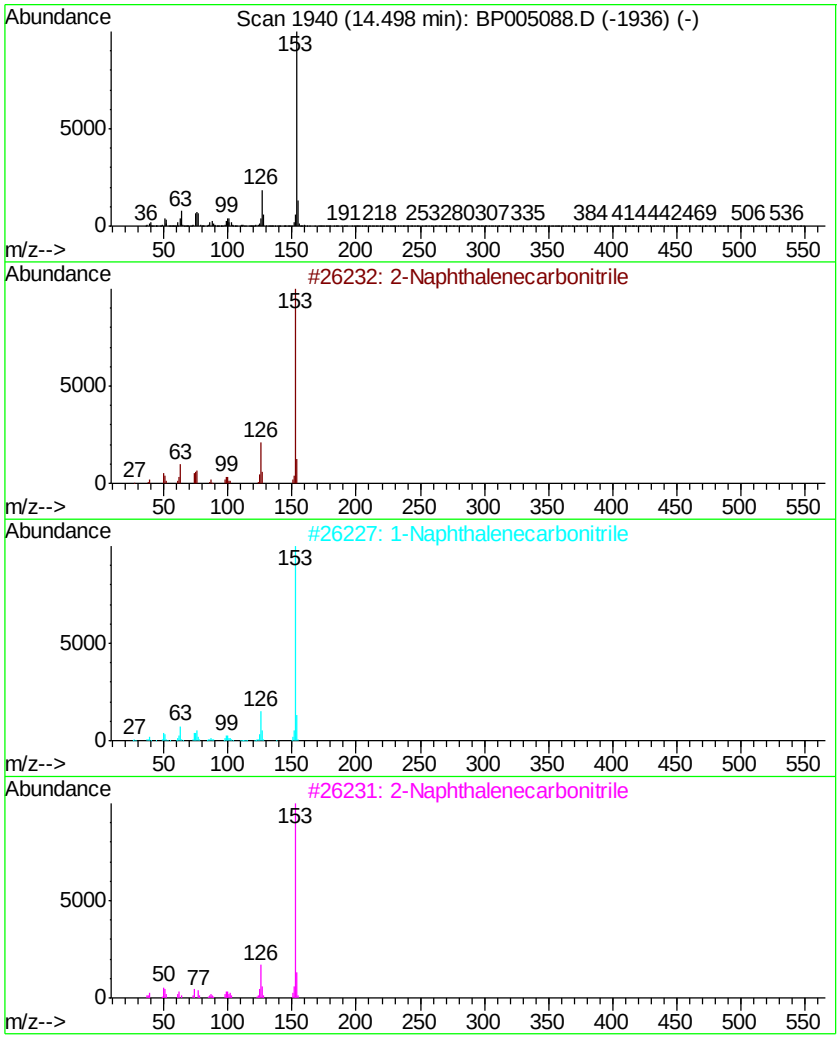

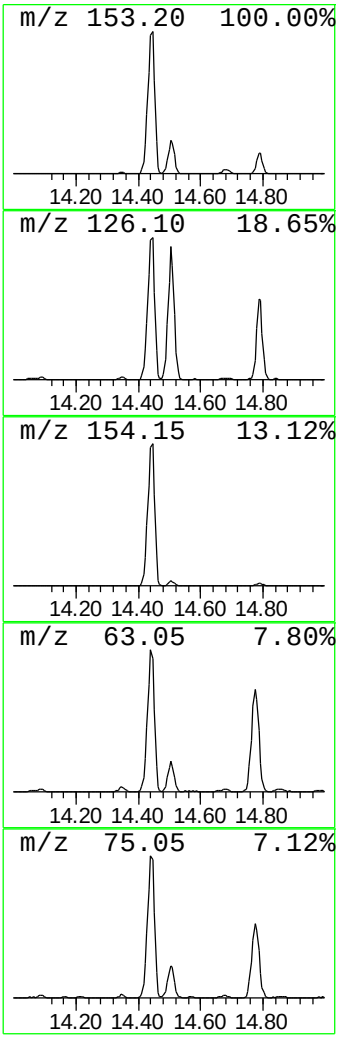

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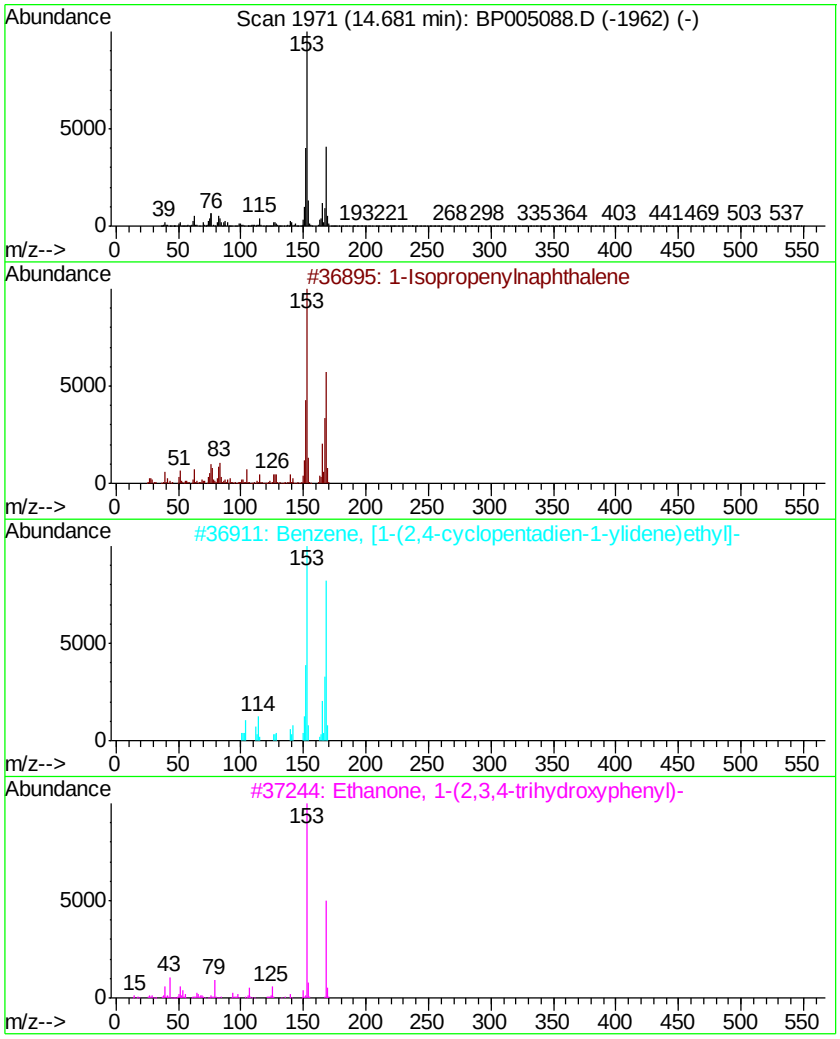
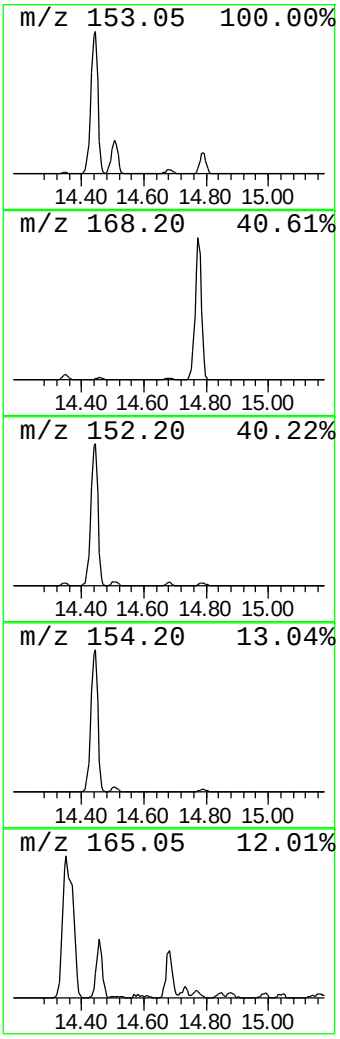
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.17 ng/ul	152152	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	78
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
4	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	50
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49





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TIC Integration Parameters: LSCINT.P

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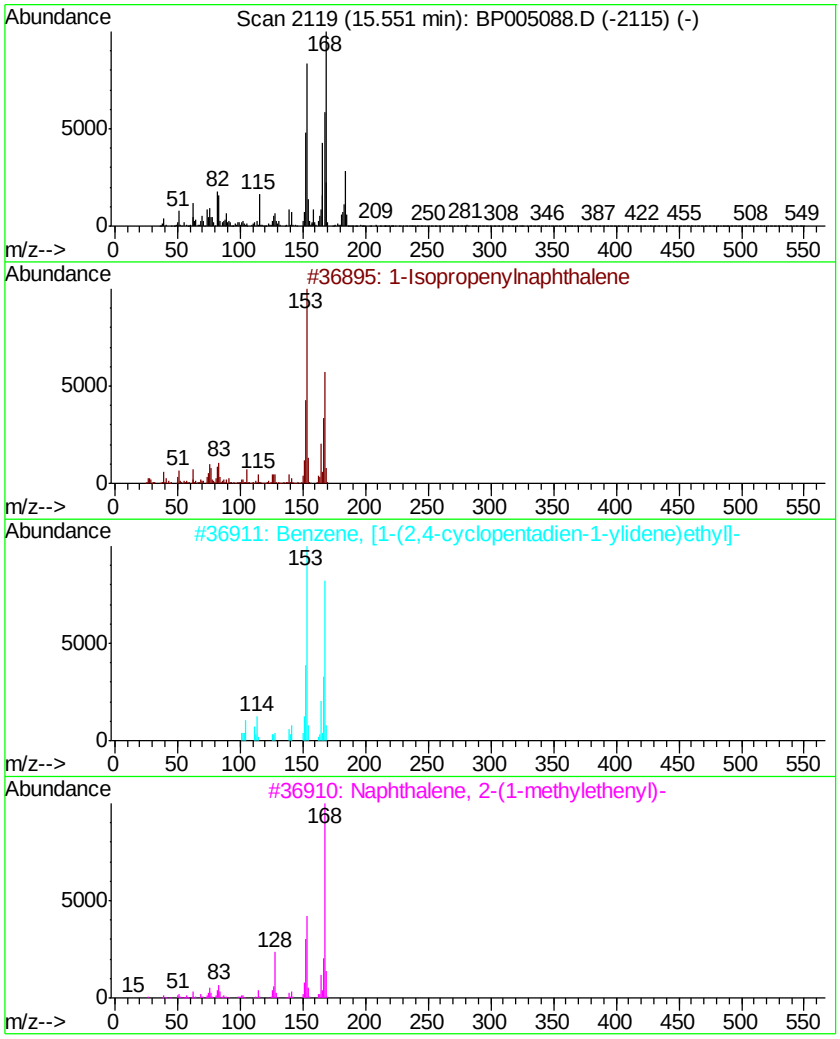
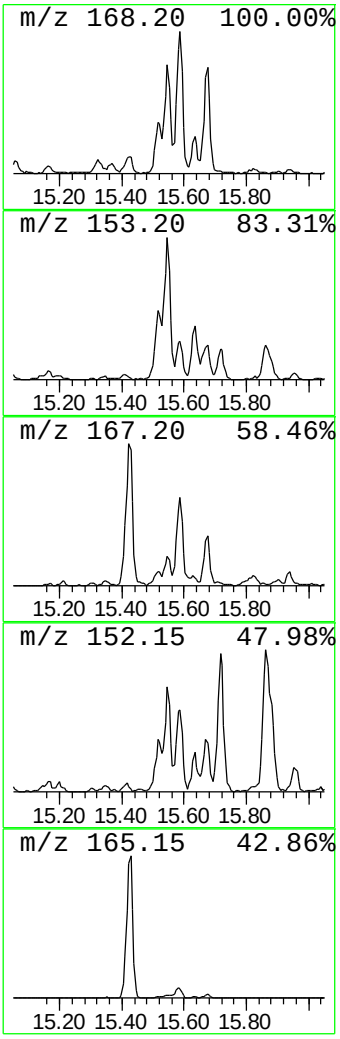
Peak Number 19 Benzene, [1-(2,4-cyclopenta... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	5.96 ng/ul	175466	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	89
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	76
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43





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Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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

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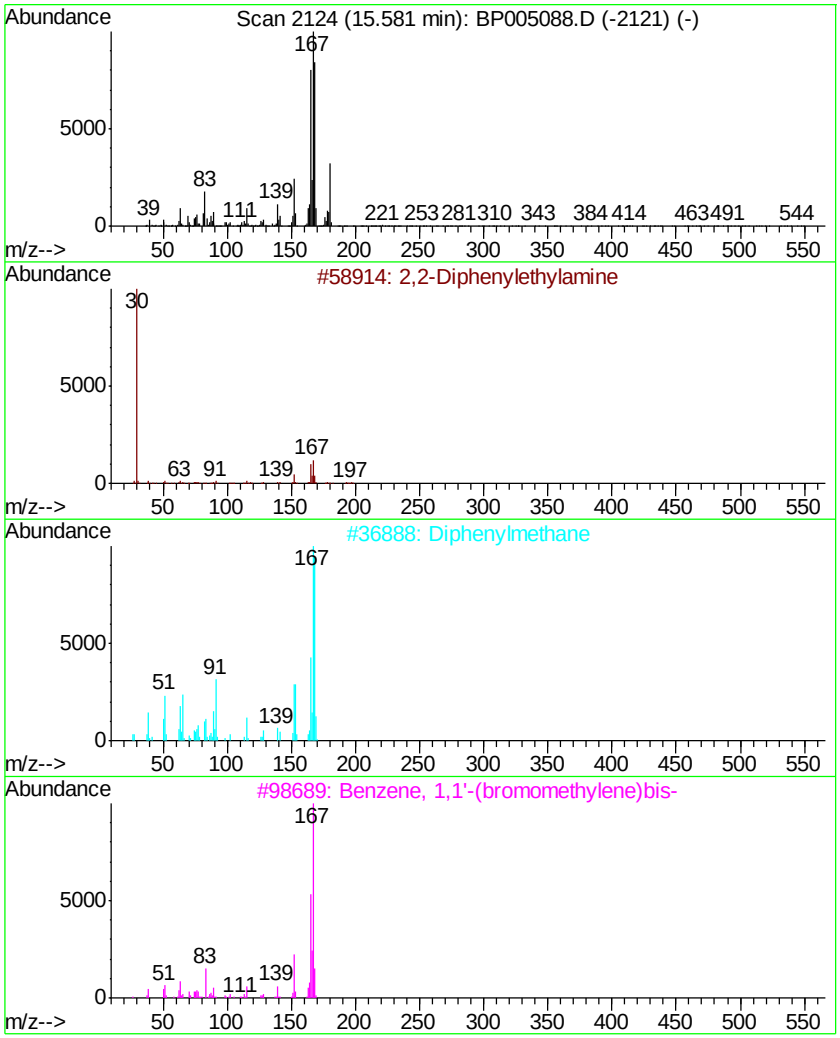
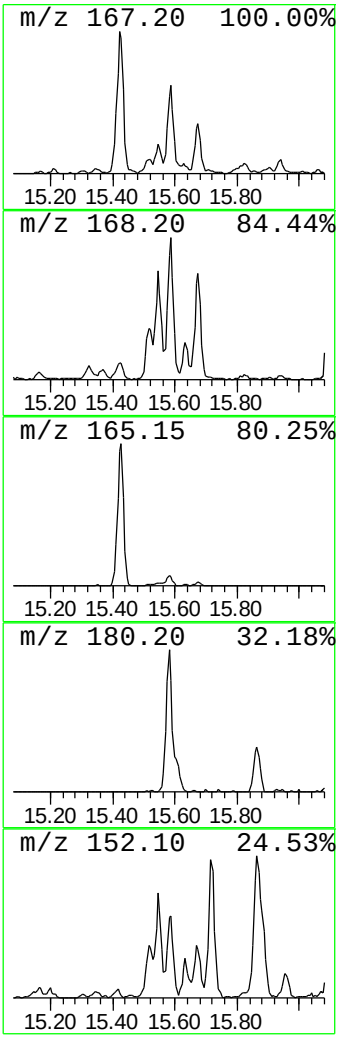
Peak Number 20 2,2-Diphenylethylamine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	9.11 ng/ul	267934	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Diphenylethylamine	197	C14H15N	003963-62-0	50
2	Diphenylmethane	168	C13H12	000101-81-5	49
3	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	49
4	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	47
5	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	43





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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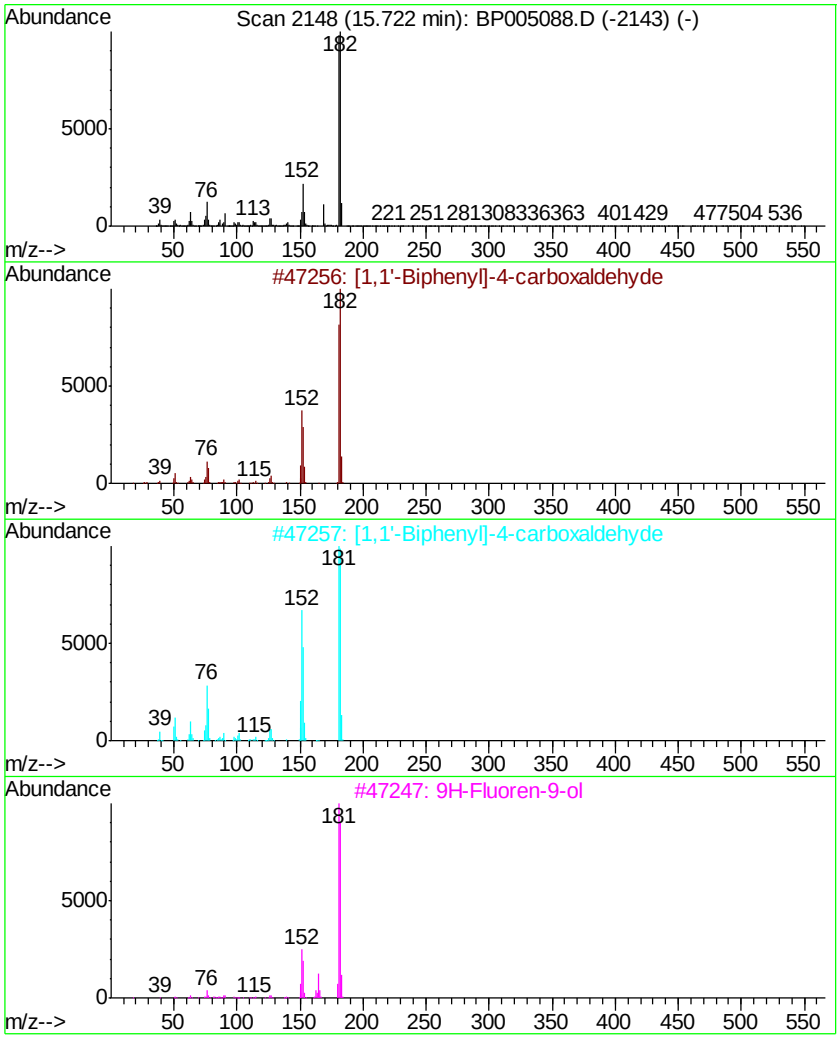
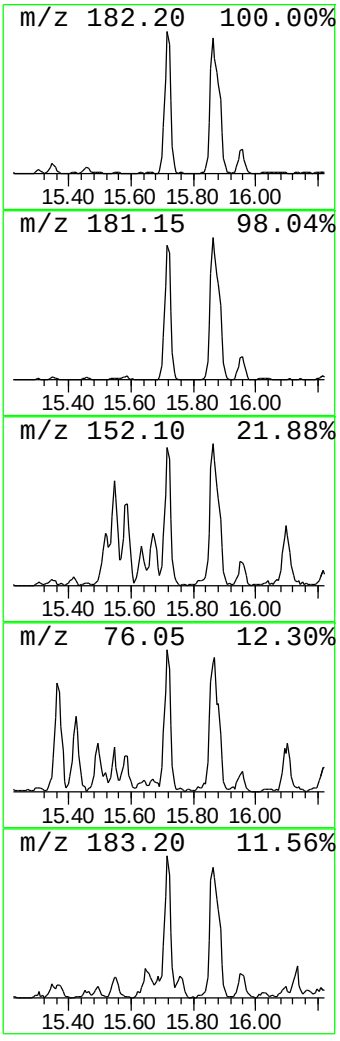
Peak Number 23 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	11.25 ng/ul	331092	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	9H-Xanthene	182	C13H10O	000092-83-1	64
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62





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ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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

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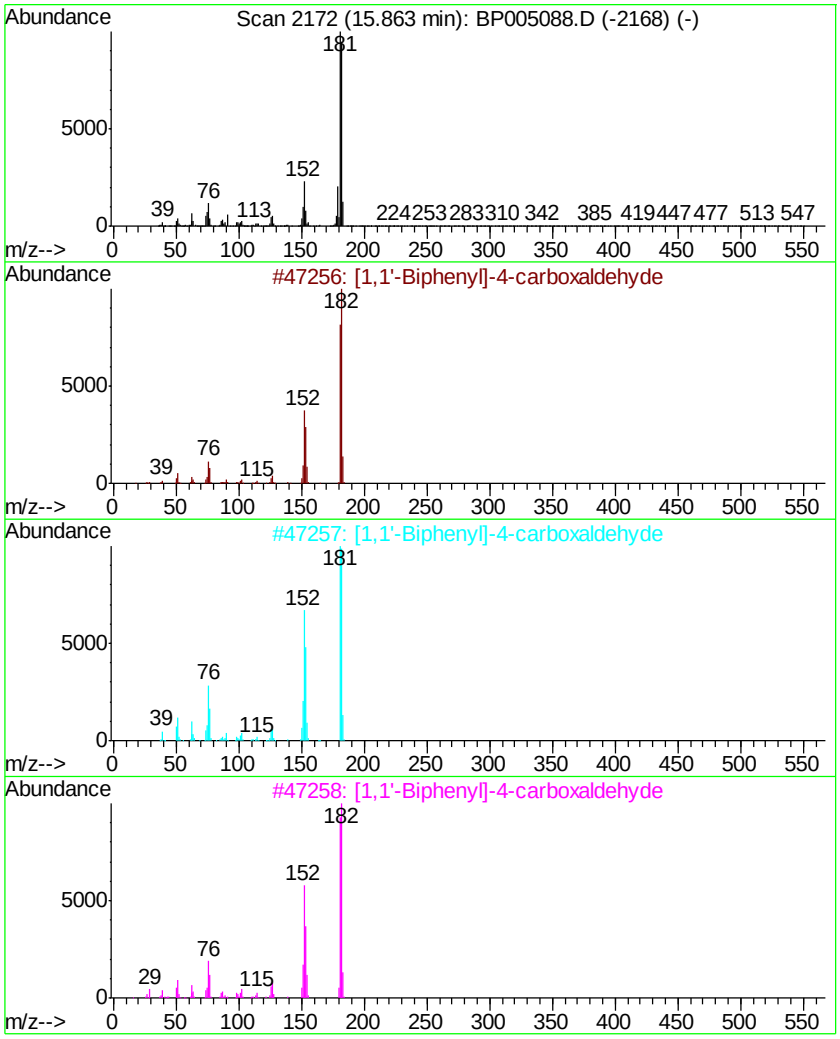
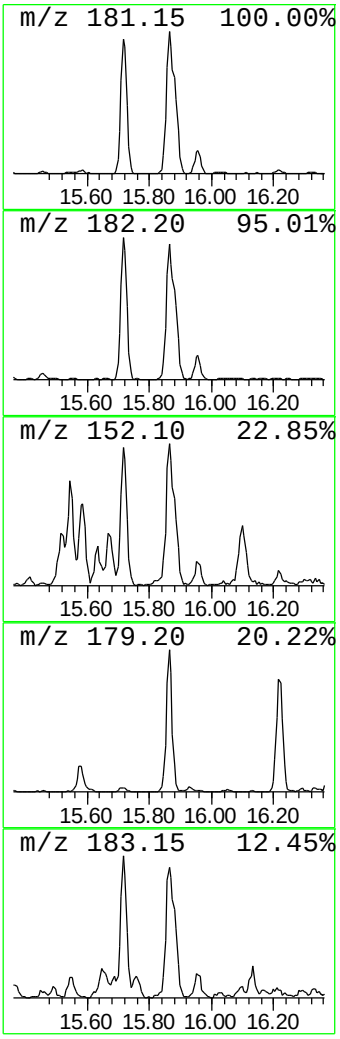
Peak Number 25 9H-Fluoren-9-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	17.61 ng/ul	455295	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	68
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	64





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Quant Title : SVOA CALIBRATION

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

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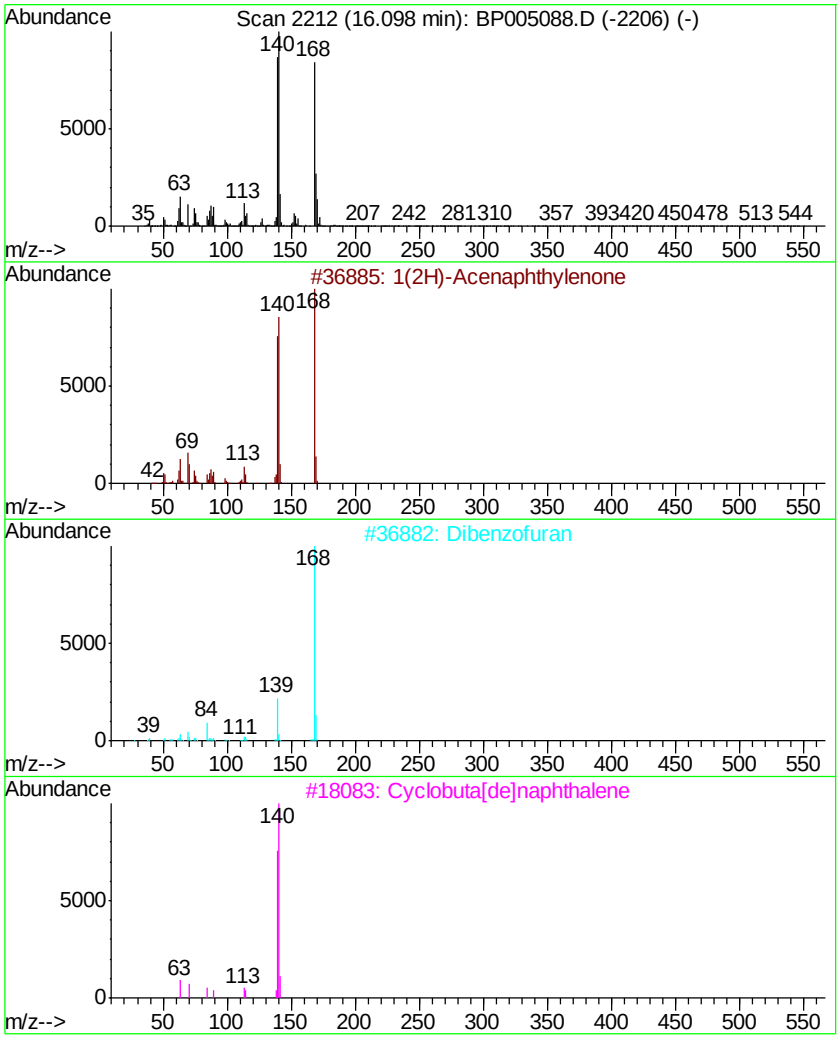
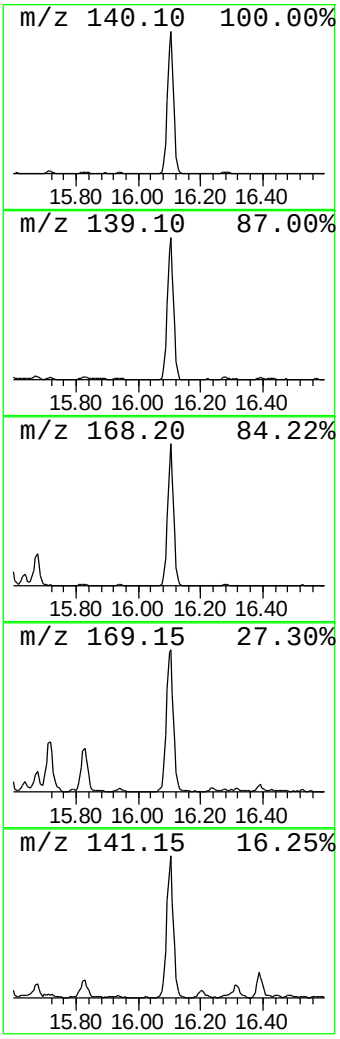
Peak Number 27 1(2H)-Acenaphthylenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	30.14 ng/ul	779409	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2	Dibenzofuran	168	C12H8O	000132-64-9	49
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46
4	Dibenzofuran	168	C12H8O	000132-64-9	42
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	38





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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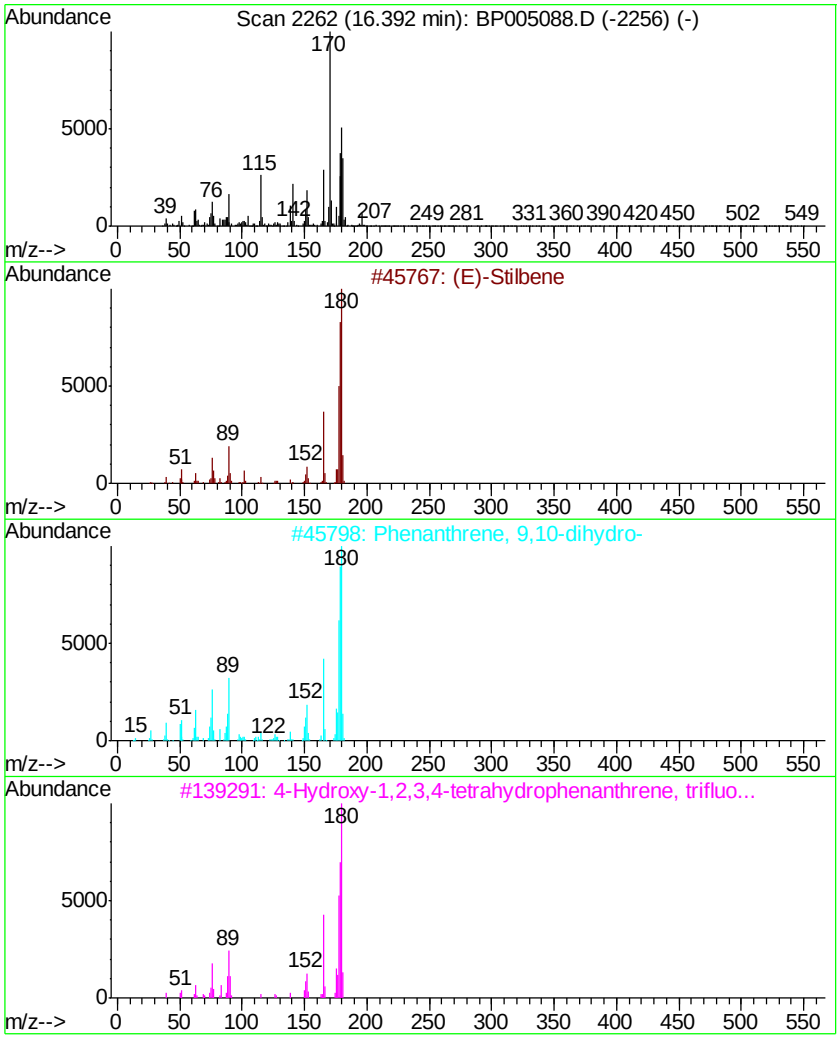
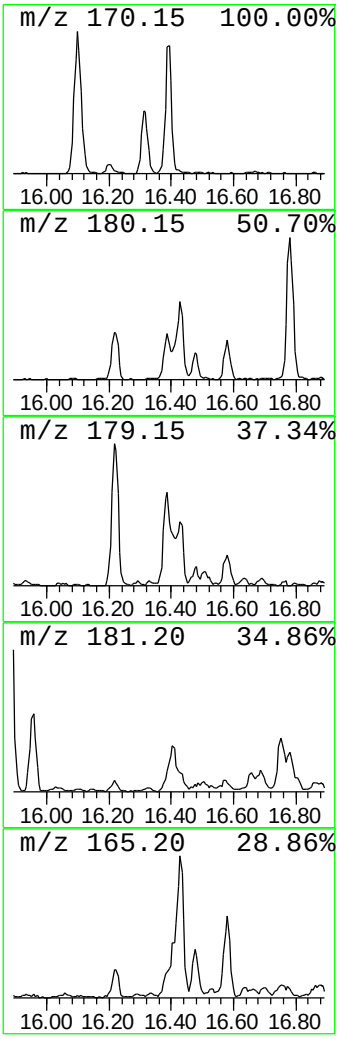
Peak Number 29 (E)-Stilbene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	5.75 ng/ul	148664	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Stilbene	180	C14H12	000103-30-0	83
2	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	80
3	4-Hydroxy-1,2,3,4-tetrahydrophen...	294	C16H13F3O2	1000365-73-0	49
4	Anthracene, 1,2-dihydro-	180	C14H12	058746-82-0	46
5	Dibenz(c,E)-5,7-dihydrothiepin 6...	244	C14H12O2S	006672-63-5	46





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Quant Title : SVOA CALIBRATION

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

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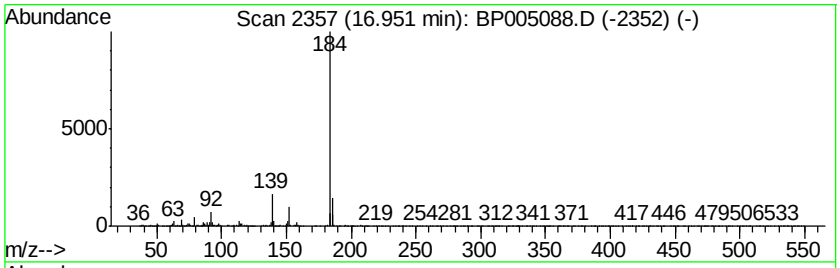
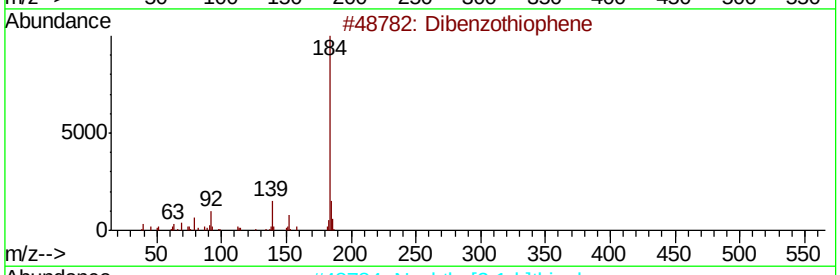
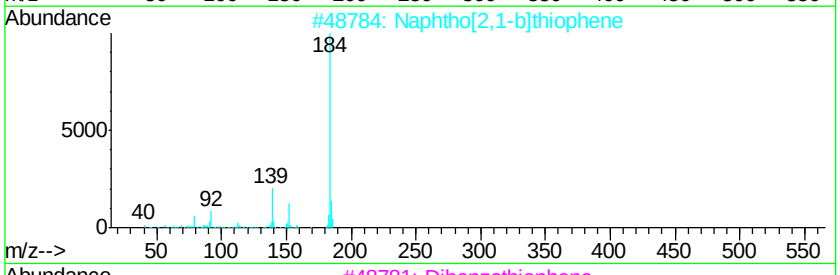
Peak Number 33 Dibenzothiophene Concentration Rank 8

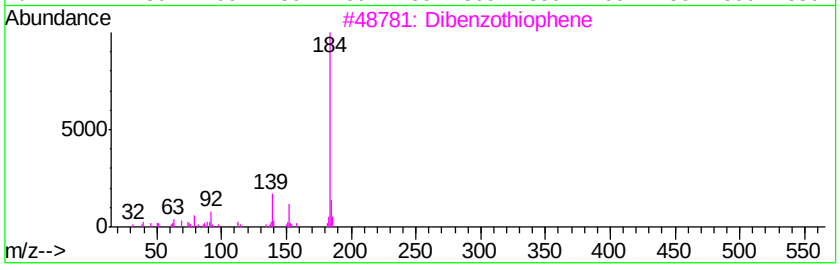
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	18.20 ng/ul	470545	Phenanthrene-d10	17.13

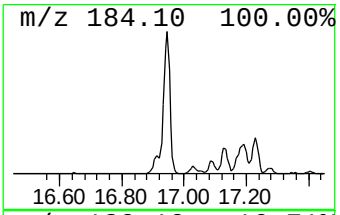
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94

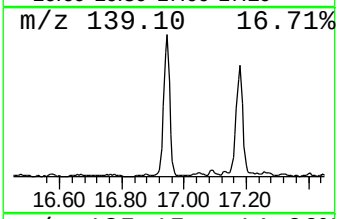


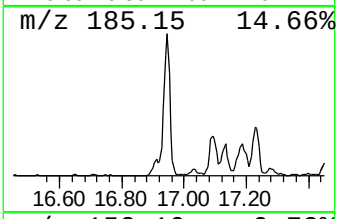


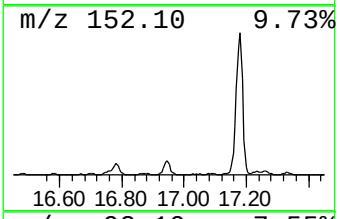


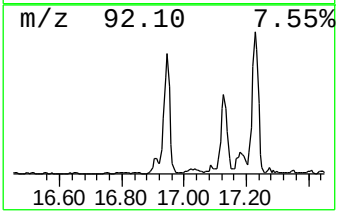












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Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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

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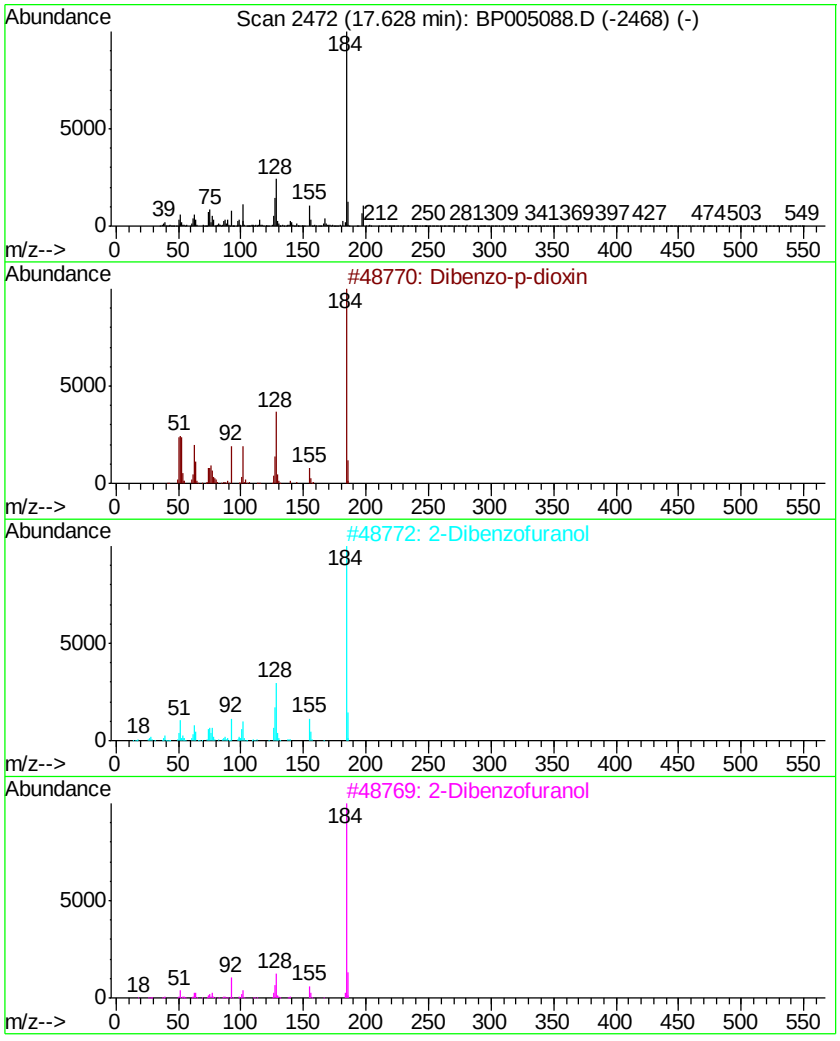
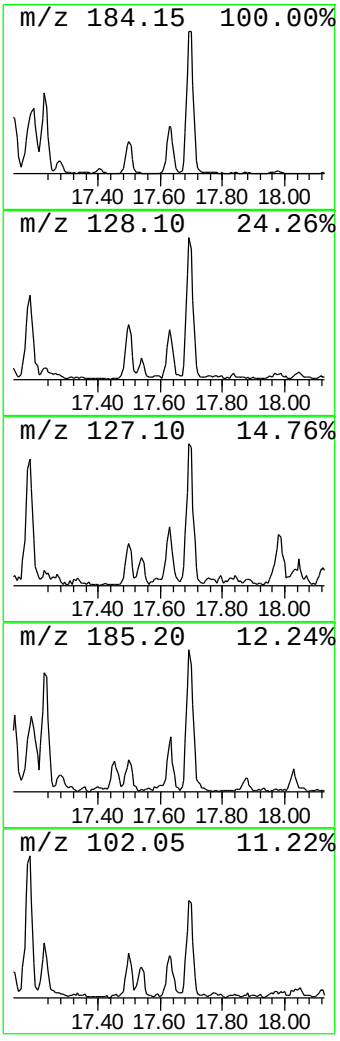
Peak Number 36 Dibenzo-p-dioxin Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	6.30 ng/ul	162800	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	83
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	83
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81





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Quant Title : SVOA CALIBRATION

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

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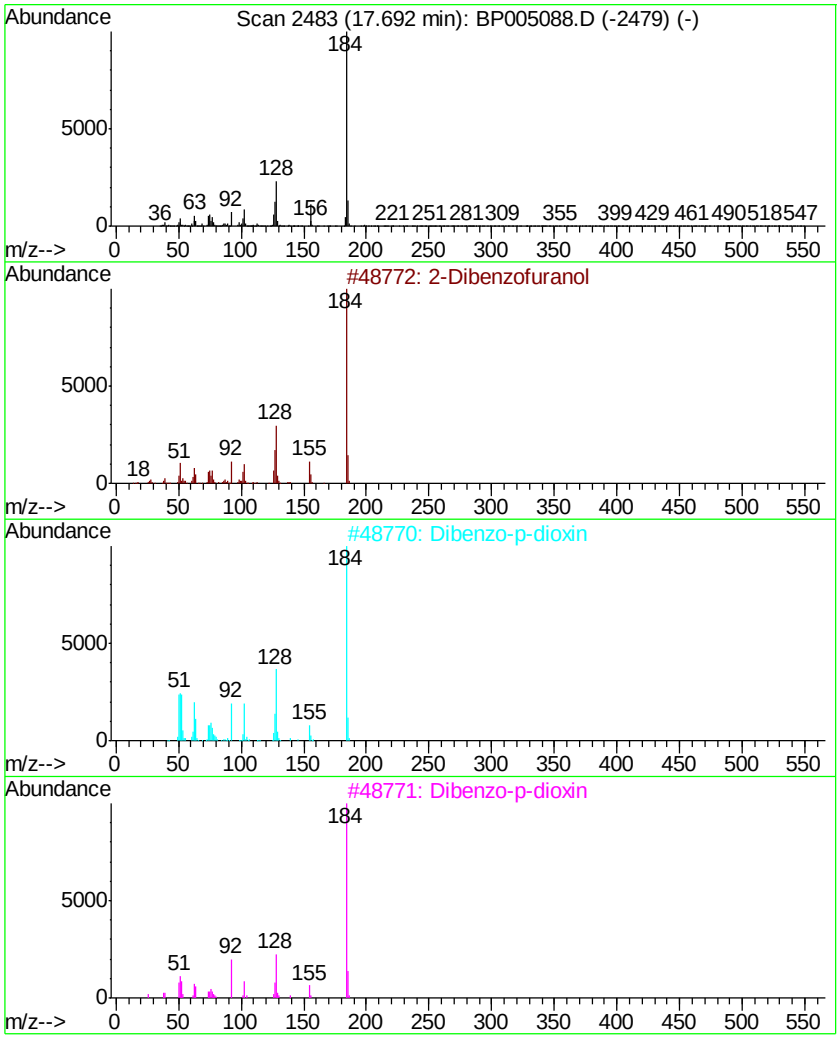
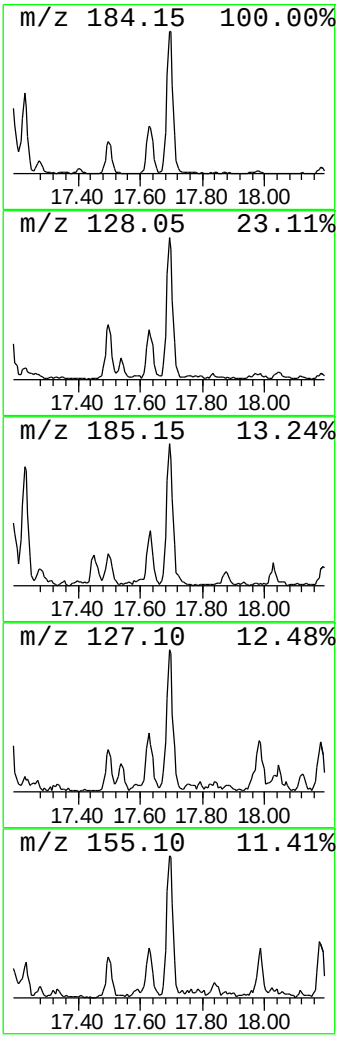
Peak Number 37 2-Dibenzofuranol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	9.21 ng/ul	238106	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86





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ClientSampleId : D8HE8

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Quant Title : SVOA CALIBRATION

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

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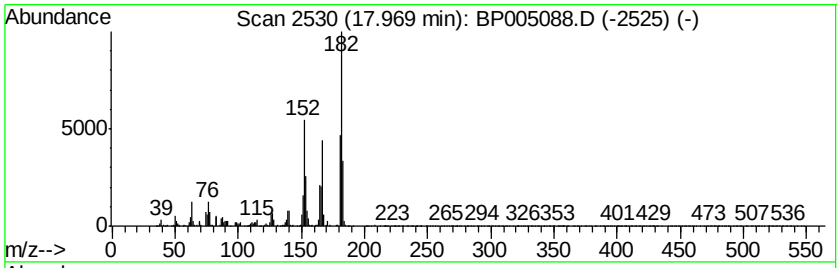
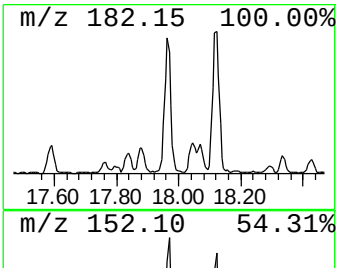
Peak Number 38 2-Hydroxyfluorene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.27 ng/ul	136309	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	89
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	50
3	cis-4-Chlorocinnamic acid	182	C9H7ClO2	005676-62-0	43
4	p-Chlorocinnamic acid	182	C9H7ClO2	001615-02-7	43
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	43





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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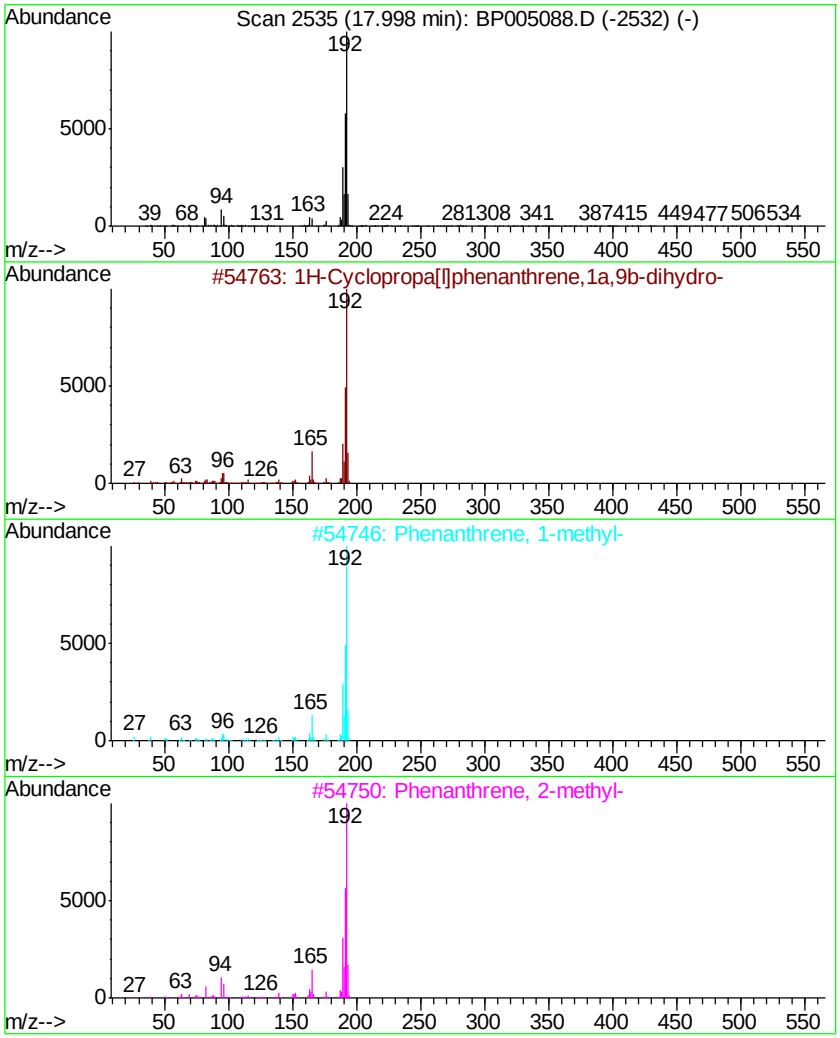
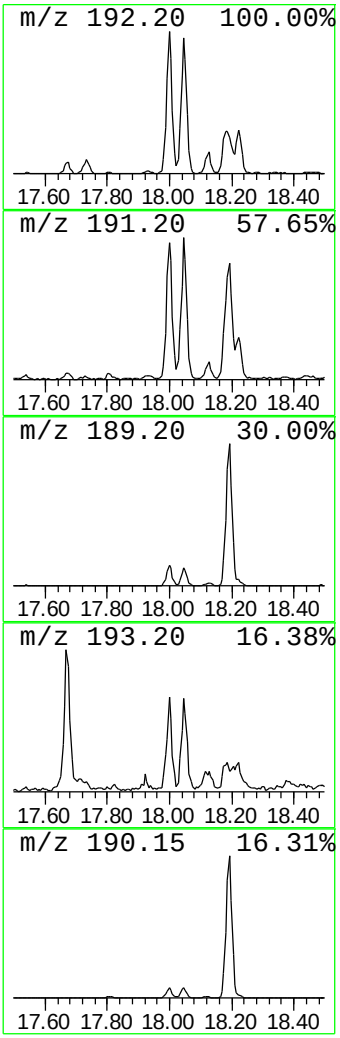
Peak Number 39 1H-Cyclopropa[l]phenanthren... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.27 ng/ul	136215	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80





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Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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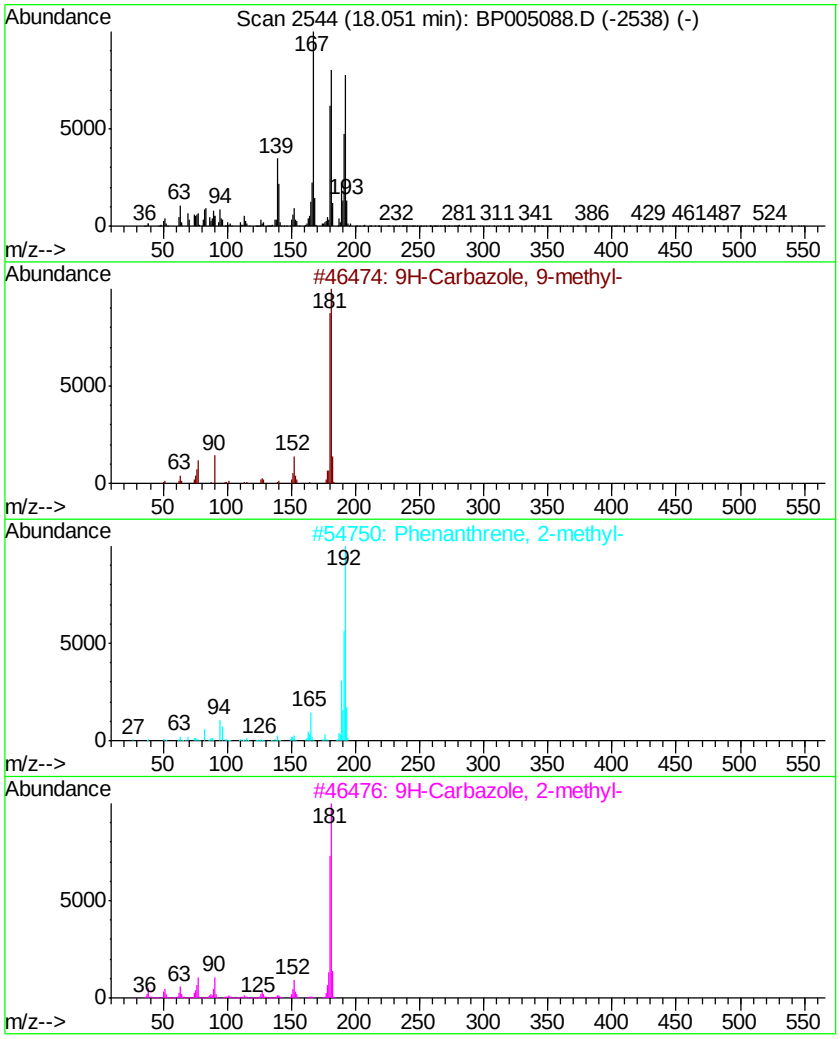
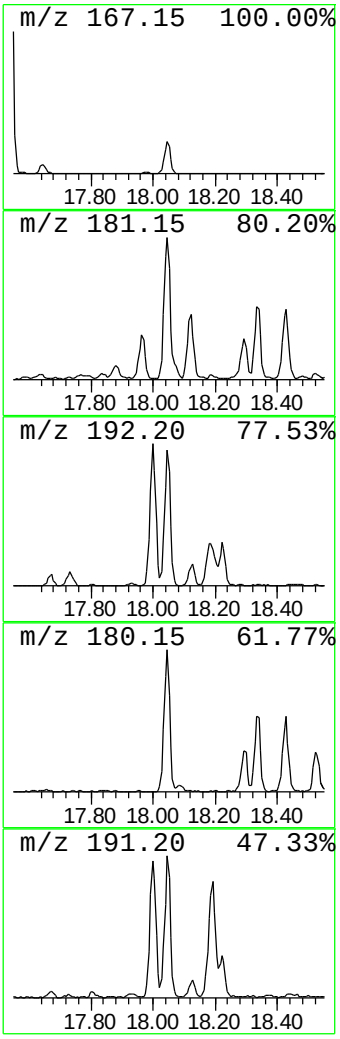
Peak Number 40 9H-Carbazole, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	18.30 ng/ul	473191	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	92
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	55
4	3-Methylcarbazole	181	C13H11N	004630-20-0	52
5	4-Methylcarbazole	181	C13H11N	003770-48-7	51





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Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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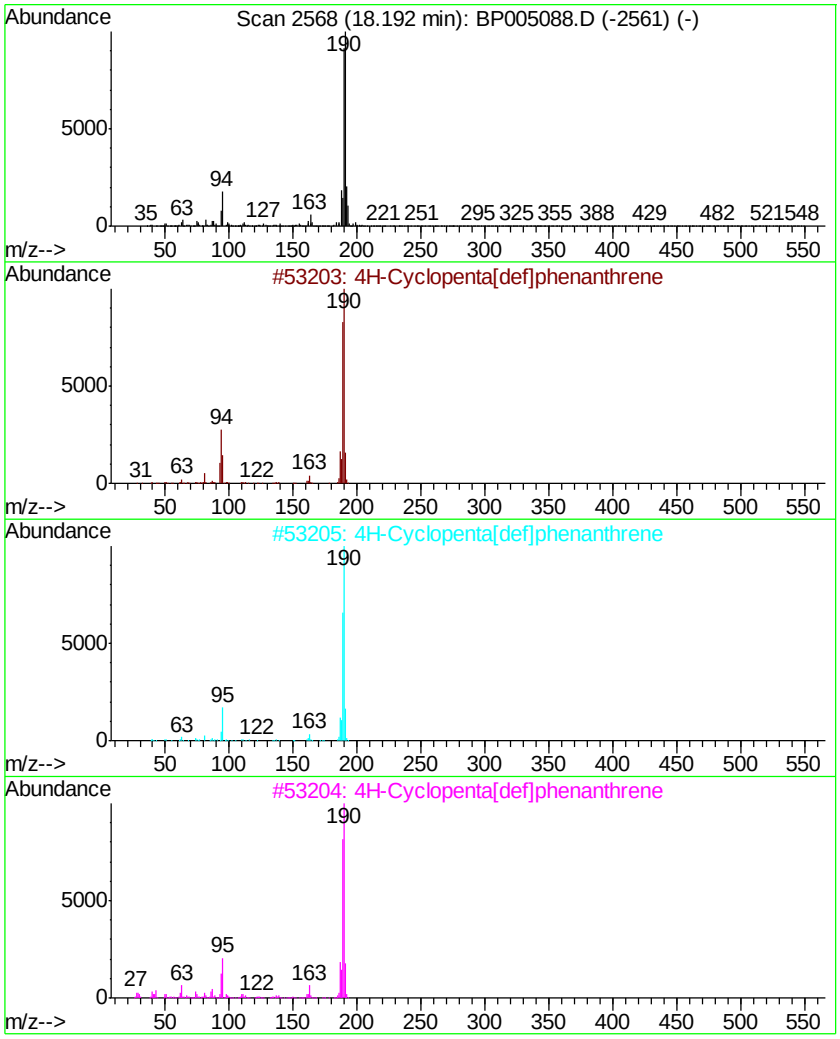
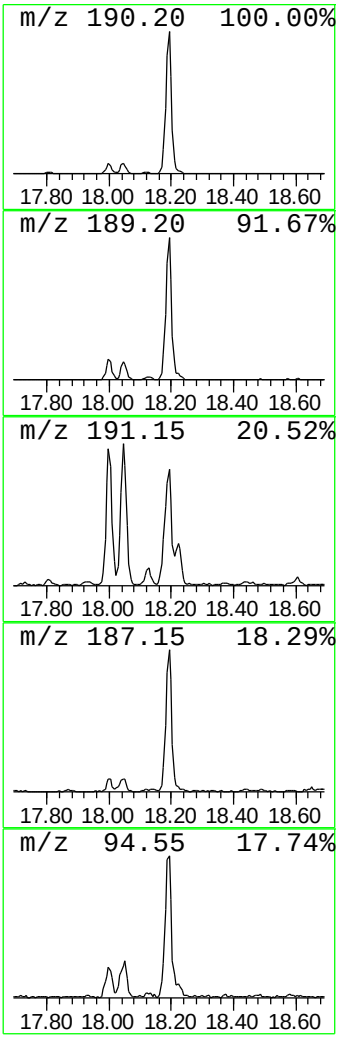
Peak Number 42 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	15.61 ng/ul	403524	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	72
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





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Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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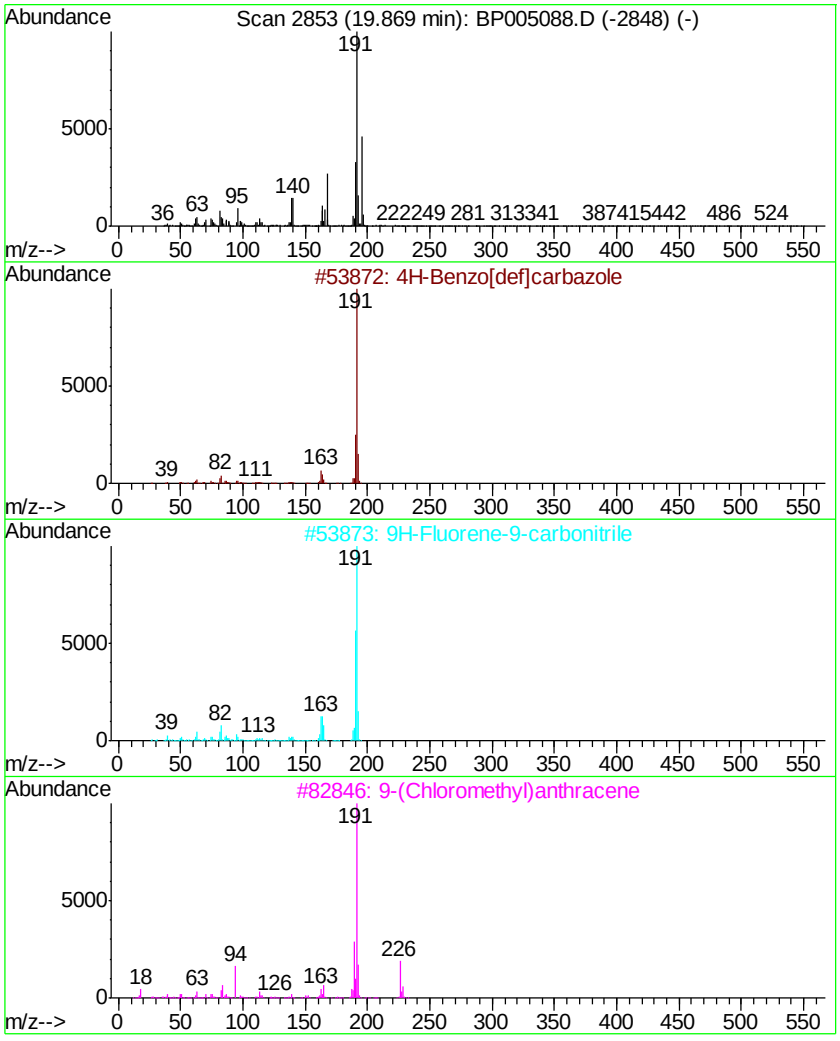
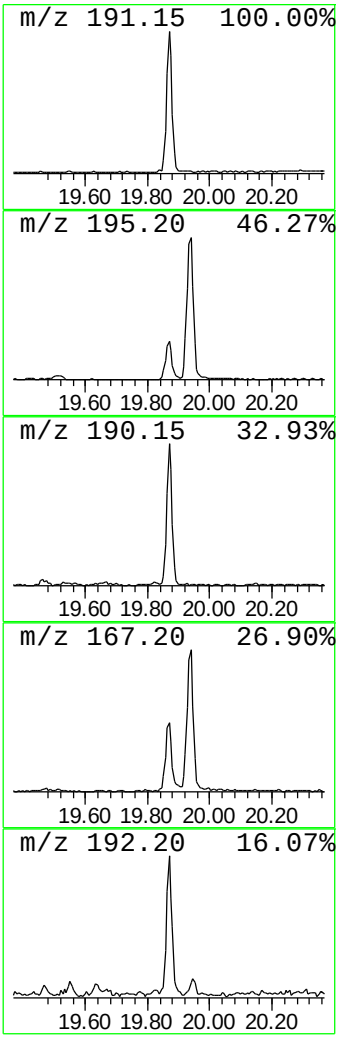
Peak Number 52 4H-Benzo[def]carbazole Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	5.96 ng/ul	175177	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	60
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	43
3	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	43
4	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	38
5	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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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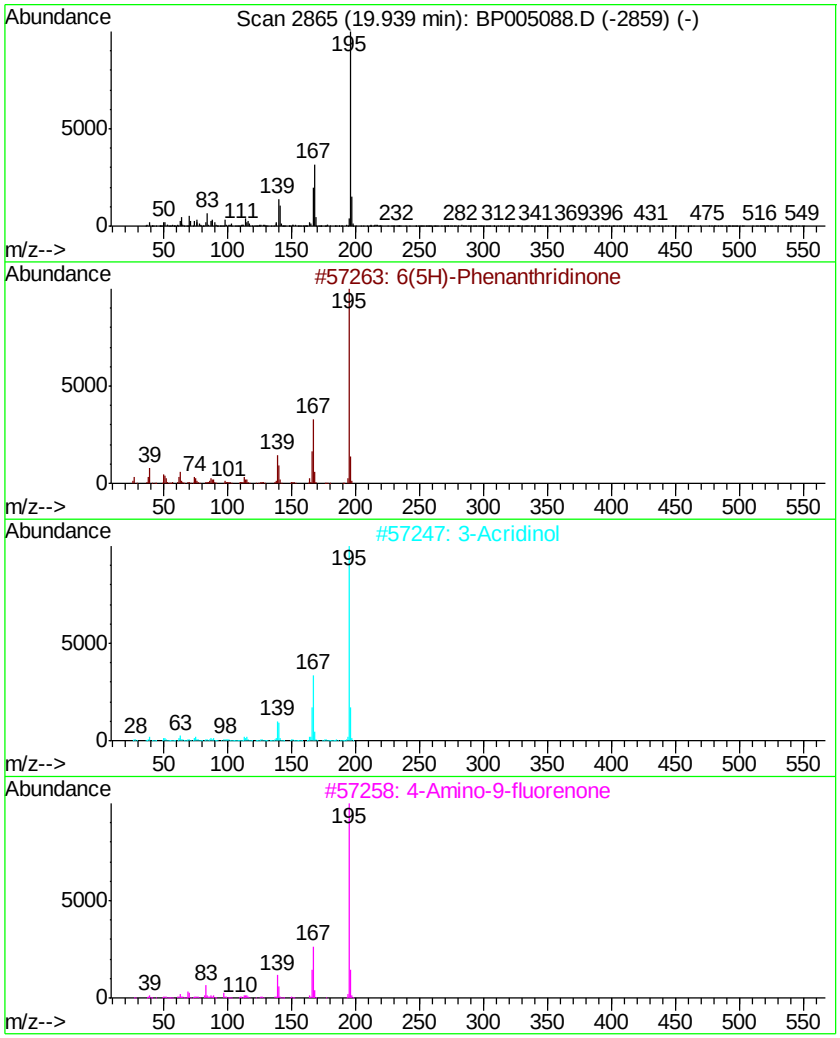
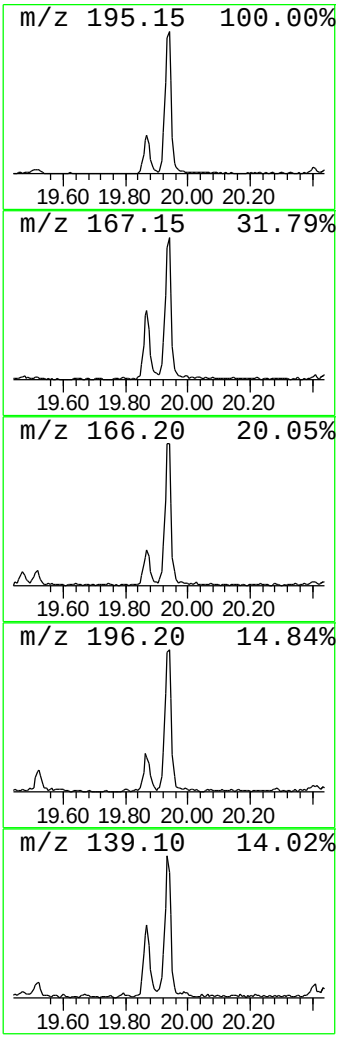
Peak Number 53 6(5H)-Phenanthridinone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	7.62 ng/ul	224056	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	3-Acridinol	195	C13H9NO	007132-70-9	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
Data File : BP005088.D
Acq On : 29 Mar 2021 23:02
Operator : CG/JU
Sample : M1800-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE8

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
Benzene, 1,2,3-tr...	7.36	7.7	ng/ul	82126	1	7.72	213360	20.0
Indane	8.09	64.6	ng/ul	689537	1	7.72	213360	20.0
Indene	8.25	99.0	ng/ul	1056650	1	7.72	213360	20.0
Benzofuran, 7-met...	9.06	7.4	ng/ul	79132	1	7.72	213360	20.0
Benzofuran, 2-met...	9.19	20.7	ng/ul	232428	2	10.51	224345	20.0
3-Phenyl-2-propyn...	9.25	5.1	ng/ul	56990	2	10.51	224345	20.0
Benzene, 2-etheny...	9.90	11.8	ng/ul	131960	2	10.51	224345	20.0
Benzo[b]thiophene...	12.07	8.2	ng/ul	91996	2	10.51	224345	20.0
Benzo[b]thiophene...	12.29	6.2	ng/ul	69357	2	10.51	224345	20.0
Naphthalene, 1-me...	12.40	117.5	ng/ul	1317740	2	10.51	224345	20.0
Naphthalene, 1-et...	13.39	10.6	ng/ul	313067	3	14.37	588415	20.0
Naphthalene, 2,6-...	13.52	8.1	ng/ul	238104	3	14.37	588415	20.0
Naphthalene, 2,3-...	13.69	14.0	ng/ul	410732	3	14.37	588415	20.0
2-Naphthalenecarb...	14.50	24.4	ng/ul	716786	3	14.37	588415	20.0
1-Isopropenylnaph...	14.68	5.2	ng/ul	152152	3	14.37	588415	20.0
Benzene, [1-(2,4-...	15.55	6.0	ng/ul	175466	3	14.37	588415	20.0
2,2-Diphenylethyl...	15.58	9.1	ng/ul	267934	3	14.37	588415	20.0
[1,1'-Biphenyl]-4...	15.72	11.3	ng/ul	331092	3	14.37	588415	20.0
9H-Fluoren-9-ol	15.86	17.6	ng/ul	455295	4	17.13	517166	20.0
1(2H)-Acenaphthyl...	16.10	30.1	ng/ul	779409	4	17.13	517166	20.0
(E)-Stilbene	16.39	5.8	ng/ul	148664	4	17.13	517166	20.0
Dibenzothiophene	16.95	18.2	ng/ul	470545	4	17.13	517166	20.0
Dibenzo-p-dioxin	17.63	6.3	ng/ul	162800	4	17.13	517166	20.0
2-Dibenzofuranol	17.69	9.2	ng/ul	238106	4	17.13	517166	20.0
2-Hydroxyfluorene	17.97	5.3	ng/ul	136309	4	17.13	517166	20.0
1H-Cyclopropa[l]p...	18.00	5.3	ng/ul	136215	4	17.13	517166	20.0
9H-Carbazole, 9-m...	18.05	18.3	ng/ul	473191	4	17.13	517166	20.0
4H-Cyclopenta[def...	18.19	15.6	ng/ul	403524	4	17.13	517166	20.0
4H-Benzo[def]carb...	19.87	6.0	ng/ul	175177	5	21.22	588111	20.0
6(5H)-Phenanthrid...	19.94	7.6	ng/ul	224056	5	21.22	588111	20.0