LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

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-BP020821MA.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	5.416	372	379	390	rBV	53723	111629	0.37%	0.165%
2	5.787	433	442	448	rBV2	64229	115604	0.39%	0.171%
3	6.946	629	639	653	rVB3	60528	143857	0.48%	0.212%
4	7.099	659	665	671	rBV	170036	268763	0.90%	0.397%
5	7.299	693	699	709	rVB	217615	351469	1.18%	0.519%
6	7.410	709	718	724	rVV	62970	100731	0.34%	0.149%
7	7.487	724	731	742	rVB	294599	445473	1.49%	0.657%
8	7.763	769	778	787	rBV	201383	325952	1.09%	0.481%
9	7.875	792	797	805	rVB	32926	52240	0.18%	0.077%
10	8.134	833	841	848	rBV	72350	115551	0.39%	0.171%
11	8.299	858	869	880	rVB	555323	892613	2.99%	1.317%
12	8.481	892	900	907	rBV	170325	267966	0.90%	0.396%
13	8.610	916	922	930	rVB	198207	314838	1.06%	0.465%
14	8.922	969	975	984	rVV	227144	398291	1.34%	0.588%
15	9.116	1000	1008	1016	rVB2	50623	87680	0.29%	0.129%
16	9.240	1016	1029	1035	rBV2	154820	332984	1.12%	0.491%
17	9.304	1035	1040	1044	rVV	29868	45471	0.15%	0.067%
18	9.646	1088	1098	1104	rBV	209770	356036	1.19%	0.525%
19	9.957	1145	1151	1161	rBV4	29214	79049	0.27%	0.117%
20	10.193	1184	1191	1199	rBV	300829	510762	1.71%	0.754%
21	10.498	1226	1243	1247	rBV6	30218	89044	0.30%	0.131%
22	10.563	1247	1254	1256	rVV	199004	335416	1.12%	0.495%
23	10.640	1256	1267	1272	rVV	14621239	29815033	100.00%	44.005%
24	10.734	1272	1283	1293	rVB	1126648	1853148	6.22%	2.735%
25	10.934	1310	1317	1322	rBV4	54999	109250	0.37%	0.161%
26	11.169	1350	1357	1364	rVV5	21256	51455	0.17%	0.076%
27	11.593	1422	1429	1434	rBV	28770	46703	0.16%	0.069%
28	11.645	1434	1438	1444	rBV3	24058	51690	0.17%	0.076%
29	11.945	1482	1489	1499	rVB7	18947	56786	0.19%	0.084%
30	12.116	1508	1518	1524	rBV2	54932	117537	0.39%	0.173%
31	12.175	1524	1528	1530	rVV3	25158	39483	0.13%	0.058%
32	12.228	1530	1537	1543	rVV	1474239	2247357	7.54%	3.317%
33	12.340	1551	1556	1562	rVV	47278	85321	0.29%	0.126%
34	12.445	1563	1574	1581	rVB	817290	1297007	4.35%	1.914%

LSC Area Percent Report

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Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

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-BP020821MA.M
Title : SVOA CALIBRATION

35	12.563	1589	1594	1597	rBV2	30361	44452	0.15%	0.066%
36	12.604	1597	1601	1610	rVB	55969	91402	0.31%	0.135%
37	12.869	1642	1646	1648	rBV3	31578	42795	0.14%	0.063%
38	13.134	1685	1691	1700	rVB3	46825	84225	0.28%	0.124%
39	13.240	1700	1709	1718	rBV	368193	563088	1.89%	0.831%
40	13.440	1736	1743	1753	rVB2	63461	154673	0.52%	0.228%
41	13.581	1755	1767	1775	rBV4	164857	350202	1.17%	0.517%
42	13.728	1786	1792	1797	rBV	103031	176615	0.59%	0.261%
43	13.787	1797	1802	1804	rVV	56876	90954	0.31%	0.134%
44	13.822	1804	1808	1813	rVV	568808	776949	2.61%	1.147%
45	13.869	1813	1816	1820	rVB	41097	51649	0.17%	0.076%
46	13.969	1828	1833	1837	rBV2	43175	74384	0.25%	0.110%
47	14.104	1850	1856	1867	rVB	611791	1054739	3.54%	1.557%
48	14.410	1898	1908	1914	rBV	391310	629076	2.11%	0.928%
49	14.475	1914	1919	1926	rVV	987034	1468560	4.93%	2.168%
50	14.545	1926	1931	1936	rVB	458330	644423	2.16%	0.951%
51	14.634	1941	1946	1951	rBV	56542	84158	0.28%	0.124%
52	14.692	1951	1956	1961	rBV	108492	155468	0.52%	0.229%
53	14.757	1961	1967	1971	rBV	118491	165849	0.56%	0.245%
54	14.816	1971	1977	1985	rVB	903558	1361952	4.57%	2.010%
55	14.963	1996	2002	2006	rBV	331992	487648	1.64%	0.720%
56	15.045	2011	2016	2021	rVB	114374	170800	0.57%	0.252%
57	15.334	2060	2065	2072	rBV6	21203	52473	0.18%	0.077%
58	15.410	2072	2078	2083	rVV	789837	1130957	3.79%	1.669%
59	15.463	2083	2087	2093	rVV	671909	924866	3.10%	1.365%
60	15.528	2093	2098	2101	rVV	267345	374119	1.25%	0.552%
61	15.563	2101	2104	2112	rVV2	99743	194946	0.65%	0.288%
62	15.639	2112	2117	2121	rVV6	29426	77522	0.26%	0.114%
63	15.686	2121	2125	2129	rVV3	50564	87610	0.29%	0.129%
64	15.757	2133	2137	2144	rVV2	59797	93208	0.31%	0.138%
65	15.851	2144	2153	2158	rVV2	16108	51148	0.17%	0.075%
66	15.904	2158	2162	2172	rVB3	61256	127385	0.43%	0.188%
67	16.133	2196	2201	2209	rVB3	104552	167345	0.56%	0.247%
68	16.357	2229	2239	2246	rBV	138652	222189	0.75%	0.328%
69	16.433	2246	2252	2257	rBV	315650	438681	1.47%	0.647%
70	16.528	2264	2268	2275	rVB9	16481	38606	0.13%	0.057%
71	16.669	2287	2292	2297	rBV5	28536	61028	0.20%	0.090%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

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-BP020821MA.M
Title : SVOA CALIBRATION

72	16.822	2310	2318	2326	rVB2	571450	890686	2.99%	1.315%
73	16.980	2340	2345	2349	rBV2	48565	74163	0.25%	0.109%
74	17.128	2366	2370	2373	rBV	82283	109969	0.37%	0.162%
75	17.169	2373	2377	2380	rVV	459158	609339	2.04%	0.899%
76	17.210	2380	2384	2389	rVV	484952	714228	2.40%	1.054%
77	17.269	2389	2394	2399	rVB	850580	1165801	3.91%	1.721%
78	17.580	2437	2447	2454	rBV	2210171	3192272	10.71%	4.712%
79	17.669	2458	2462	2468	rBV2	36901	59547	0.20%	0.088%
80	17.733	2468	2473	2478	rBV	363787	498978	1.67%	0.736%
81	17.875	2493	2497	2501	rVB2	41212	58636	0.20%	0.087%
82	17.927	2501	2506	2510	rBV5	22879	42769	0.14%	0.063%
83	18.004	2516	2519	2527	rVB6	27574	55944	0.19%	0.083%
84	18.086	2528	2533	2536	rVV	84466	123162	0.41%	0.182%
85	18.122	2536	2539	2542	rVV	62625	91821	0.31%	0.136%
86	18.157	2542	2545	2551	rVB	113650	146705	0.49%	0.217%
87	18.216	2551	2555	2561	rBV4	42182	74030	0.25%	0.109%
88	18.375	2579	2582	2586	rVV2	54258	76160	0.26%	0.112%
89	18.410	2586	2588	2593	rVB2	42974	46374	0.16%	0.068%
90	18.469	2593	2598	2603	rBV2	63364	100750	0.34%	0.149%
91	18.522	2603	2607	2610	rVV	64480	85098	0.29%	0.126%
92	18.563	2610	2614	2619	rVB2	42219	58717	0.20%	0.087%
93	19.010	2686	2690	2695	rBV	74865	103745	0.35%	0.153%
94	19.269	2730	2734	2743	rVB3	48001	98832	0.33%	0.146%
95	19.504	2768	2774	2779	rBV	1125971	1533815	5.14%	2.264%
96	19.963	2848	2852	2859	rVB	166334	227656	0.76%	0.336%
97	20.598	2956	2960	2964	rVB3	48621	63960	0.21%	0.094%
98	21.251	3066	3071	3076	rBV	655177	779312	2.61%	1.150%
99	23.410	3431	3438	3450	rVB	815126	1603695	5.38%	2.367%
100	23.557	3457	3463	3474	rVB2	395699	788897	2.65%	1.164%

Sum of corrected areas: 67753394

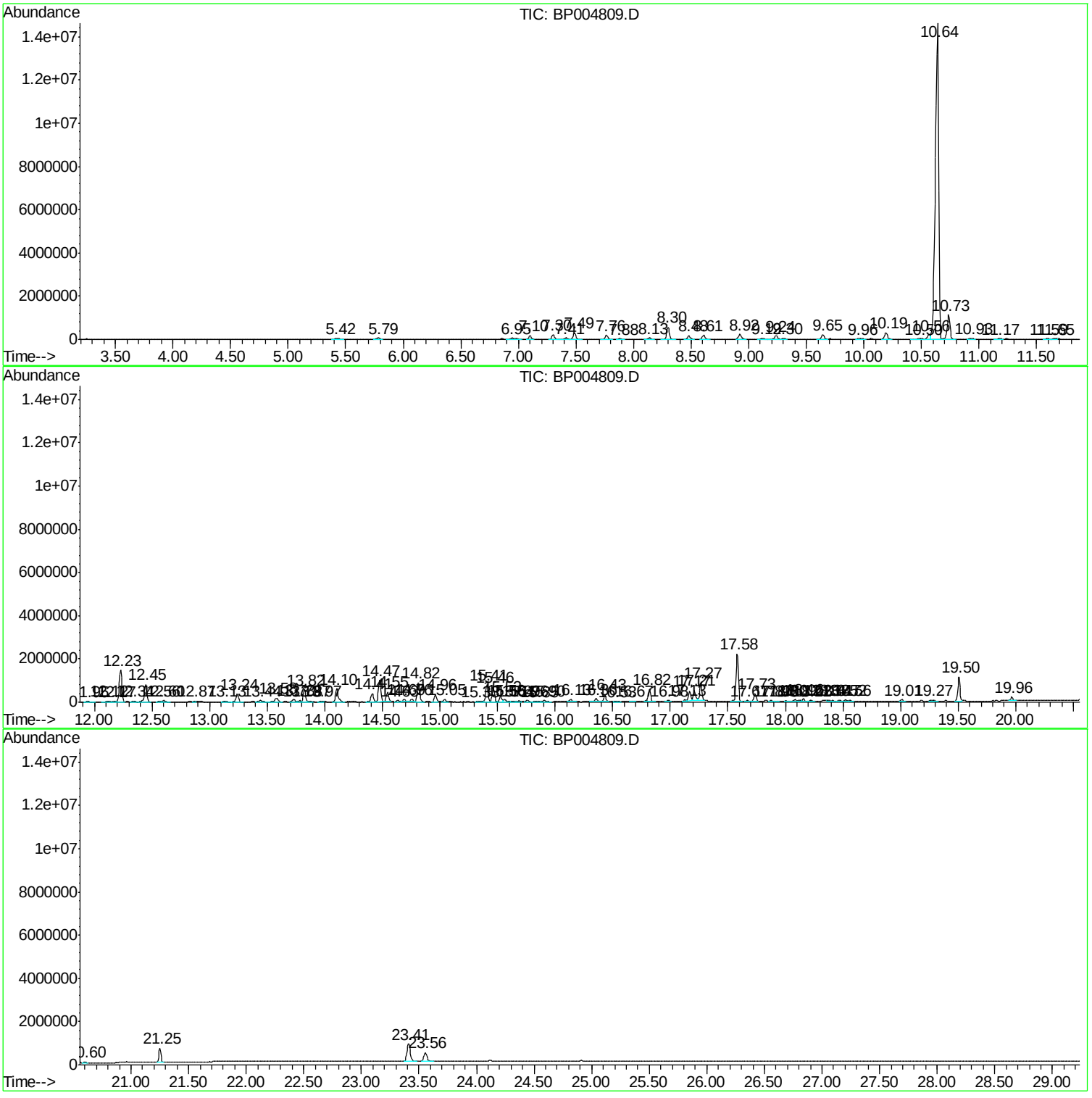
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.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\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
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Sample : M1408-10
Misc :
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Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

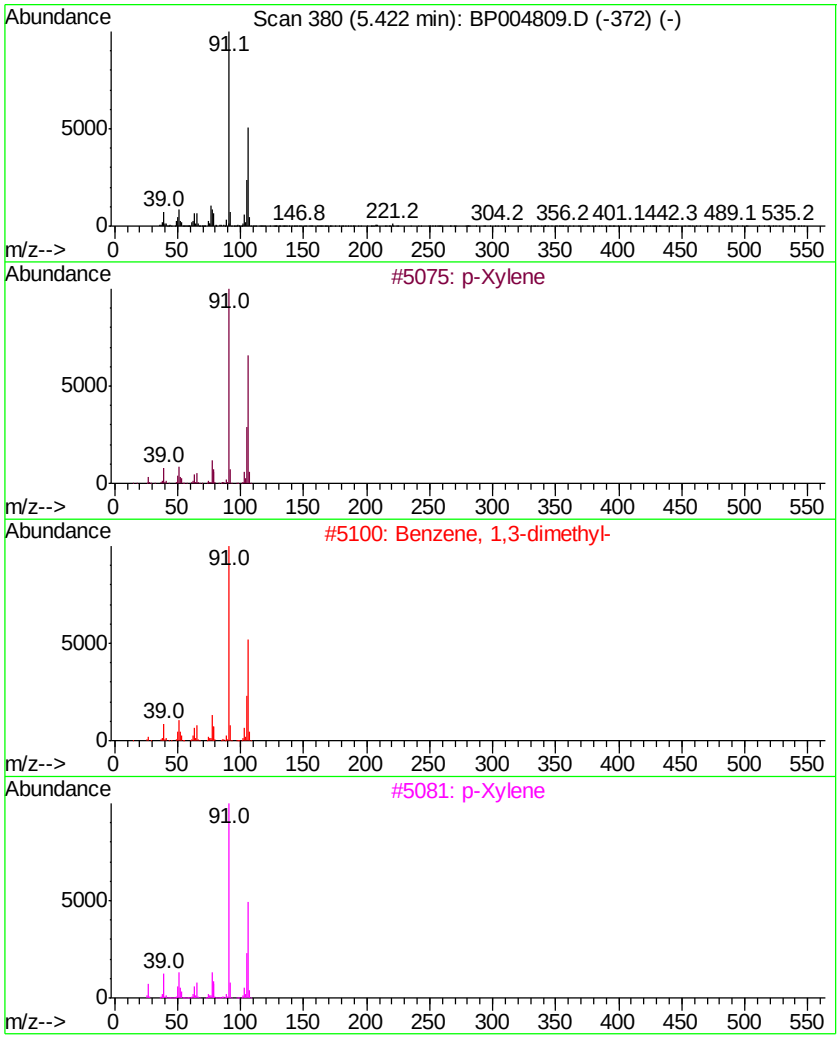
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

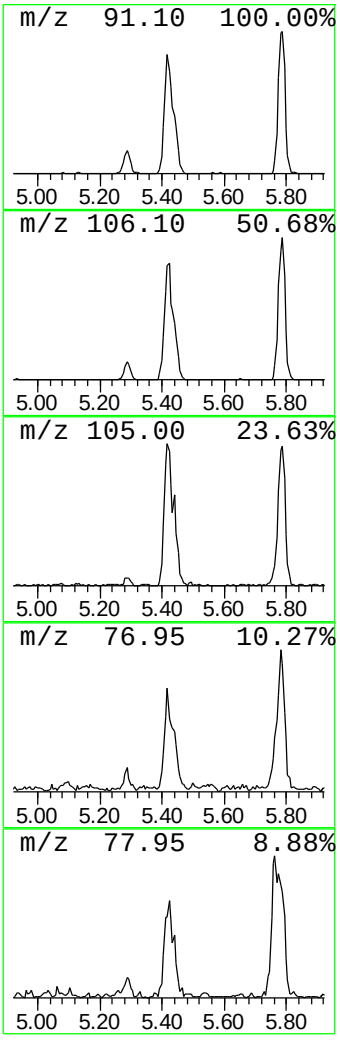
****

Peak Number 1 p-Xylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	6.85 ng/ul	111629	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
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Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

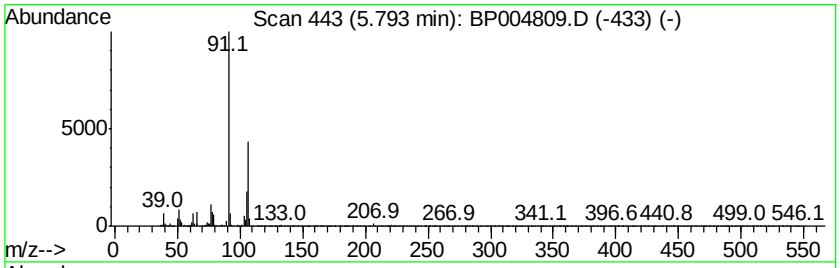
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

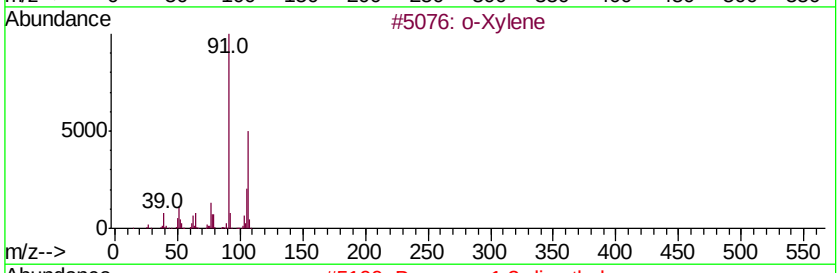
****

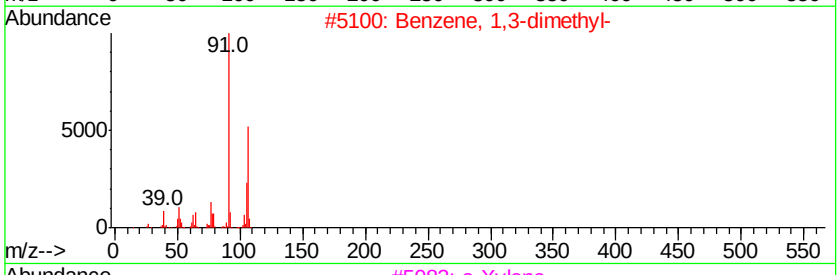
Peak Number 2 o-Xylene Concentration Rank 12

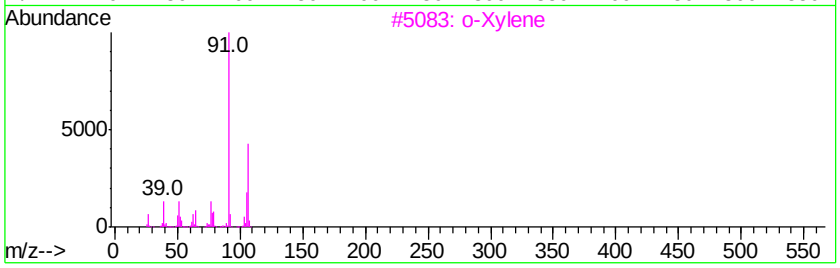
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	7.09 ng/ul	115604	1,4-Dichlorobenzene-d4	7.76

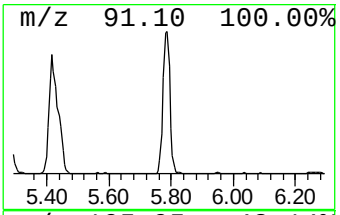
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95

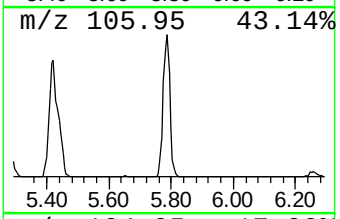


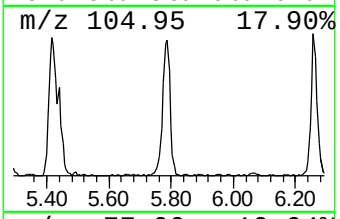


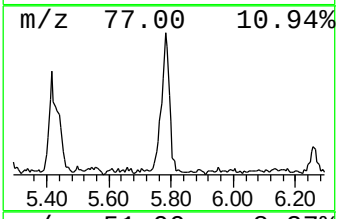


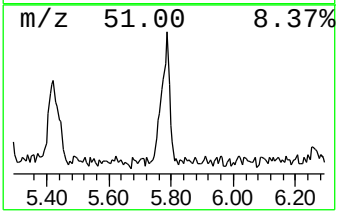












Library Search Compound Report

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Data File : BP004809.D
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Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

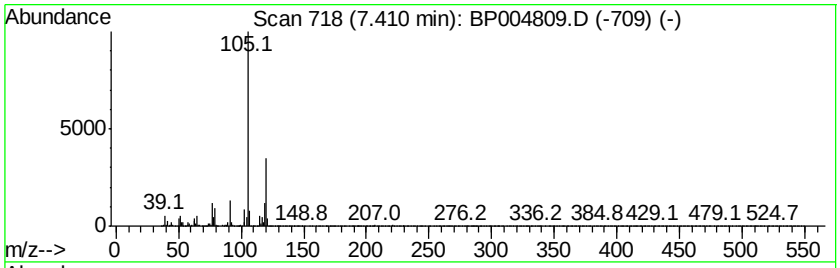
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

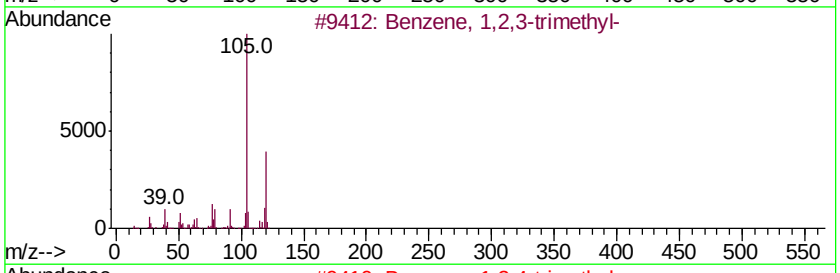
****

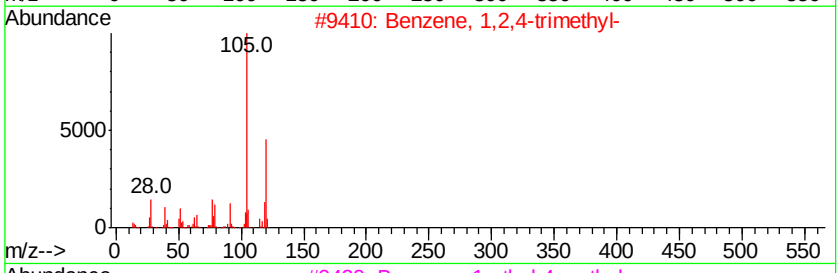
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 17

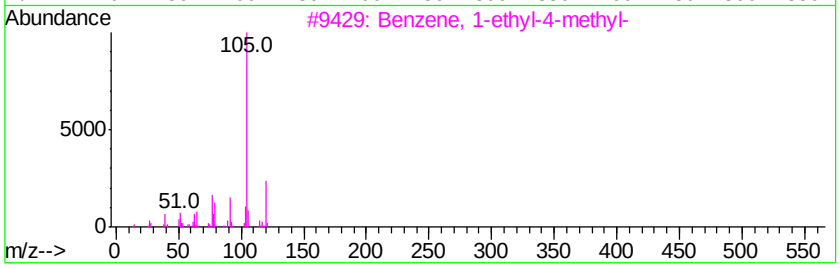
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	6.18 ng/ul	100731	1,4-Dichlorobenzene-d4	7.76

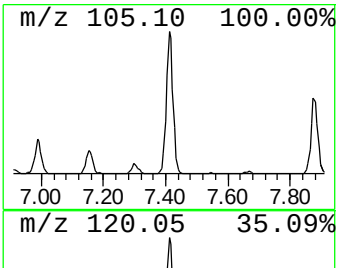
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91

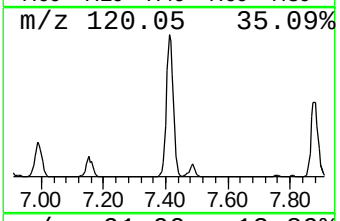


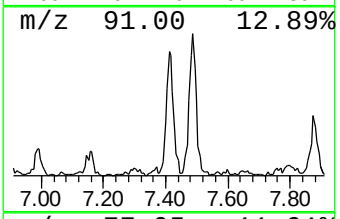


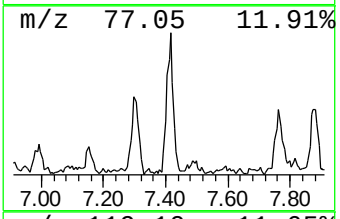


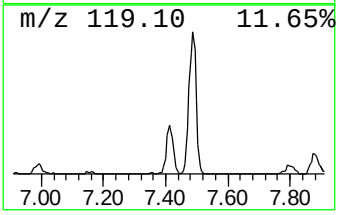












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Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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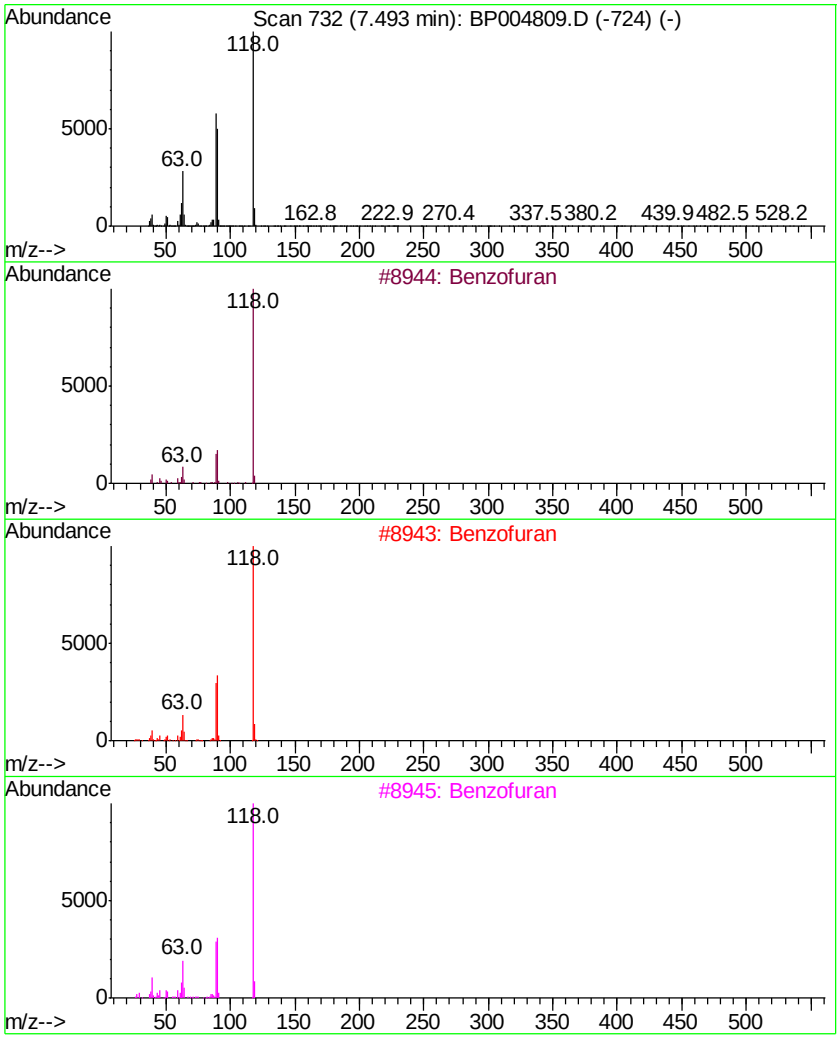
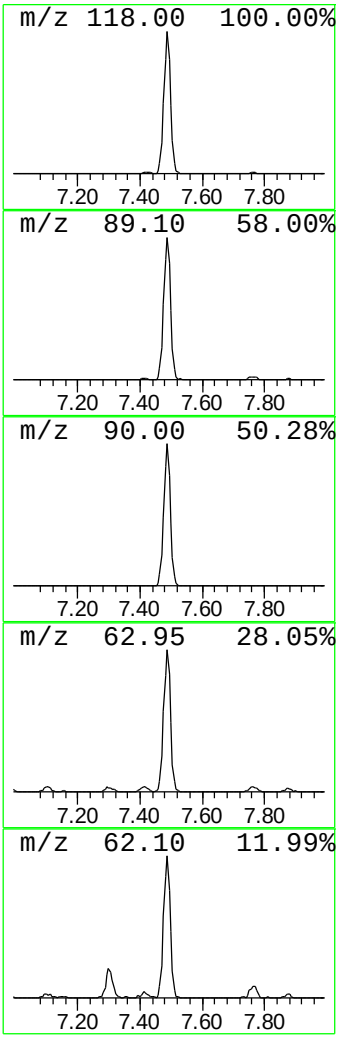
Peak Number 4 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	27.33 ng/ul	445473	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	91
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	72
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	53





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Misc :
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ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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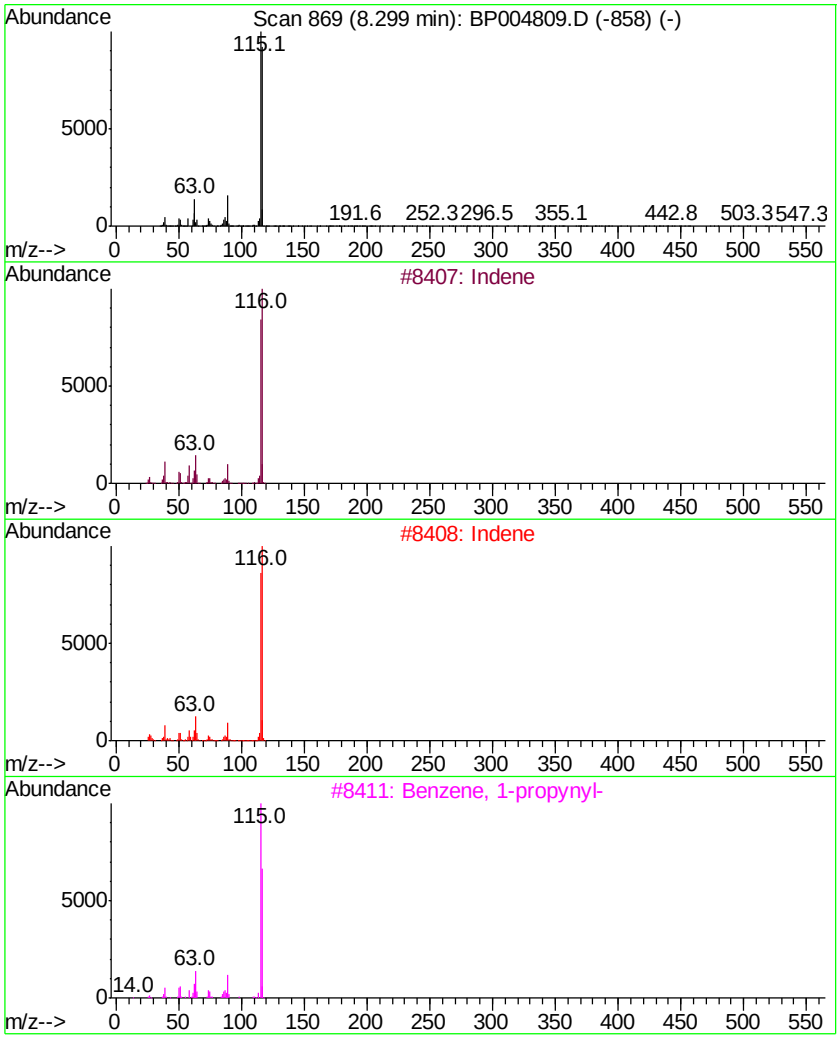
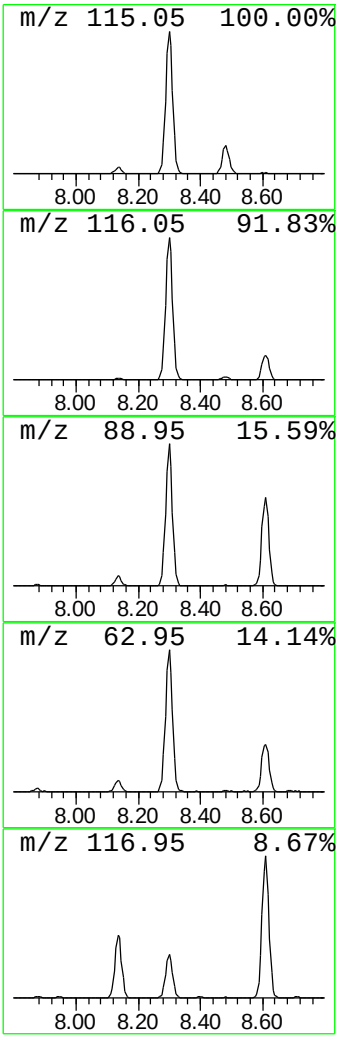
Peak Number 7 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	54.77 ng/ul	892613	1,4-Dichlorobenzene-d4	7.76

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





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Sample : M1408-10
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Instrument : BNA_P
ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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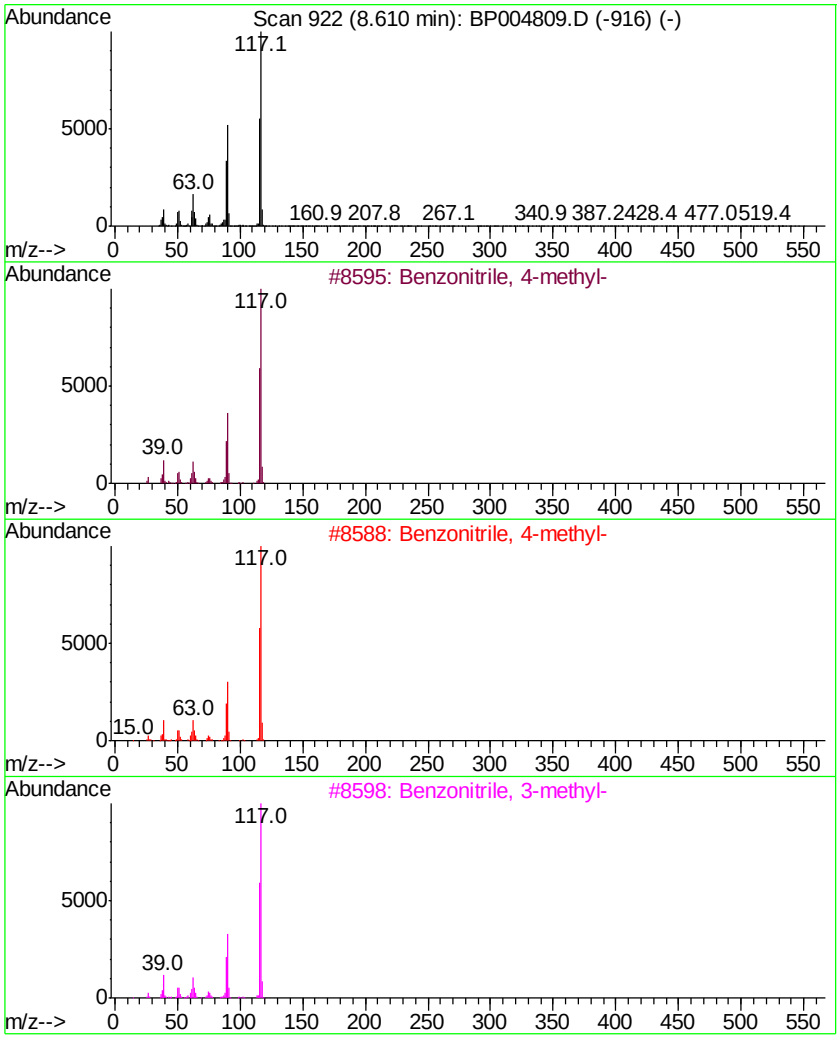
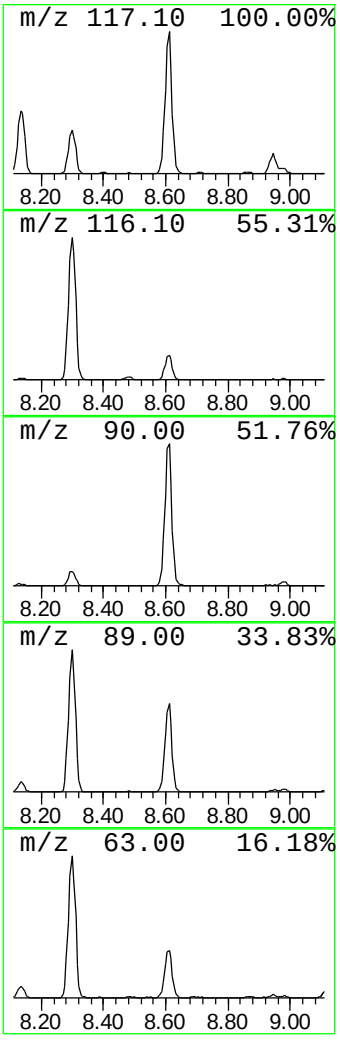
Peak Number 8 Benzonitrile, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	19.32 ng/ul	314838	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
3	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96





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Operator : CG/JU
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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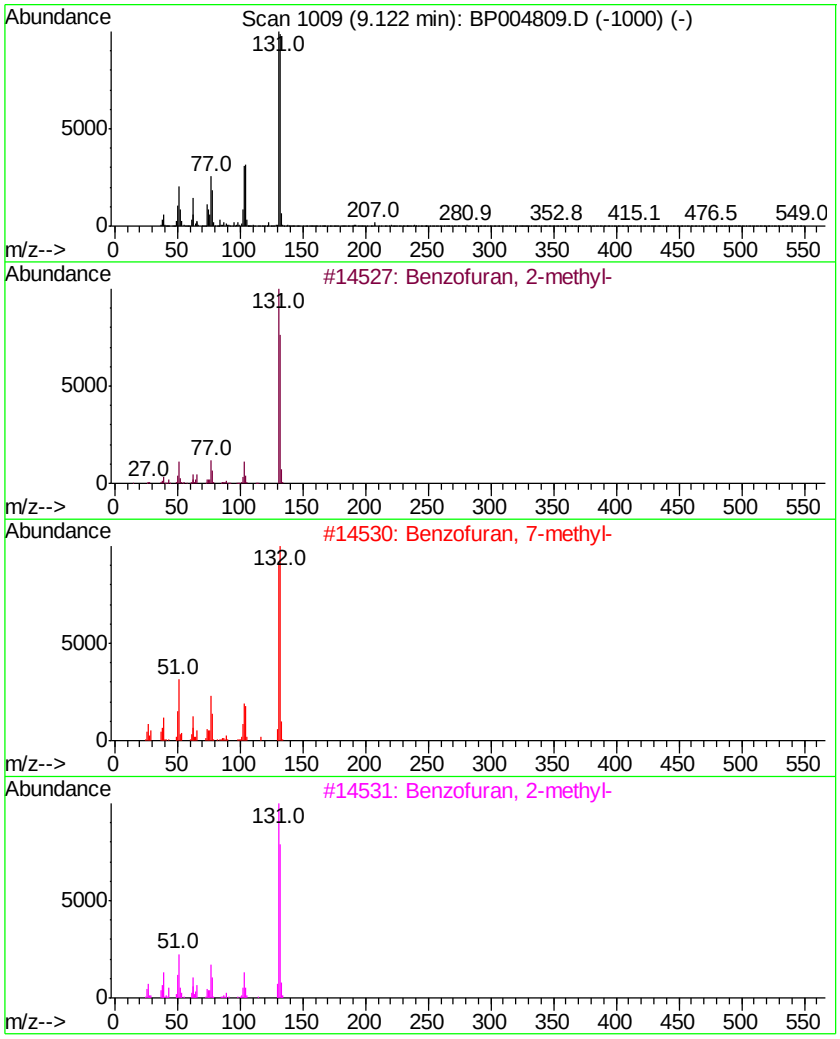
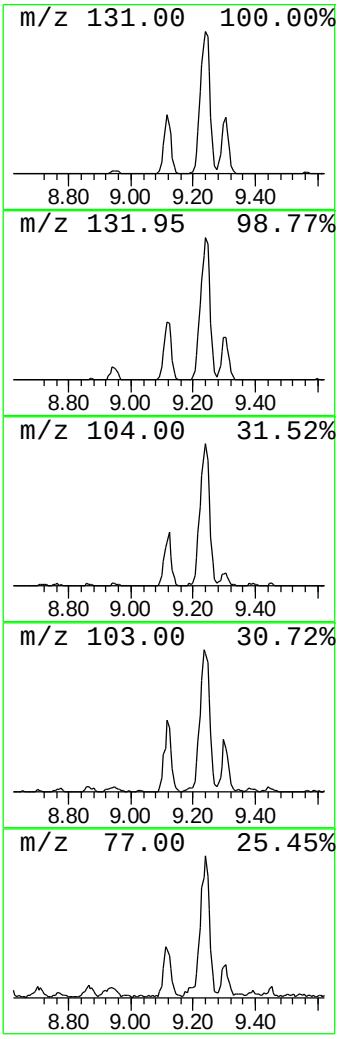
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	5.38 ng/ul	87680	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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Sample : M1408-10
Misc :
ALS Vial : 45 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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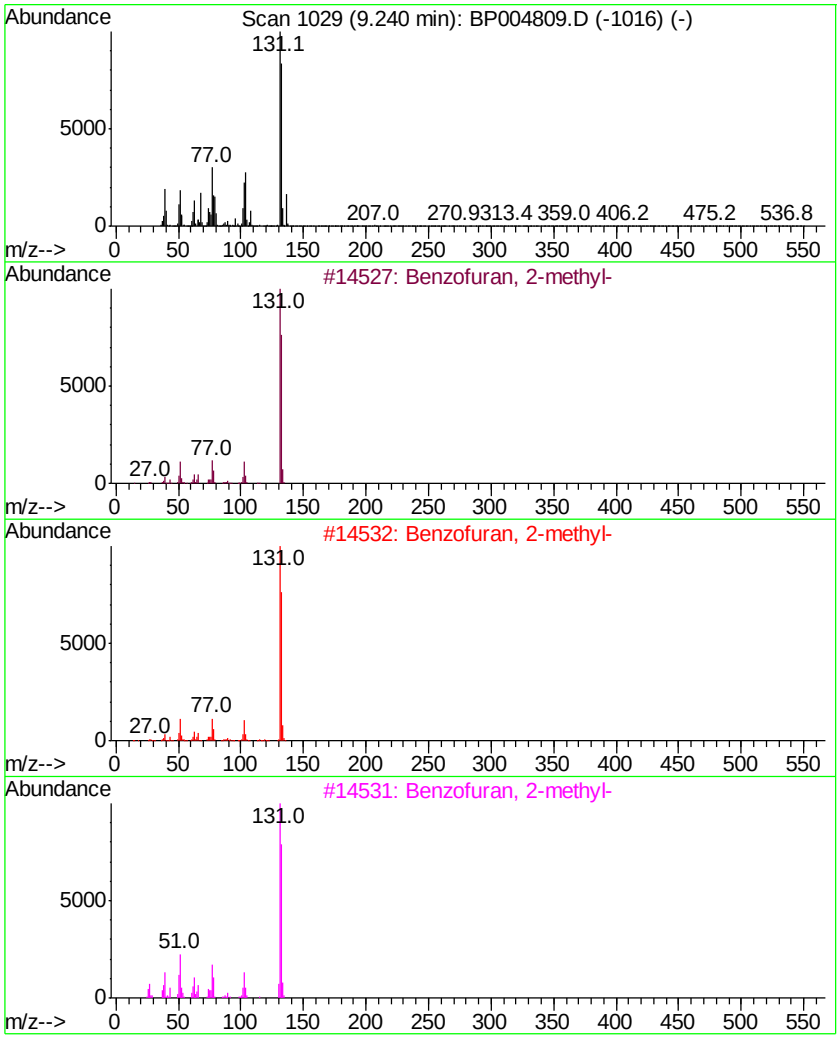
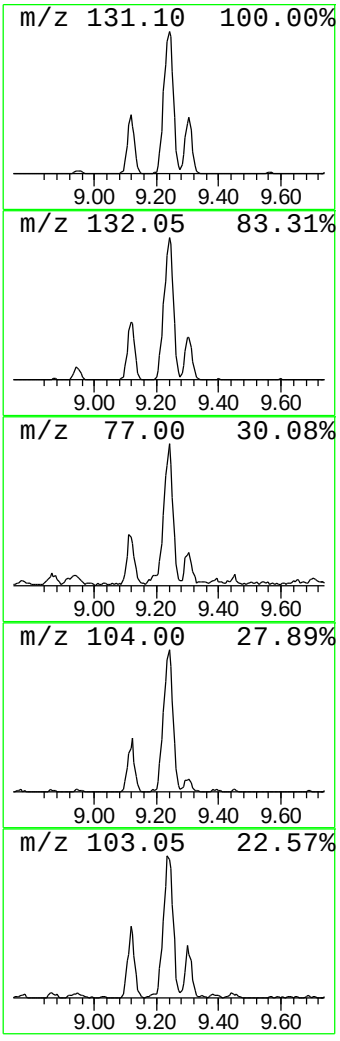
Peak Number 10 Cinnamaldehyde, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	19.86 ng/ul	332984	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81





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Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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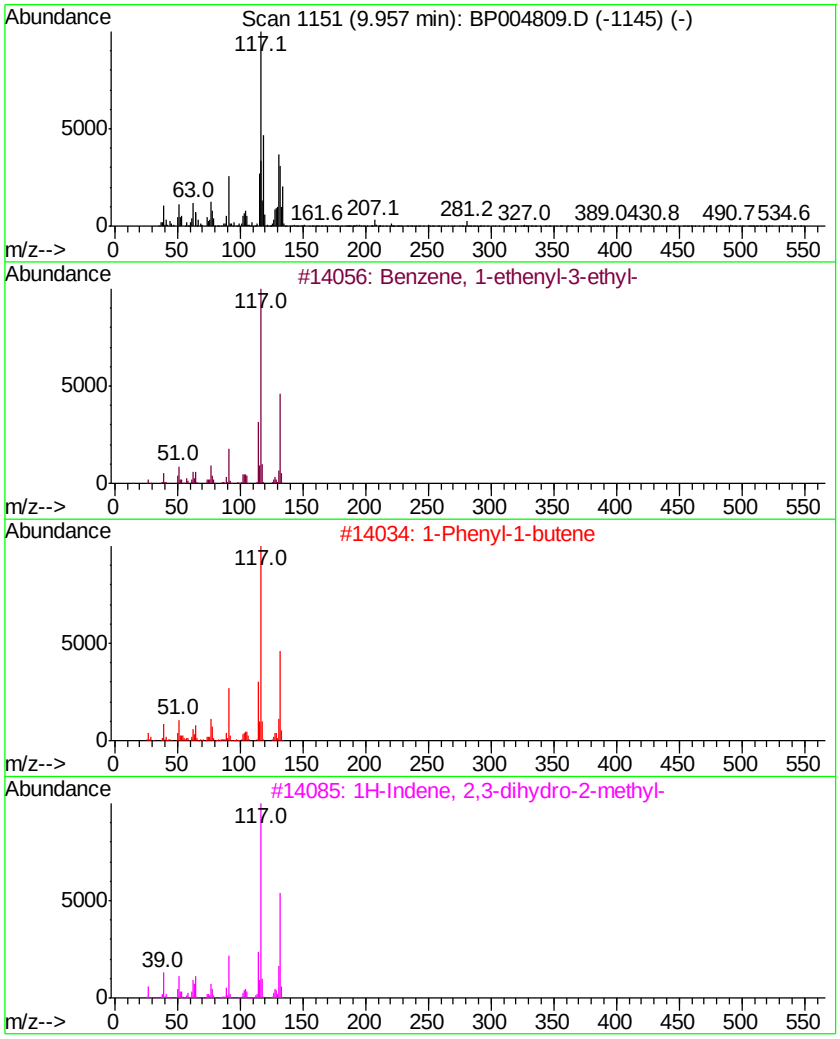
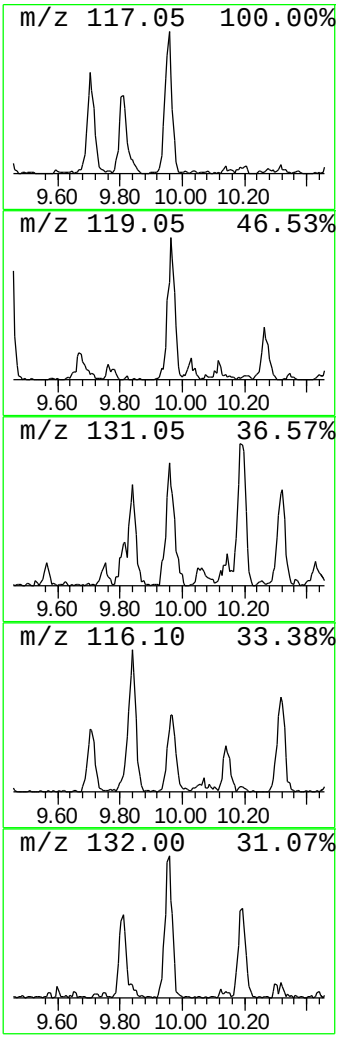
Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.71 ng/ul	79049	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	43
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	43
4	Indan, 1-methyl-	132	C10H12	000767-58-8	43
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	43





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Sample : M1408-10
Misc :
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Instrument : BNA_P
ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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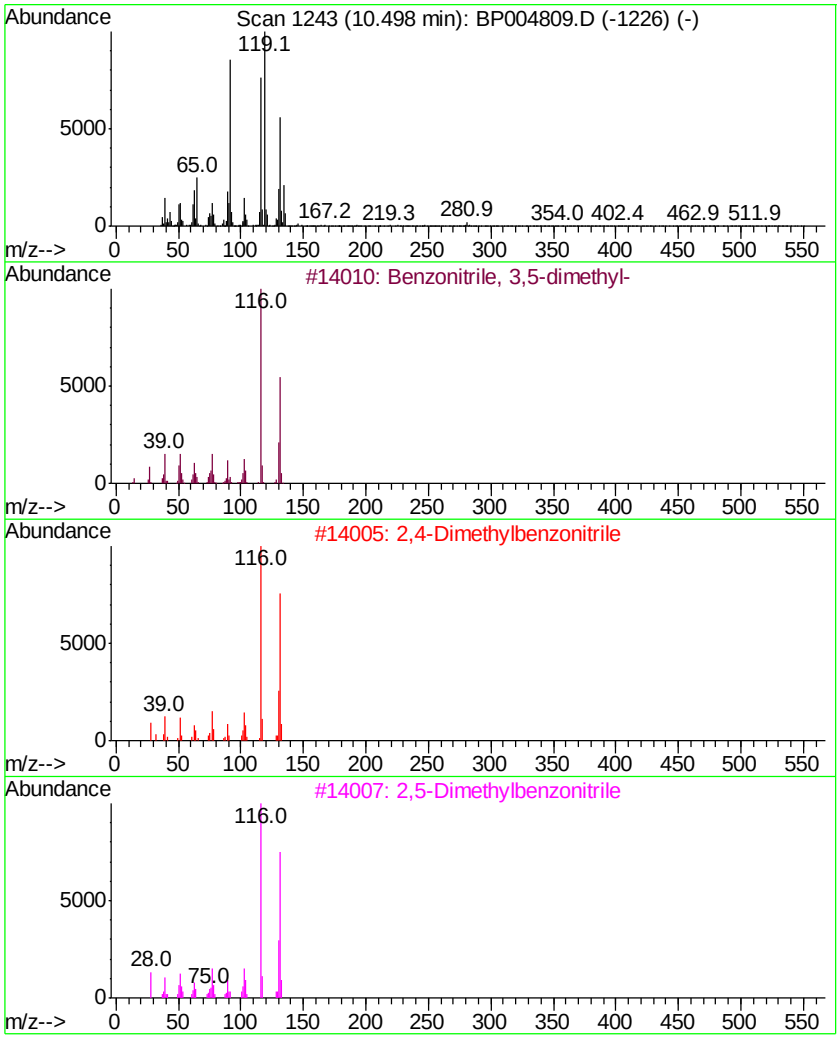
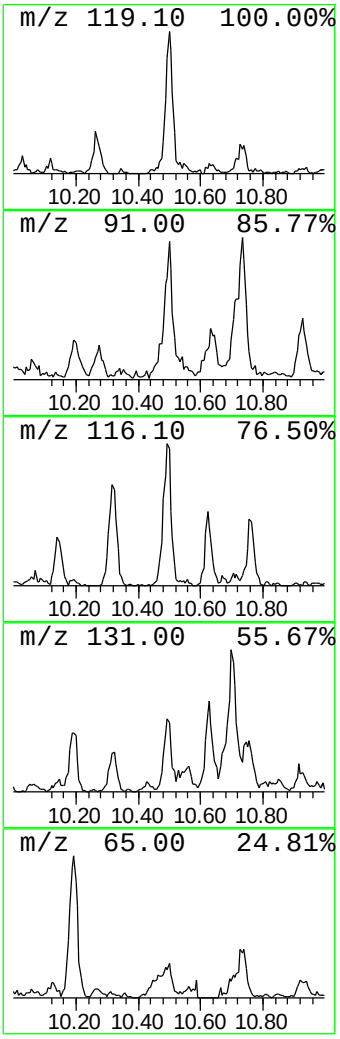
Peak Number 13 Benzonitrile, 3,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	5.31 ng/ul	89044	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3,5-dimethyl-	131	C9H9N	022445-42-7	64
2	2,4-Dimethylbenzonitrile	131	C9H9N	021789-36-6	62
3	2,5-Dimethylbenzonitrile	131	C9H9N	013730-09-1	60
4	2,3-Dimethylbenzonitrile	131	C9H9N	005724-56-1	60
5	2,5-Dimethylbenzonitrile	131	C9H9N	013730-09-1	46





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Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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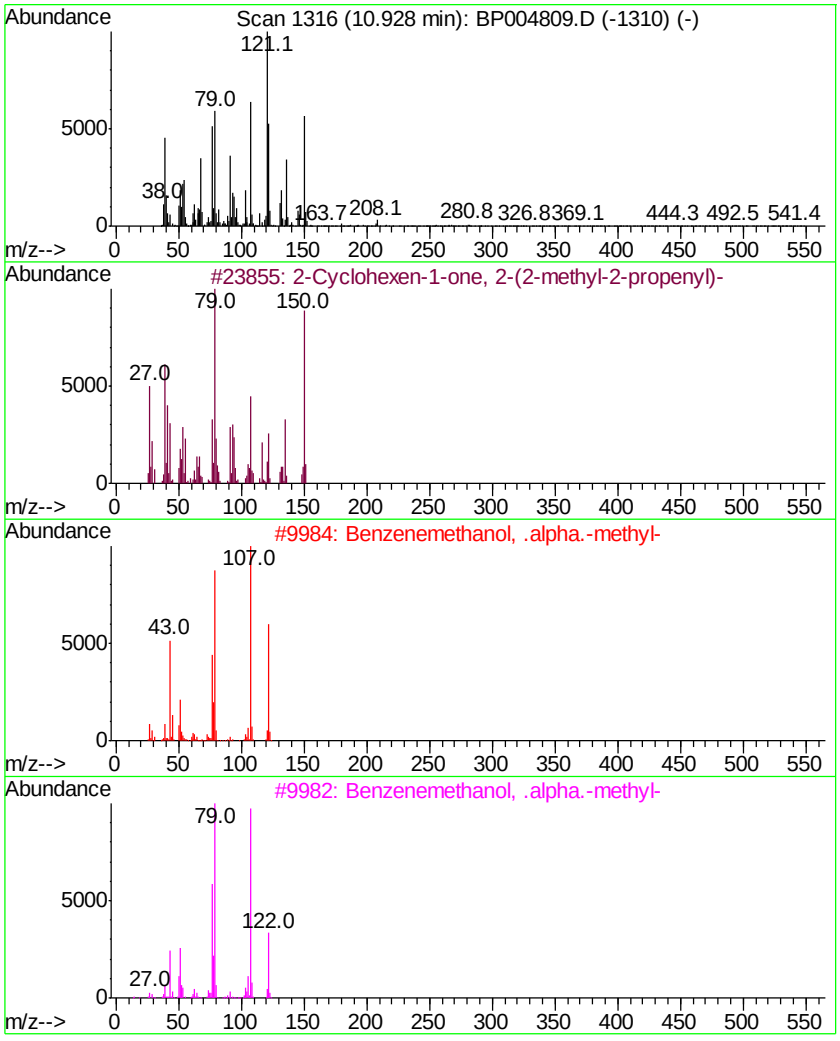
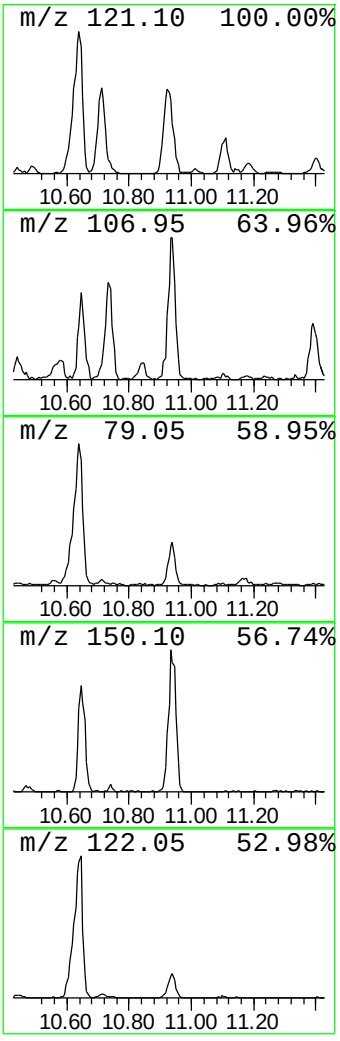
Peak Number 14 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	6.51 ng/ul	109250	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 2-(2-methyl-...	150	C10H14O	018926-98-2	49
2	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	45
3	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	45
4	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	45
5	2-Methyl-1-octen-3-yne	122	C9H14	017603-76-8	38





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Acq On : 18 Feb 2021 14:03
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Sample : M1408-10
Misc :
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Instrument : BNA_P
ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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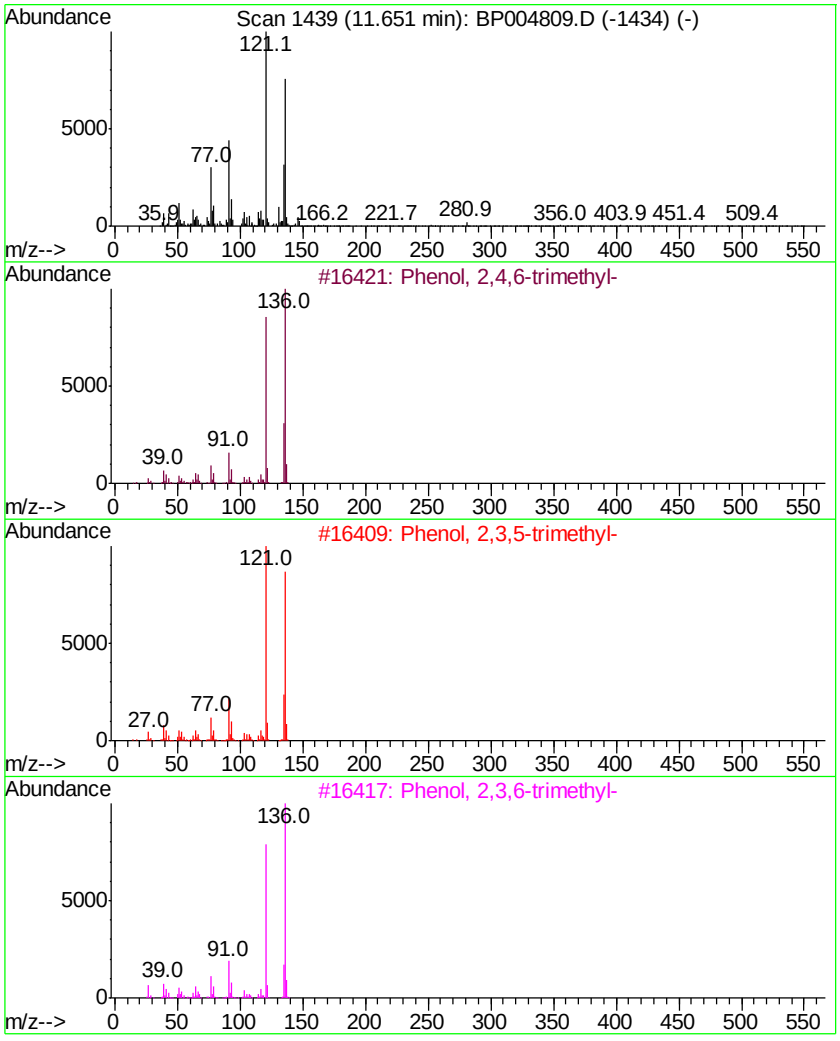
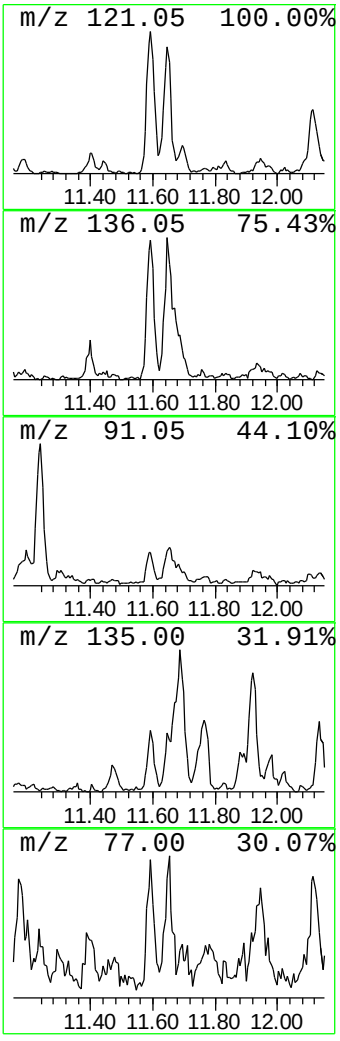
Peak Number 17 Phenol, 2,4,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.08 ng/ul	51690	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	87
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	87





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Quant Title : SVOA CALIBRATION

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

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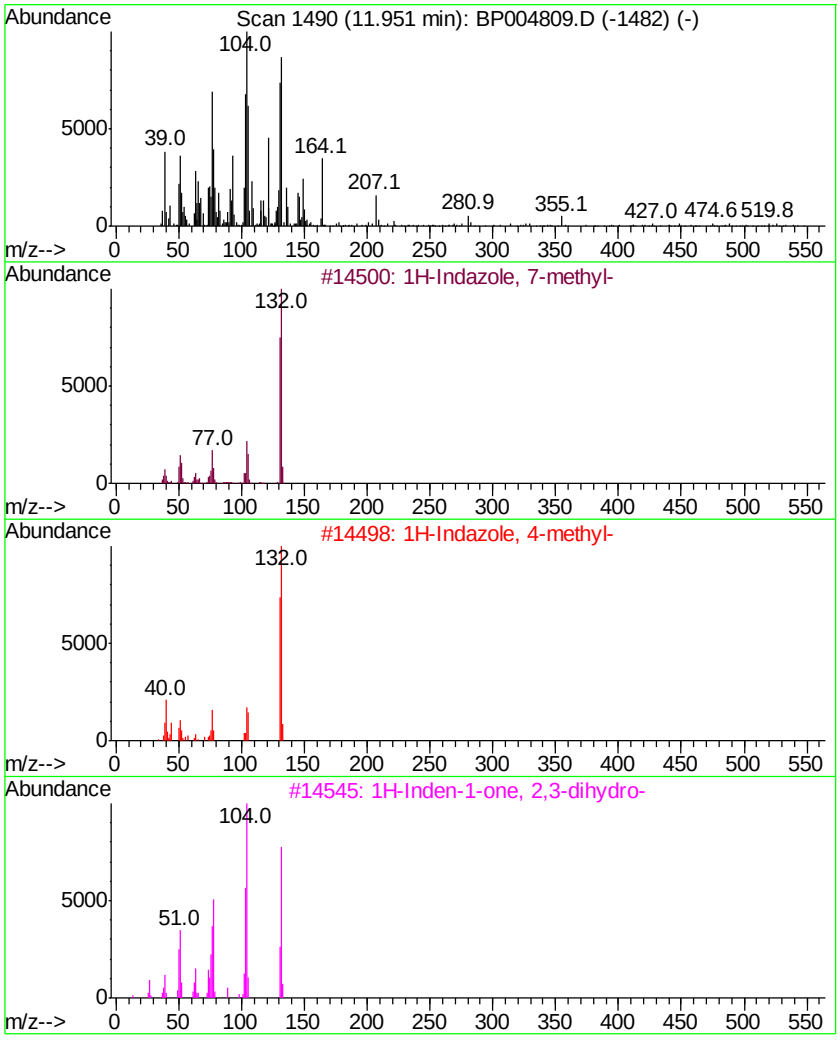
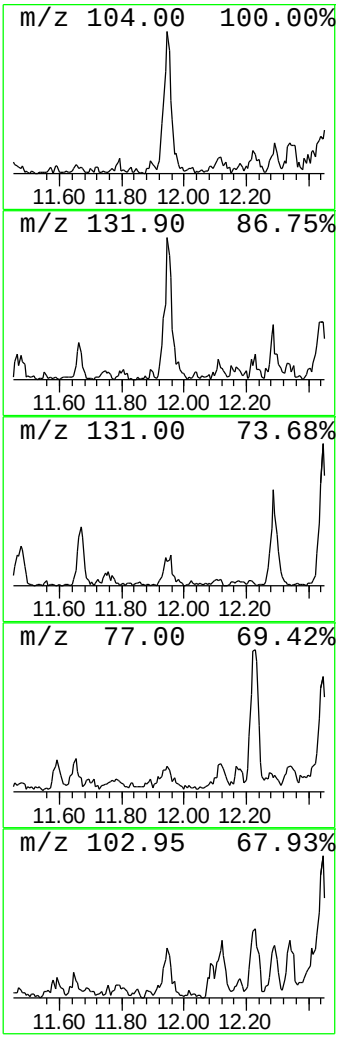
Peak Number 18 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.39 ng/ul	56786	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	46
2	1H-Indazole, 4-methyl-	132	C8H8N2	1000316-00-9	46
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	43
4	5-Aminoindole	132	C8H8N2	005192-03-0	38
5	2-Phenylpropenal	132	C9H8O	004432-63-7	38





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Quant Title : SVOA CALIBRATION

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

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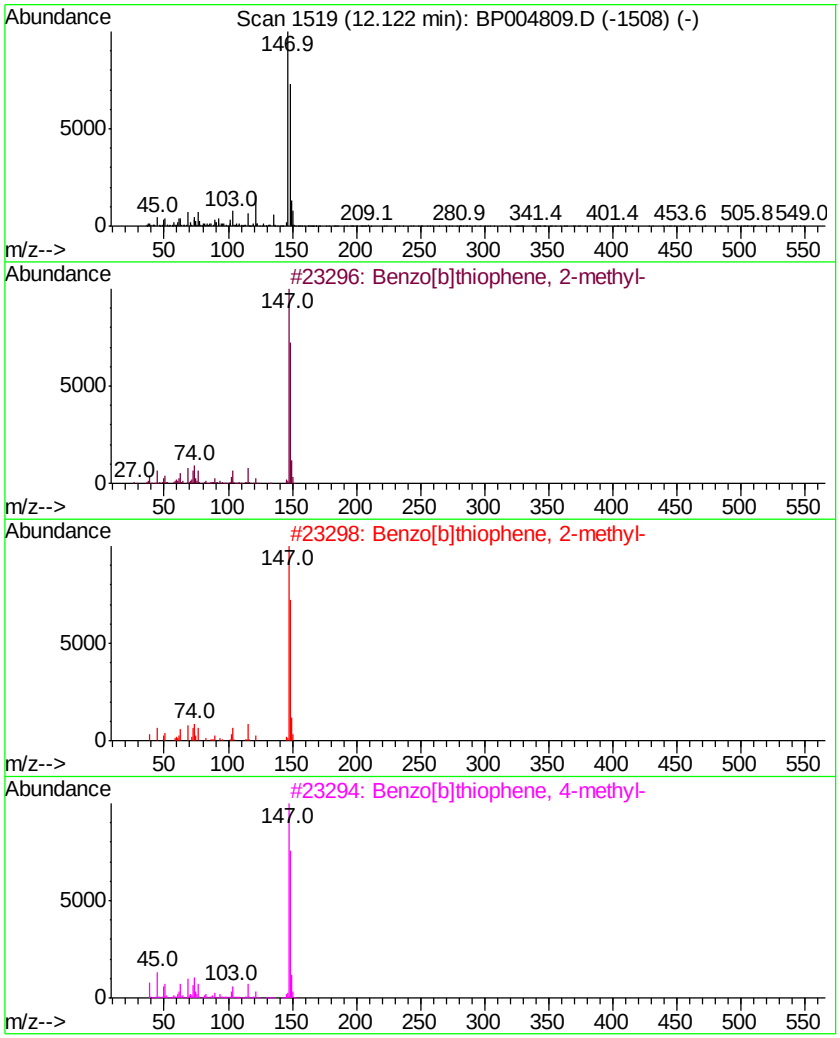
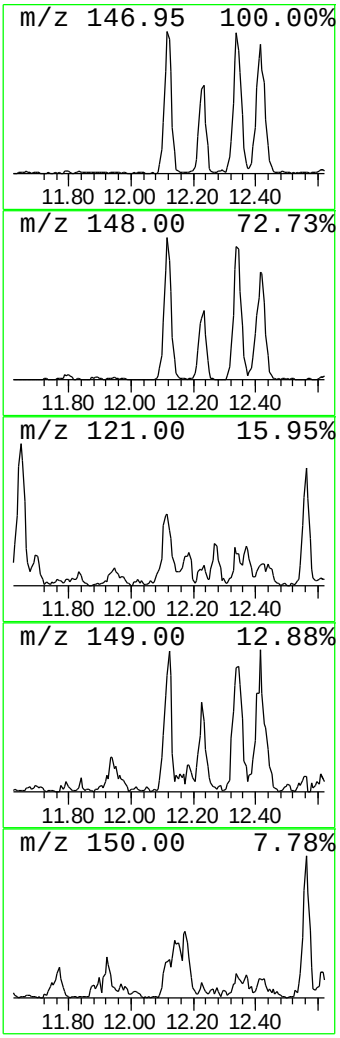
Peak Number 19 Benzo[b]thiophene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	7.01 ng/ul	117537	Naphthalene-d8	10.56

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	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	83
5	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	64





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Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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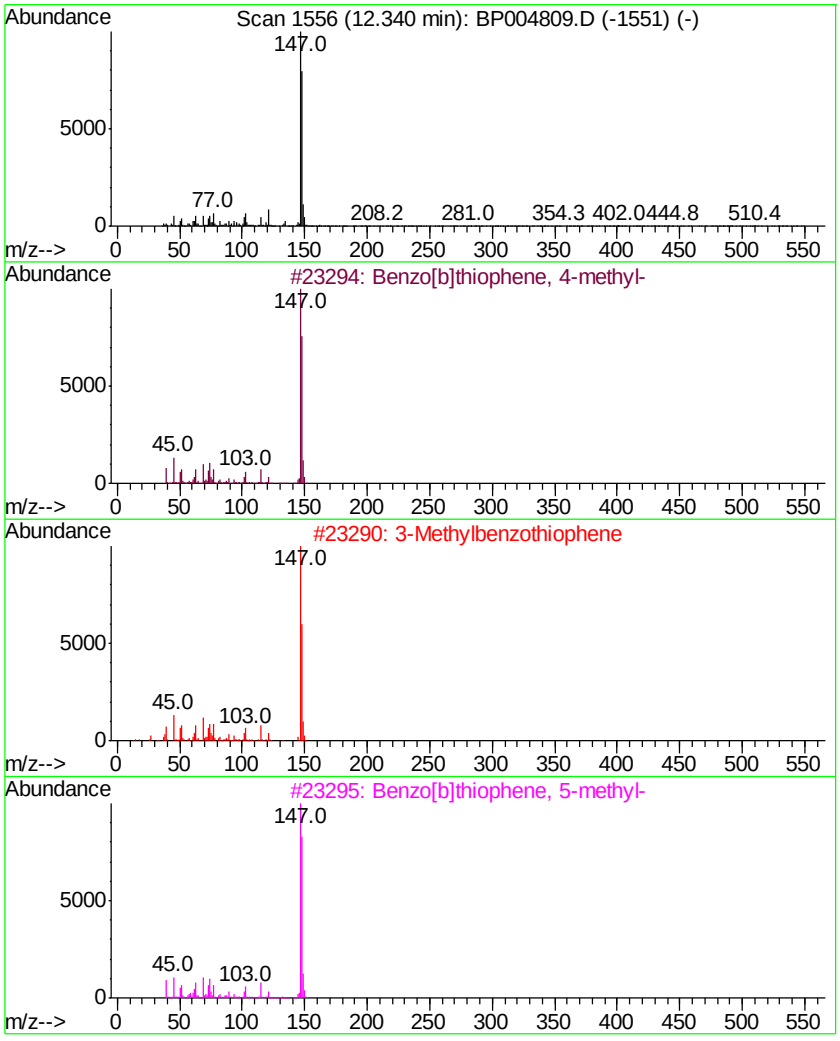
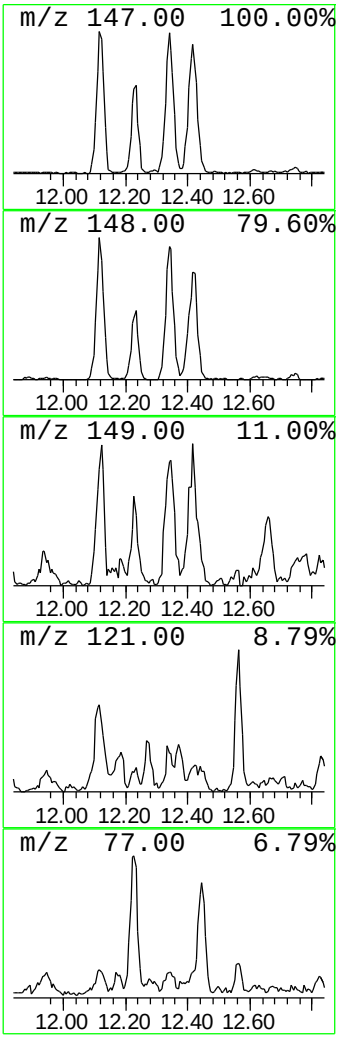
Peak Number 21 Benzo[b]thiophene, 4-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	5.09 ng/ul	85321	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





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ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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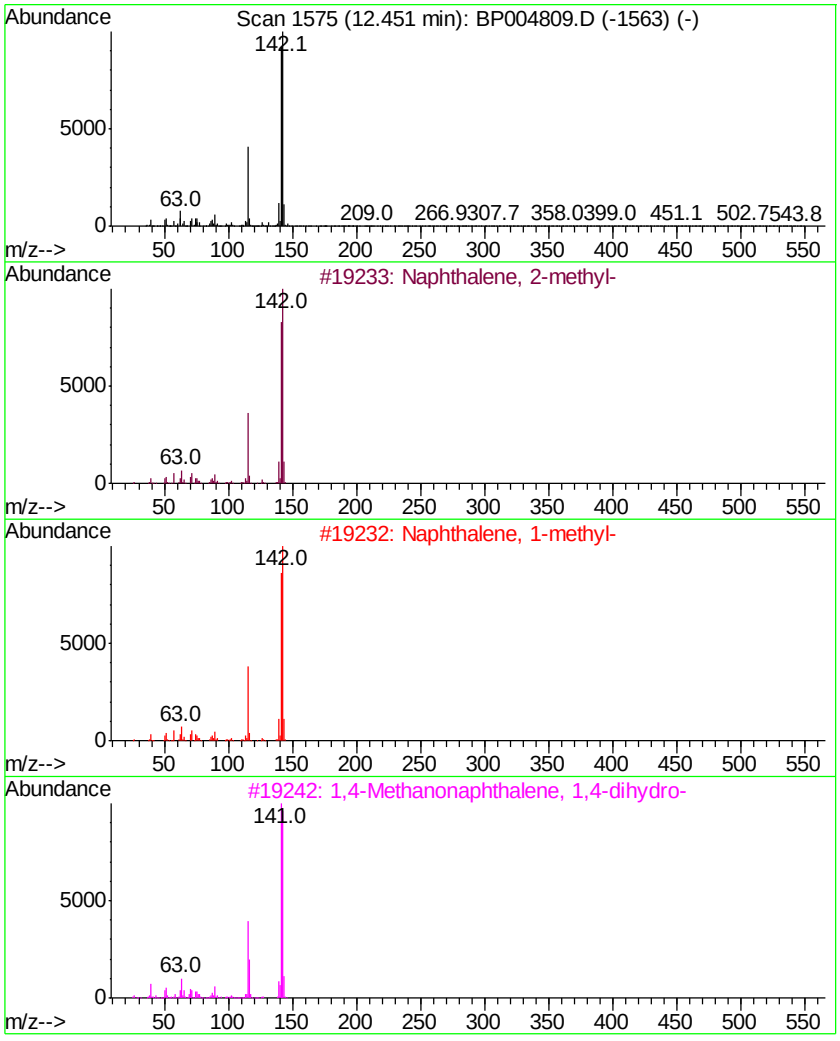
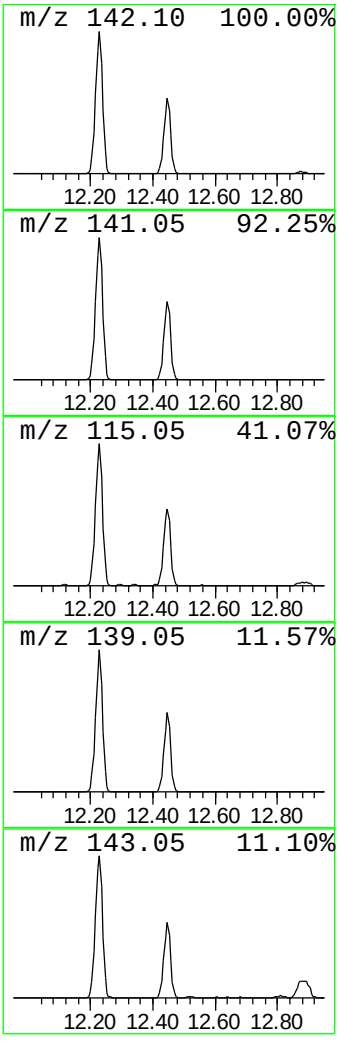
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	77.34 ng/ul	1297010	Naphthalene-d8	10.56

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





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Sample : M1408-10
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ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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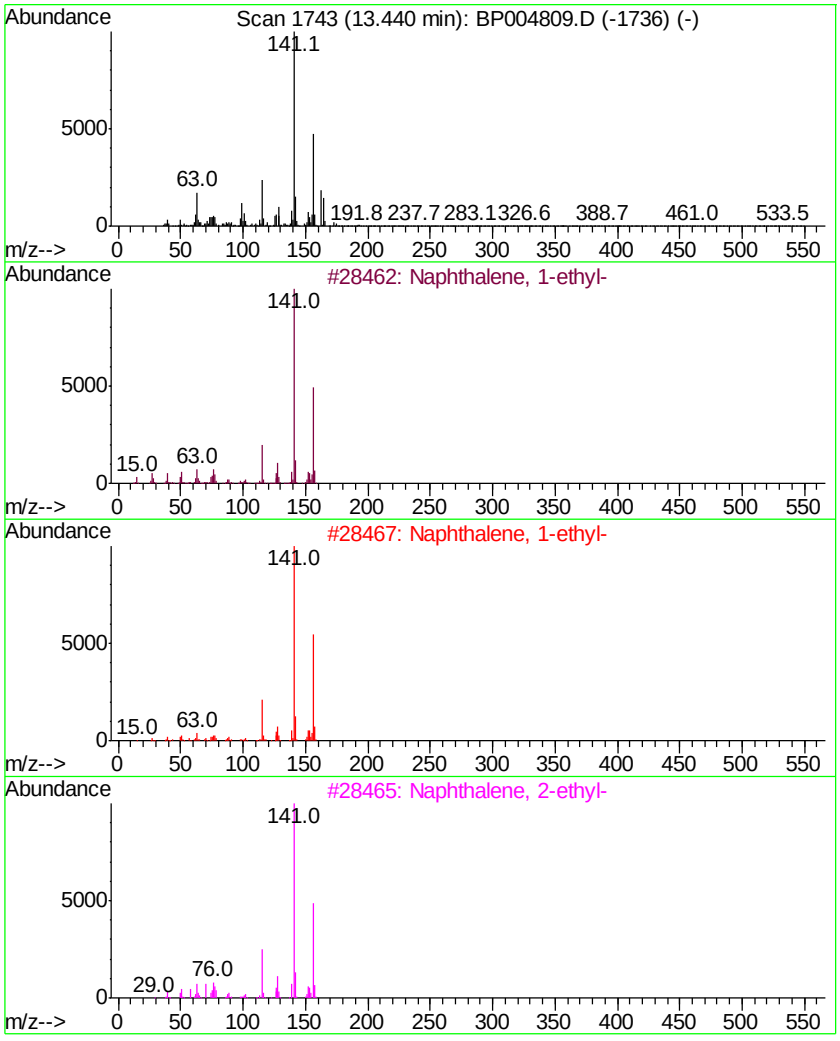
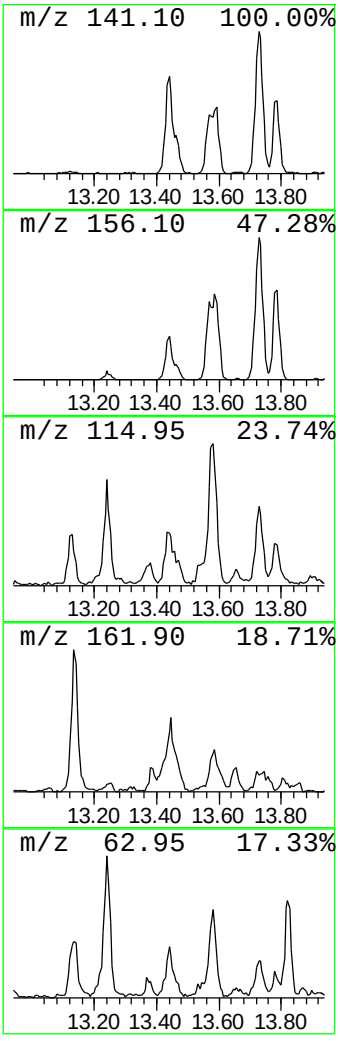
Peak Number 25 Naphthalene, 1-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.92 ng/ul	154673	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Misc :
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ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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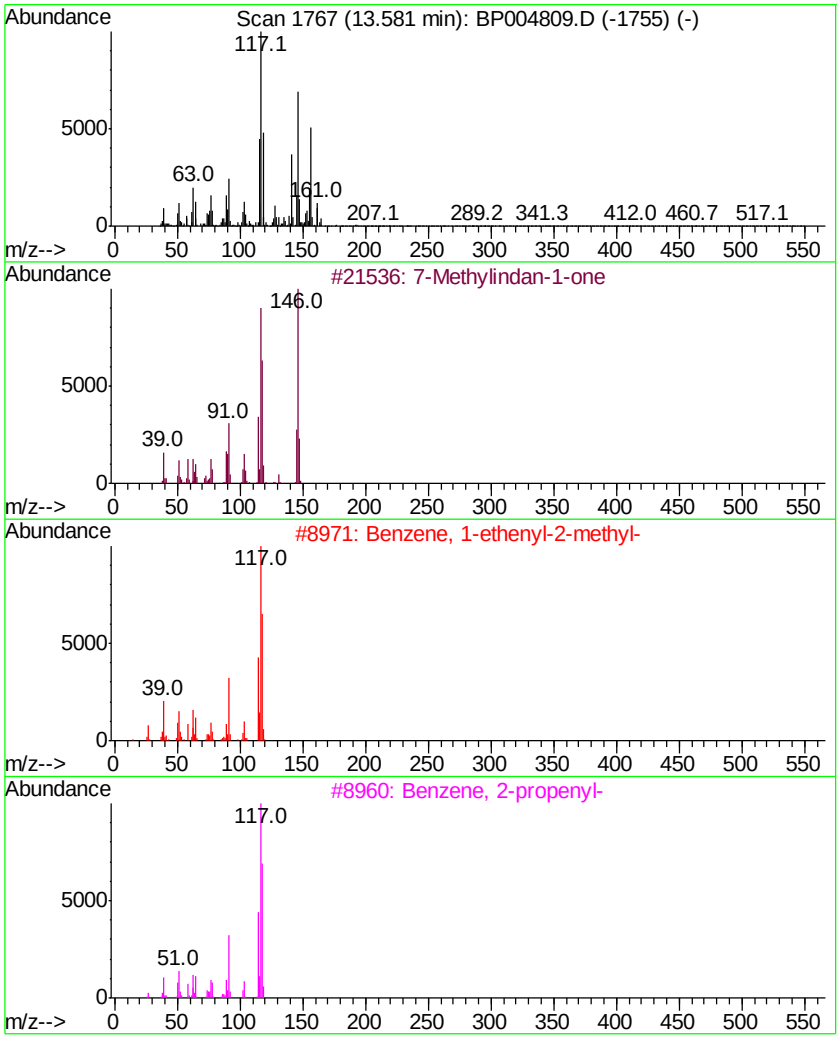
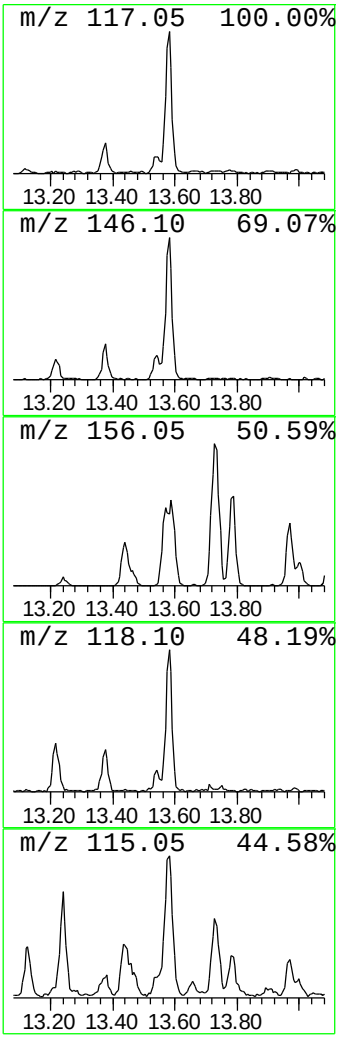
Peak Number 26 7-Methylindan-1-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	11.13 ng/ul	350202	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	89
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	55
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	55





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Quant Title : SVOA CALIBRATION

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

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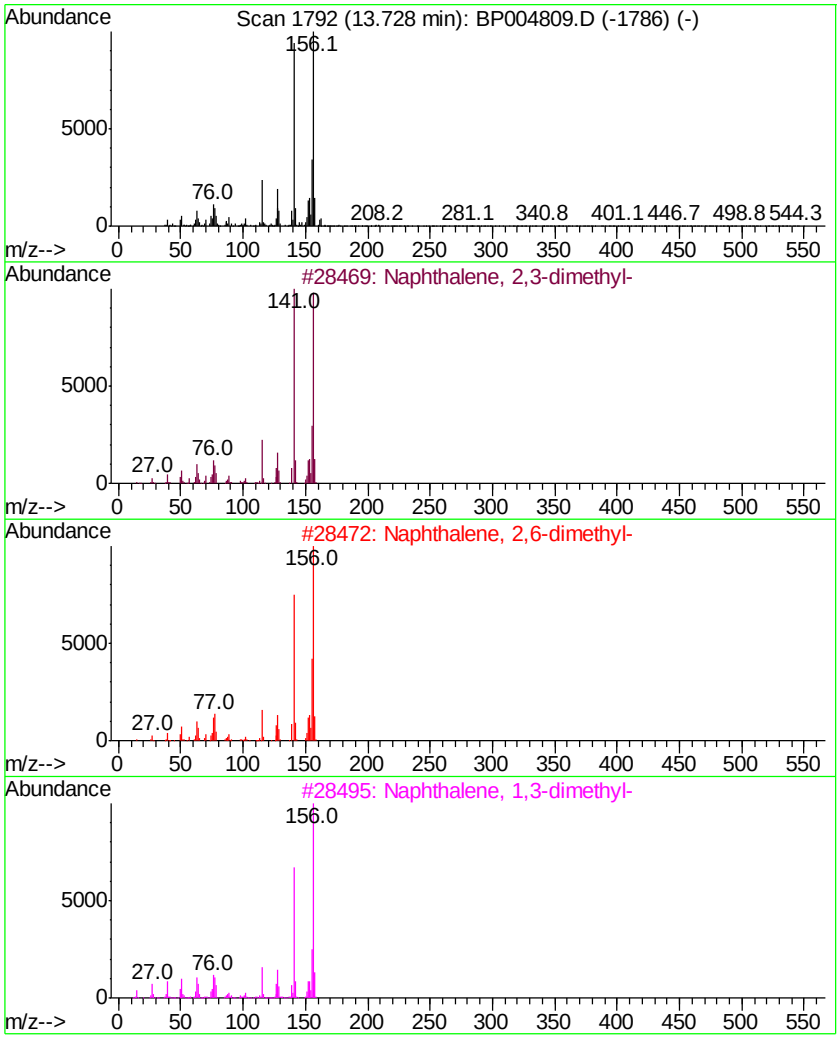
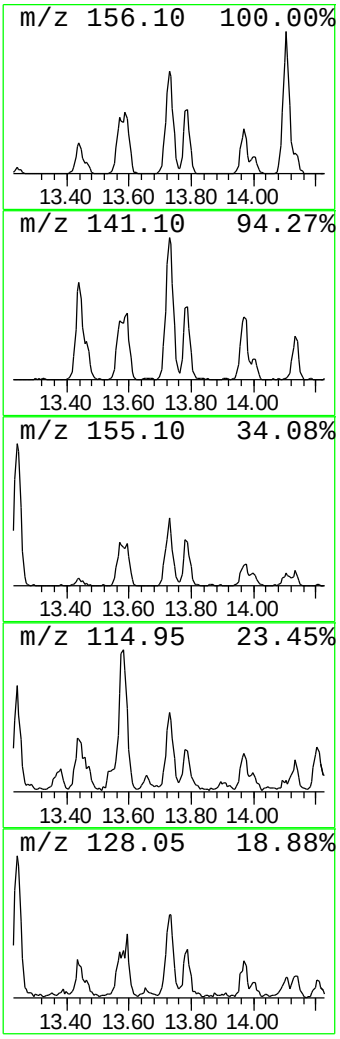
Peak Number 27 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.62 ng/ul	176615	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Sample : M1408-10
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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 2-Naphthalenecarbonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	20.49 ng/ul	644423	Acenaphthene-d10	14.41

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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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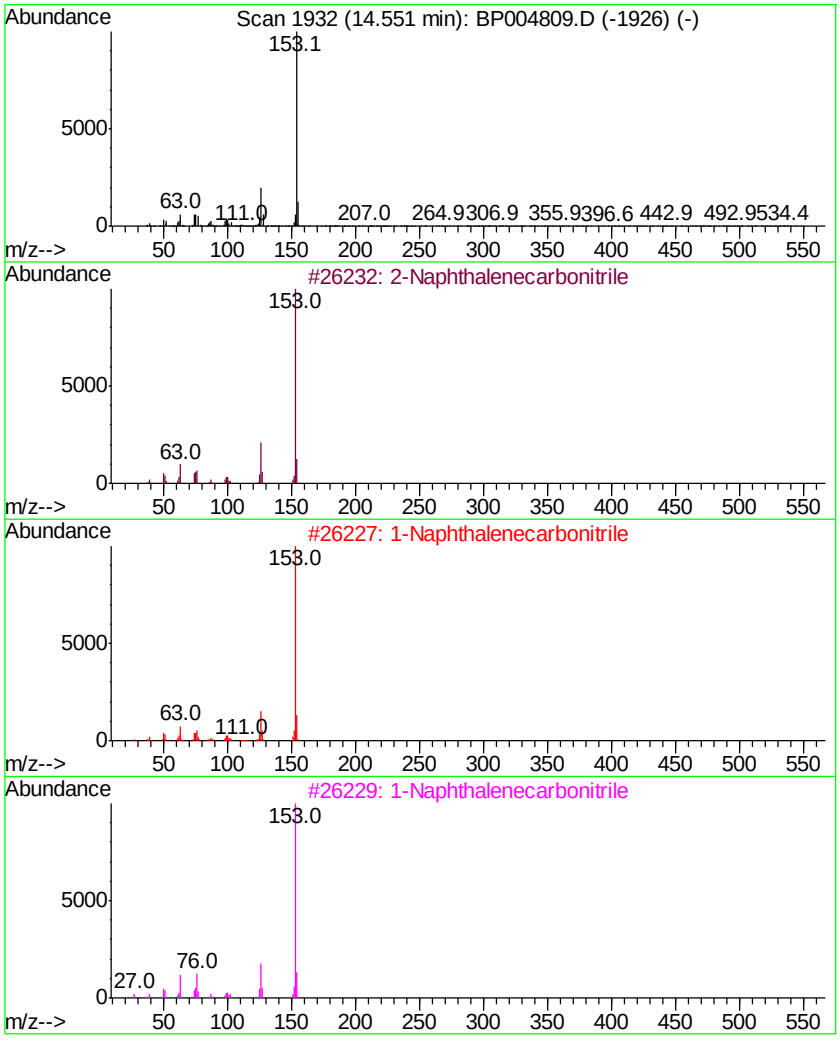

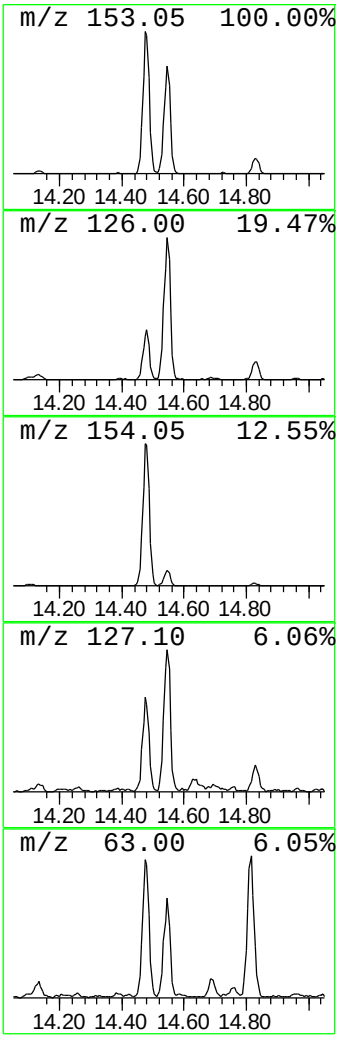

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ClientSampleId : DBGL7

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Quant Title : SVOA CALIBRATION

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

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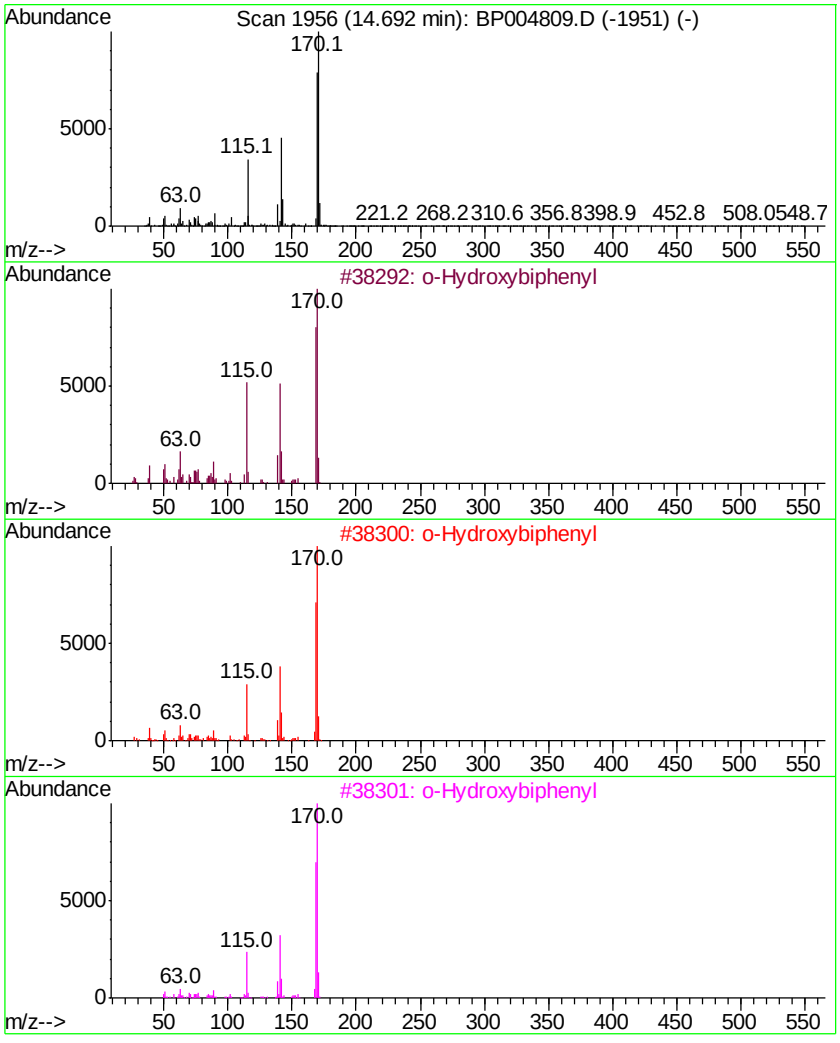
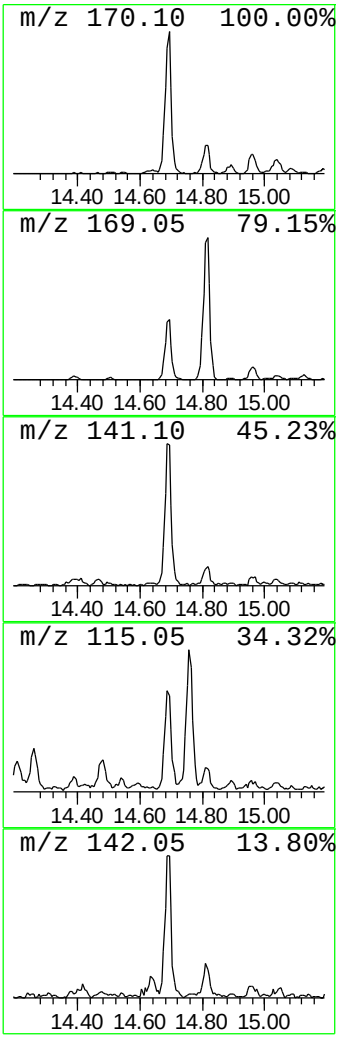
Peak Number 30 o-Hydroxybiphenyl Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	4.94 ng/ul	155468	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	62





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Quant Title : SVOA CALIBRATION

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

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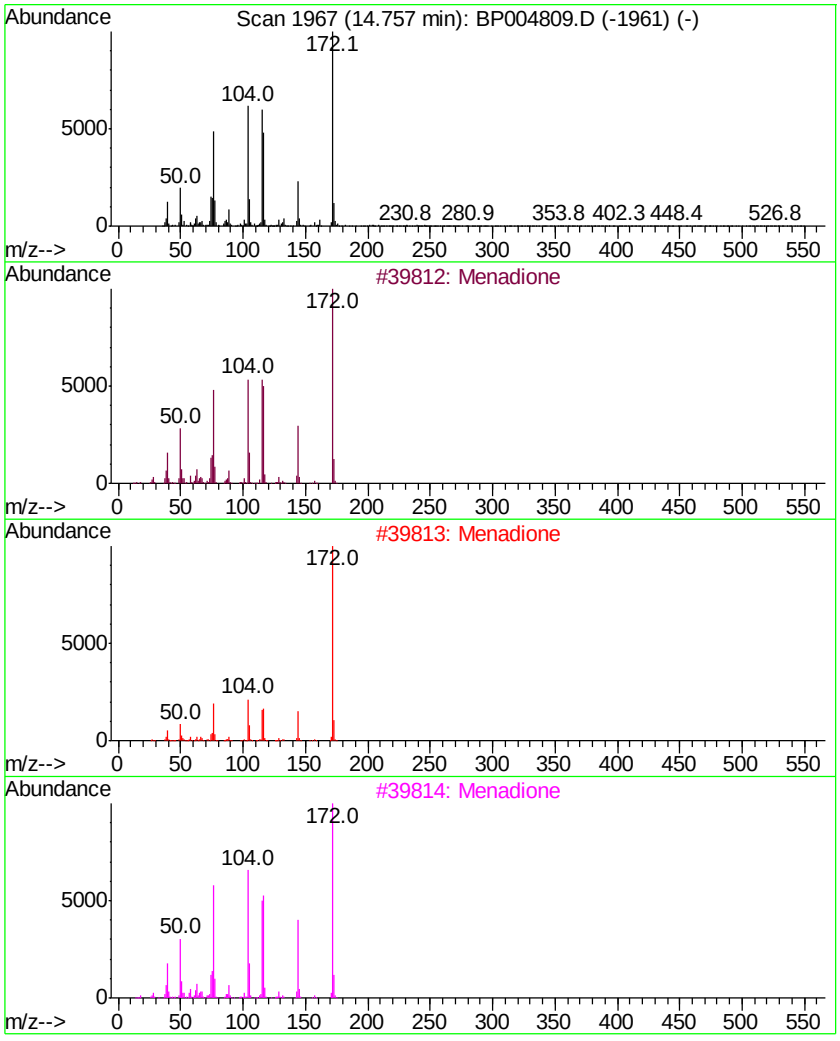
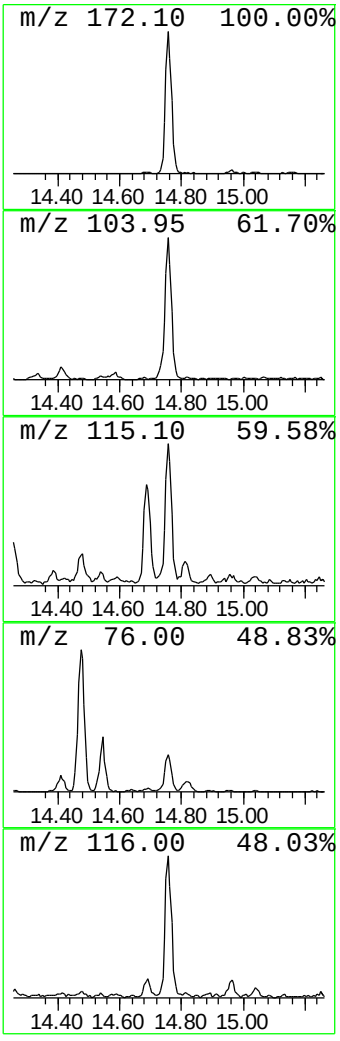
Peak Number 31 Menadione Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.27 ng/ul	165849	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Menadione	172	C11H8O2	000058-27-5	90
2	Menadione	172	C11H8O2	000058-27-5	87
3	Menadione	172	C11H8O2	000058-27-5	62
4	4(1H)-Pyrimidinone, 2-phenyl-	172	C10H8N2O	033643-94-6	43
5	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	38





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Quant Title : SVOA CALIBRATION

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

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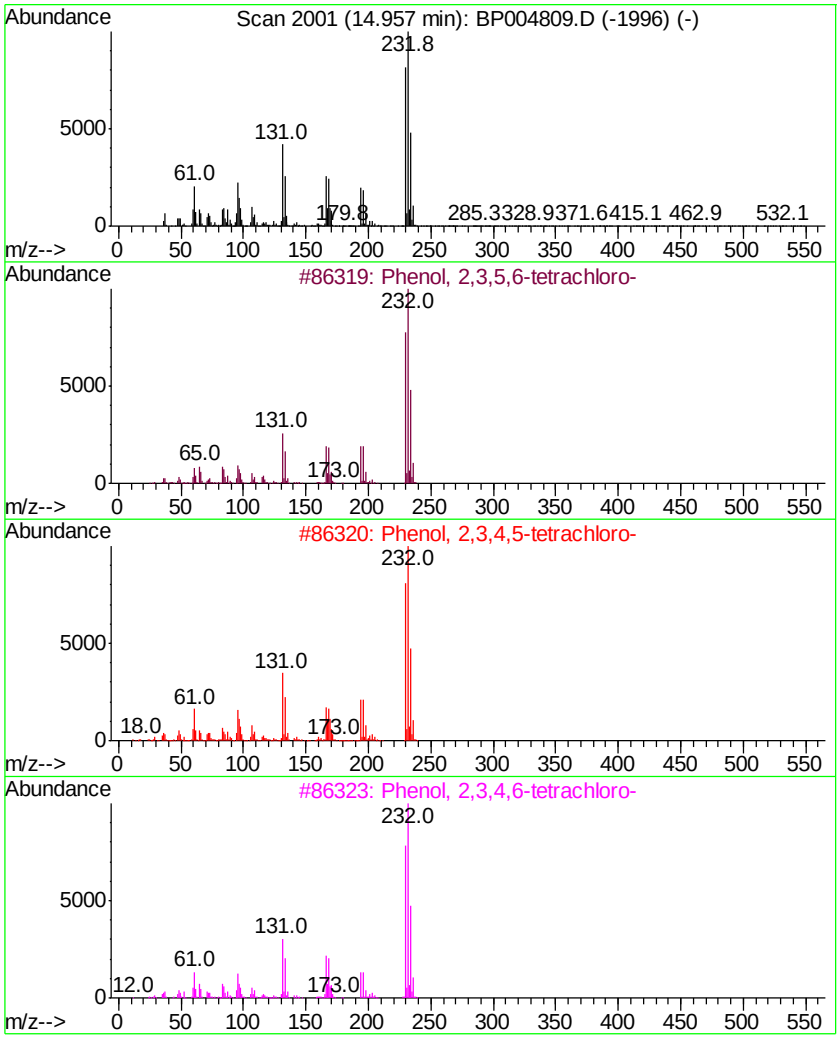
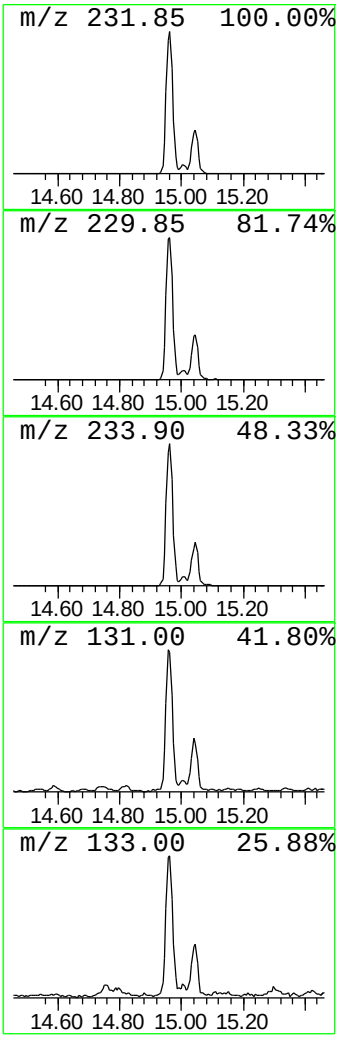
Peak Number 32 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	15.50 ng/ul	487648	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	96
2	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	96
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	96
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	95
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	91





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Quant Title : SVOA CALIBRATION

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

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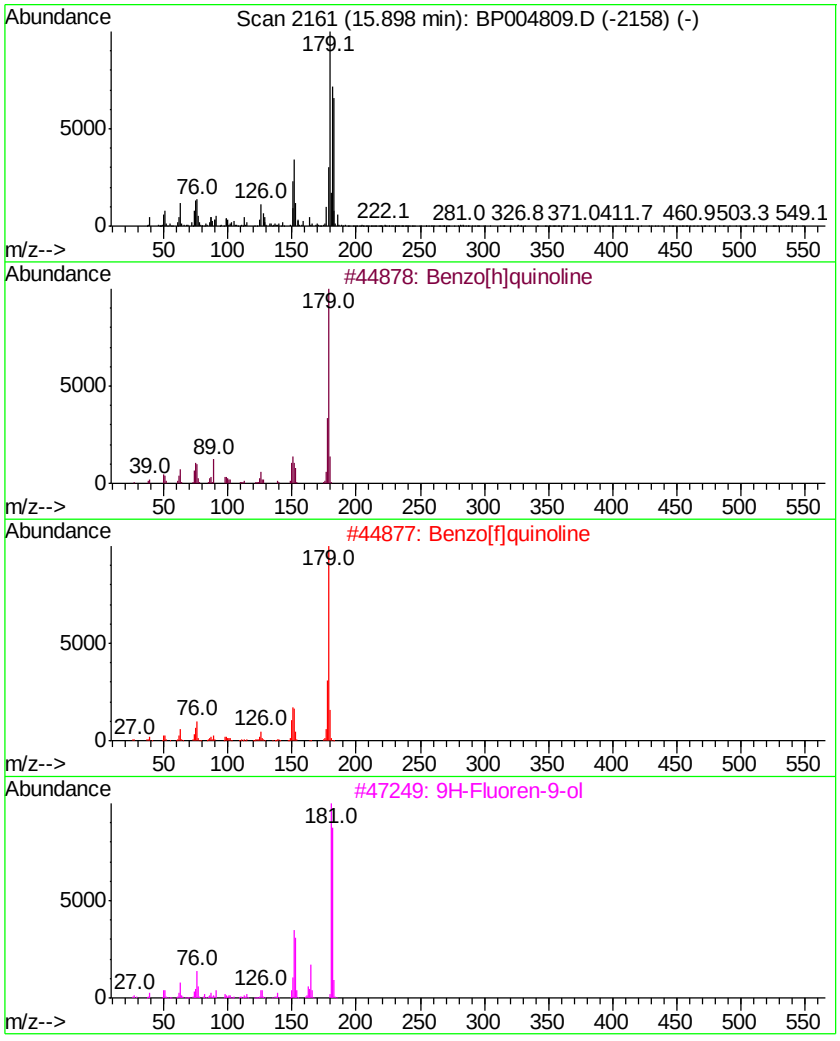
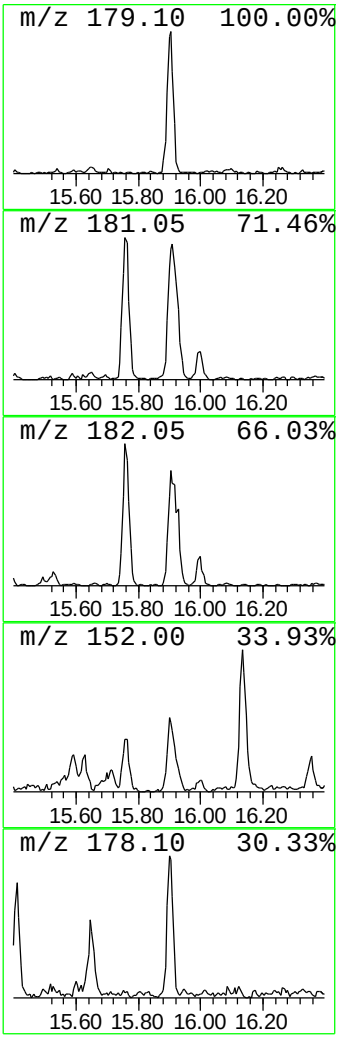
Peak Number 36 Benzo[h]quinoline Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.18 ng/ul	127385	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	55
2	Benzo[f]quinoline	179	C13H9N	000085-02-9	46
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	46
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	46
5	Phenanthridine	179	C13H9N	000229-87-8	46





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Quant Title : SVOA CALIBRATION

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

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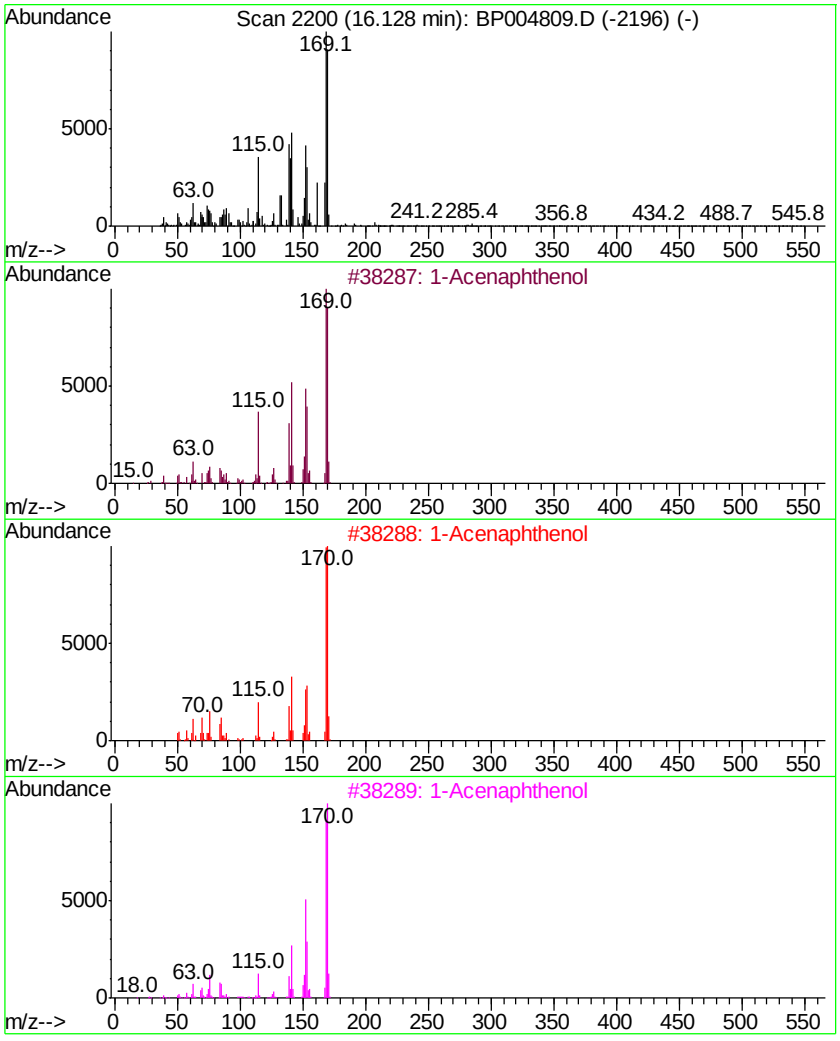
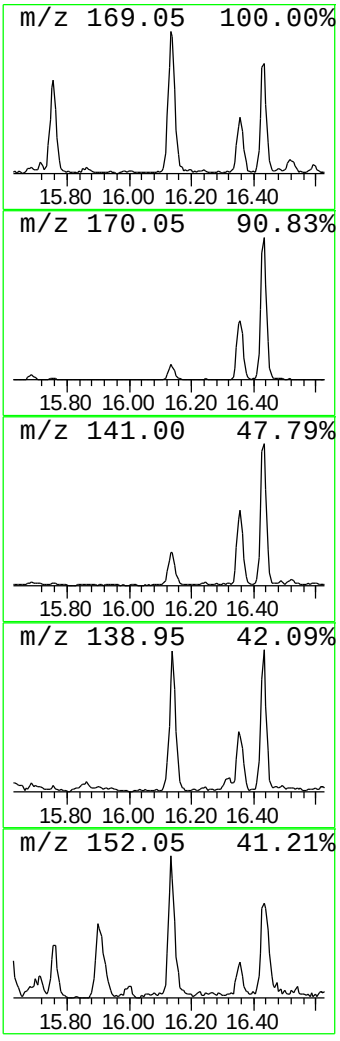
Peak Number 37 1-Acenaphthenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.49 ng/ul	167345	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	96
2	1-Acenaphthenol	170	C12H10O	006306-07-6	58
3	1-Acenaphthenol	170	C12H10O	006306-07-6	53
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	46
5	5-Chloro-2-methoxy-2,4,6-cyclohe...	170	C8H7ClO2	013187-38-7	38





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Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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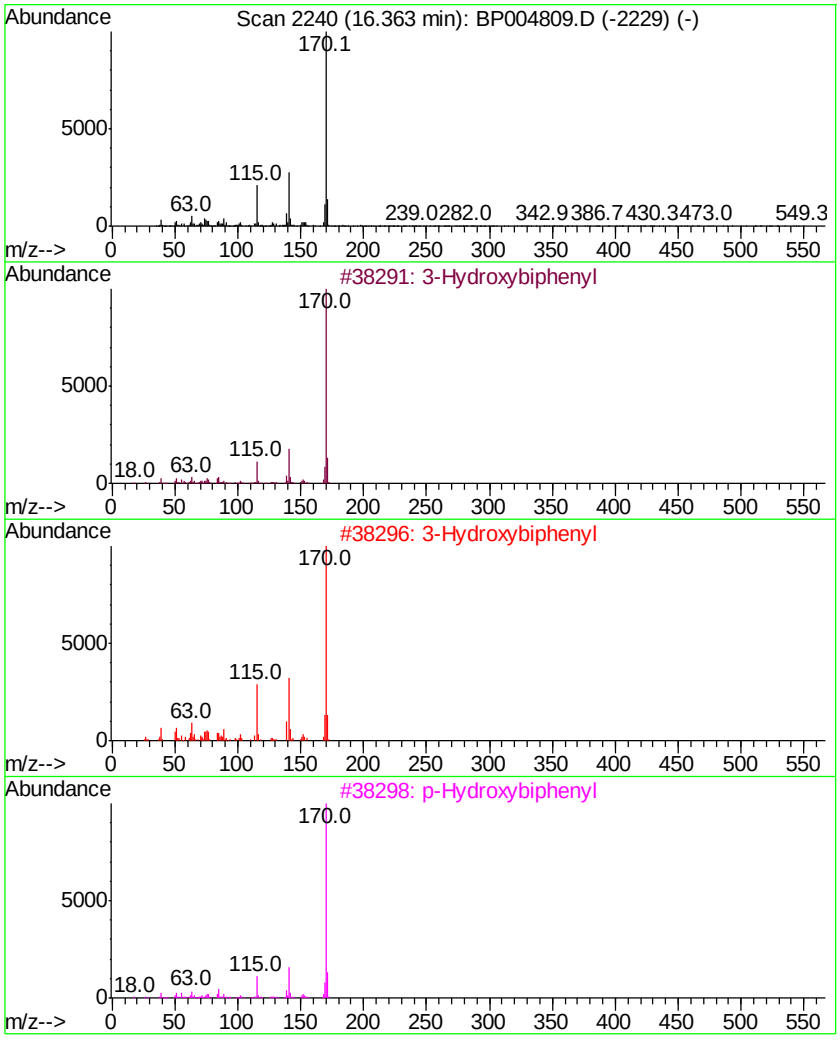
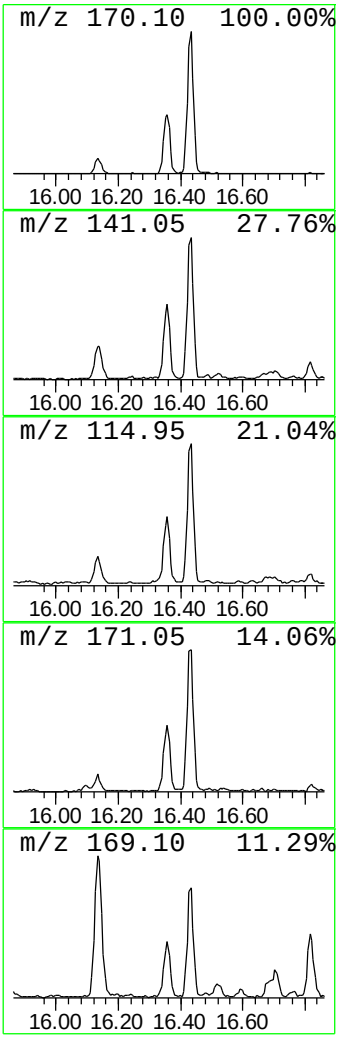
Peak Number 38 3-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	7.29 ng/ul	222189	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	91
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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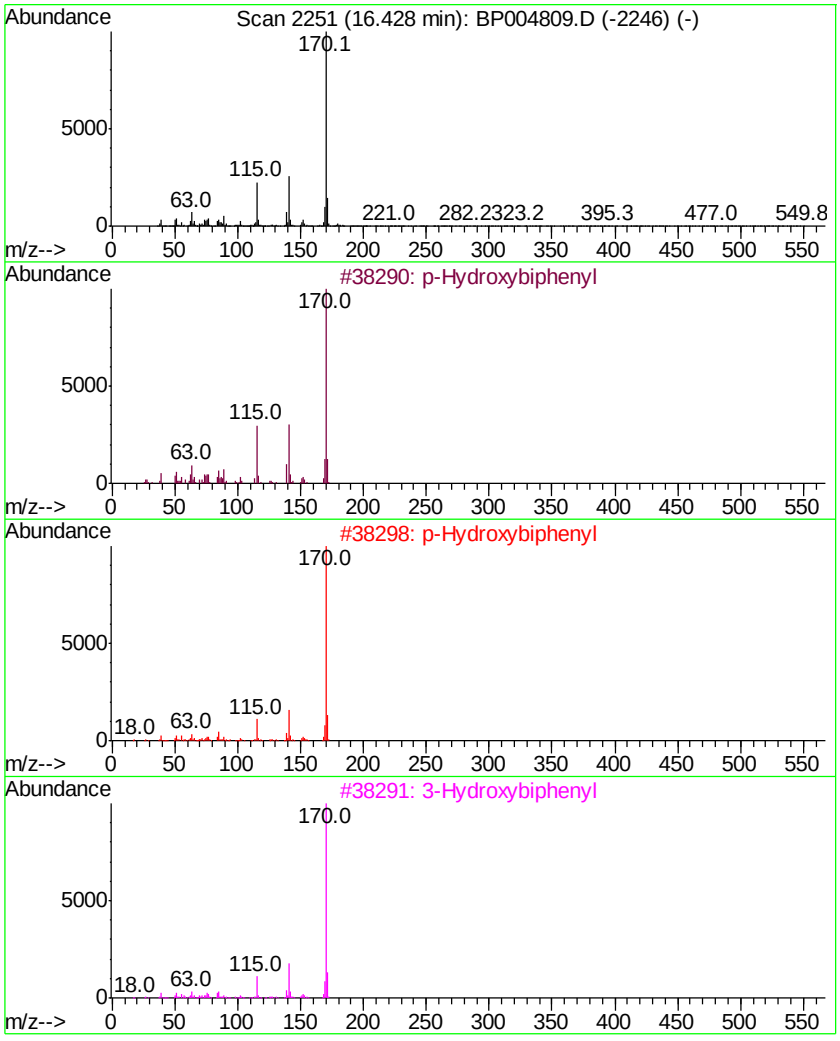
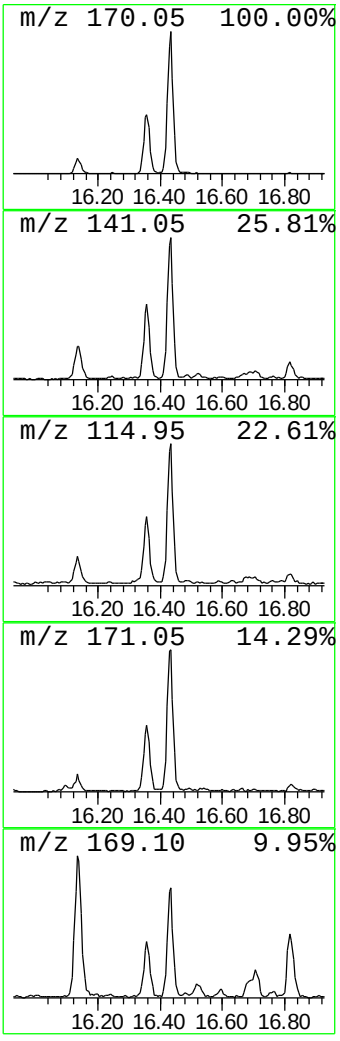
Peak Number 39 p-Hydroxybiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	14.40 ng/ul	438681	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	96
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	95
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94





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Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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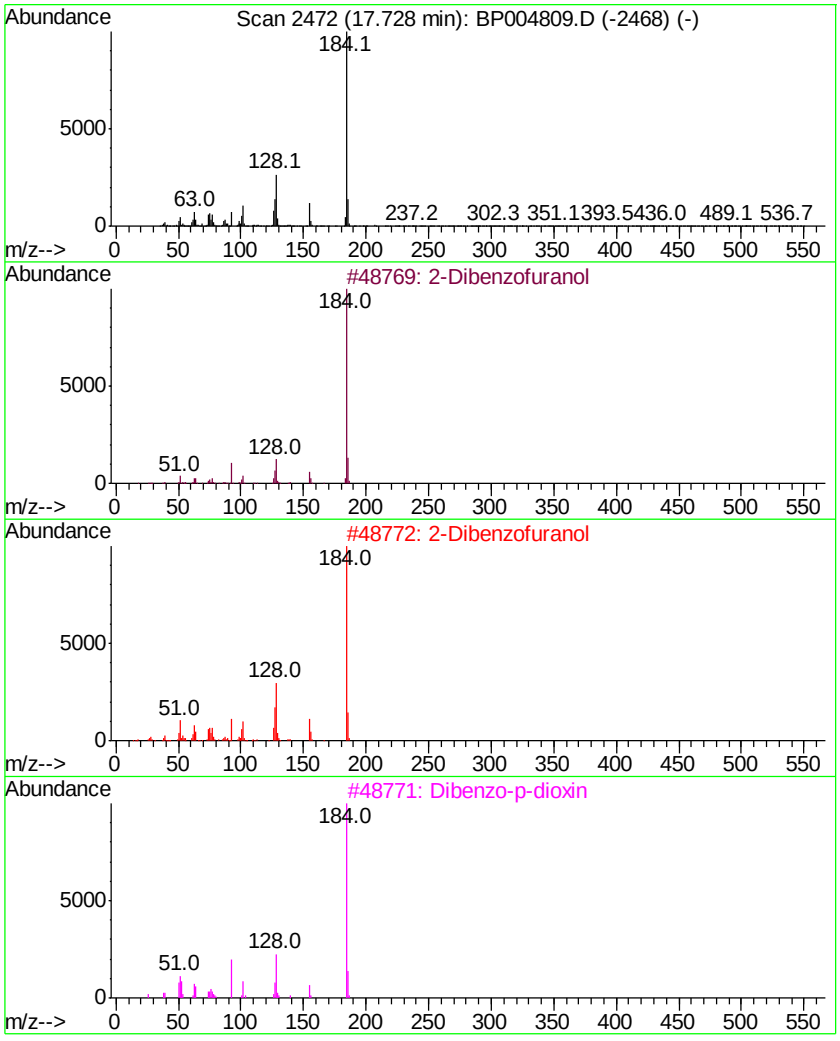
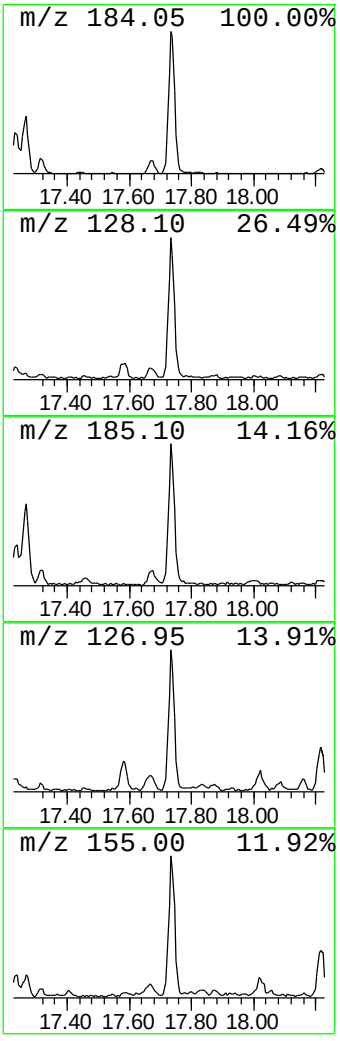
Peak Number 42 2-Dibenzofuranol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	16.38 ng/ul	498978	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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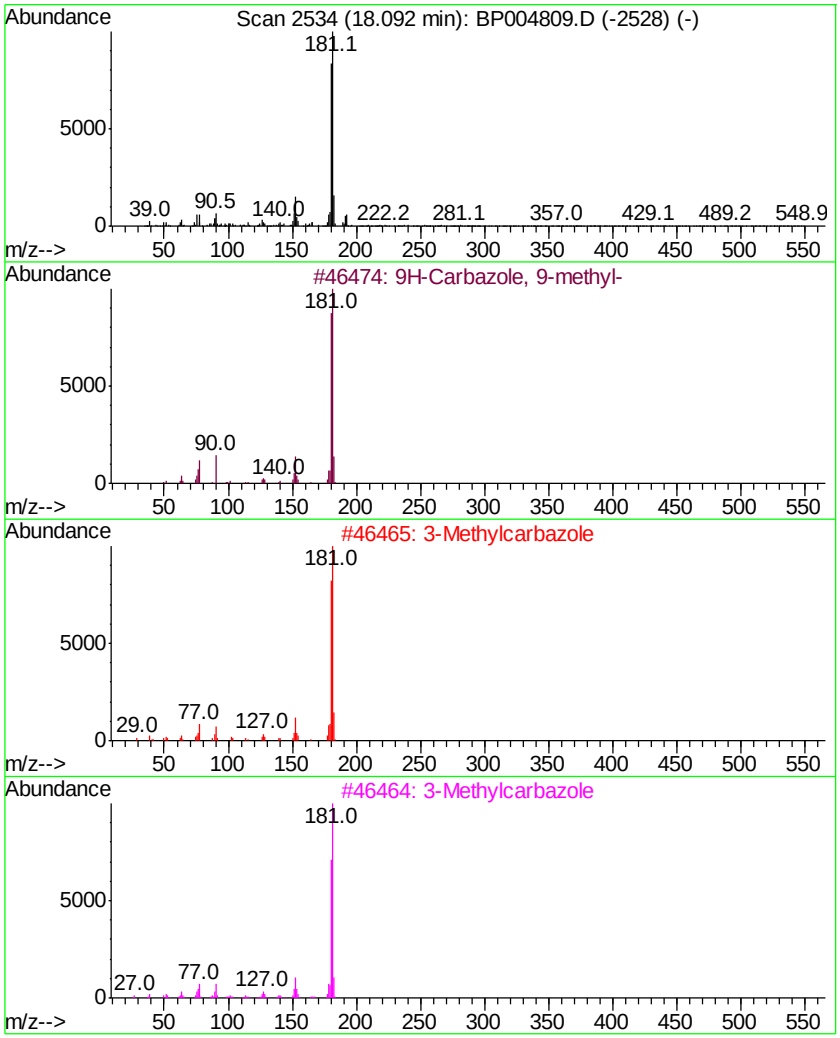
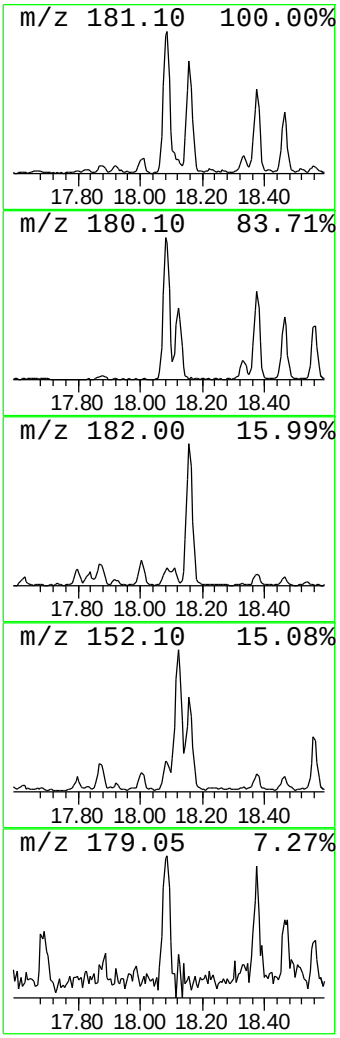
Peak Number 43 9H-Carbazole, 9-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.04 ng/ul	123162	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2	3-Methylcarbazole	181	C13H11N	004630-20-0	97
3	3-Methylcarbazole	181	C13H11N	004630-20-0	97
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
5	4-Methylcarbazole	181	C13H11N	003770-48-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION

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

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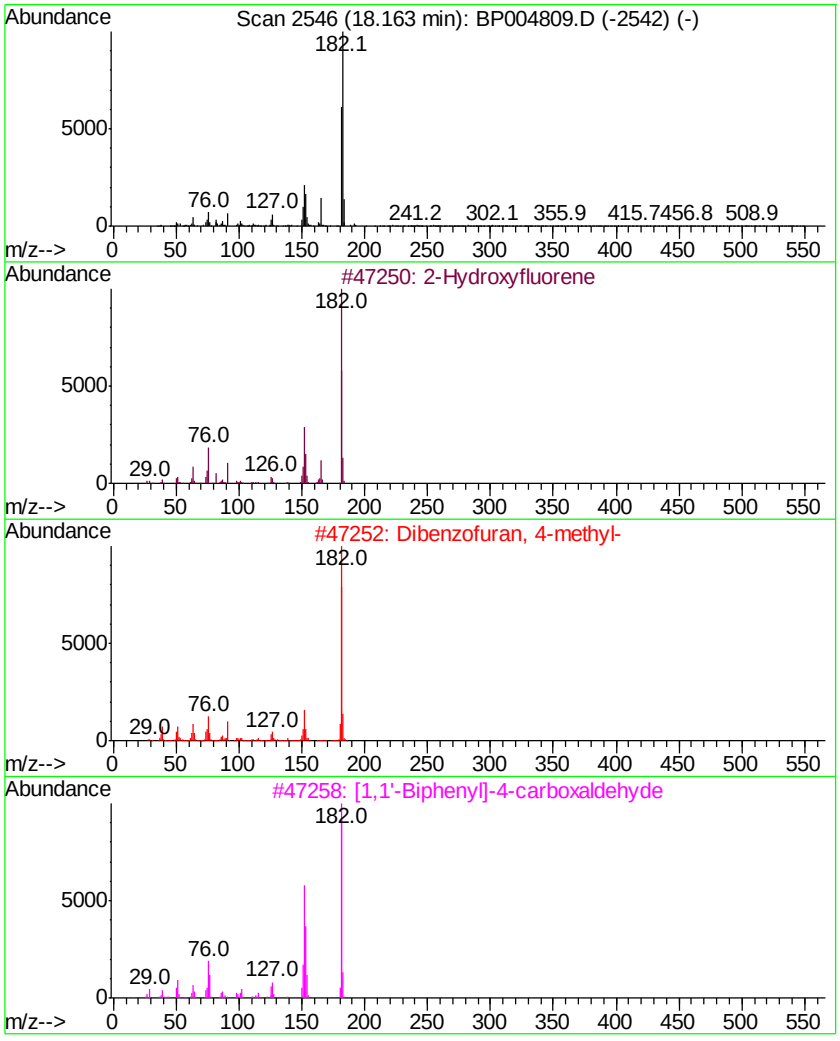
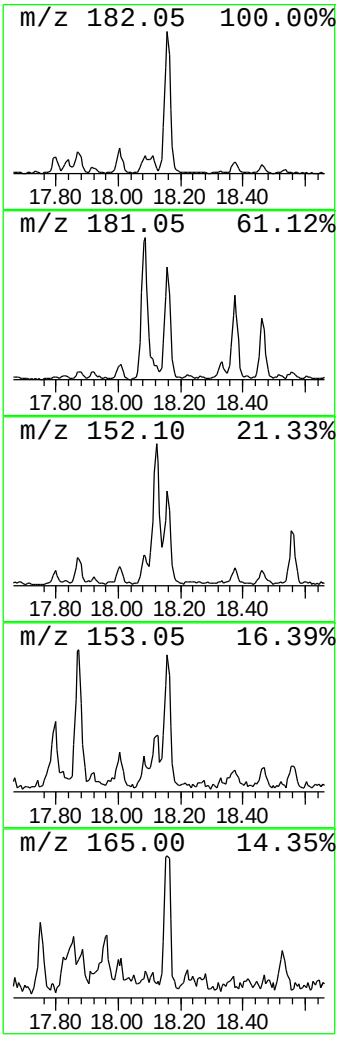
Peak Number 45 2-Hydroxyfluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.82 ng/ul	146705	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
Data File : BP004809.D
Acq On : 18 Feb 2021 14:03
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGL7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.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
p-Xylene	5.42	6.8	ng/ul	111629	1	7.76	325952	20.0
o-Xylene	5.79	7.1	ng/ul	115604	1	7.76	325952	20.0
Benzene, 1,2,3-tr...	7.41	6.2	ng/ul	100731	1	7.76	325952	20.0
Benzofuran	7.49	27.3	ng/ul	445473	1	7.76	325952	20.0
Indene	8.30	54.8	ng/ul	892613	1	7.76	325952	20.0
Benzonitrile, 4-m...	8.61	19.3	ng/ul	314838	1	7.76	325952	20.0
Benzofuran, 2-met...	9.12	5.4	ng/ul	87680	1	7.76	325952	20.0
Cinnamaldehyde, (E)-	9.24	19.9	ng/ul	332984	2	10.56	335416	20.0
Benzene, 1-etheny...	9.96	4.7	ng/ul	79049	2	10.56	335416	20.0
Benzonitrile, 3,5...	10.50	5.3	ng/ul	89044	2	10.56	335416	20.0
unknown-01	10.93	6.5	ng/ul	109250	2	10.56	335416	20.0
Phenol, 2,4,6-tri...	11.65	3.1	ng/ul	51690	2	10.56	335416	20.0
unknown-02	11.95	3.4	ng/ul	56786	2	10.56	335416	20.0
Benzo[b]thiophene...	12.12	7.0	ng/ul	117537	2	10.56	335416	20.0
Benzo[b]thiophene...	12.34	5.1	ng/ul	85321	2	10.56	335416	20.0
Naphthalene, 1-me...	12.45	77.3	ng/ul	1297010	2	10.56	335416	20.0
Naphthalene, 1-et...	13.44	4.9	ng/ul	154673	3	14.41	629076	20.0
7-Methylindan-1-one	13.58	11.1	ng/ul	350202	3	14.41	629076	20.0
Naphthalene, 2,3-...	13.73	5.6	ng/ul	176615	3	14.41	629076	20.0
2-Naphthalenecarb...	14.55	20.5	ng/ul	644423	3	14.41	629076	20.0
o-Hydroxybiphenyl	14.69	4.9	ng/ul	155468	3	14.41	629076	20.0
Menadione	14.76	5.3	ng/ul	165849	3	14.41	629076	20.0
Phenol, 2,3,5,6-t...	14.96	15.5	ng/ul	487648	3	14.41	629076	20.0
Benzo[h]quinoline	15.90	4.2	ng/ul	127385	4	17.17	609339	20.0
1-Acenaphthenol	16.13	5.5	ng/ul	167345	4	17.17	609339	20.0
3-Hydroxybiphenyl	16.36	7.3	ng/ul	222189	4	17.17	609339	20.0
p-Hydroxybiphenyl	16.43	14.4	ng/ul	438681	4	17.17	609339	20.0
2-Dibenzofuranol	17.73	16.4	ng/ul	498978	4	17.17	609339	20.0
9H-Carbazole, 9-m...	18.09	4.0	ng/ul	123162	4	17.17	609339	20.0
2-Hydroxyfluorene	18.16	4.8	ng/ul	146705	4	17.17	609339	20.0