LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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	7.052	666	674	680	rBV	121842	198072	0.57%	0.168%
2	7.210	694	701	704	rBV	98343	161968	0.46%	0.137%
3	7.246	704	707	715	rVB	155210	240692	0.69%	0.204%
4	7.363	721	727	733	rBV2	122075	183396	0.53%	0.155%
5	7.434	733	739	748	rVB	199938	319866	0.92%	0.271%
6	7.716	779	787	797	rBV	137463	225710	0.65%	0.191%
7	8.087	843	850	856	rBV	583918	919405	2.64%	0.779%
8	8.157	856	862	868	rVV	224773	349818	1.00%	0.296%
9	8.252	868	878	885	rVV	1257280	2014505	5.78%	1.707%
10	8.422	900	907	913	rVV	135857	228769	0.66%	0.194%
11	8.493	913	919	924	rVV	239328	416490	1.19%	0.353%
12	8.557	924	930	937	rVB2	131004	257128	0.74%	0.218%
13	8.875	978	984	991	rVV2	170901	319739	0.92%	0.271%
14	9.063	1010	1016	1022	rBV	84335	132842	0.38%	0.113%
15	9.187	1031	1037	1043	rVV	175196	371227	1.07%	0.315%
16	9.593	1096	1106	1112	rBV	151323	256757	0.74%	0.218%
17	9.693	1117	1123	1126	rVV	189503	330679	0.95%	0.280%
18	9.722	1126	1128	1137	rVV2	160532	306135	0.88%	0.259%
19	9.934	1161	1164	1172	rVB3	77320	177807	0.51%	0.151%
20	10.010	1172	1177	1182	rVB	365775	551071	1.58%	0.467%
21	10.134	1192	1198	1210	rVB2	238070	499108	1.43%	0.423%
22	10.393	1232	1242	1247	rBV	88327	150505	0.43%	0.128%
23	10.604	1257	1278	1282	rBV	14026010	34856357	100.00%	29.533%
24	10.687	1282	1292	1300	rVB	977298	1589911	4.56%	1.347%
25	10.869	1317	1323	1329	rBV2	74390	129746	0.37%	0.110%
26	11.128	1359	1367	1374	rBV3	83258	157726	0.45%	0.134%
27	11.351	1400	1405	1413	rVB	211171	361676	1.04%	0.306%
28	11.904	1490	1499	1507	rVB	659204	1113856	3.20%	0.944%
29	12.069	1521	1527	1533	rVB	87223	133564	0.38%	0.113%
30	12.181	1537	1546	1552	rVV	2400537	3943852	11.31%	3.342%
31	12.287	1559	1564	1572	rVB4	140064	284299	0.82%	0.241%
32	12.398	1572	1583	1596	rVV	1433697	2464698	7.07%	2.088%
33	12.575	1607	1613	1619	rVB	80274	132356	0.38%	0.112%
34	12.828	1651	1656	1663	rVV	115057	188885	0.54%	0.160%

LSC Area Percent Report

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Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	13.198	1711	1719	1729	rVB	596155	967513	2.78%	0.820%
36	13.392	1747	1752	1765	rVB2	105123	265789	0.76%	0.225%
37	13.528	1765	1775	1776	rBV3	135025	291428	0.84%	0.247%
38	13.687	1796	1802	1807	rBV	207477	367918	1.06%	0.312%
39	13.739	1807	1811	1814	rVV	142106	198916	0.57%	0.169%
40	13.787	1814	1819	1824	rVB	390658	559428	1.60%	0.474%
41	14.057	1859	1865	1877	rVB	485269	945887	2.71%	0.801%
42	14.204	1886	1890	1896	rVB2	181791	315175	0.90%	0.267%
43	14.369	1910	1918	1923	rBV3	283347	509512	1.46%	0.432%
44	14.439	1923	1930	1936	rVV	3251817	4746565	13.62%	4.022%
45	14.510	1936	1942	1947	rVV	1317686	2015279	5.78%	1.707%
46	14.663	1961	1968	1976	rVB3	345848	758617	2.18%	0.643%
47	14.775	1976	1987	1997	rBV2	1692150	3247491	9.32%	2.751%
48	14.975	2015	2021	2029	rBV4	50004	128380	0.37%	0.109%
49	15.128	2043	2047	2051	rVV	174288	260028	0.75%	0.220%
50	15.257	2062	2069	2073	rBV2	127093	236070	0.68%	0.200%
51	15.316	2073	2079	2084	rBV2	463717	868351	2.49%	0.736%
52	15.369	2084	2088	2092	rVV	561698	756697	2.17%	0.641%
53	15.428	2092	2098	2104	rVB	1061412	1522860	4.37%	1.290%
54	15.492	2104	2109	2115	rBV2	224139	340579	0.98%	0.289%
55	15.669	2130	2139	2143	rVB8	71915	175456	0.50%	0.149%
56	15.716	2143	2147	2151	rBV	147485	214114	0.61%	0.181%
57	15.828	2156	2166	2169	rVV2	171181	347860	1.00%	0.295%
58	15.863	2169	2172	2180	rVV3	186712	398439	1.14%	0.338%
59	15.933	2180	2184	2195	rVB2	81646	140320	0.40%	0.119%
60	16.104	2206	2213	2222	rBV2	513137	1270914	3.65%	1.077%
61	16.316	2245	2249	2253	rVB2	123394	190073	0.55%	0.161%
62	16.410	2253	2265	2266	rBV2	749373	1520909	4.36%	1.289%
63	16.581	2279	2294	2298	rVB2	1801117	6253659	17.94%	5.299%
64	16.786	2320	2329	2334	rBV	754561	1391770	3.99%	1.179%
65	16.886	2334	2346	2349	rVV	934684	2366487	6.79%	2.005%
66	16.939	2349	2355	2365	rVB4	606785	1595507	4.58%	1.352%
67	17.139	2375	2389	2392	rVV3	799662	2498384	7.17%	2.117%
68	17.175	2392	2395	2400	rVV	1749928	2402257	6.89%	2.035%
69	17.233	2400	2405	2409	rVV3	994689	1493478	4.28%	1.265%
70	17.269	2409	2411	2417	rVV4	128113	200428	0.58%	0.170%
71	17.345	2417	2424	2427	rVV3	304194	622435	1.79%	0.527%

LSC Area Percent Report

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Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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	17.463	2427	2444	2447	rVV	1092221	4605215	13.21%	3.902%
73	17.498	2448	2450	2452	rVV	833916	697424	2.00%	0.591%
74	17.551	2452	2459	2463	rVV	1585812	2529013	7.26%	2.143%
75	17.586	2463	2465	2470	rVV2	543719	708412	2.03%	0.600%
76	17.675	2472	2480	2482	rVV3	588099	1337716	3.84%	1.133%
77	17.710	2484	2486	2489	rVV	771609	961870	2.76%	0.815%
78	17.739	2489	2491	2506	rVB3	385377	1009600	2.90%	0.855%
79	17.998	2530	2535	2538	rBV2	124558	196076	0.56%	0.166%
80	18.045	2538	2543	2545	rBV3	280472	473702	1.36%	0.401%
81	18.157	2557	2562	2564	rBV	103033	161200	0.46%	0.137%
82	18.186	2564	2567	2581	rVB2	238497	409736	1.18%	0.347%
83	18.298	2581	2586	2589	rBV2	113942	192191	0.55%	0.163%
84	18.345	2589	2594	2601	rVB2	351959	613295	1.76%	0.520%
85	18.433	2601	2609	2613	rBV2	268575	458487	1.32%	0.388%
86	18.527	2620	2625	2630	rVB2	216255	305805	0.88%	0.259%
87	18.922	2686	2692	2700	rVB2	215450	451052	1.29%	0.382%
88	19.004	2701	2706	2709	rBV	157250	248022	0.71%	0.210%
89	19.145	2726	2730	2735	rVB	210370	273082	0.78%	0.231%
90	19.239	2741	2746	2747	rBV	127618	171970	0.49%	0.146%
91	19.274	2749	2752	2757	rVV3	186804	263055	0.75%	0.223%
92	19.474	2781	2786	2794	rBV3	758999	1159764	3.33%	0.983%
93	19.916	2851	2861	2864	rBV2	236850	414349	1.19%	0.351%
94	19.974	2864	2871	2880	rVB	722777	1301591	3.73%	1.103%
95	20.457	2950	2953	2962	rVB	88773	128562	0.37%	0.109%
96	20.545	2963	2968	2970	rBV2	112868	159488	0.46%	0.135%
97	20.574	2970	2973	2984	rVB3	166069	380068	1.09%	0.322%
98	21.221	3078	3083	3088	rBV	426851	539329	1.55%	0.457%
99	23.368	3440	3448	3459	rVB	505490	1003321	2.88%	0.850%
100	23.510	3466	3472	3481	rVB	269362	519341	1.49%	0.440%

Sum of corrected areas: 118026324

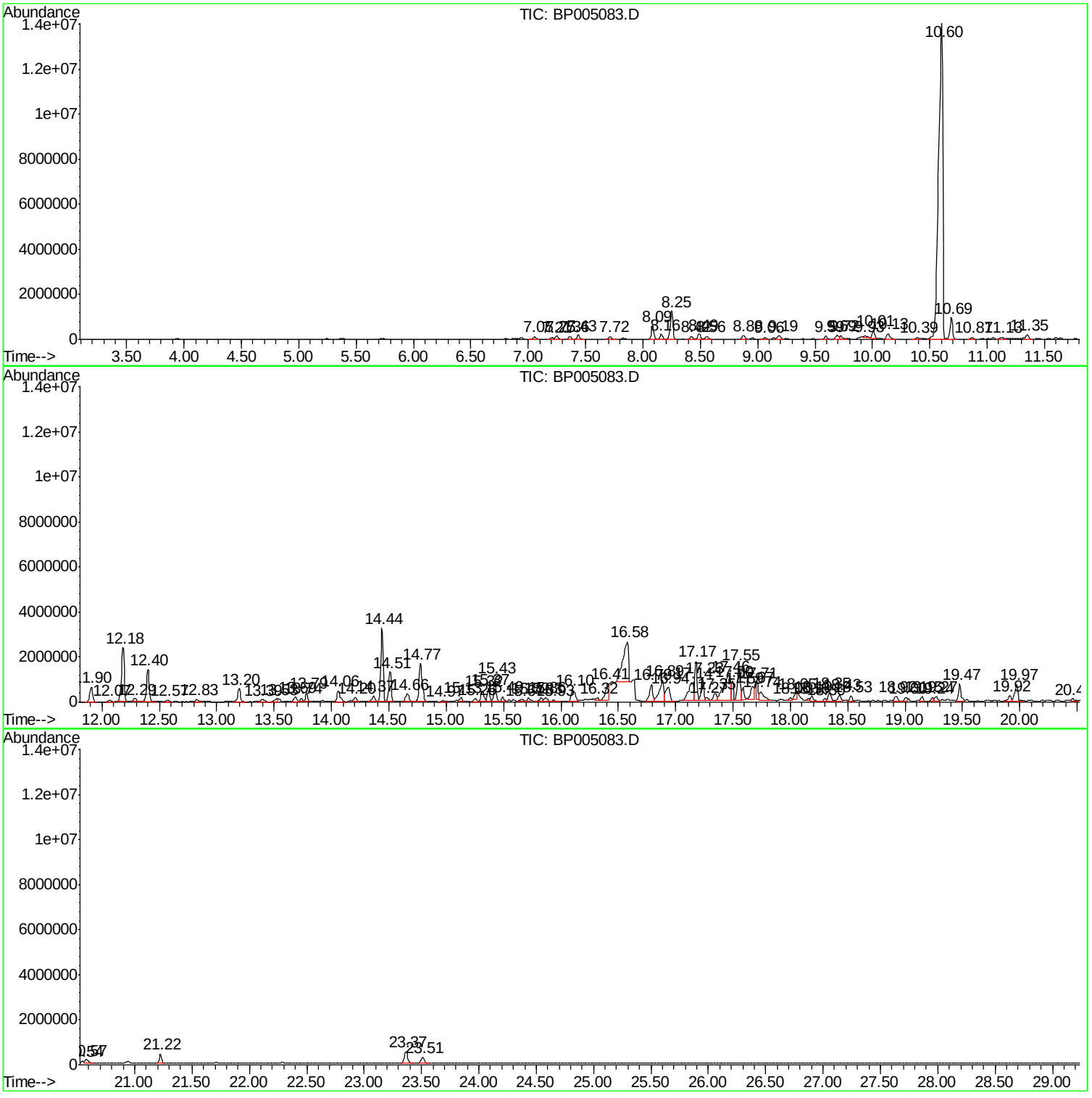
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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

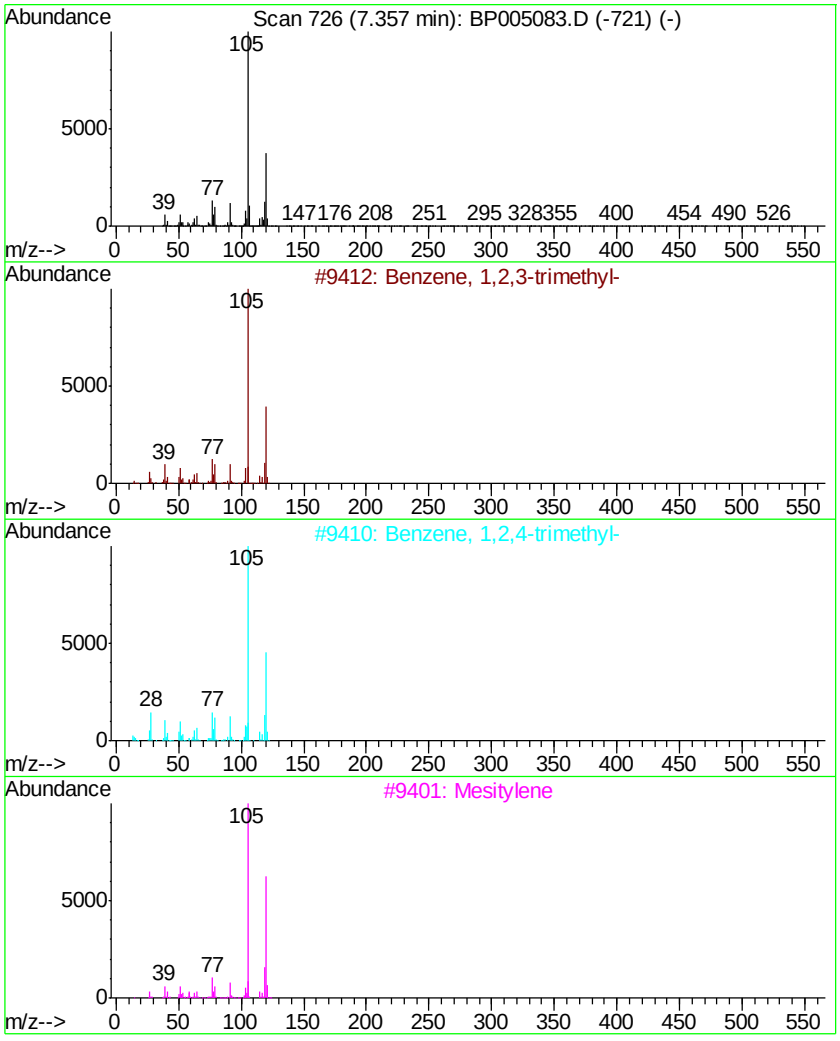
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

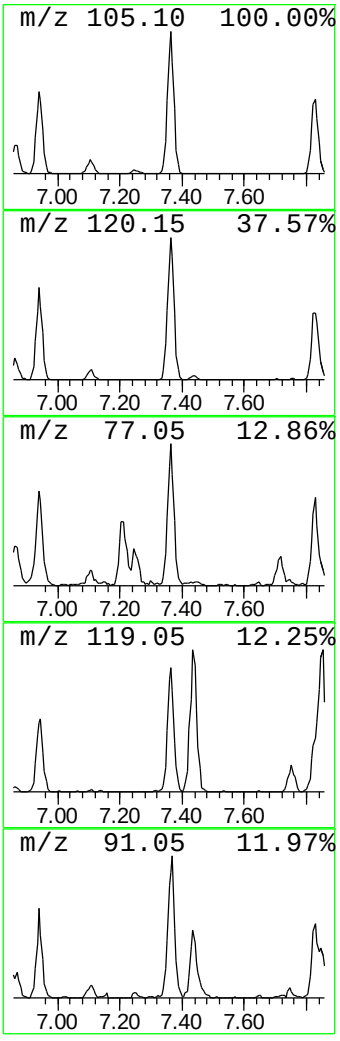
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	16.25 ng/ul	183396	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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

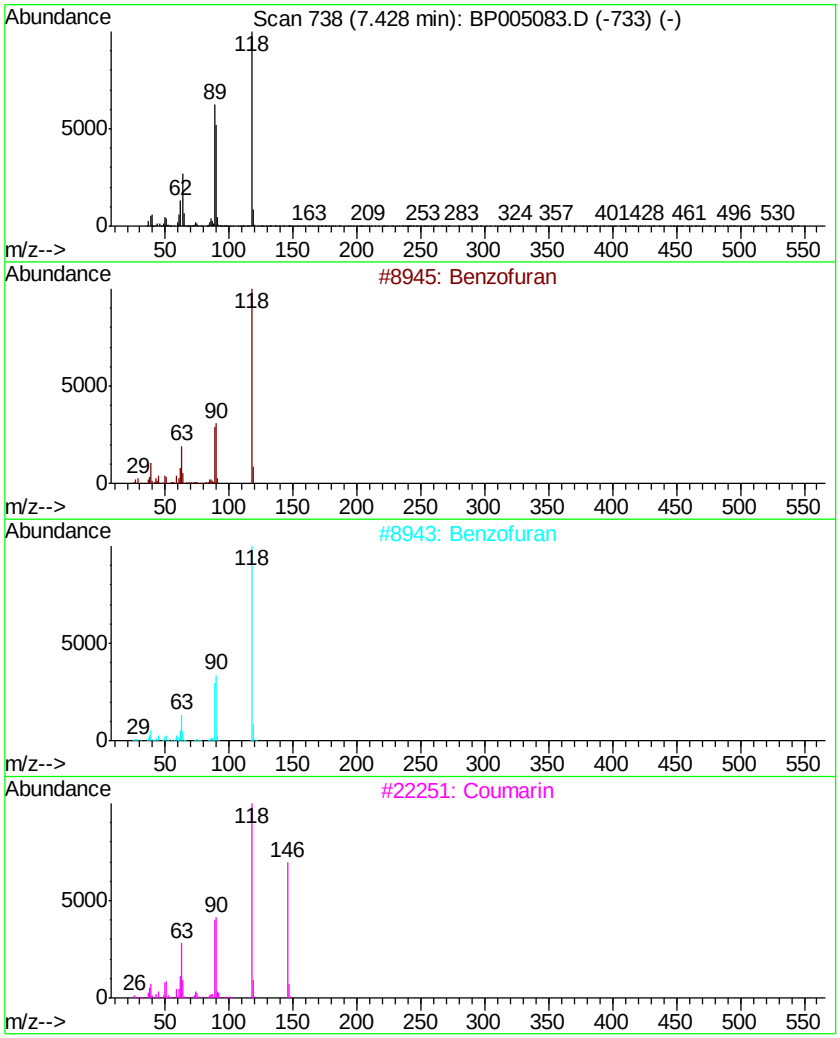
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

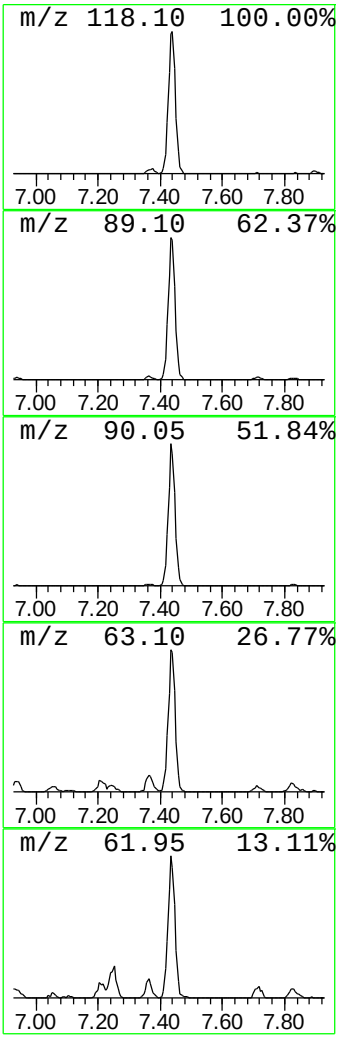
****

Peak Number 2 Benzofuran Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	28.34 ng/ul	319866	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Coumarin	146	C9H6O2	000091-64-5	83
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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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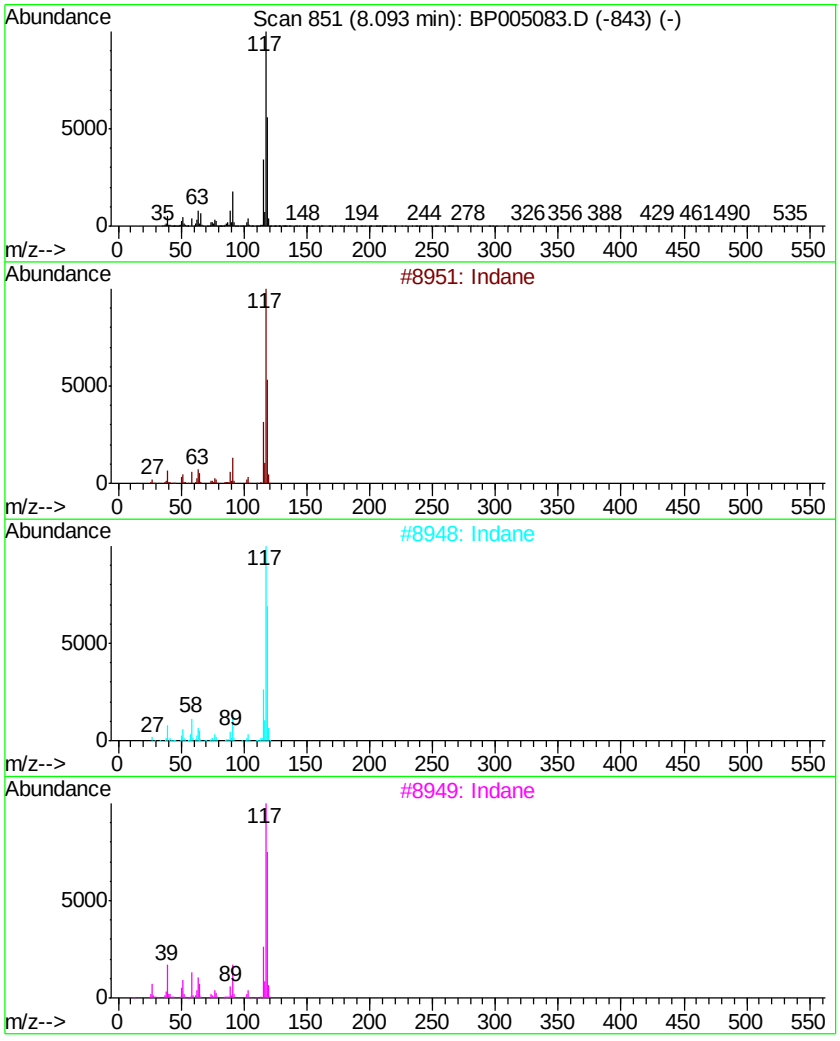
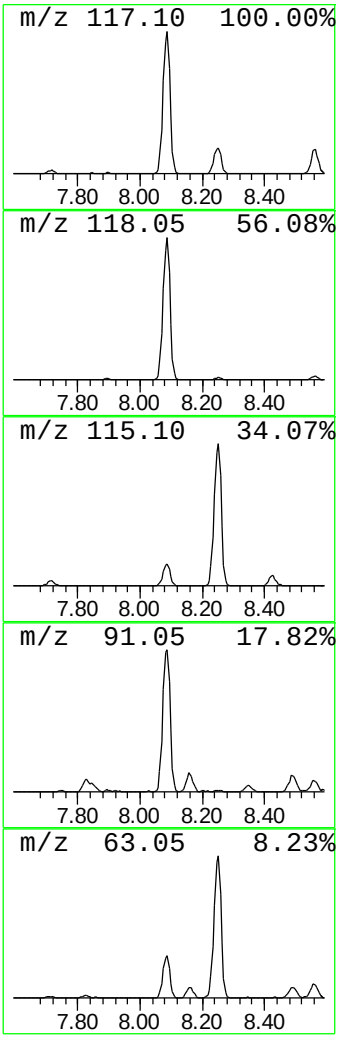
Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	81.47 ng/ul	919405	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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

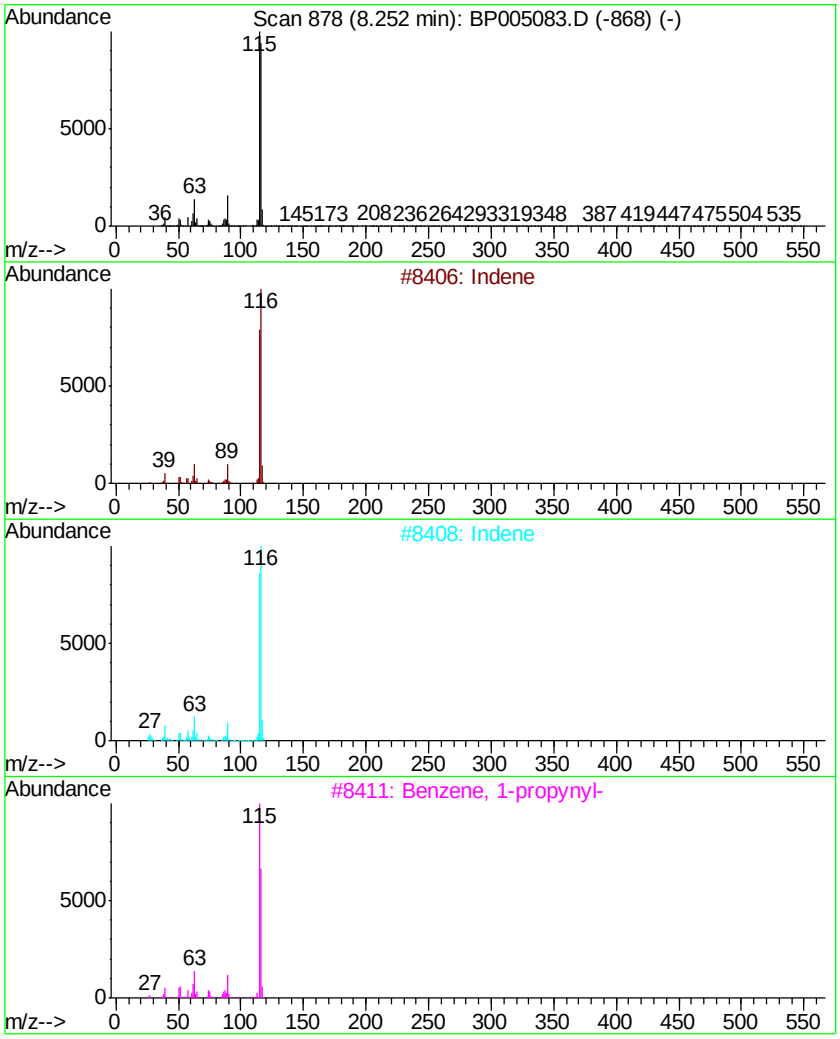
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

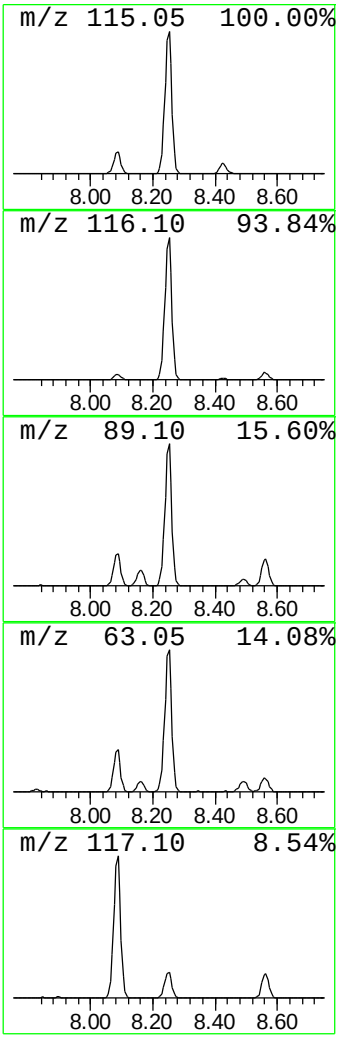
****

Peak Number 4 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	178.50 ng/ul	2014510	1,4-Dichlorobenzene-d4	7.72

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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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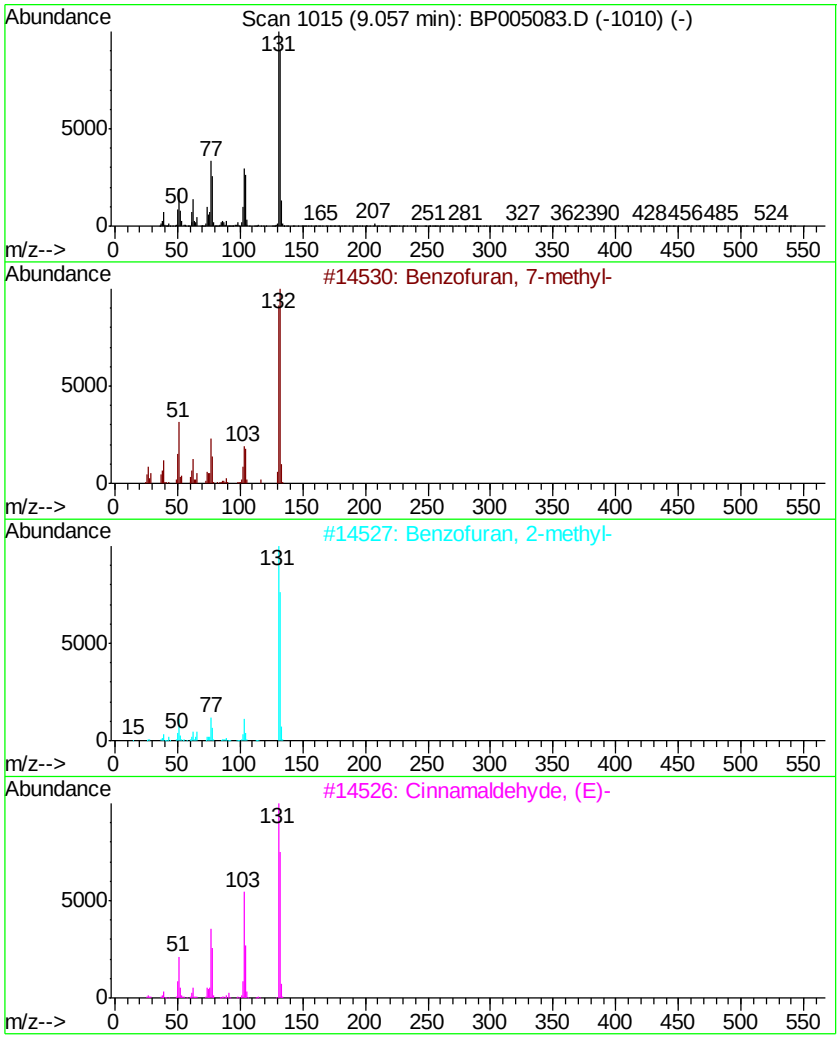
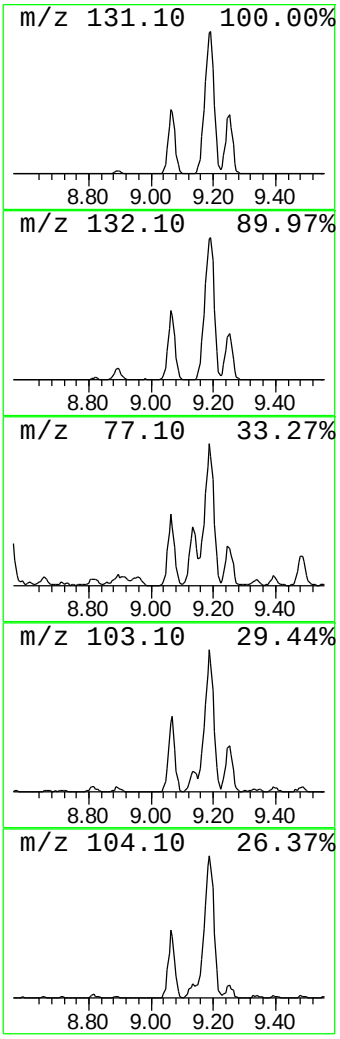
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	11.77 ng/ul	132842	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	94
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Sample : M1800-05
Misc :
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Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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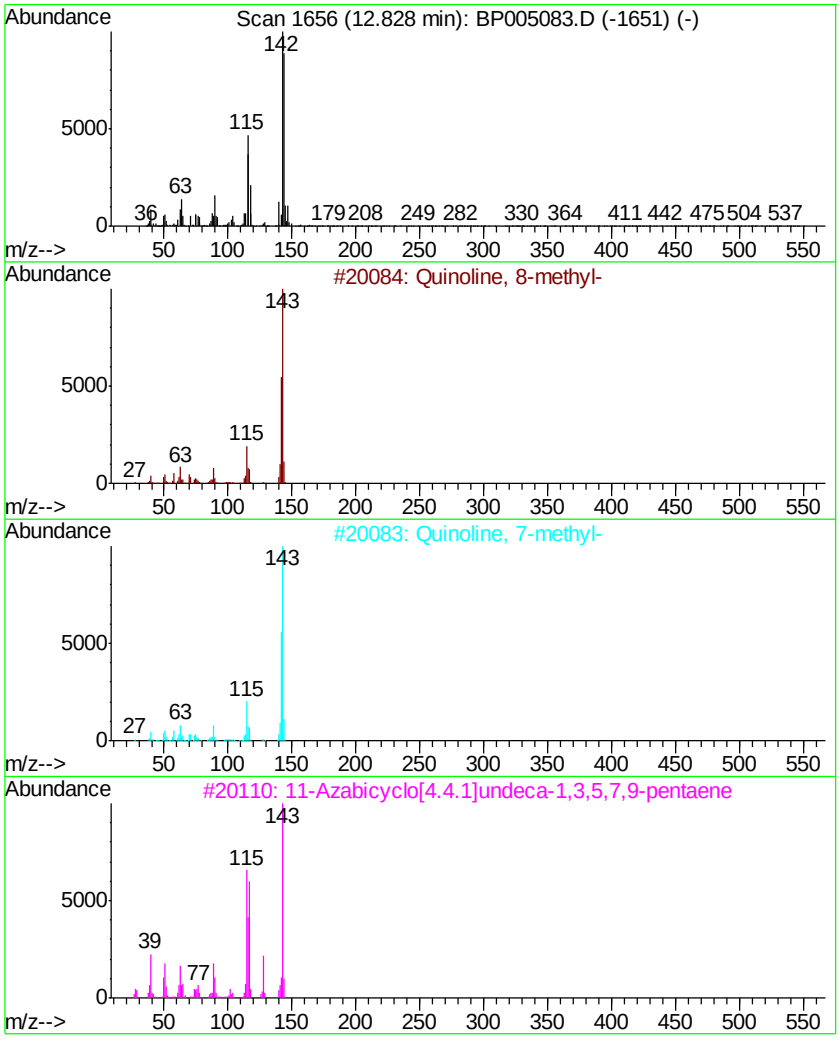
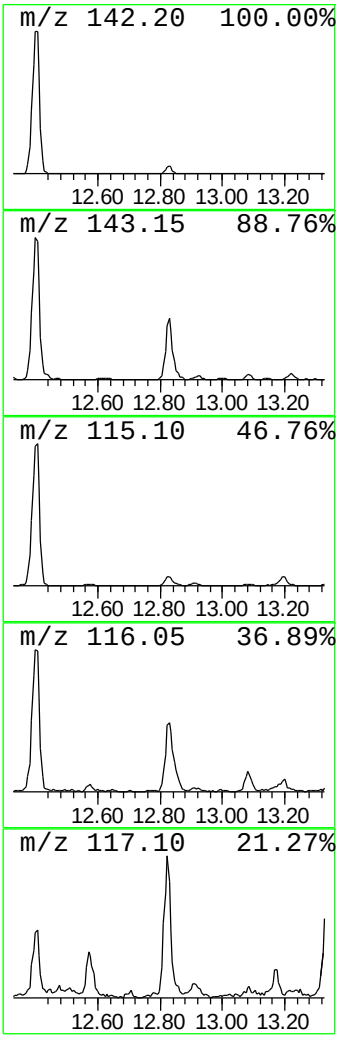
Peak Number 7 Quinoline, 8-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	7.41 ng/ul	188885	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 8-methyl-	143	C10H9N	000611-32-5	64
2	Quinoline, 7-methyl-	143	C10H9N	000612-60-2	64
3	11-Azabicyclo[4.4.1]undeca-1,3,5...	143	C10H9N	004753-55-3	60
4	1-Naphthalenamine	143	C10H9N	000134-32-7	53
5	2-Naphthalenamine	143	C10H9N	000091-59-8	53





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Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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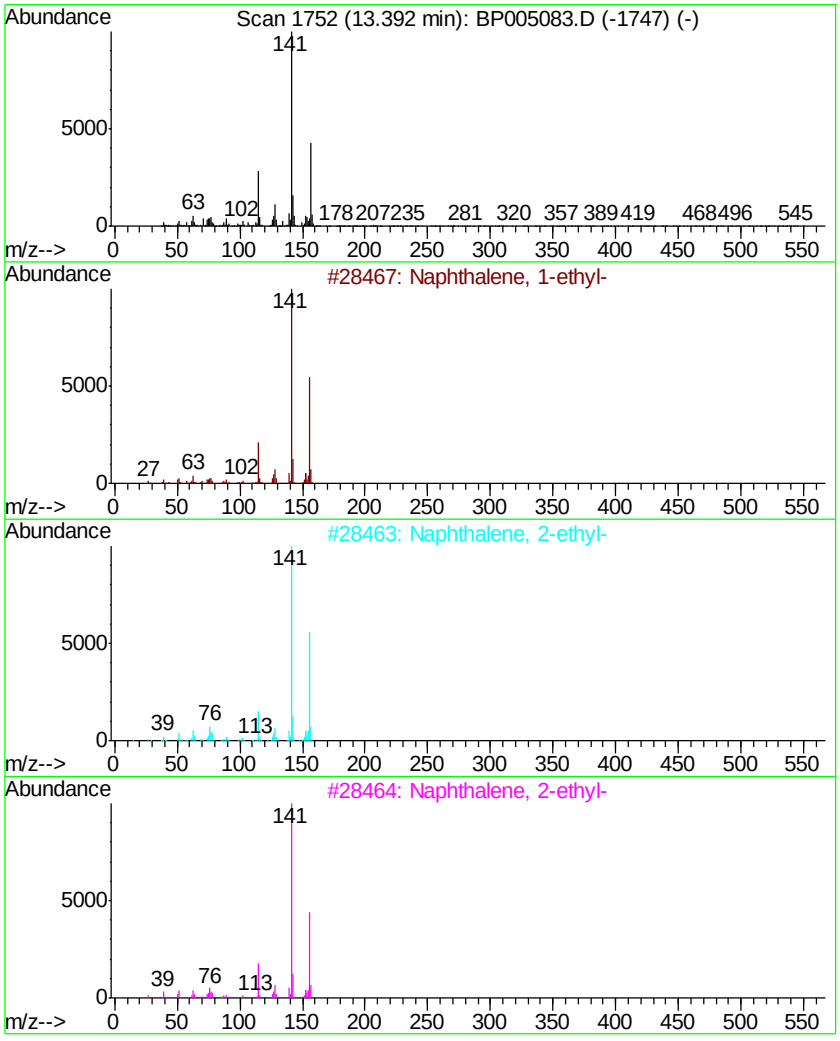
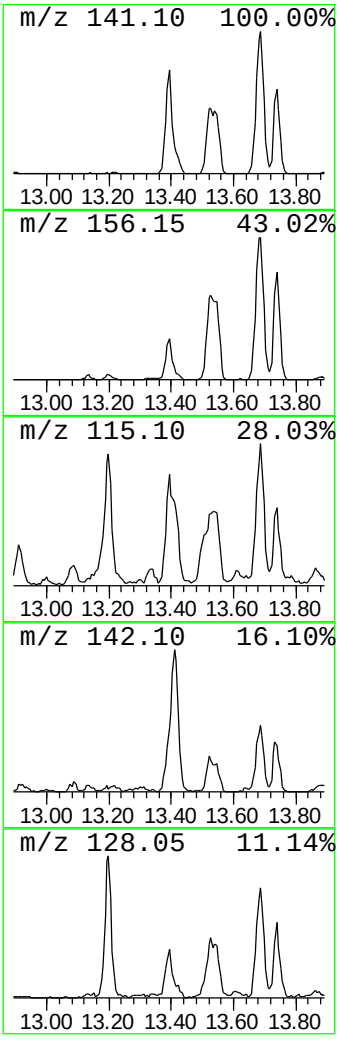
Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	10.43 ng/ul	265789	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, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





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ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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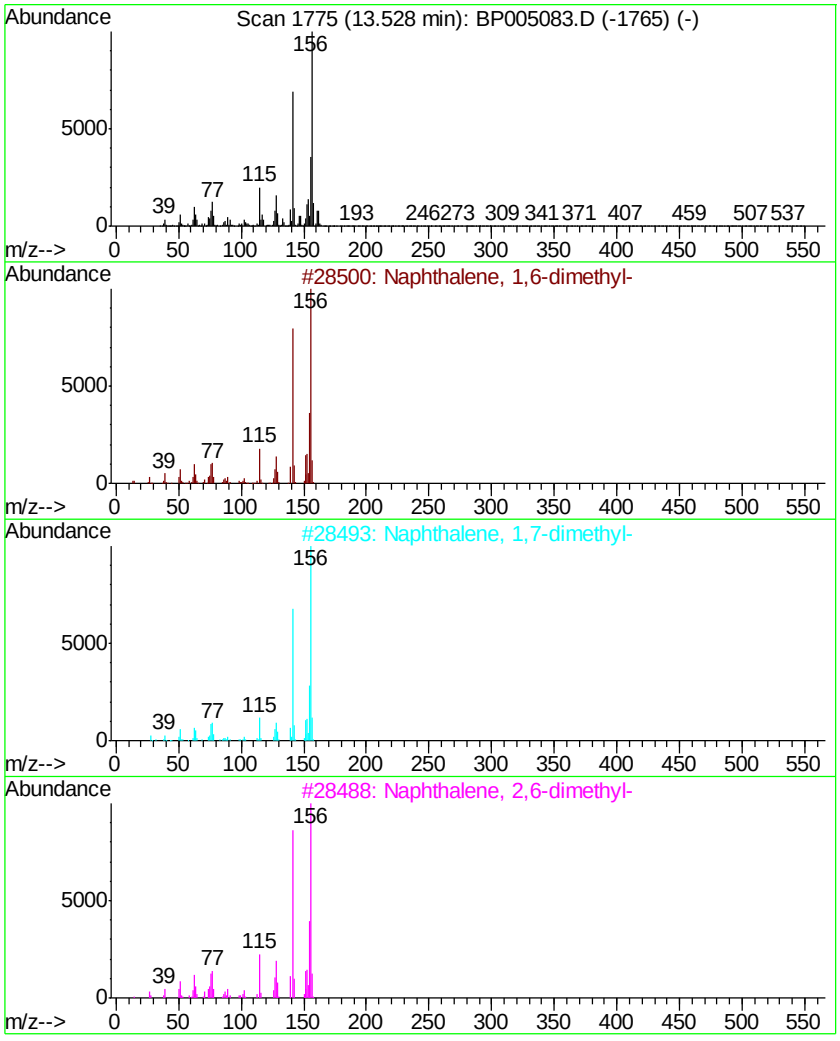
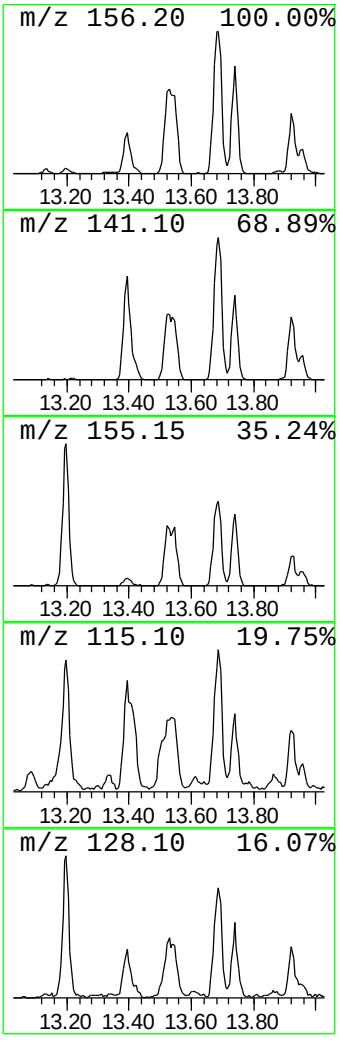
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	11.44 ng/ul	291428	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : M1800-05
Misc :
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Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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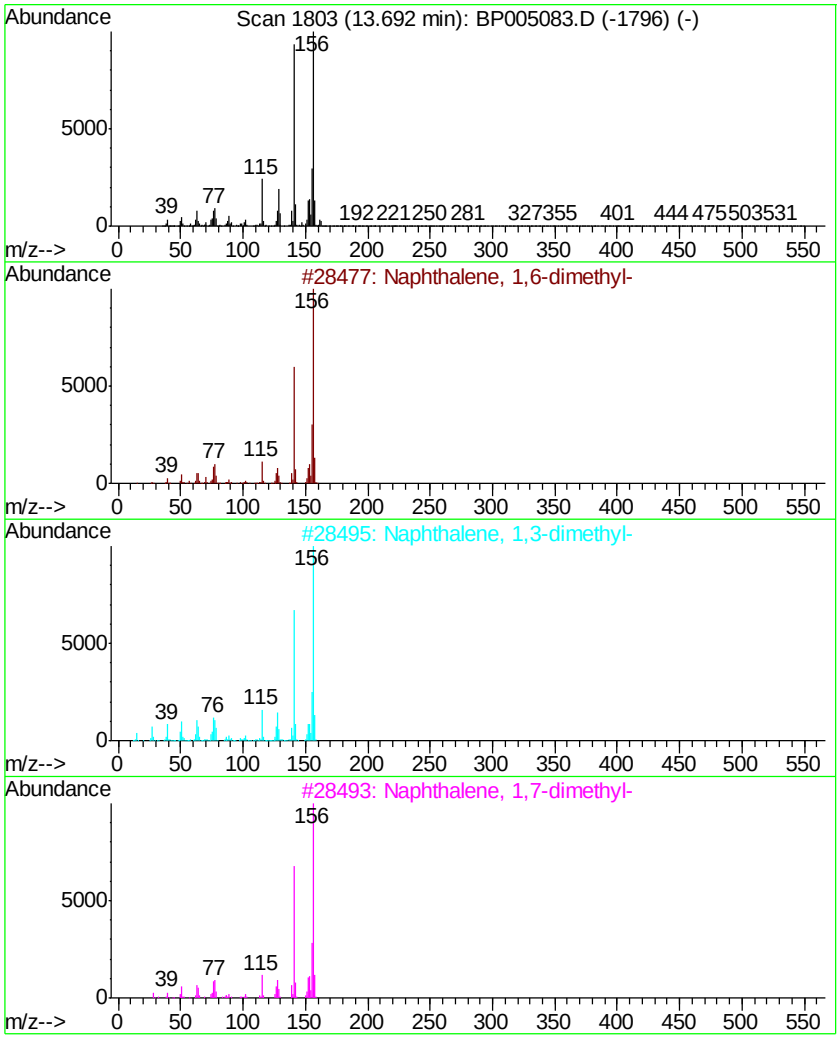
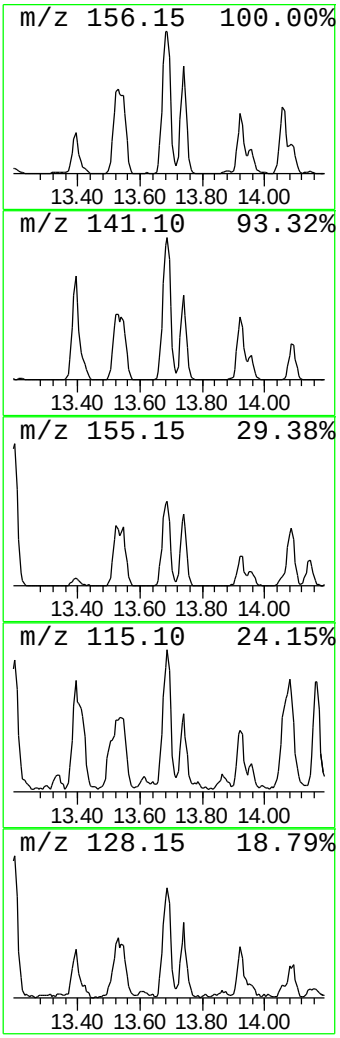
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	14.44 ng/ul	367918	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Quant Title : SVOA CALIBRATION

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

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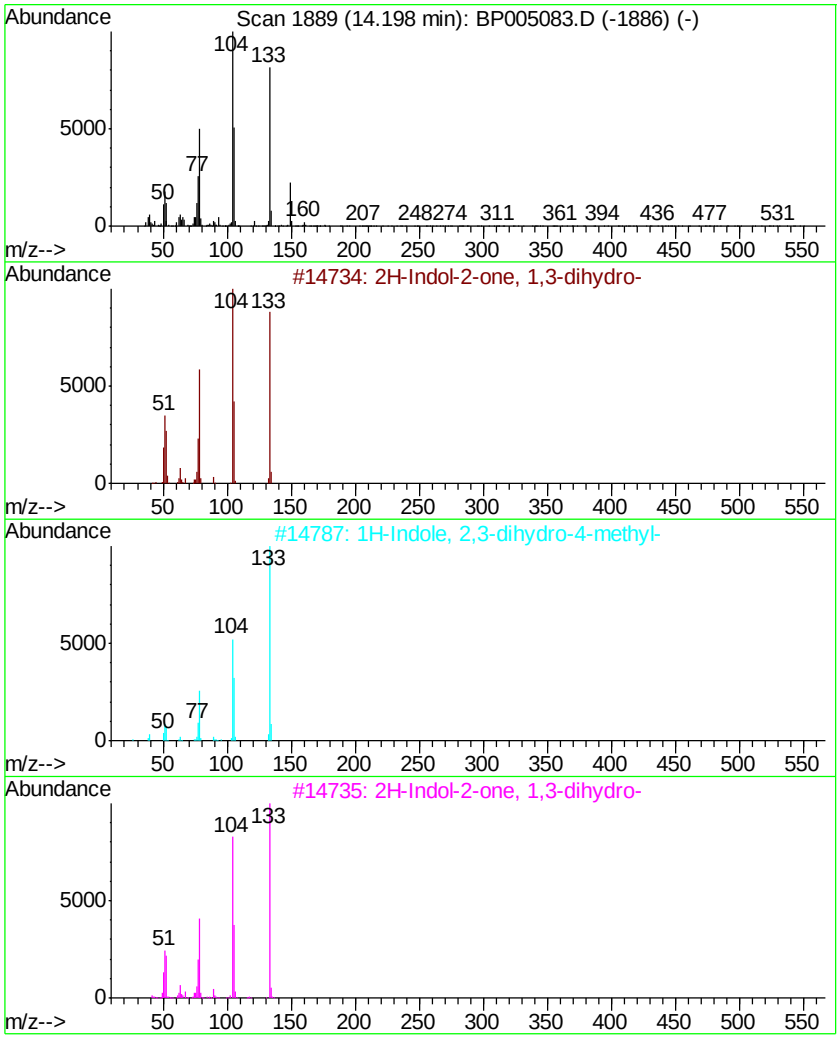
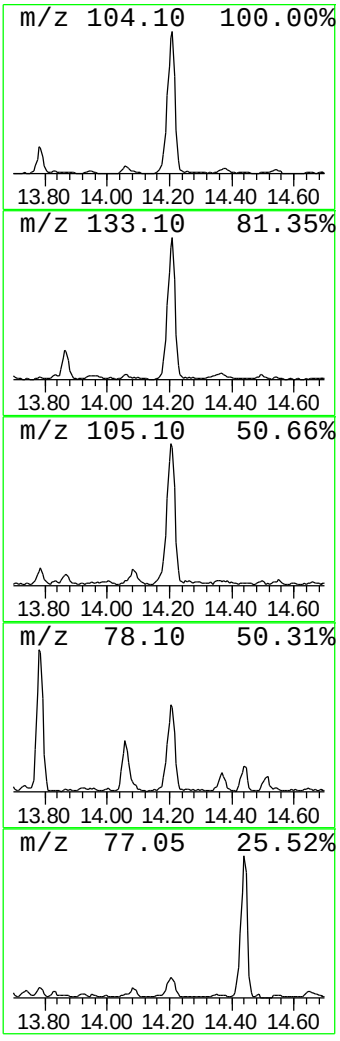
Peak Number 11 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	12.37 ng/ul	315175	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	94
2	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	93
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	91
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	87
5	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	83





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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 2-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	79.11 ng/ul	2015280	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	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	90
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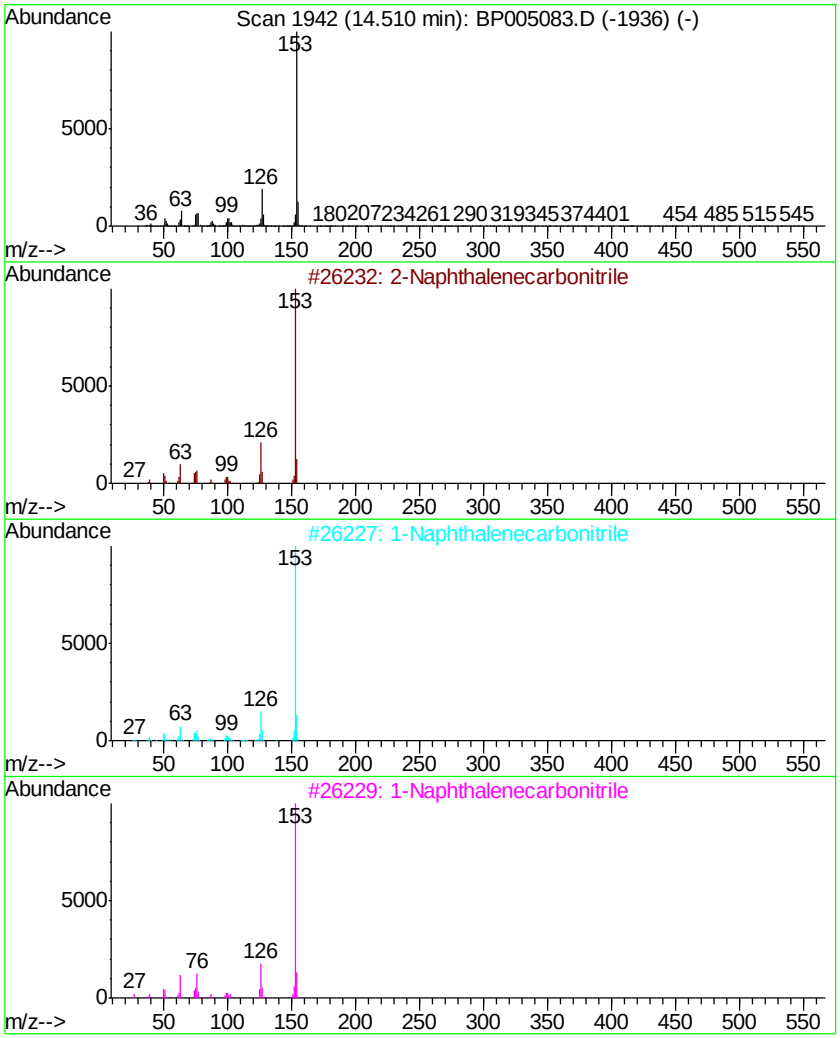

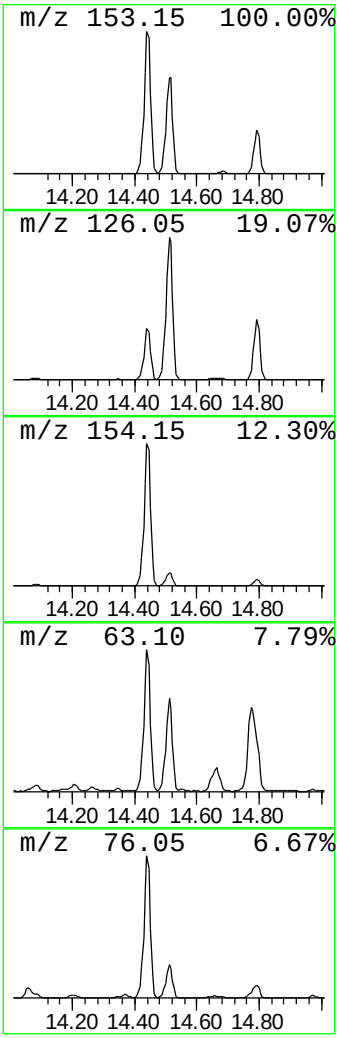

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Misc :
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Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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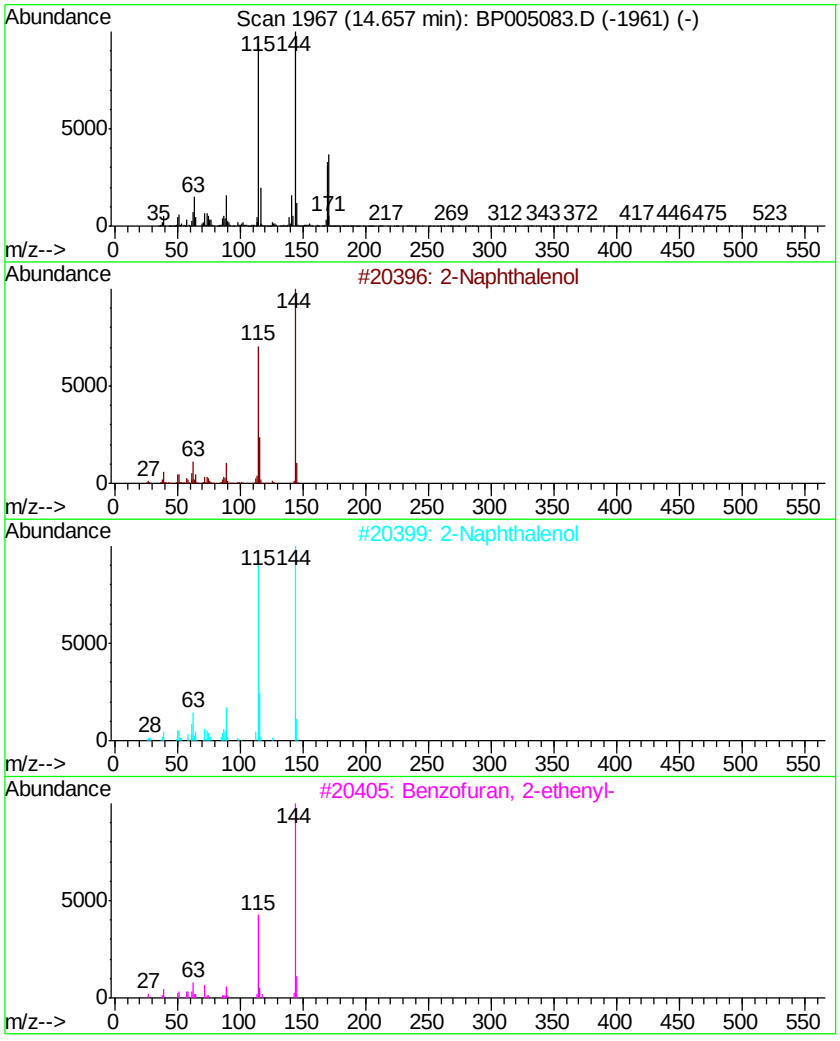
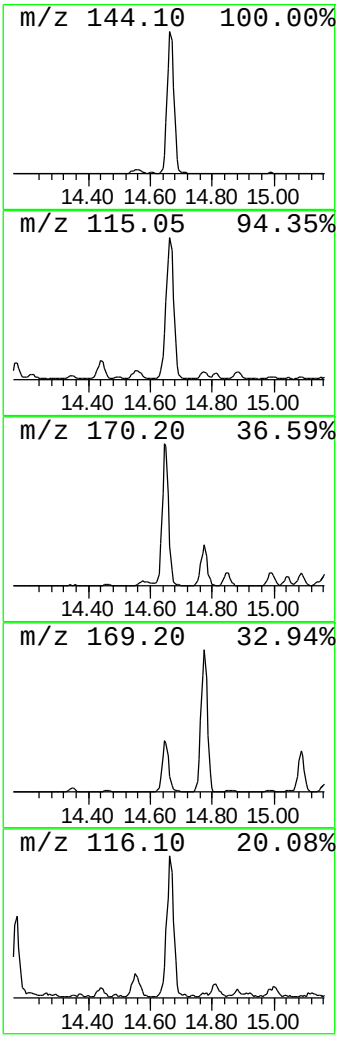
Peak Number 13 2-Naphthalenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	29.78 ng/ul	758617	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol	144	C10H8O	000135-19-3	94
2	2-Naphthalenol	144	C10H8O	000135-19-3	93
3	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	83
4	Furan, 3-phenyl-	144	C10H8O	013679-41-9	81
5	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	80





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

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Peak Number 15 1H-Indole-1-carboxaldehyde,... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.21 ng/ul	260028	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	64
2	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	64
3	5H-1-Pyrindine, 6,7-dihydro-	119	C8H9N	000533-37-9	60
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58
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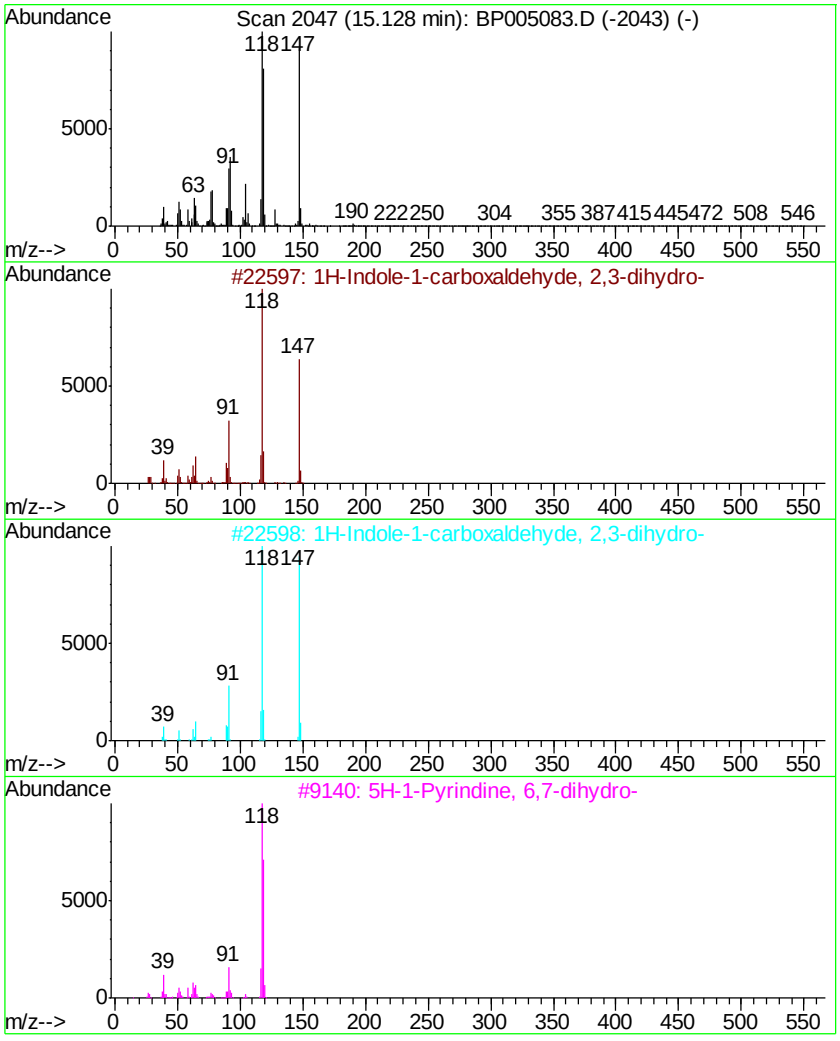

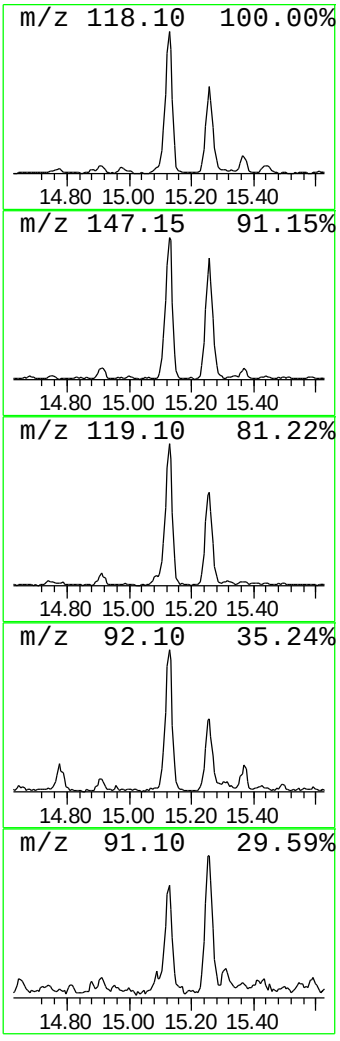

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Quant Title : SVOA CALIBRATION

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

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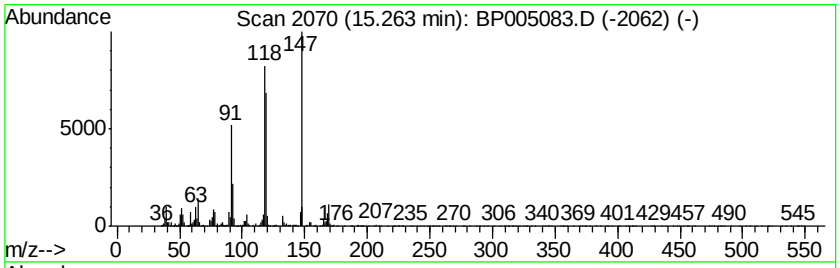
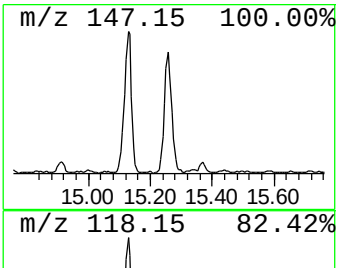
Peak Number 16 2,6-Dimethylphenyl isocyanate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	9.27 ng/ul	236070	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	87
2	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	87
3	N-Methyl-1H-benzimidazol-2-amine	147	C8H9N3	1000332-71-6	80
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	70
5	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	64





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TIC Integration Parameters: LSCINT.P

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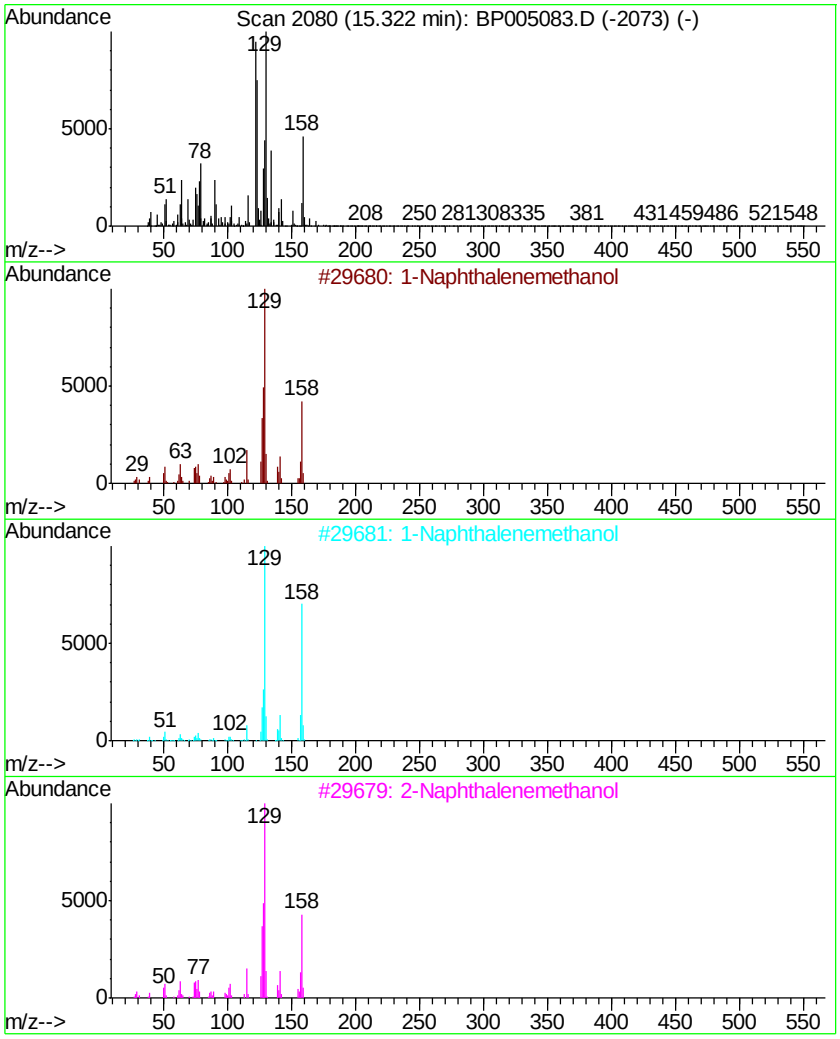
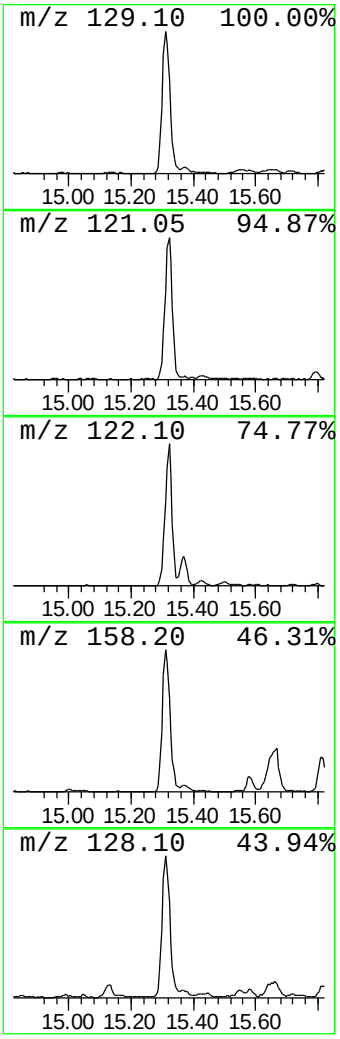
Peak Number 17 1-Naphthalenemethanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	34.09 ng/ul	868351	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	96
2	1-Naphthalenemethanol	158	C11H10O	004780-79-4	93
3	2-Naphthalenemethanol	158	C11H10O	001592-38-7	89
4	1-Naphthalenemethanol	158	C11H10O	004780-79-4	89
5	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	76





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

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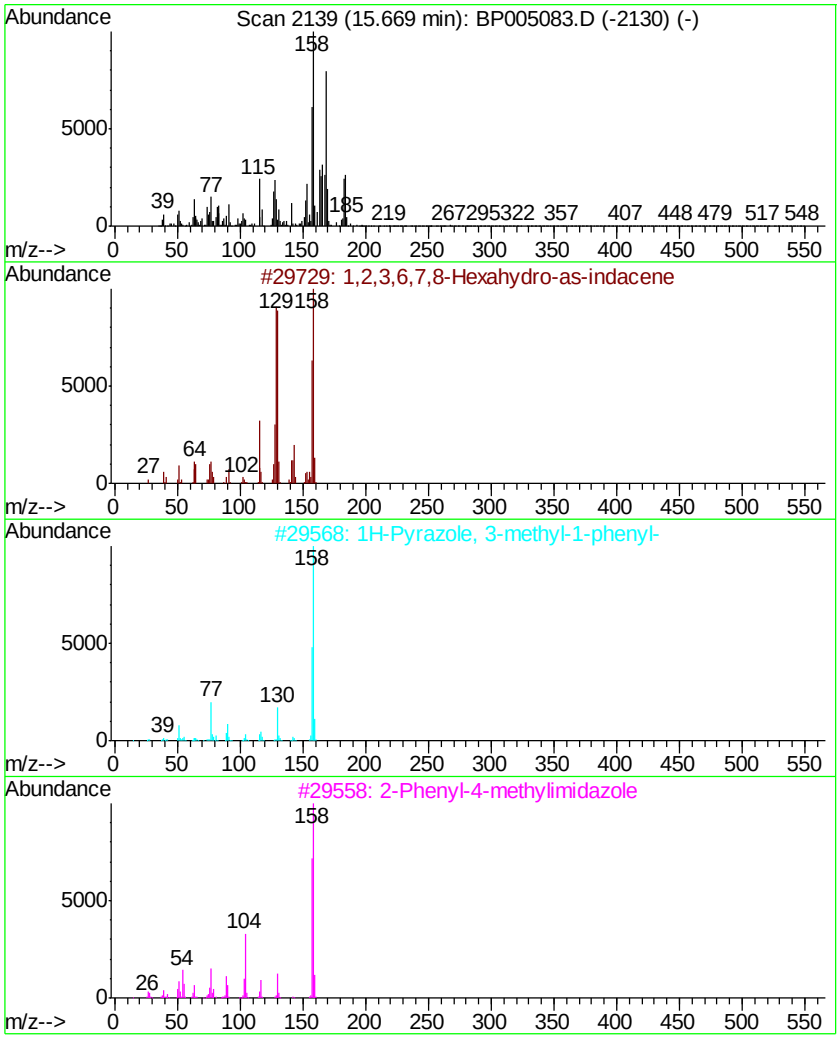
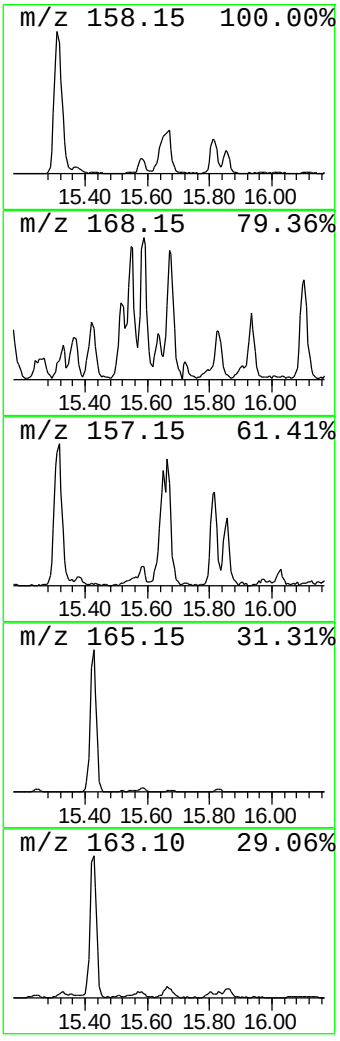
Peak Number 18 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.89 ng/ul	175456	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,6,7,8-Hexahydro-as-indacene	158	C12H14	001076-17-1	38
2	1H-Pyrazole, 3-methyl-1-phenyl-	158	C10H10N2	001128-54-7	25
3	2-Phenyl-4-methylimidazole	158	C10H10N2	000827-43-0	22
4	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	22
5	1,3-Oxazolidine, 4-methyl-trans-...	264	C17H16N2O	1000138-86-9	22





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Quant Title : SVOA CALIBRATION

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

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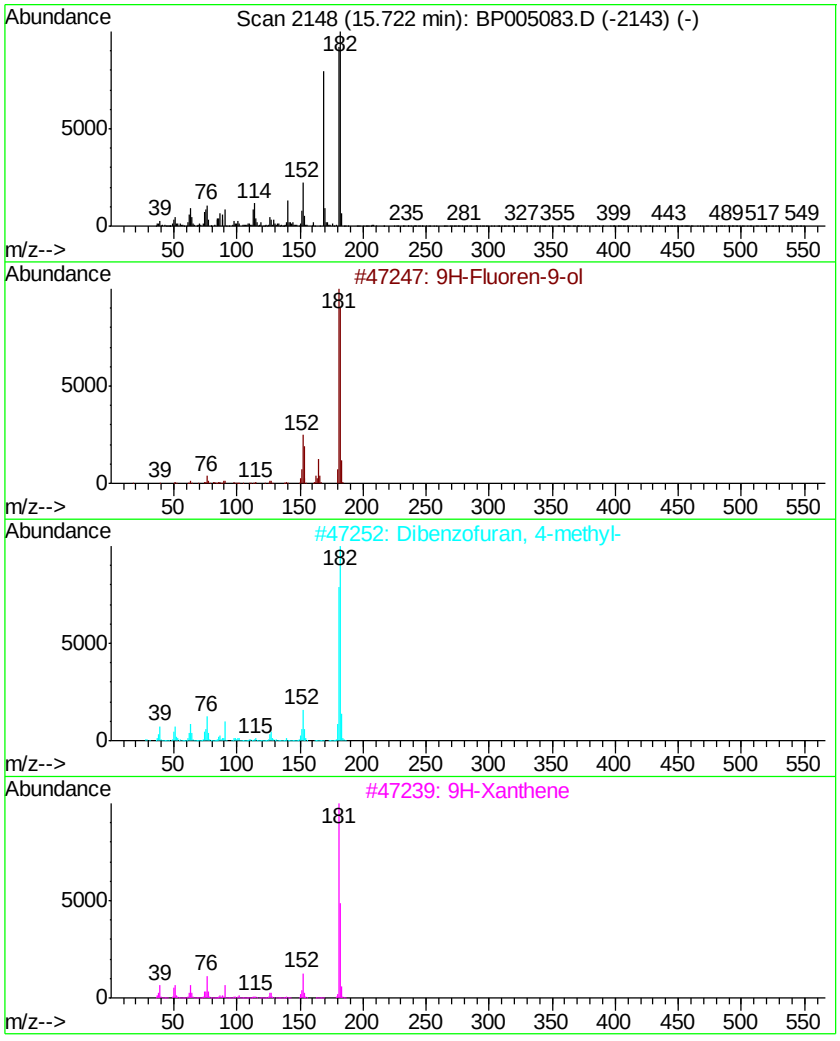
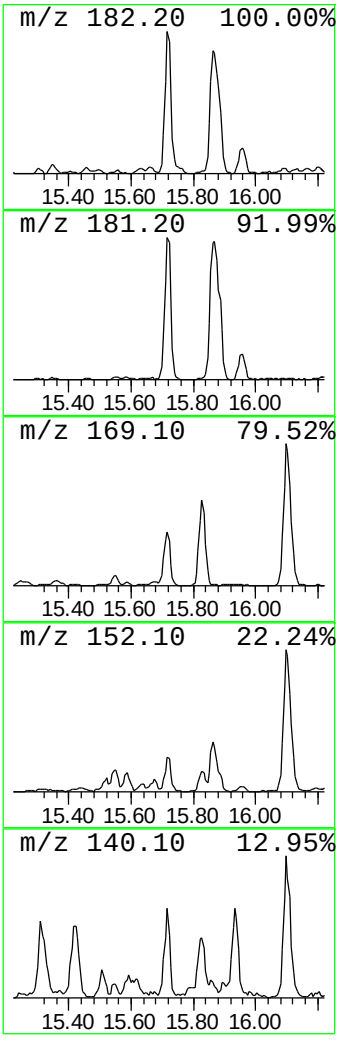
Peak Number 19 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	8.40 ng/ul	214114	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	46
3	9H-Xanthene	182	C13H10O	000092-83-1	38
4	7-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-75-0	38
5	9H-Xanthene	182	C13H10O	000092-83-1	30





Library Search Compound Report

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Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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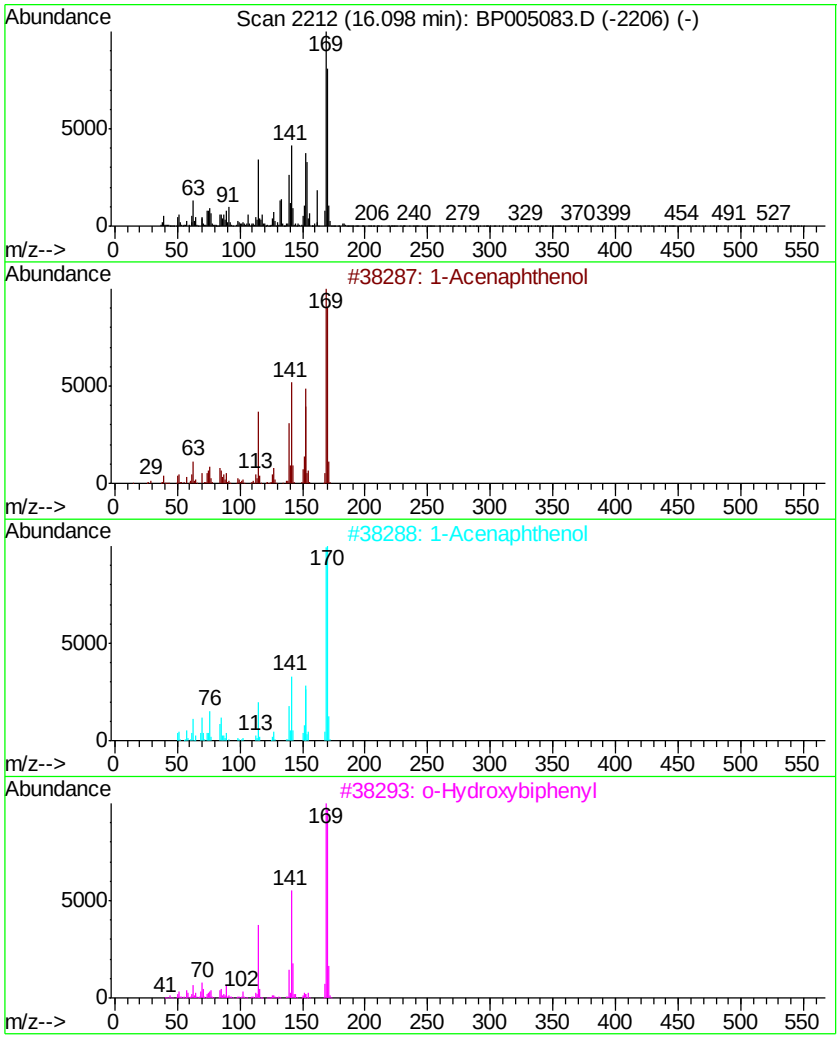
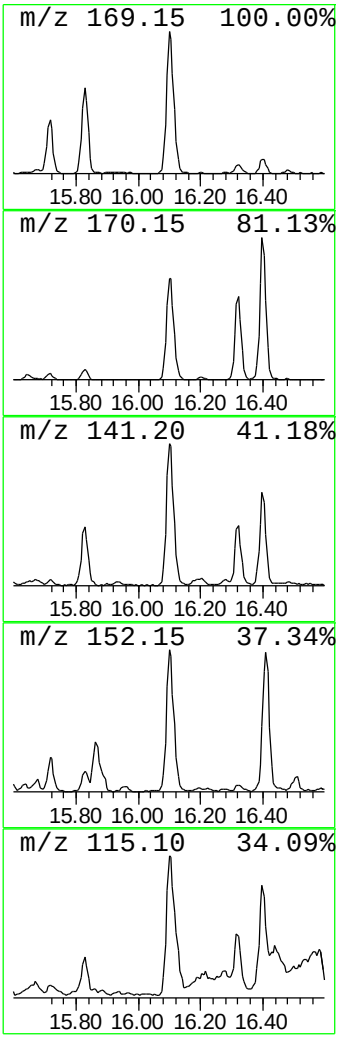
Peak Number 22 1-Acenaphthenol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	10.17 ng/ul	1270910	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	98
2	1-Acenaphthenol	170	C12H10O	006306-07-6	93
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	62
4	1-Acenaphthenol	170	C12H10O	006306-07-6	52
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	50





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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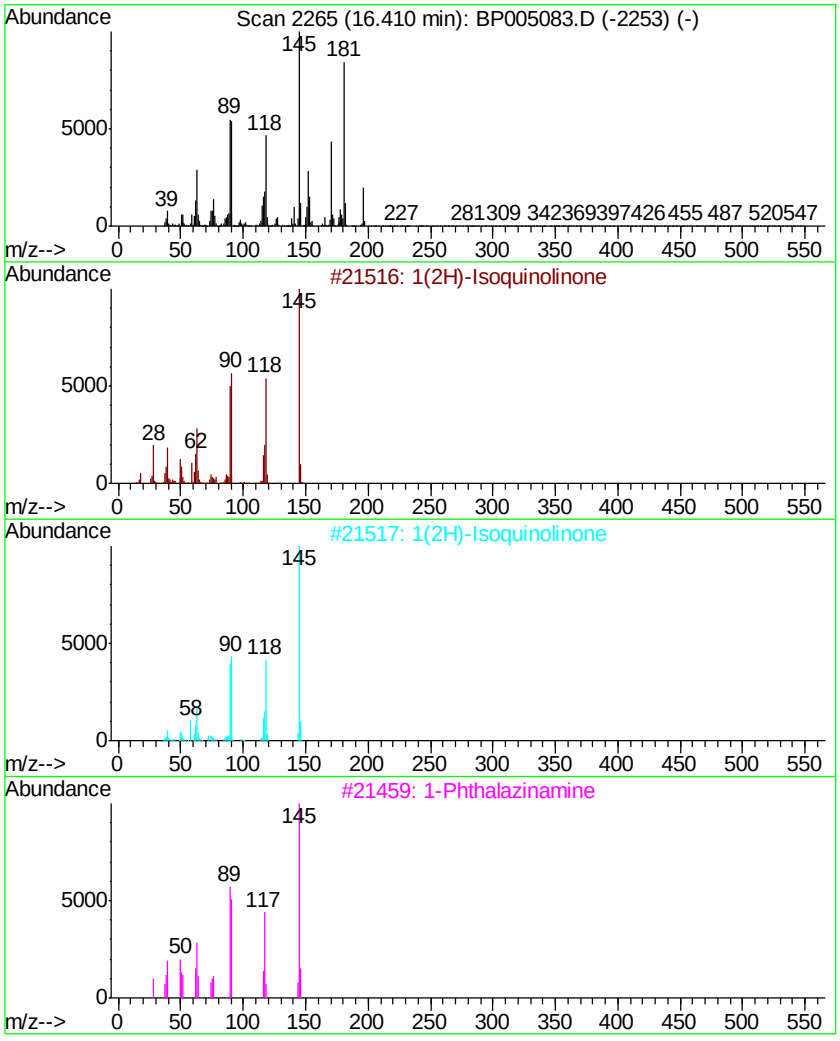
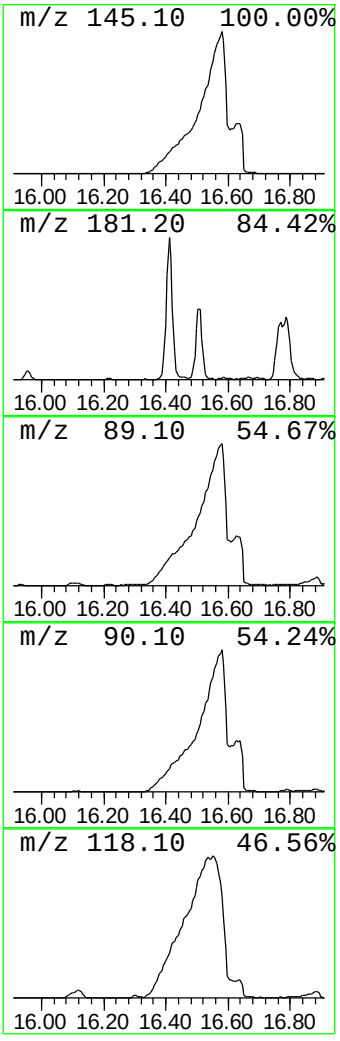
Peak Number 23 1(2H)-Isoquinolinone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	12.18 ng/ul	1520910	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	89
3	1-Phthalazinamine	145	C8H7N3	019064-69-8	50
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	50
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	47





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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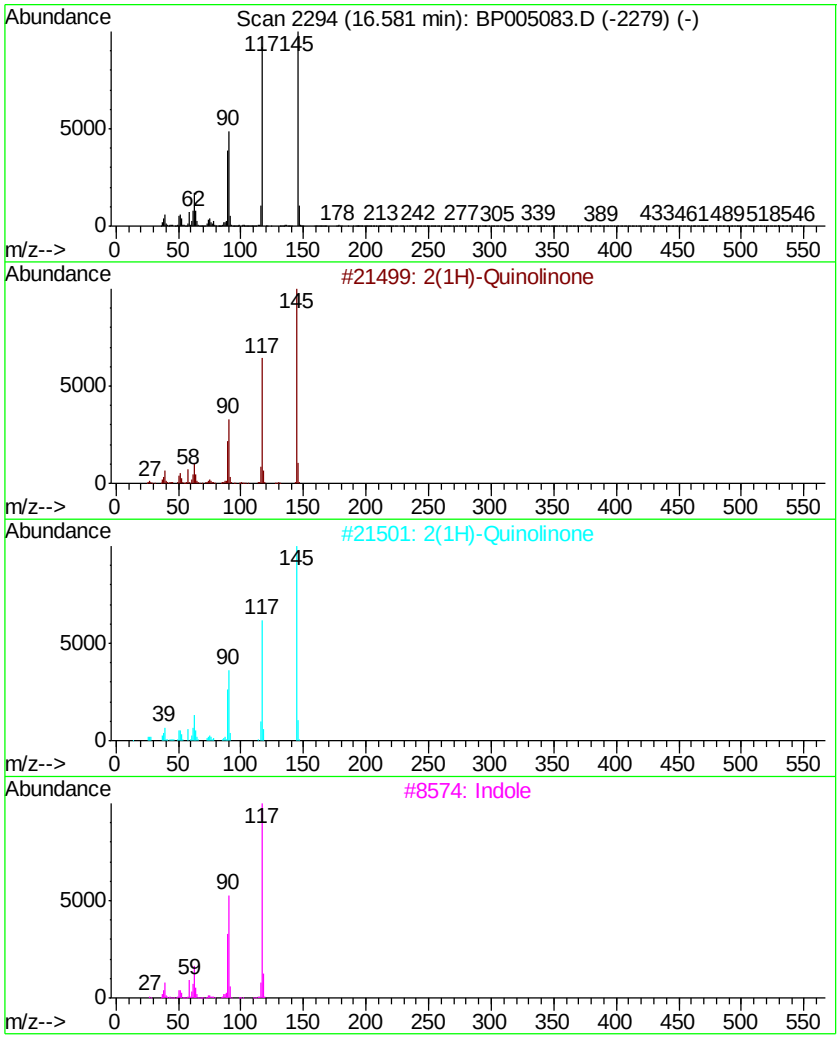
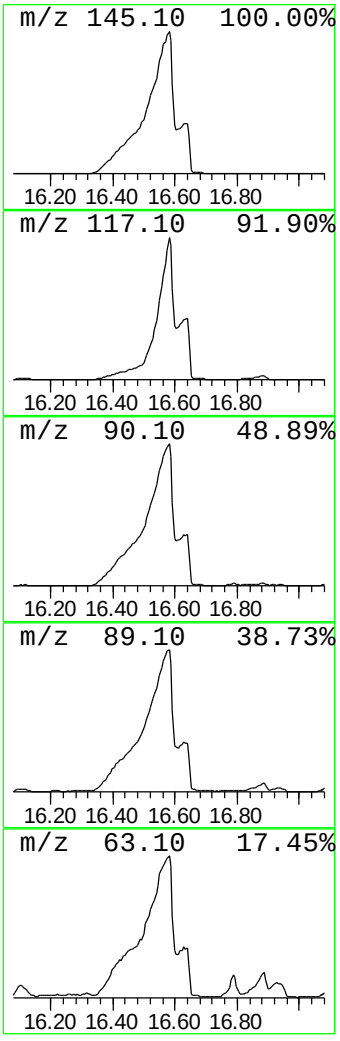
Peak Number 24 2(1H)-Quinolinone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	50.06 ng/ul	6253660	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	94
2	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	91
3	Indole	117	C8H7N	000120-72-9	91
4	Indole	117	C8H7N	000120-72-9	91
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	91





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Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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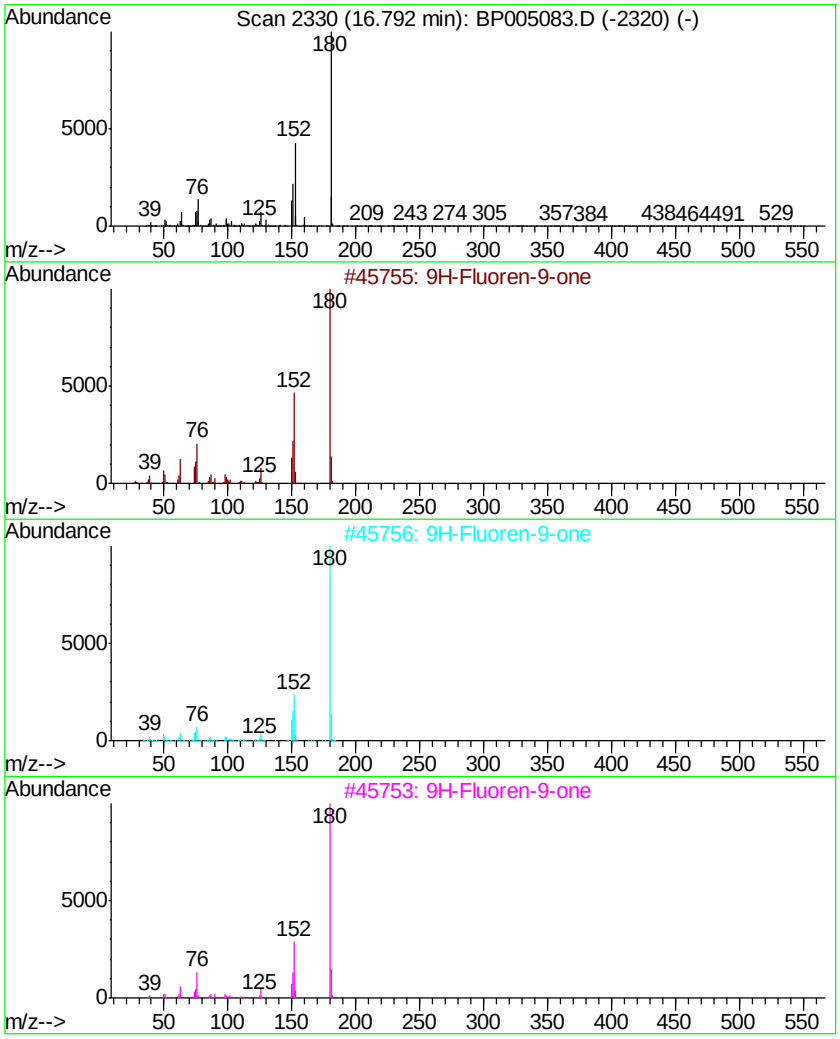
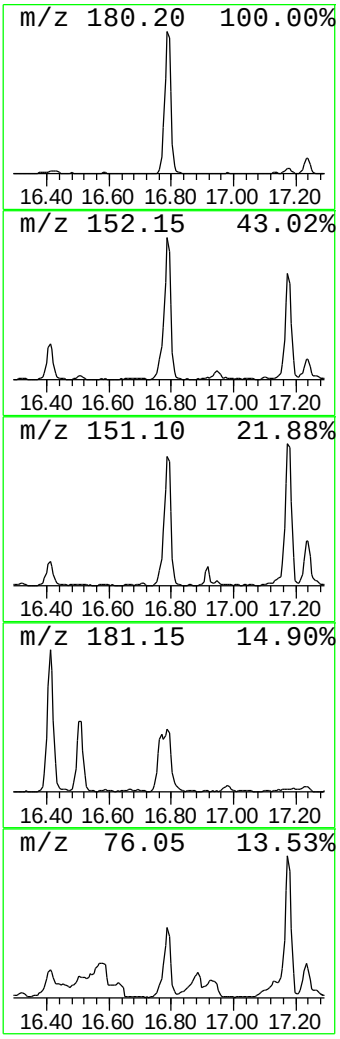
Peak Number 25 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	11.14 ng/ul	1391770	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Misc :
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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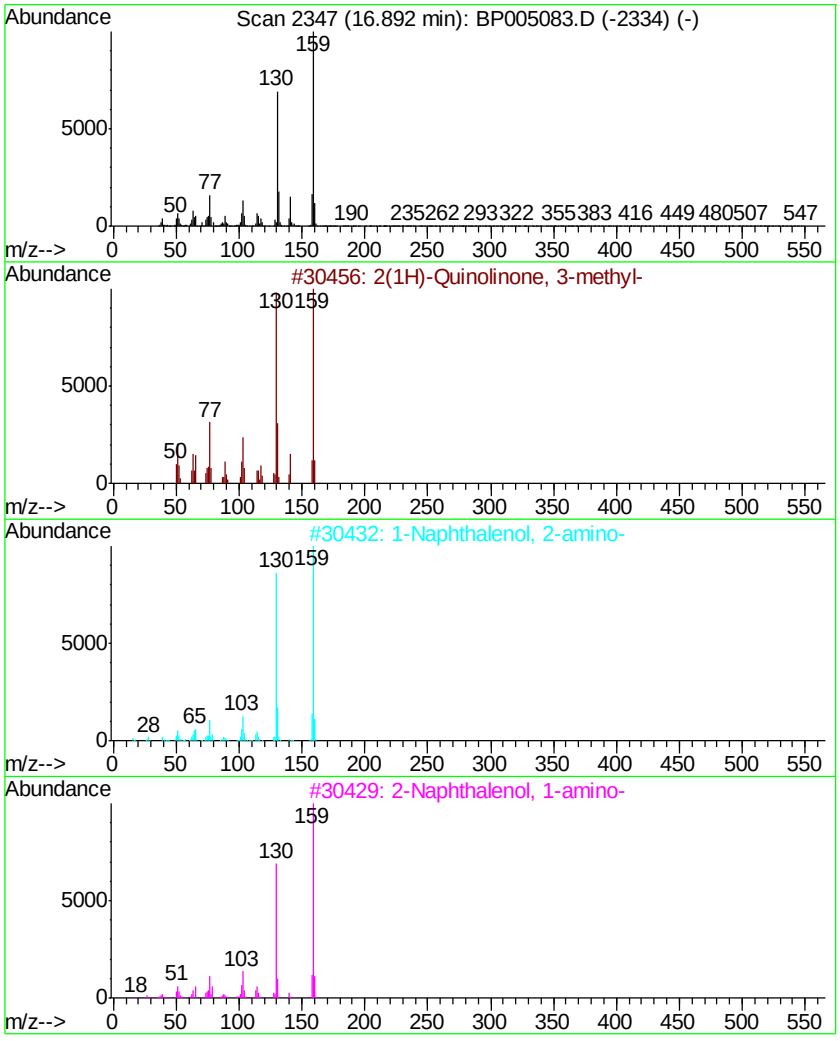
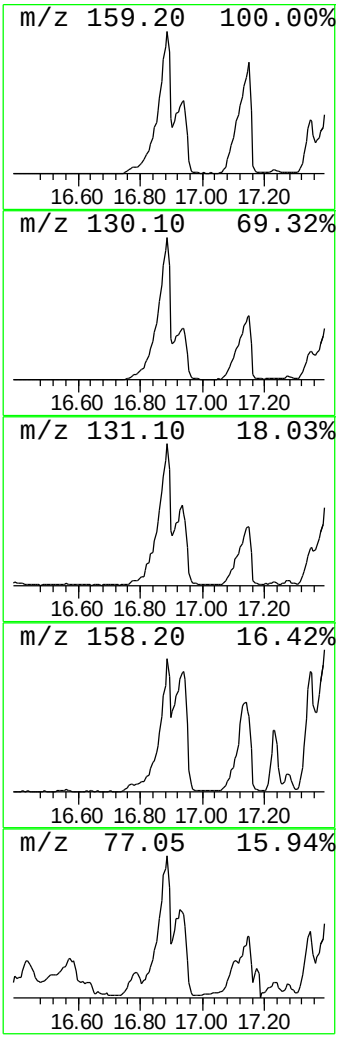
Peak Number 26 2(1H)-Quinolinone, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	18.94 ng/ul	2366490	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	95
2	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	94
3	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	94
4	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	91
5	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	90





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Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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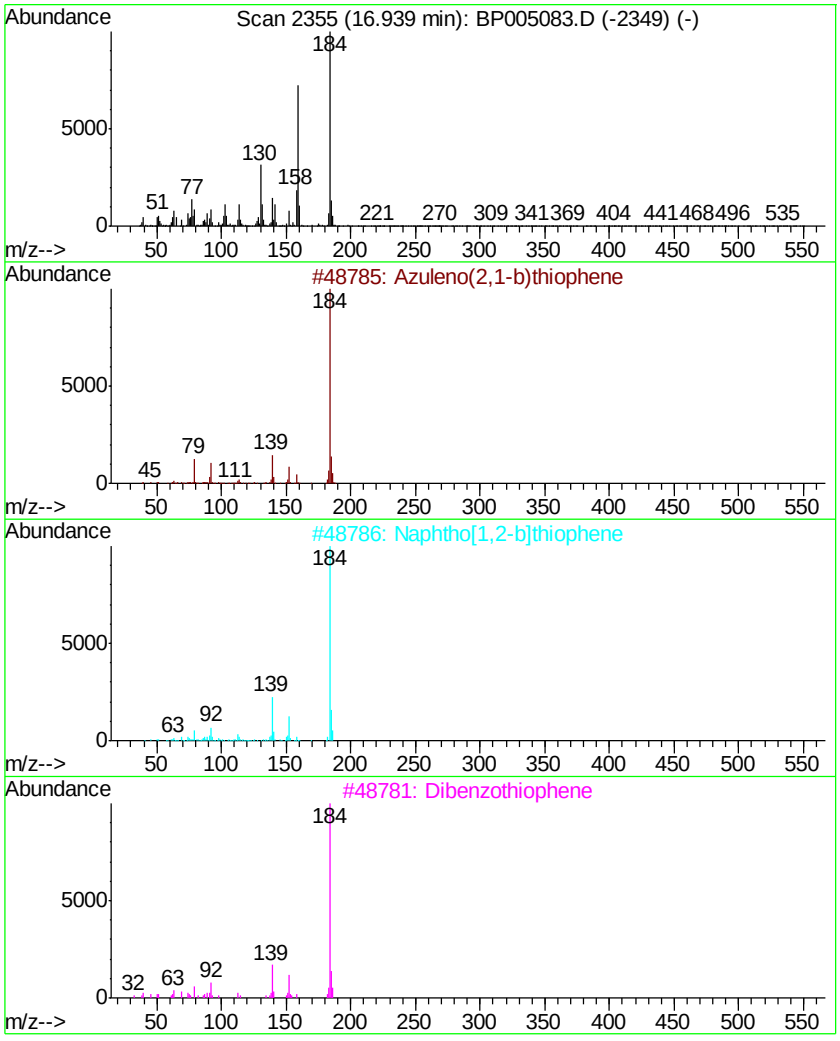
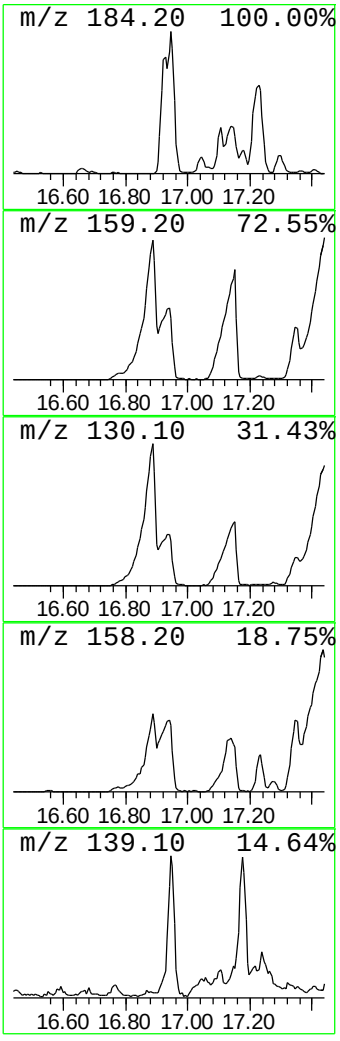
Peak Number 27 Azuleno(2,1-b)thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	12.77 ng/ul	1595510	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	55
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	50
3	Dibenzothiophene	184	C12H8S	000132-65-0	50
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	50
5	Dibenzothiophene	184	C12H8S	000132-65-0	50





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Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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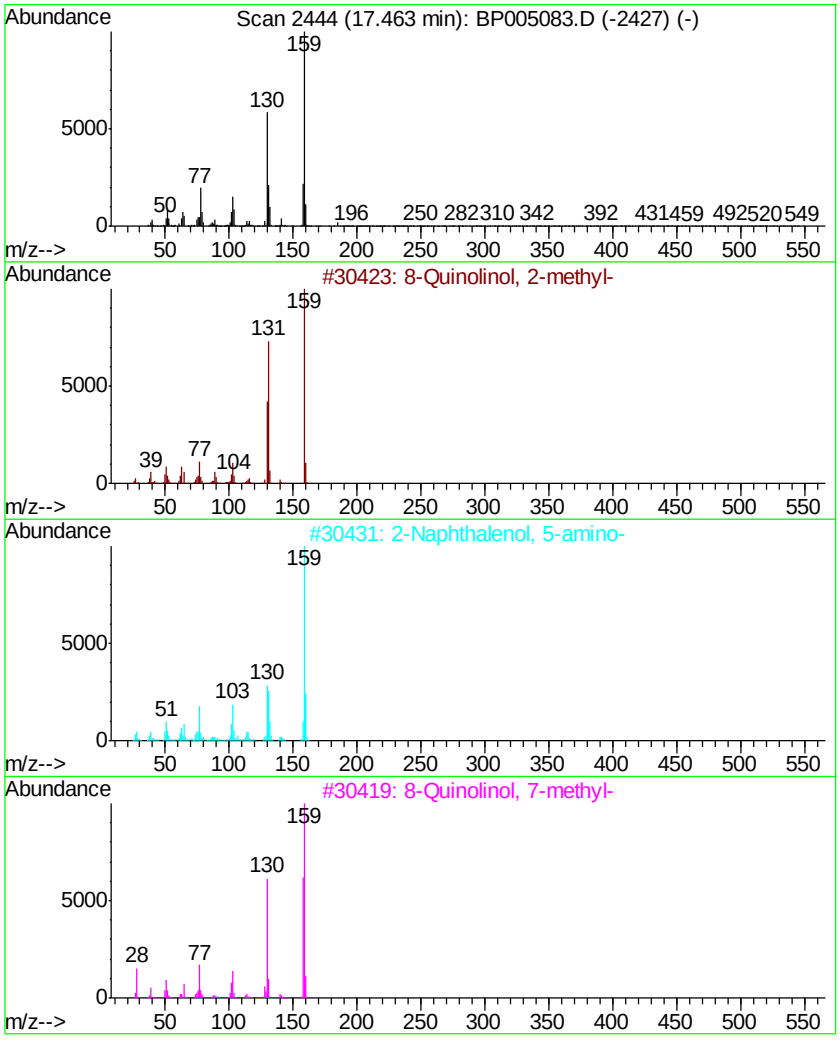
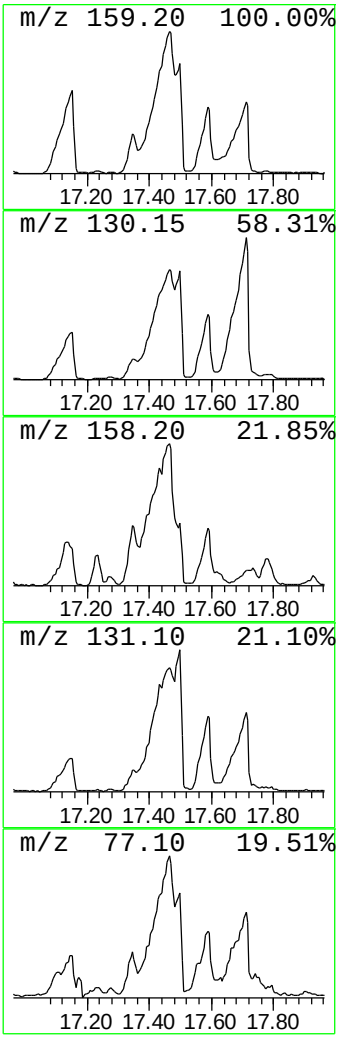
Peak Number 29 8-Quinolinol, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	36.87 ng/ul	4605220	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	76
2	2-Naphthalenol, 5-amino-	159	C10H9NO	000086-97-5	76
3	8-Quinolinol, 7-methyl-	159	C10H9NO	005541-68-4	72
4	Oxazole, 4-methyl-5-phenyl-	159	C10H9NO	001008-29-3	72
5	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	72





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Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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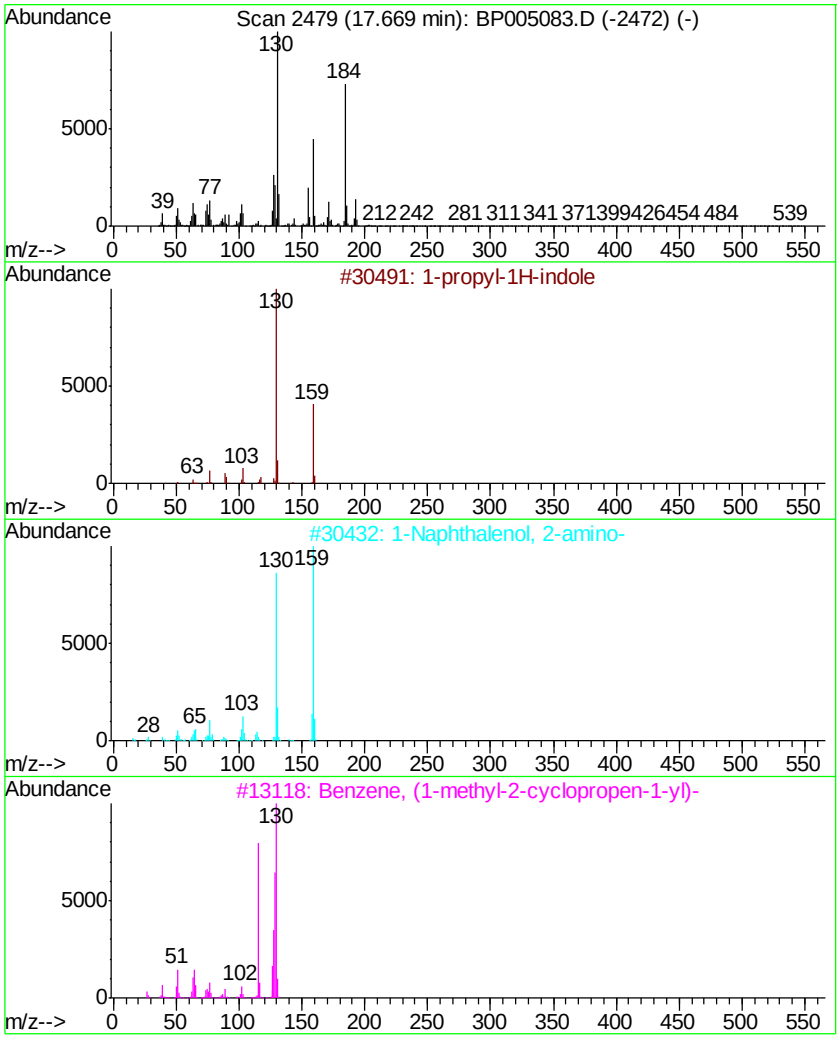
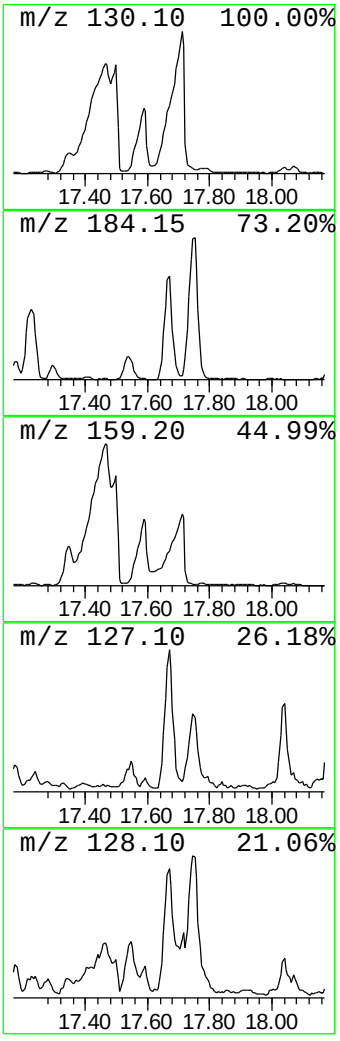
Peak Number 31 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	10.71 ng/ul	1337720	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-propyl-1H-indole	159	C11H13N	016885-94-2	43
2	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	38
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	38
4	Indole-3-acetaldehyde	159	C10H9NO	002591-98-2	38
5	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	30





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Misc :
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Instrument : BNA_P
ClientSampleId : D8HE7

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Quant Title : SVOA CALIBRATION

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

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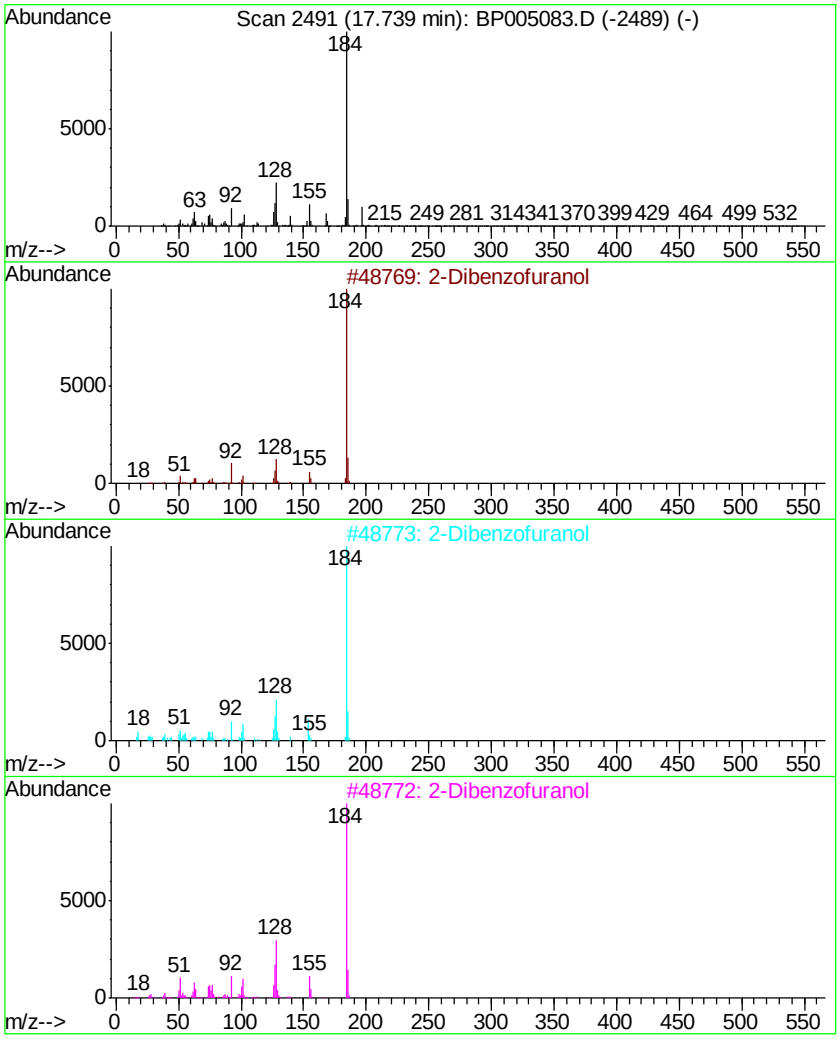
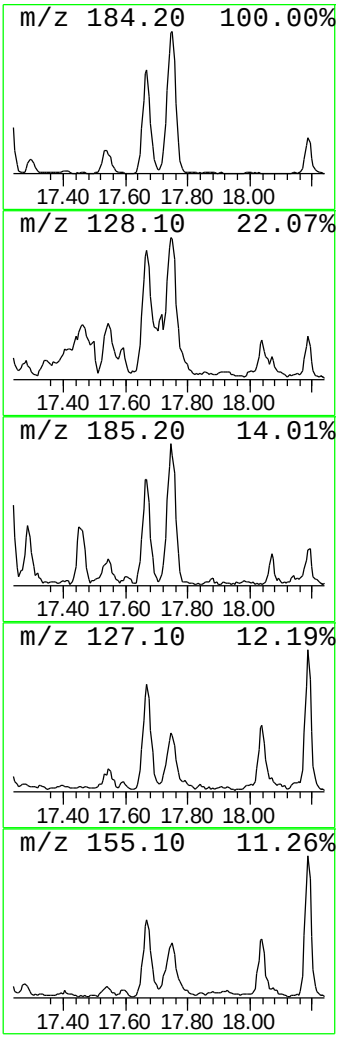
Peak Number 33 2-Dibenzofuranol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	8.08 ng/ul	1009600	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	80
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	72
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	64
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	62





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Misc :
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Quant Title : SVOA CALIBRATION

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

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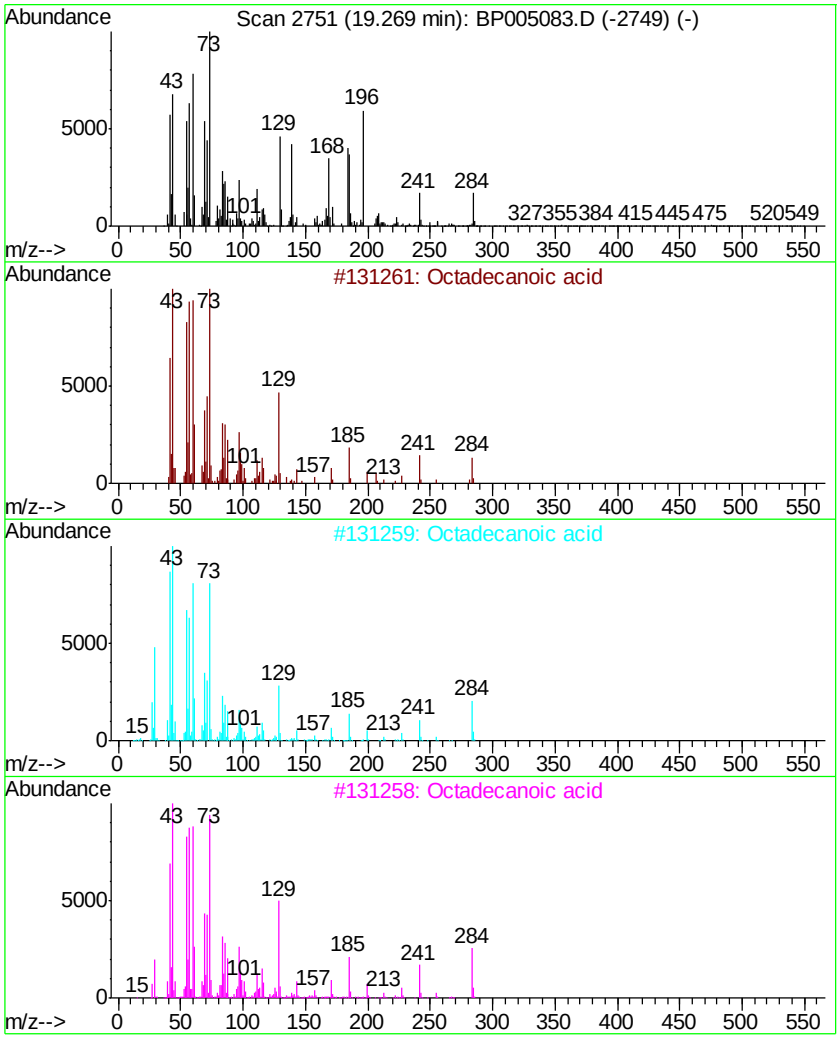
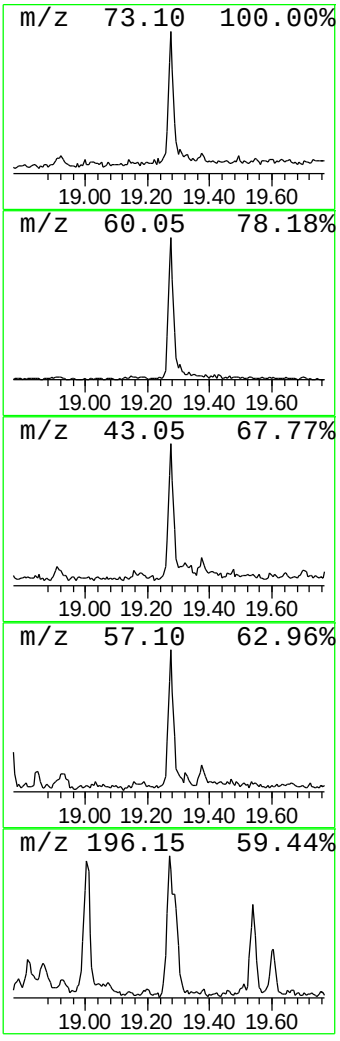
Peak Number 41 Octadecanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	9.75 ng/ul	263055	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	58
2	Octadecanoic acid	284	C18H36O2	000057-11-4	52
3	Octadecanoic acid	284	C18H36O2	000057-11-4	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	35





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Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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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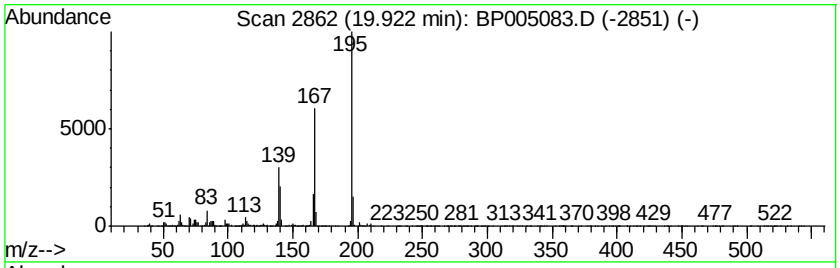
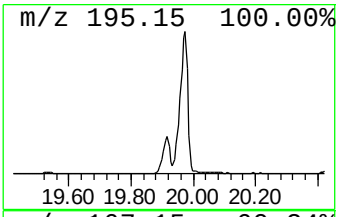
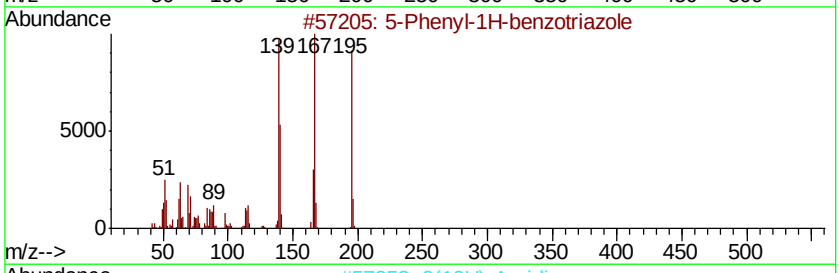
Peak Number 42 5-Phenyl-1H-benzotriazole Concentration Rank 12

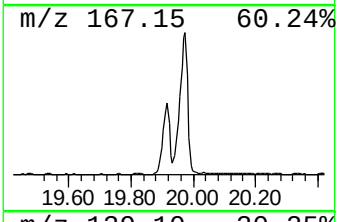
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	15.37 ng/ul	414349	Chrysene-d12	21.22

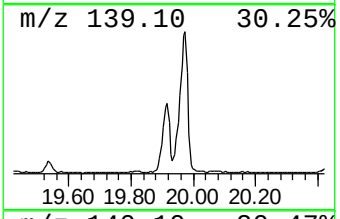
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Phenyl-1H-benzotriazole	195	C12H9N3	025877-73-0	95
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	90
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	87
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	87
5	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	87

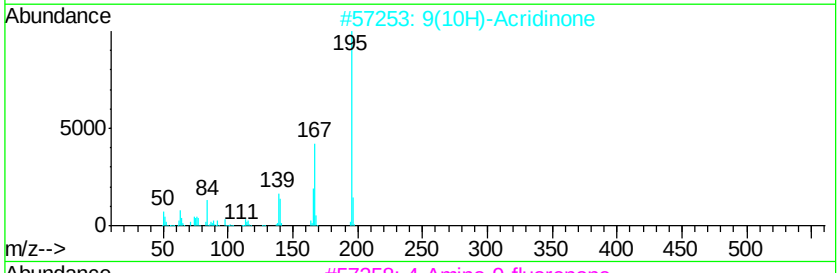


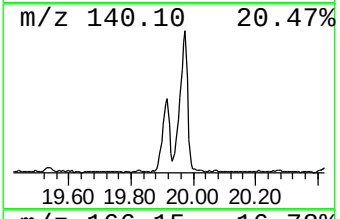


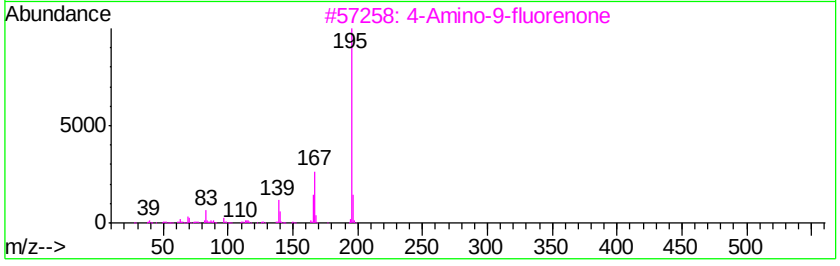


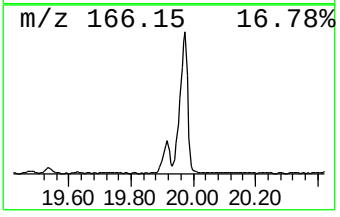












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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

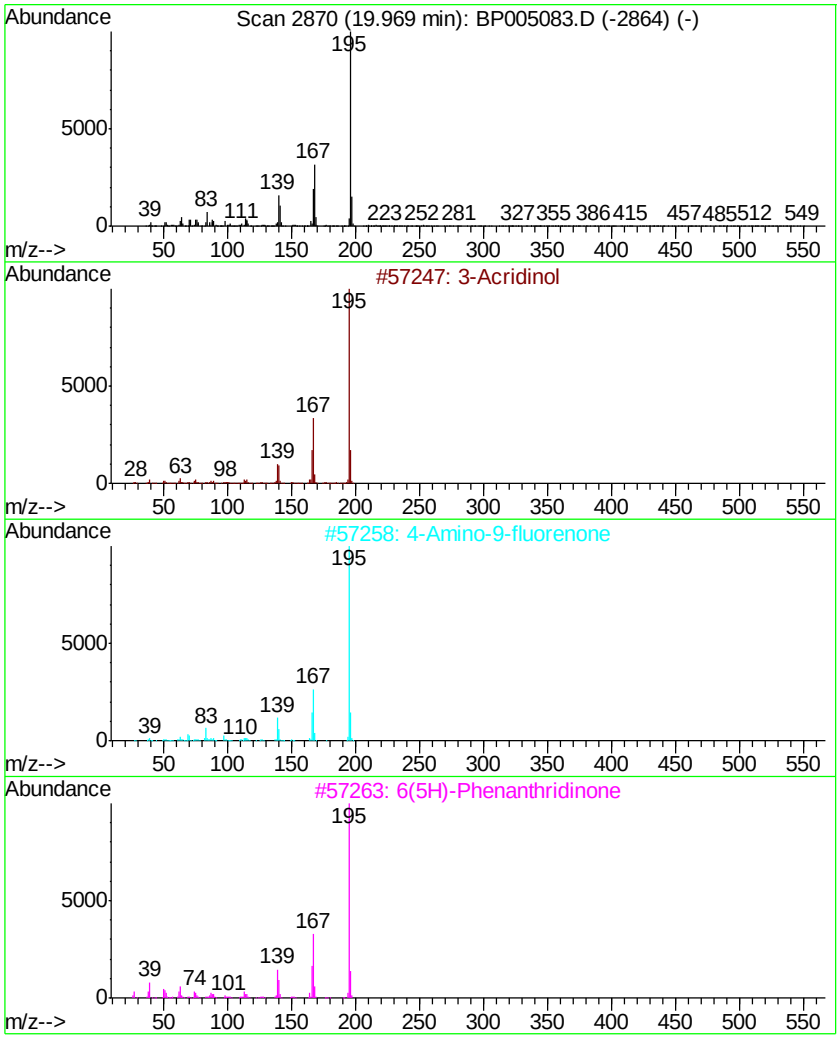
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

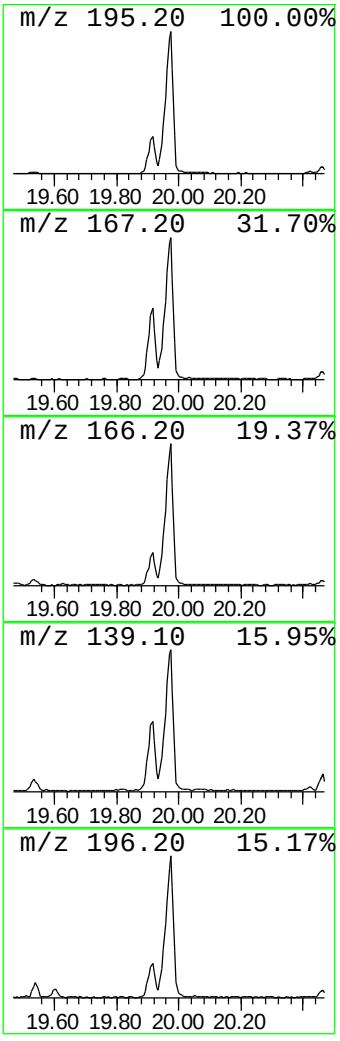
****

Peak Number 43 3-Acridinol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	48.27 ng/ul	1301590	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	97
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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

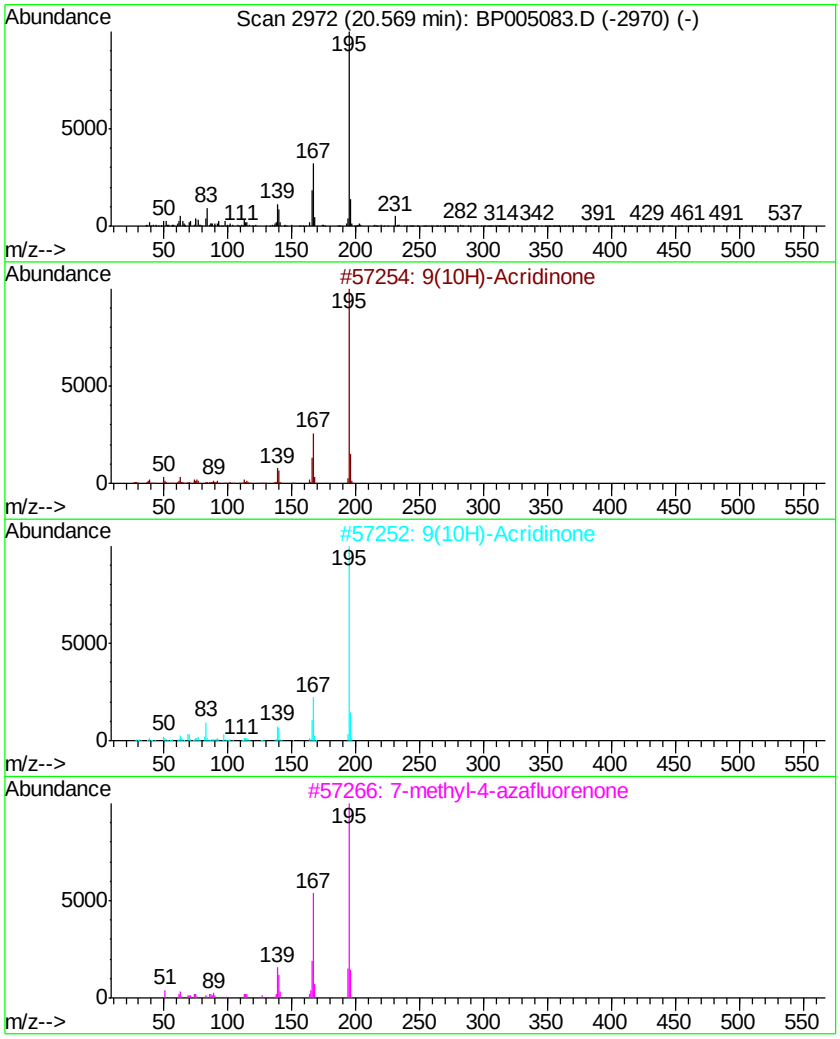
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

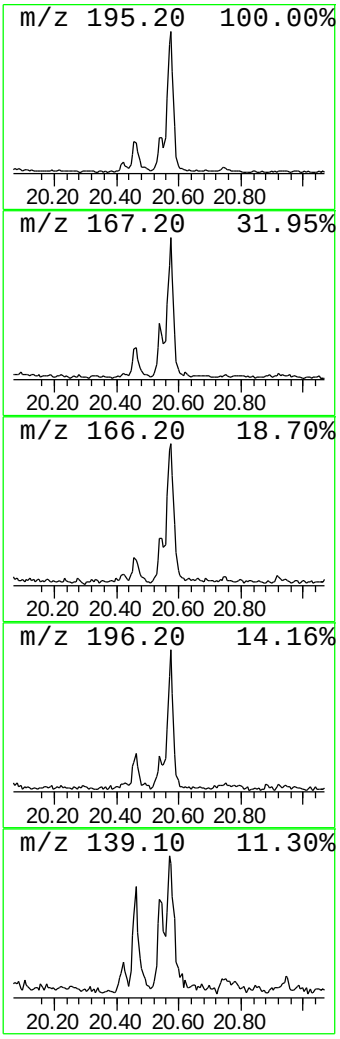
****

Peak Number 46 9(10H)-Acridinone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	14.09 ng/ul	380068	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	93
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	87
3	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	87
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	81
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
Data File : BP005083.D
Acq On : 29 Mar 2021 20:12
Operator : CG/JU
Sample : M1800-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : D8HE7

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	16.3	ng/ul	183396	1	7.72	225710	20.0
Benzofuran	7.43	28.3	ng/ul	319866	1	7.72	225710	20.0
Indane	8.09	81.5	ng/ul	919405	1	7.72	225710	20.0
Indene	8.25	178.5	ng/ul	2014510	1	7.72	225710	20.0
Benzofuran, 7-met...	9.06	11.8	ng/ul	132842	1	7.72	225710	20.0
Quinoline, 8-methyl-	12.83	7.4	ng/ul	188885	3	14.37	509512	20.0
Naphthalene, 1-et...	13.39	10.4	ng/ul	265789	3	14.37	509512	20.0
Naphthalene, 1,6-...	13.53	11.4	ng/ul	291428	3	14.37	509512	20.0
Naphthalene, 1,3-...	13.69	14.4	ng/ul	367918	3	14.37	509512	20.0
2H-Indol-2-one, 1...	14.20	12.4	ng/ul	315175	3	14.37	509512	20.0
2-Naphthalenecarb...	14.51	79.1	ng/ul	2015280	3	14.37	509512	20.0
2-Naphthalenol	14.66	29.8	ng/ul	758617	3	14.37	509512	20.0
1H-Indole-1-carbo...	15.13	10.2	ng/ul	260028	3	14.37	509512	20.0
2,6-Dimethylpheny...	15.26	9.3	ng/ul	236070	3	14.37	509512	20.0
1-Naphthalenemeth...	15.32	34.1	ng/ul	868351	3	14.37	509512	20.0
unknown-01	15.67	6.9	ng/ul	175456	3	14.37	509512	20.0
unknown-02	15.72	8.4	ng/ul	214114	3	14.37	509512	20.0
1-Acenaphthenol	16.10	10.2	ng/ul	1270910	4	17.13	2498380	20.0
1(2H)-Isoquinolinone	16.41	12.2	ng/ul	1520910	4	17.13	2498380	20.0
2(1H)-Quinolinone	16.58	50.1	ng/ul	6253660	4	17.13	2498380	20.0
9H-Fluoren-9-one	16.79	11.1	ng/ul	1391770	4	17.13	2498380	20.0
2(1H)-Quinolinone...	16.89	18.9	ng/ul	2366490	4	17.13	2498380	20.0
Azuleno(2,1-b)thi...	16.94	12.8	ng/ul	1595510	4	17.13	2498380	20.0
8-Quinolinol, 2-m...	17.46	36.9	ng/ul	4605220	4	17.13	2498380	20.0
unknown-03	17.67	10.7	ng/ul	1337720	4	17.13	2498380	20.0
2-Dibenzofuranol	17.74	8.1	ng/ul	1009600	4	17.13	2498380	20.0
Octadecanoic acid	19.27	9.8	ng/ul	263055	5	21.22	539329	20.0
5-Phenyl-1H-benzo...	19.92	15.4	ng/ul	414349	5	21.22	539329	20.0
3-Acridinol	19.97	48.3	ng/ul	1301590	5	21.22	539329	20.0
9(10H)-Acridinone	20.57	14.1	ng/ul	380068	5	21.22	539329	20.0