LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021521\
Data File : BP004742.D
Acq On : 15 Feb 2021 12:47
Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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	3.287	13	17	25	rVB	72278	96678	0.31%	0.205%
2	6.269	517	524	529	rBV	37609	58564	0.19%	0.124%
3	6.422	544	550	561	rVB	60753	90024	0.29%	0.191%
4	6.934	630	637	639	rBV	65708	98625	0.32%	0.209%
5	6.963	639	642	650	rVB	74867	117224	0.38%	0.248%
6	7.104	660	666	673	rBV	173960	274211	0.89%	0.580%
7	7.304	689	700	706	rBV2	263299	453444	1.47%	0.960%
8	7.363	706	710	718	rVB	59743	87276	0.28%	0.185%
9	7.551	737	742	748	rVB	69250	99258	0.32%	0.210%
10	7.769	766	779	786	rBV	192074	307630	0.99%	0.651%
11	8.004	811	819	825	rBV3	24693	48605	0.16%	0.103%
12	8.475	893	899	906	rVB	176638	277330	0.90%	0.587%
13	8.922	969	975	984	rBV	215316	375951	1.22%	0.796%
14	9.281	1027	1036	1041	rBV6	26710	51275	0.17%	0.109%
15	9.645	1091	1098	1106	rBV	208861	337037	1.09%	0.713%
16	10.181	1182	1189	1198	rBV	271135	468124	1.51%	0.991%
17	10.469	1231	1238	1242	rBV7	16533	33303	0.11%	0.070%
18	10.563	1248	1254	1260	rBV	222280	365096	1.18%	0.773%
19	10.681	1268	1274	1280	rBV	389353	636711	2.06%	1.347%
20	10.734	1280	1283	1289	rVB2	31240	48326	0.16%	0.102%
21	10.804	1289	1295	1304	rVB10	10757	31472	0.10%	0.067%
22	11.392	1387	1395	1401	rBV2	49178	109451	0.35%	0.232%
23	12.139	1514	1522	1527	rBV3	57756	132711	0.43%	0.281%
24	12.228	1532	1537	1542	rVV9	28371	82248	0.27%	0.174%
25	12.287	1542	1547	1551	rVV2	90924	159420	0.52%	0.337%
26	12.322	1551	1553	1557	rVV5	28946	42443	0.14%	0.090%
27	12.369	1557	1561	1565	rVV3	47300	89914	0.29%	0.190%
28	12.404	1565	1567	1571	rVV3	37819	50966	0.16%	0.108%
29	12.451	1571	1575	1581	rVV4	26725	43840	0.14%	0.093%
30	12.581	1585	1597	1605	rVV	346928	603624	1.95%	1.277%
31	12.651	1605	1609	1618	rVB7	45580	109717	0.35%	0.232%
32	13.175	1695	1698	1703	rVB2	24288	35132	0.11%	0.074%
33	13.245	1706	1710	1713	rBV2	23108	36593	0.12%	0.077%
34	13.369	1726	1731	1742	rVB	213654	352236	1.14%	0.745%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : DBGR7

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	13.498	1742	1753	1757	rBV	18045848	30918125	100.00%	65.432%
36	13.616	1767	1773	1778	rBV2	34442	71113	0.23%	0.150%
37	13.763	1794	1798	1800	rVV	23542	33155	0.11%	0.070%
38	13.828	1804	1809	1814	rVV	454483	612177	1.98%	1.296%
39	13.875	1814	1817	1826	rVB3	36864	54041	0.17%	0.114%
40	14.110	1851	1857	1864	rBV	535345	796190	2.58%	1.685%
41	14.416	1903	1909	1915	rBV	283934	431458	1.40%	0.913%
42	14.622	1938	1944	1951	rBV3	46984	86133	0.28%	0.182%
43	14.733	1959	1963	1968	rBV	56601	79152	0.26%	0.168%
44	14.951	1996	2000	2002	rBV2	39199	54506	0.18%	0.115%
45	14.980	2002	2005	2009	rVV2	59122	89958	0.29%	0.190%
46	15.039	2012	2015	2022	rVB	24130	41423	0.13%	0.088%
47	15.192	2038	2041	2048	rBV5	26156	46711	0.15%	0.099%
48	15.416	2073	2079	2085	rVB	606013	862376	2.79%	1.825%
49	15.528	2092	2098	2103	rBV	227854	323622	1.05%	0.685%
50	15.704	2123	2128	2129	rBV3	32384	44486	0.14%	0.094%
51	16.392	2242	2245	2253	rVB6	37939	63964	0.21%	0.135%
52	16.486	2257	2261	2263	rBV3	23702	36155	0.12%	0.077%
53	16.533	2263	2269	2272	rVV	231416	358150	1.16%	0.758%
54	16.575	2272	2276	2283	rVB2	158904	248148	0.80%	0.525%
55	16.669	2289	2292	2299	rBV5	22413	41402	0.13%	0.088%
56	16.851	2321	2323	2328	rVB6	24508	32252	0.10%	0.068%
57	16.992	2343	2347	2351	rBV6	32876	57793	0.19%	0.122%
58	17.174	2373	2378	2384	rVB	324446	465769	1.51%	0.986%
59	17.269	2389	2394	2403	rVB2	610708	918954	2.97%	1.945%
60	17.780	2478	2481	2489	rVB	47808	72162	0.23%	0.153%
61	18.069	2526	2530	2534	rBV	216072	283668	0.92%	0.600%
62	18.192	2549	2551	2556	rVB6	34738	37342	0.12%	0.079%
63	19.310	2737	2741	2746	rBV	166319	229528	0.74%	0.486%
64	19.421	2758	2760	2763	rBV4	59459	67672	0.22%	0.143%
65	19.510	2771	2775	2782	rVB	804572	1067723	3.45%	2.260%
66	21.257	3069	3072	3080	rVB	487001	625278	2.02%	1.323%
67	23.421	3434	3440	3454	rVB	636571	1265984	4.09%	2.679%
68	23.574	3459	3466	3476	rVB2	313843	631489	2.04%	1.336%

Sum of corrected areas: 47252518

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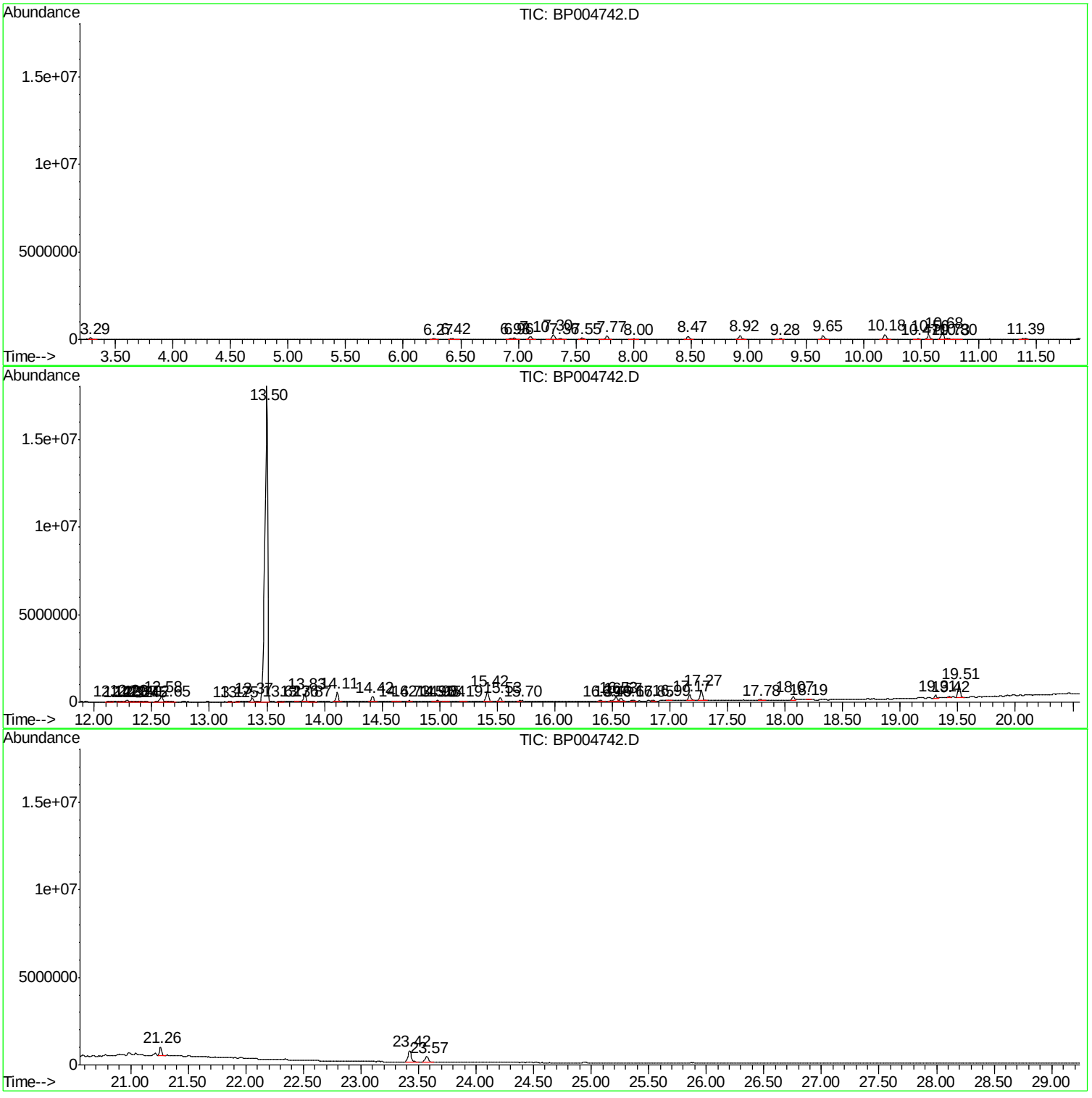
Instrument :
BNA_P
ClientSampleId :
DBGR7

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

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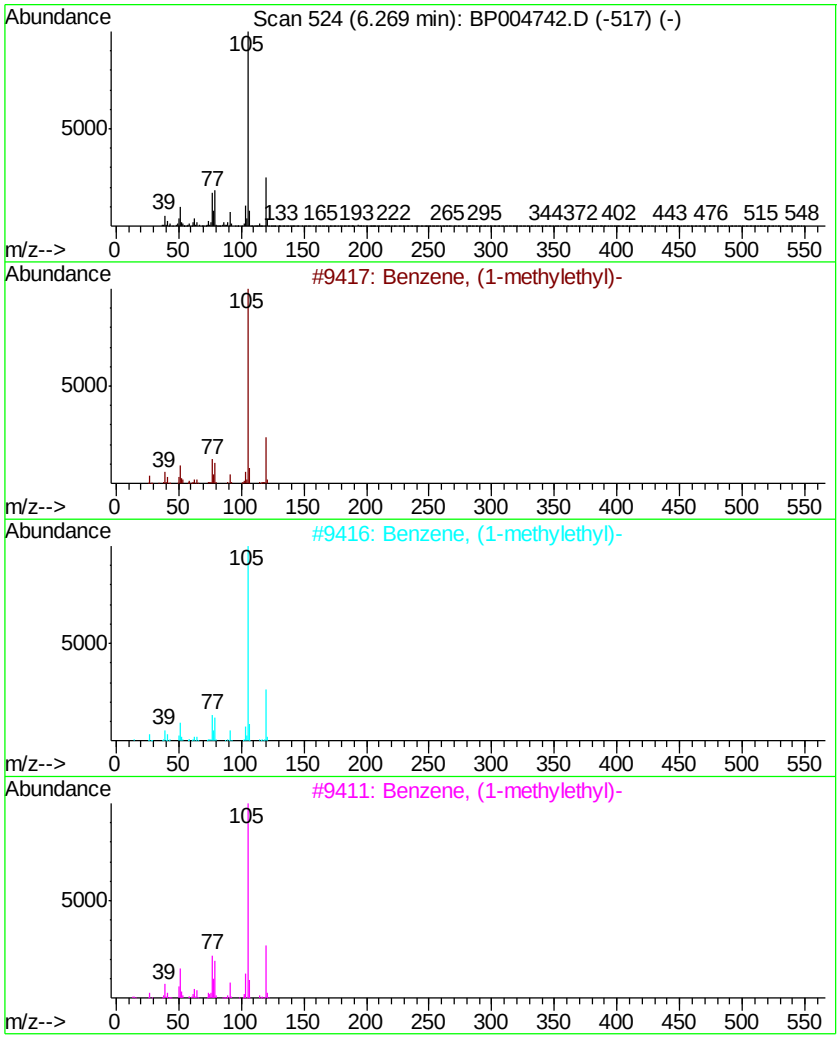
TIC Integration Parameters: LSCINT.P

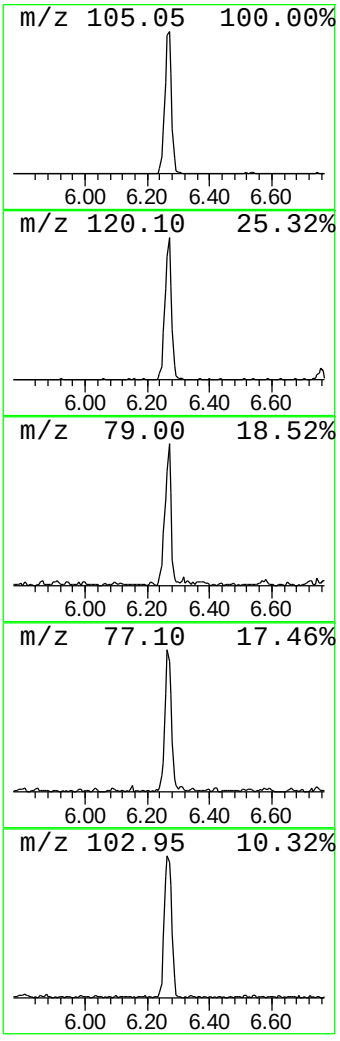
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	3.81 ng/ul	58564	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
5	Hydroxylamine, methyl-(1-phenyle...	151	C9H13NO	1000164-80-4	72





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Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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

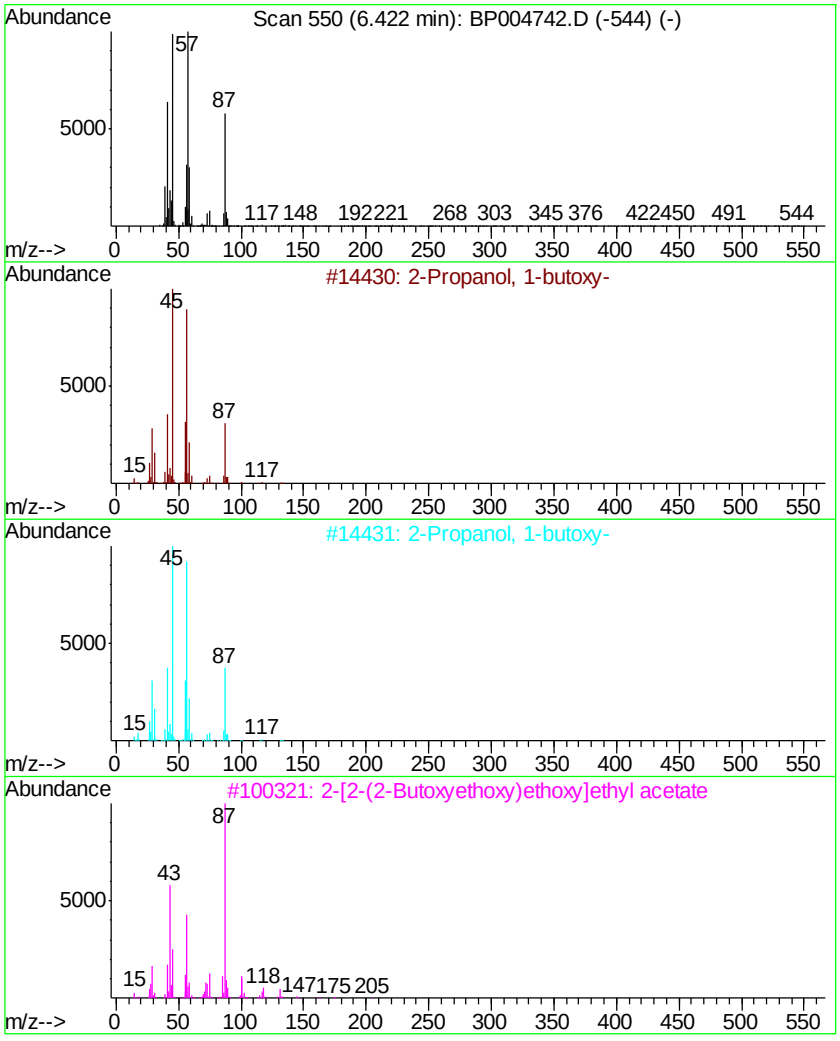
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

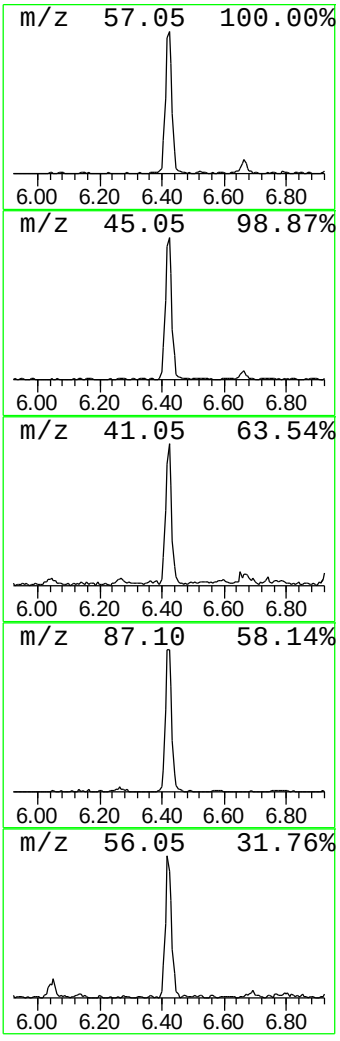
****

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	5.85 ng/ul	90024	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
3	2-[2-(2-Butoxyethoxy)ethoxy]ethy...	248	C12H24O5	1000351-94-1	64
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	42
5	2-[2-(2-Ethoxyethoxy)ethoxy]ethy...	220	C10H20O5	1000351-93-2	42





Library Search Compound Report

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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

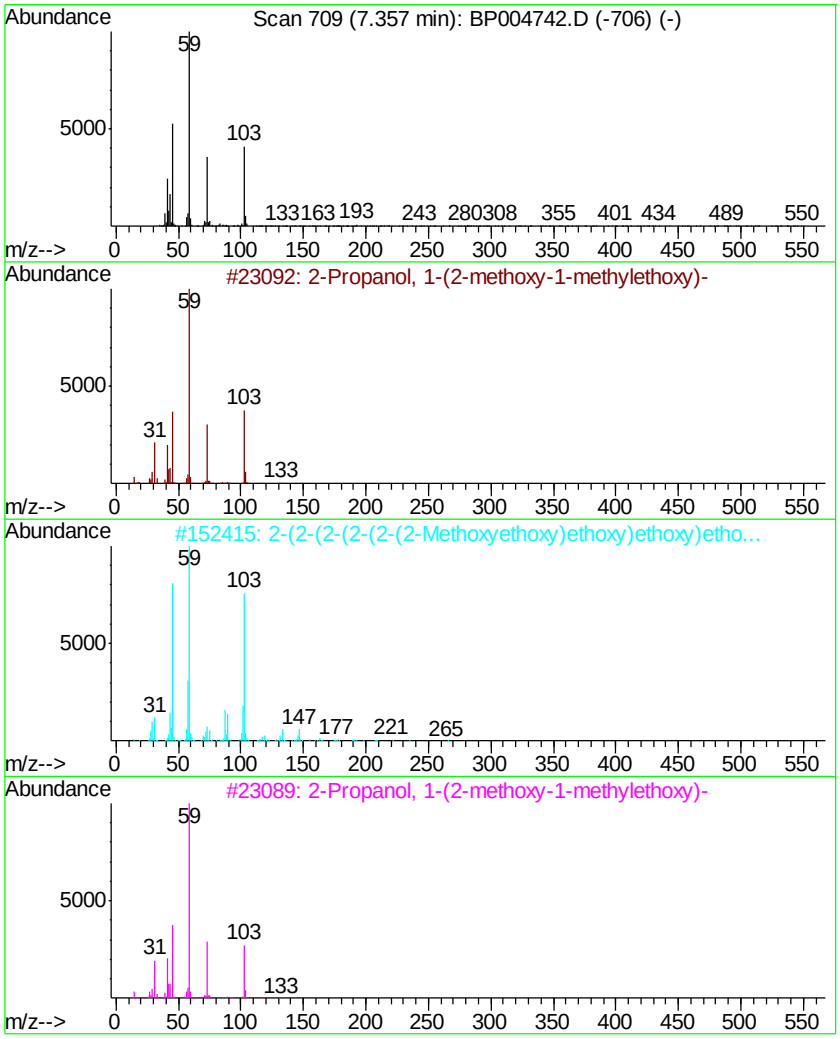
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

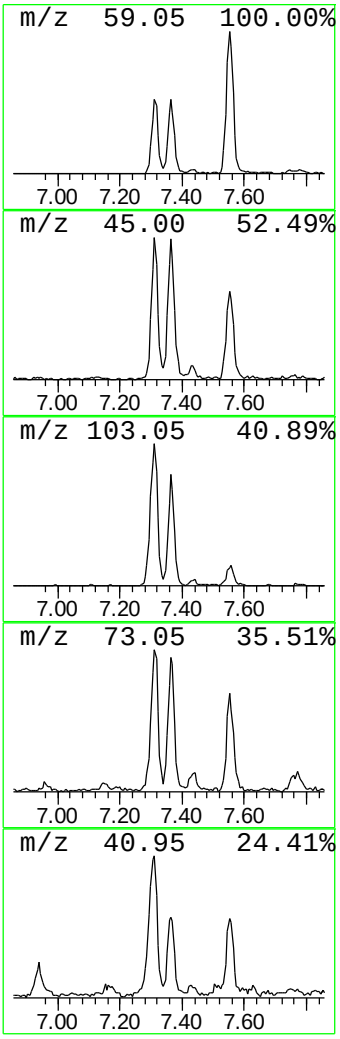
****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	5.67 ng/ul	87276	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	2-(2-(2-(2-(2-(2-Methoxyethoxy)e...	310	C13H26O8	1000366-93-3	72
3	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
4	Ethyl 2,5,8,11,14,17-hexaoxanona...	338	C15H30O8	1000366-80-6	56
5	2-(2-(2-(2-(2-Methoxyethoxy)etho...	266	C11H22O7	1000366-84-6	56





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

TIC Library : C:\DATABASE\NIST11.L
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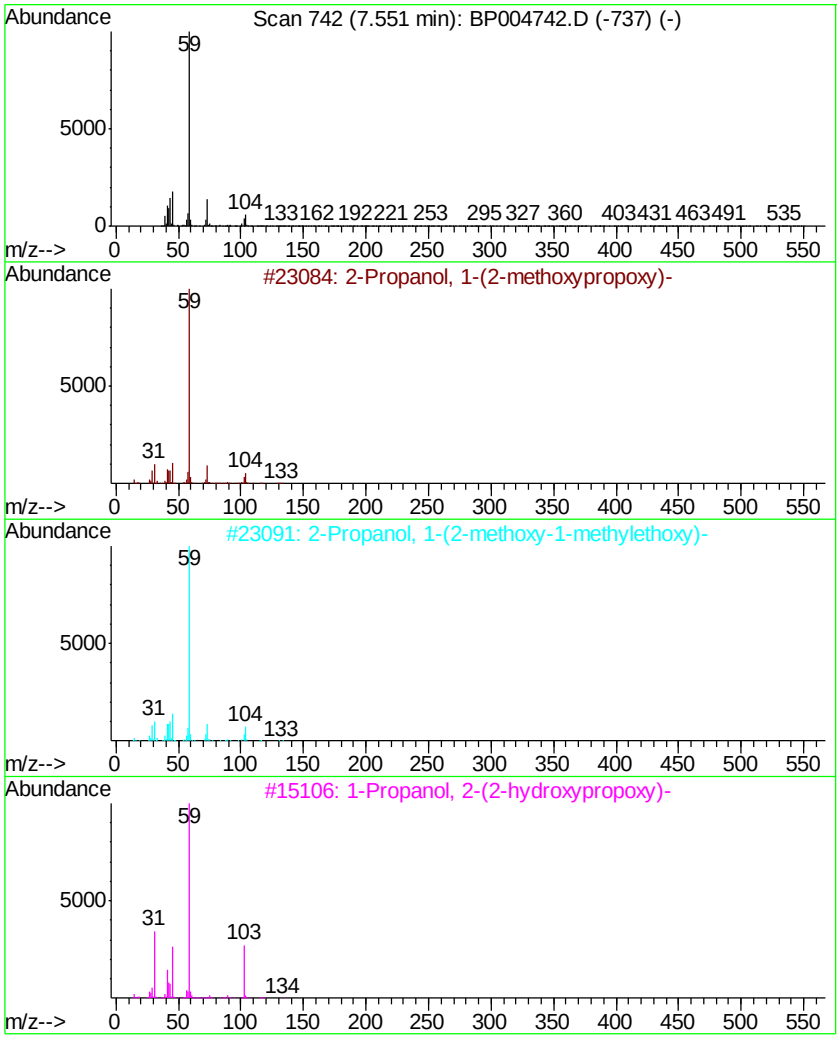
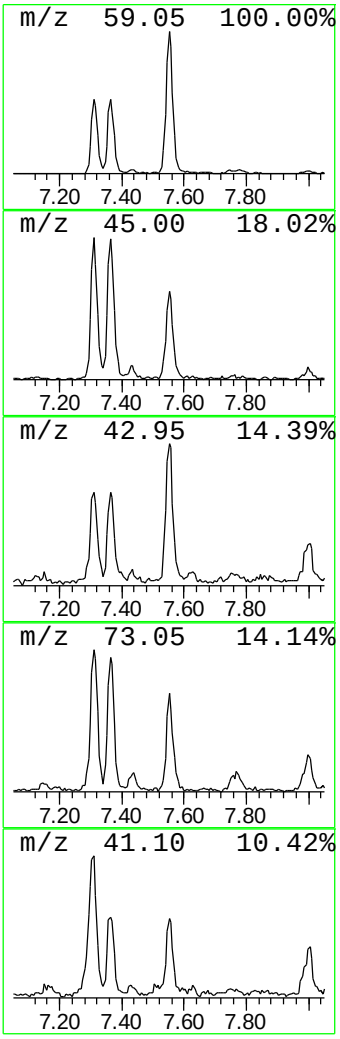
****

Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	6.45 ng/ul	99258	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59





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Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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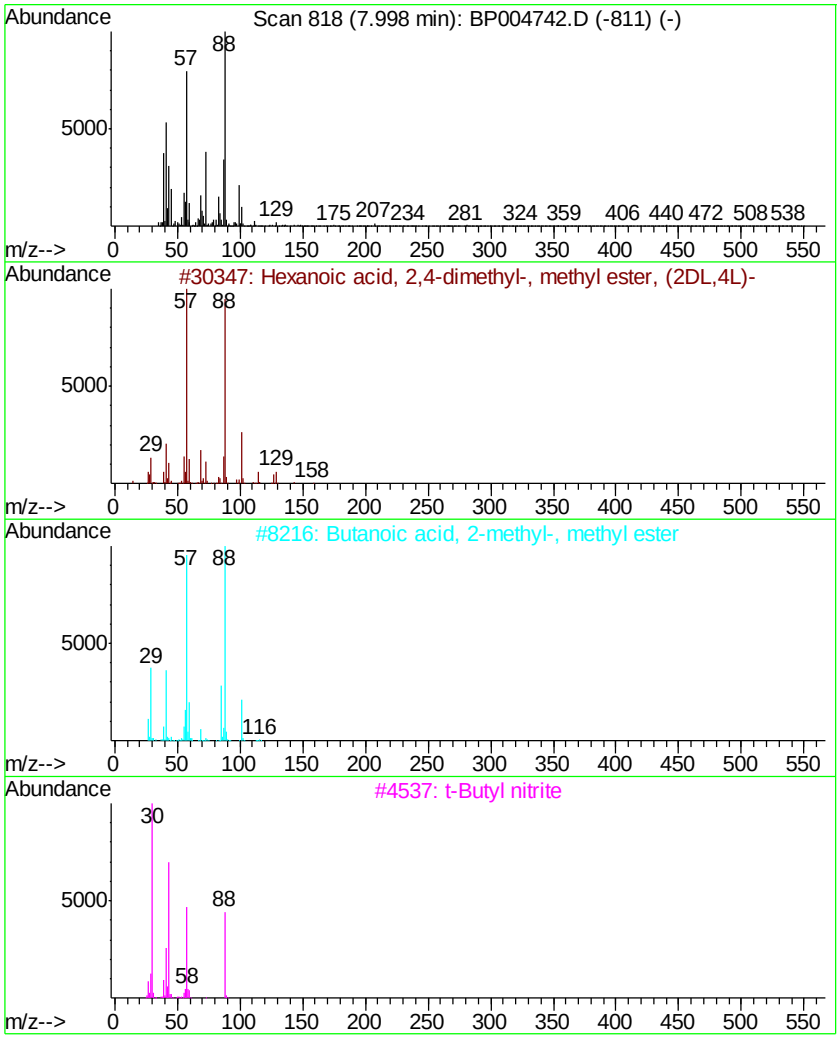
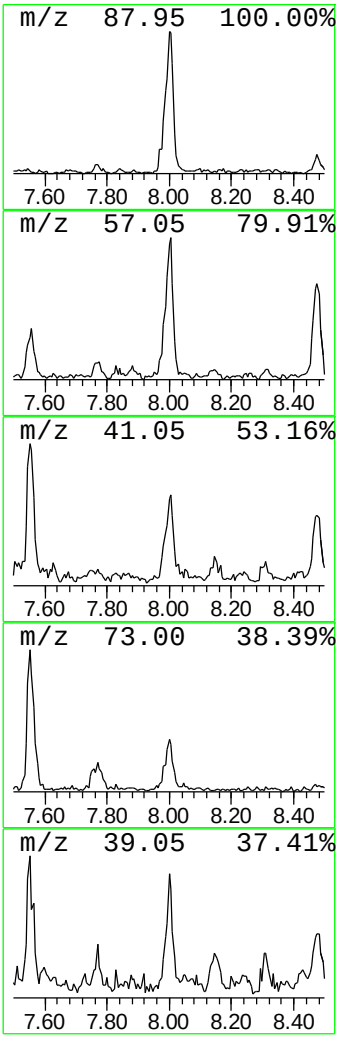
Peak Number 5 Hexanoic acid, 2,4-dimethyl... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	3.16 ng/ul	48605	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	50
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	46
3	t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
4	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	38
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-45-7	37





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Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

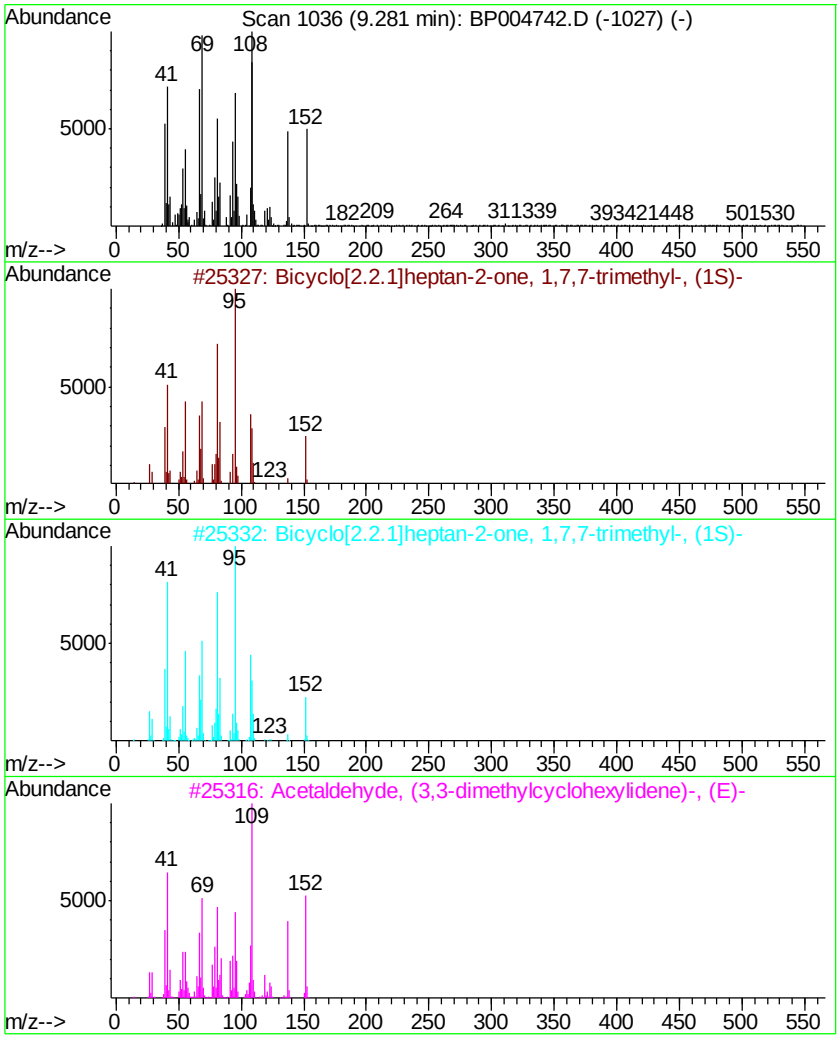
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

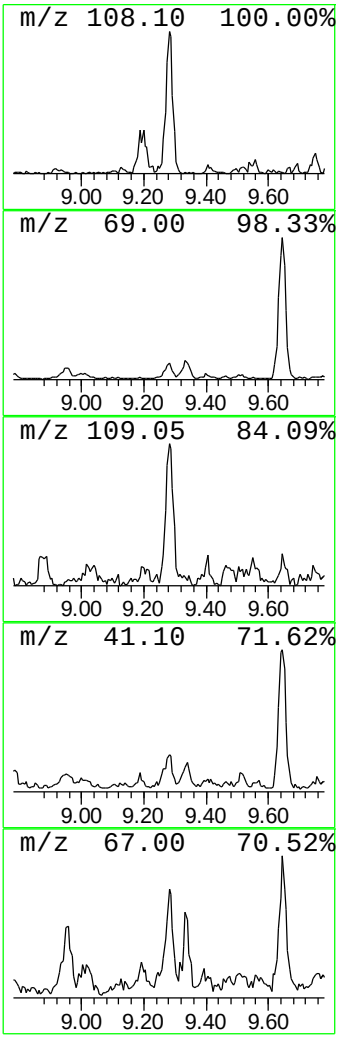
****

Peak Number 6 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.81 ng/ul	51275	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	46
3	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	38
4	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	27





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

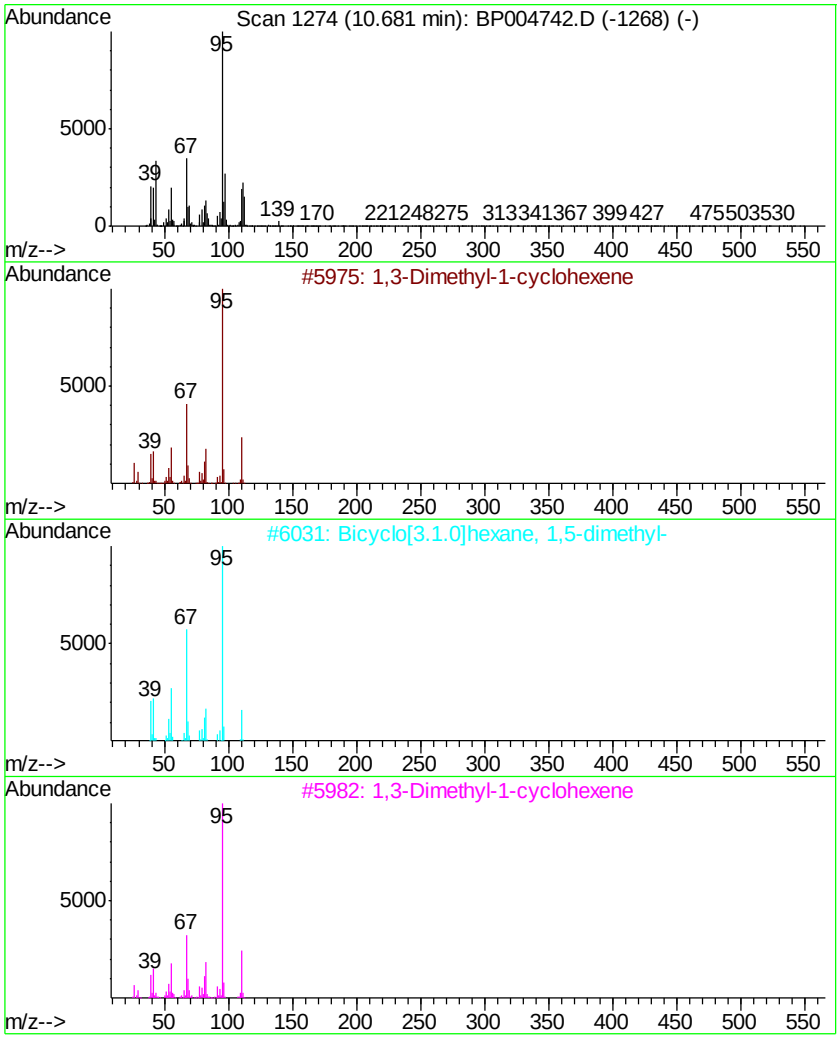
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

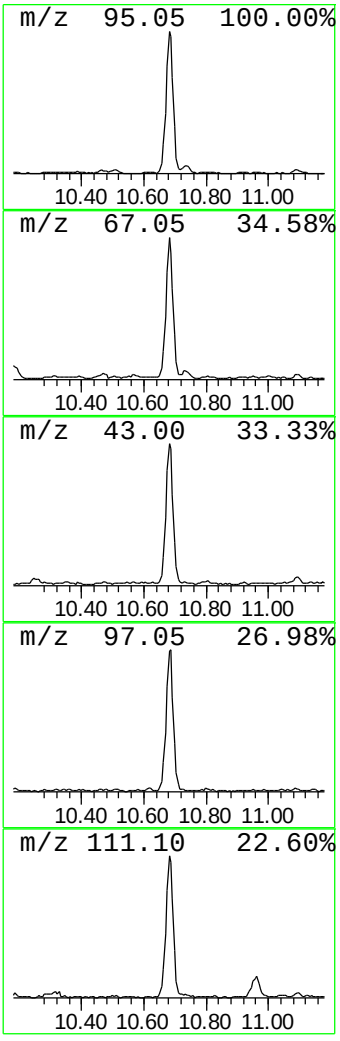
****

Peak Number 7 1,3-Dimethyl-1-cyclohexene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	34.88 ng/ul	636711	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	64
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	64
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	52





Library Search Compound Report

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Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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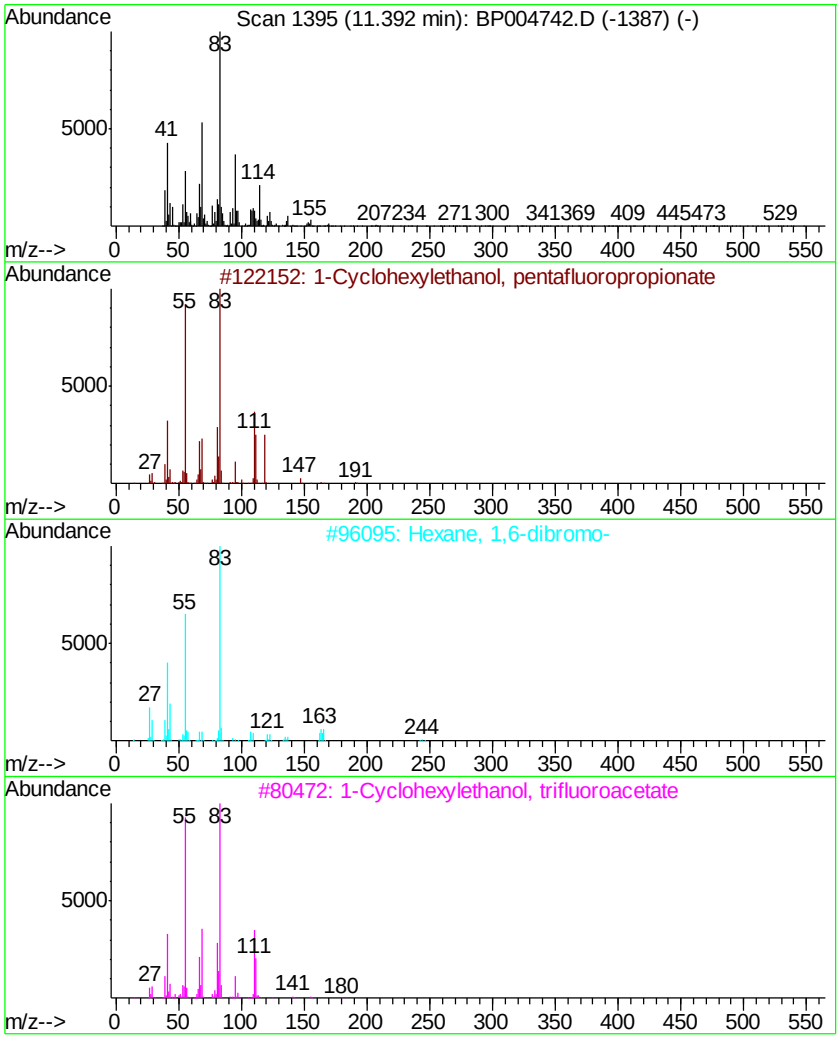
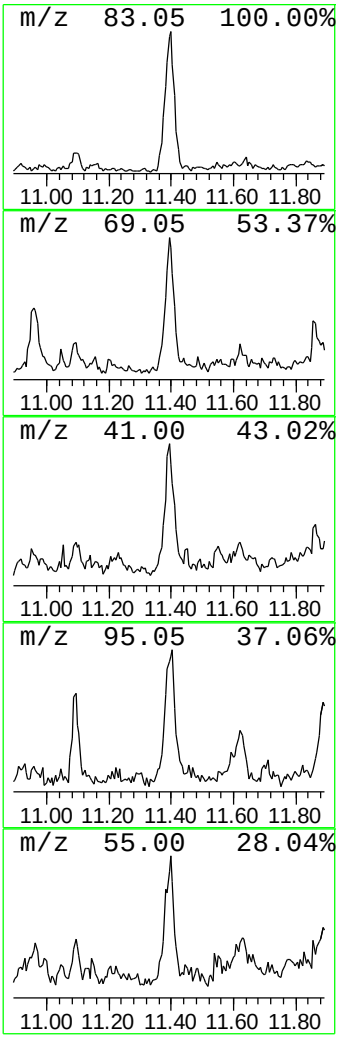
Peak Number 9 1-Cyclohexylethanol, pentaf... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.00 ng/ul	109451	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	53
2	Hexane, 1,6-dibromo-	242	C6H12Br2	000629-03-8	50
3	1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	50
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	49
5	2-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	000924-50-5	47





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Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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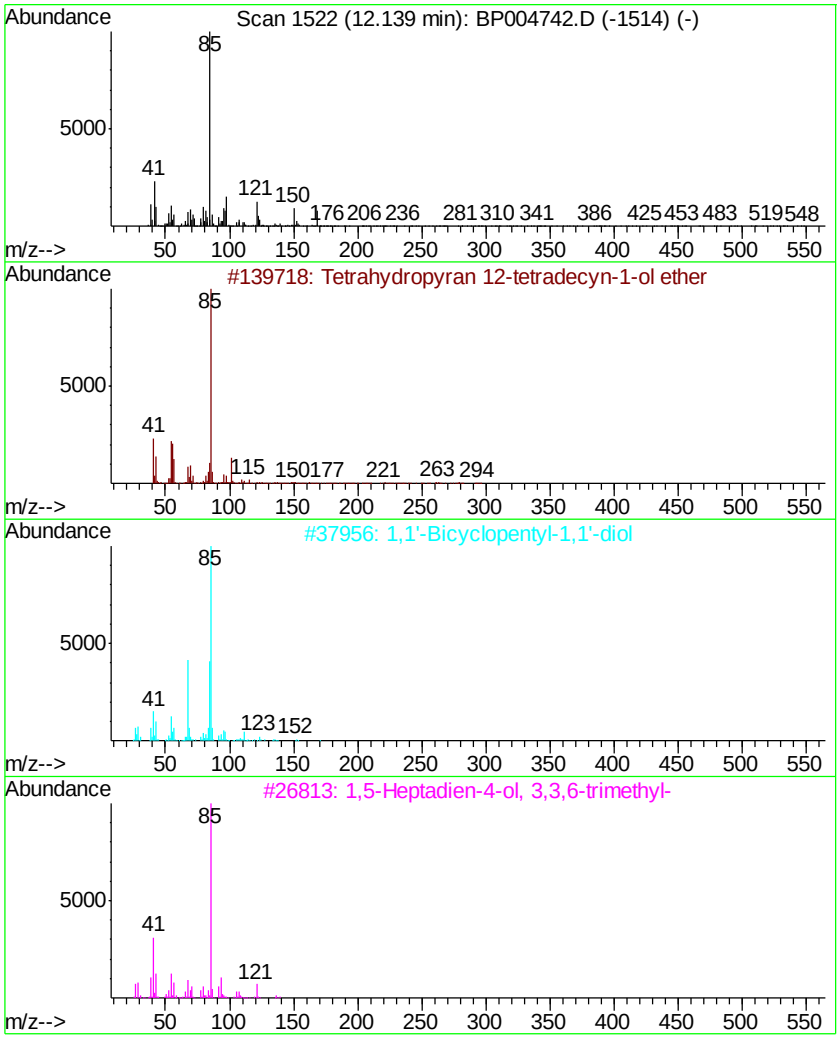
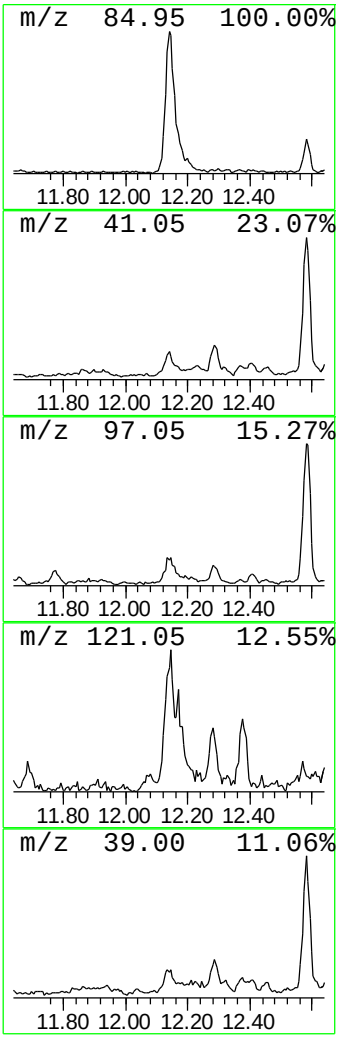
Peak Number 10 Tetrahydropyran 12-tetradec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	7.27 ng/ul	132711	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	50
2	1,1'-Bicyclopentyl-1,1'-diol	170	C10H18O2	005181-75-9	50
3	1,5-Heptadien-4-ol, 3,3,6-trimet...	154	C10H18O	027644-04-8	50
4	Valeric anhydride	186	C10H18O3	002082-59-9	47
5	4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	47





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Misc :
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Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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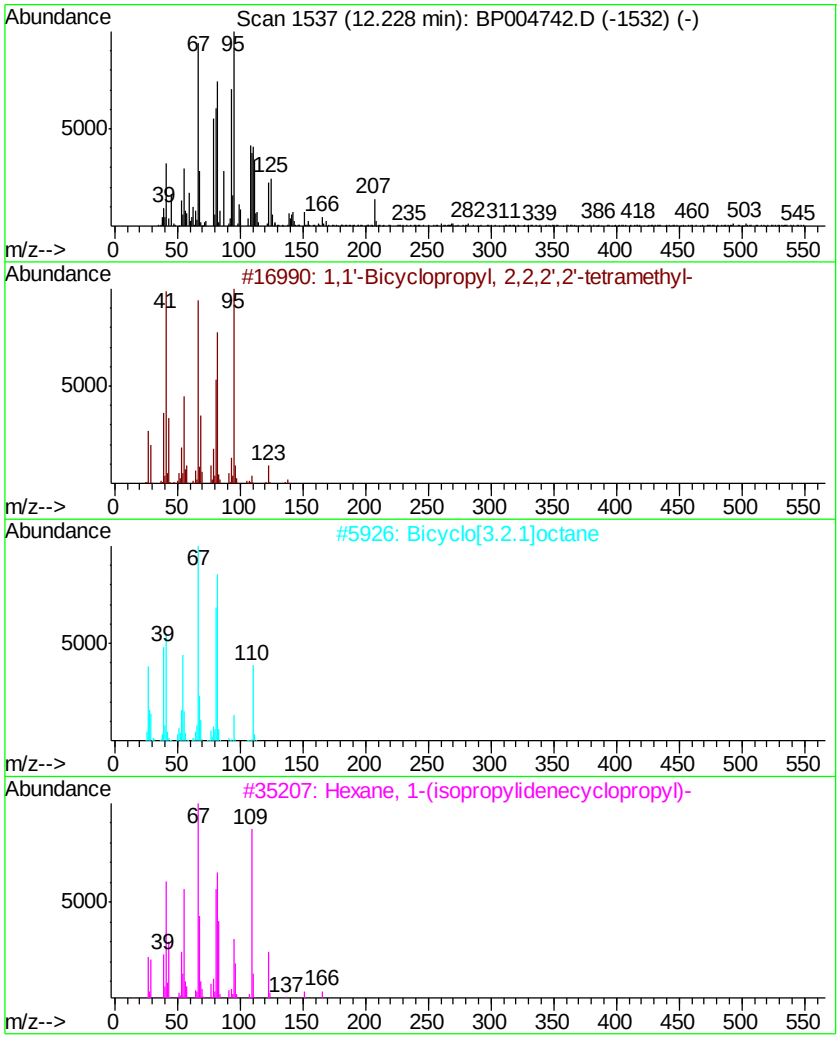
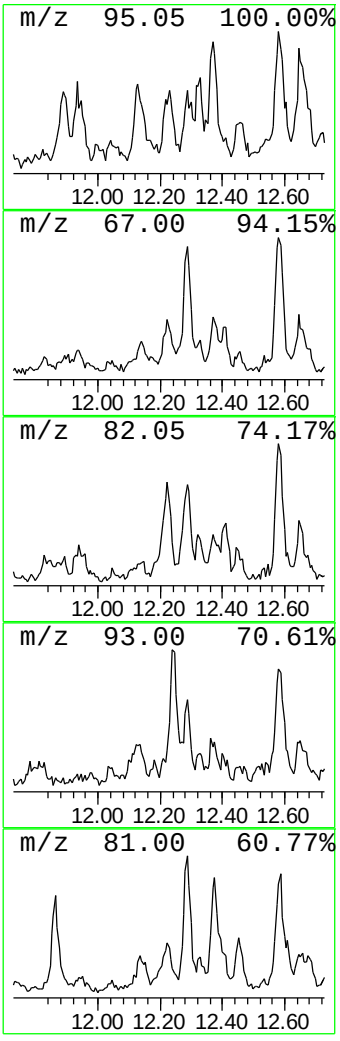
Peak Number 11 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	4.51 ng/ul	82248	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclopropyl, 2,2,2',2'-te...	138	C10H18	068998-20-9	49
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	46
3	Hexane, 1-(isopropylidenecyclopr...	166	C12H22	024524-53-6	43
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
5	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	38





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Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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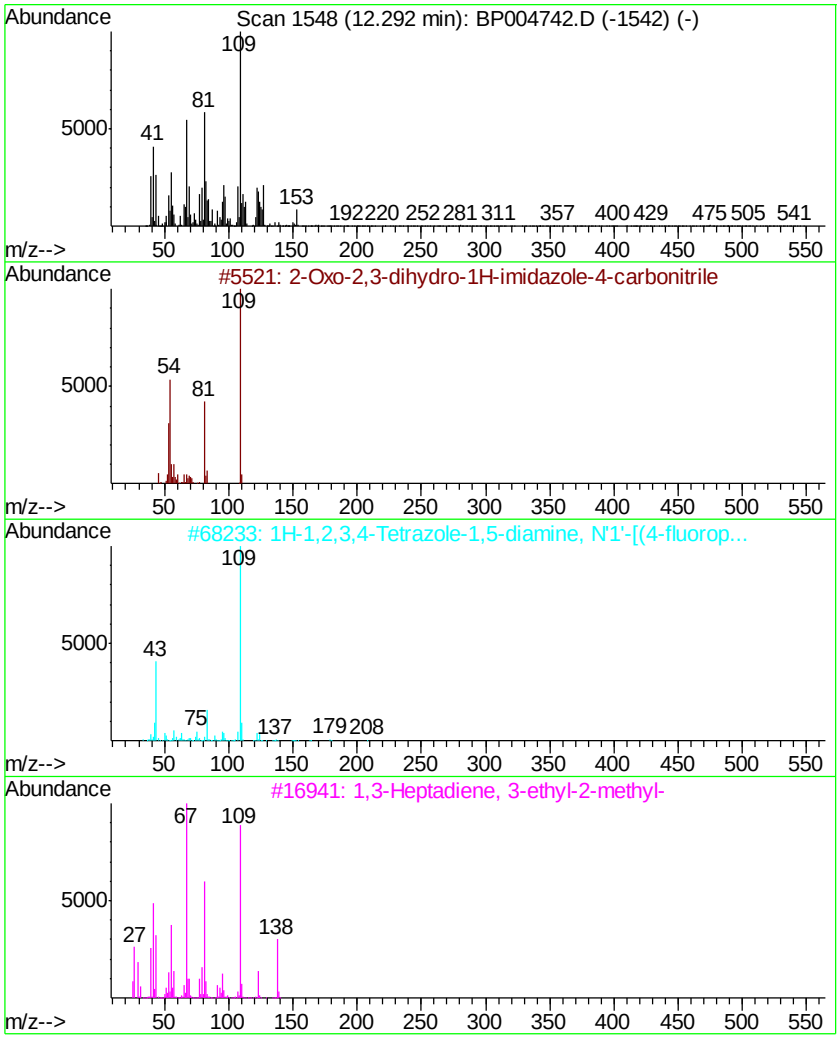
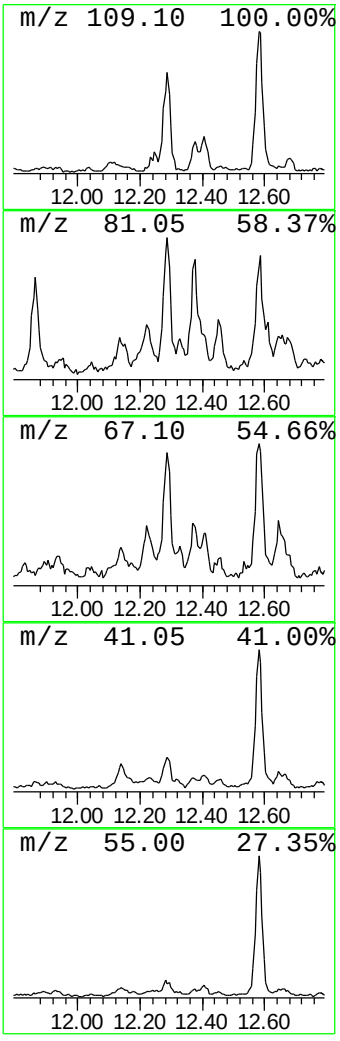
Peak Number 12 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	8.73 ng/ul	159420	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxo-2,3-dihydro-1H-imidazole-4...	109	C4H3N3O	1000294-08-6	30
2	1H-1,2,3,4-Tetrazole-1,5-diamine...	208	C8H9FN6	1000351-63-3	27
3	1,3-Heptadiene, 3-ethyl-2-methyl-	138	C10H18	061142-35-6	27
4	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	25
5	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	25





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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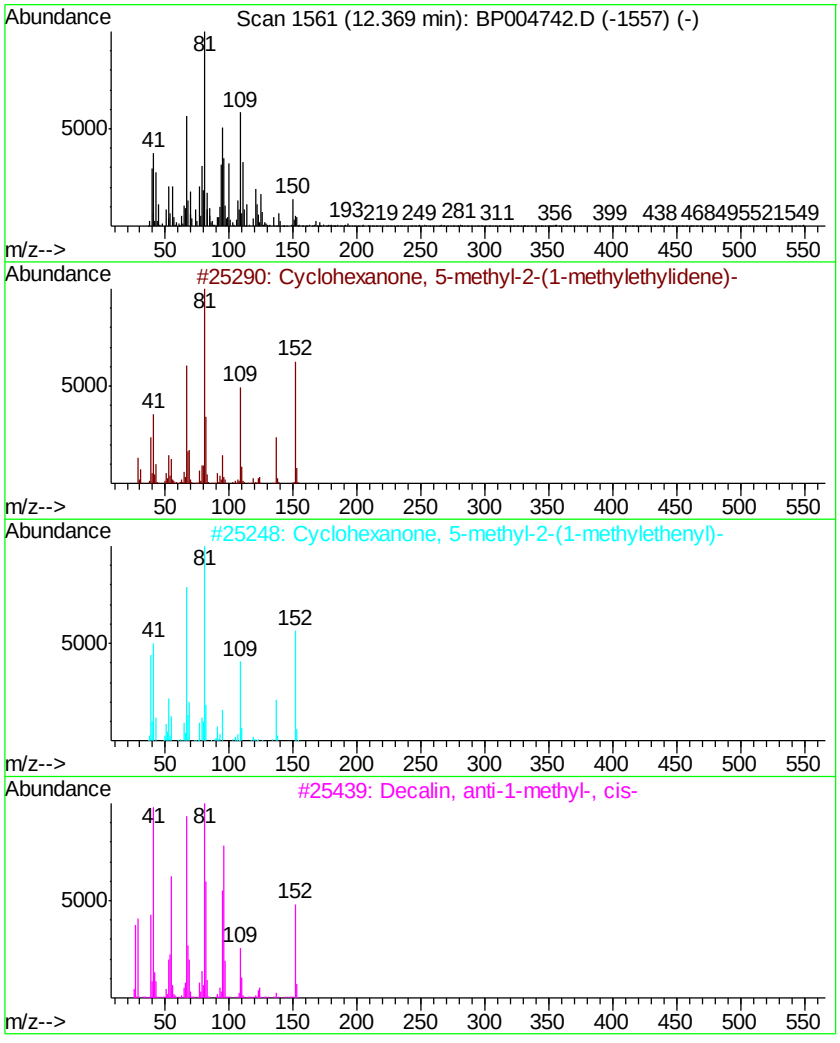
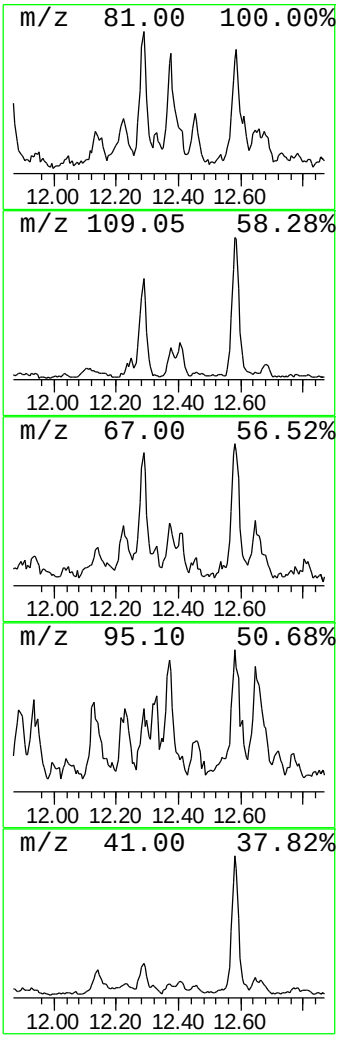
Peak Number 14 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.93 ng/ul	89914	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	38
3	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	35
4	Pentylidenecyclohexane	152	C11H20	039546-79-7	27
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	27





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Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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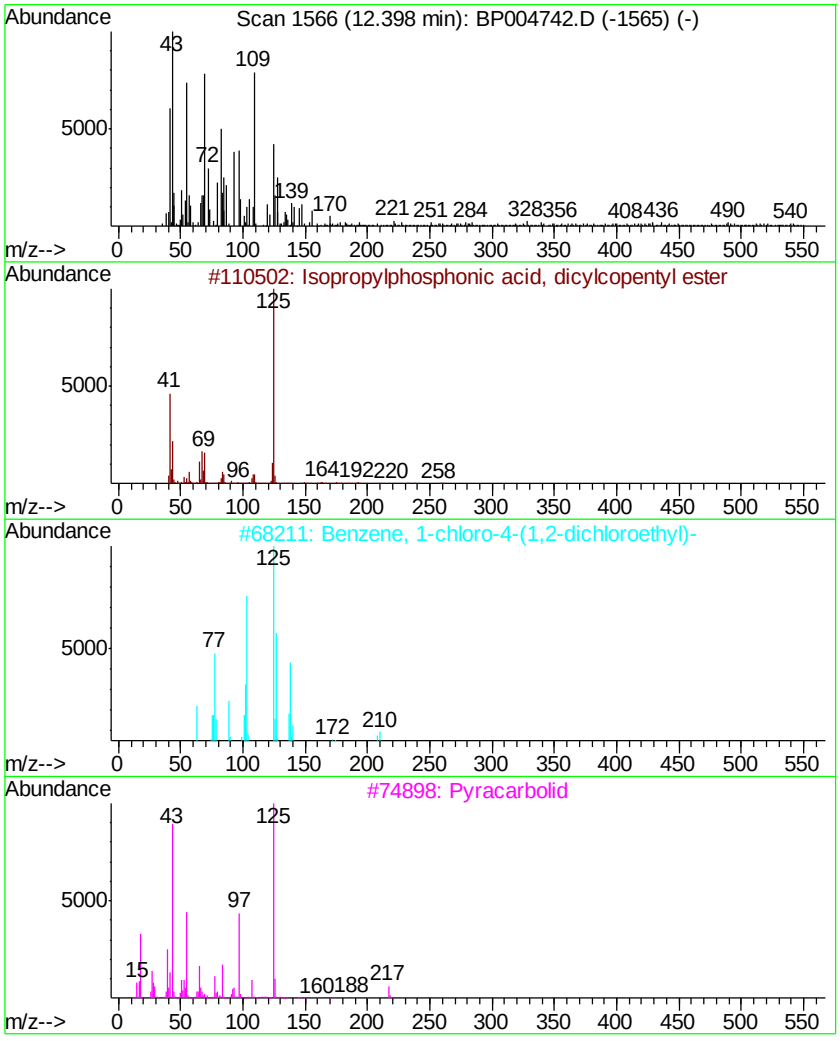
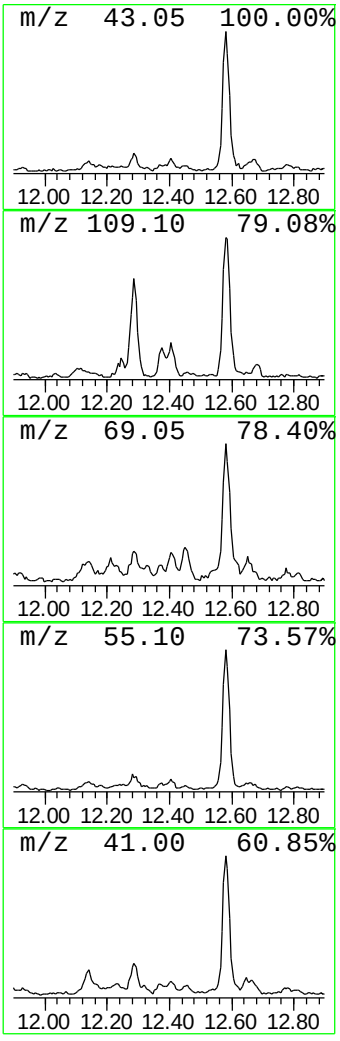
Peak Number 15 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.79 ng/ul	50966	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylphosphonic acid, dicylc...	260	C13H25O3P	1000273-18-4	38
2	Benzene, 1-chloro-4-(1,2-dichlor...	208	C8H7Cl3	074298-94-5	27
3	Pyracarbolid	217	C13H15NO2	024691-76-7	27
4	1-Methoxy-6,6-dimethyl-cyclohex-...	140	C9H16O	073741-66-9	22
5	2,4-Diamino-6-methyl-1,3,5-triazine	125	C4H7N5	000542-02-9	22





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Sample : M1349-07
Misc :
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Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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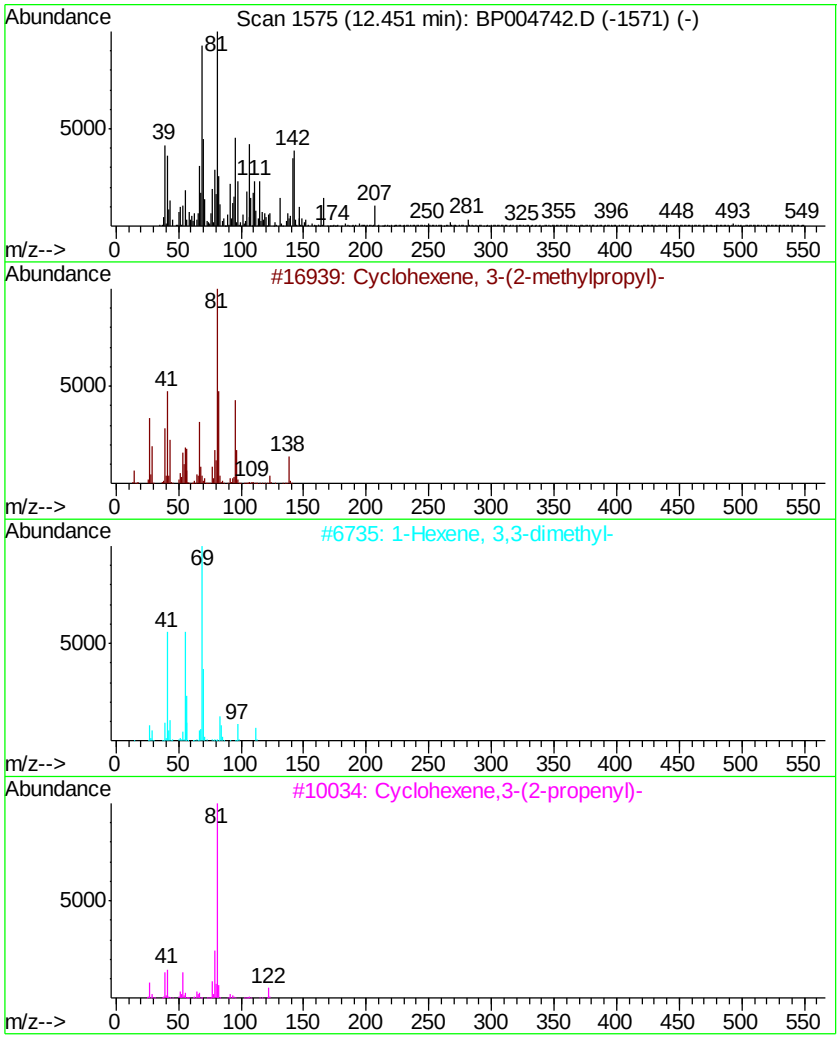
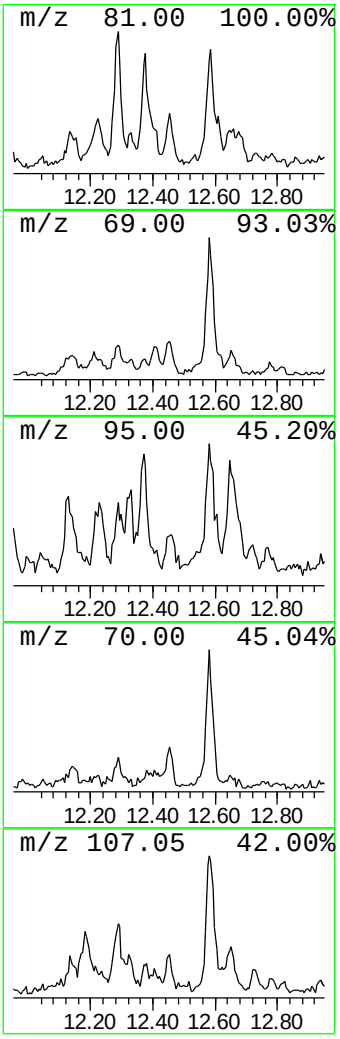
Peak Number 16 unknown-05 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.40 ng/ul	43840	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	14
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	14
3	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	11
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	11
5	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	11





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Sample : M1349-07
Misc :
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Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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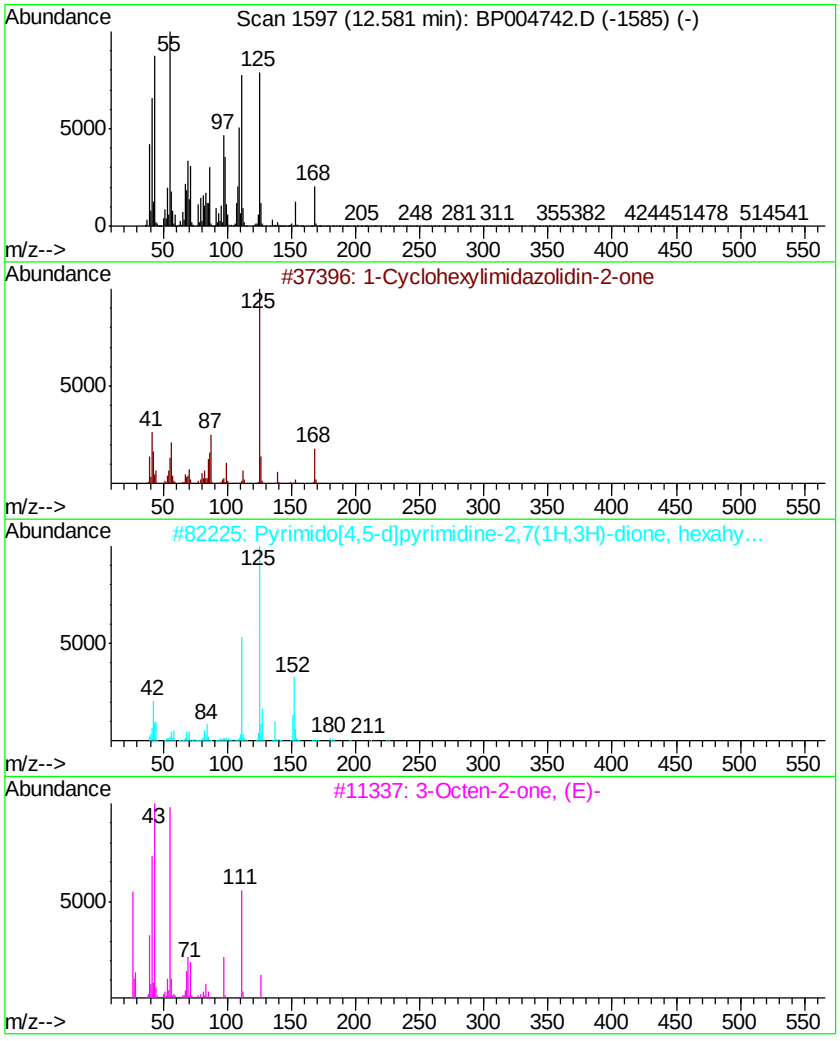
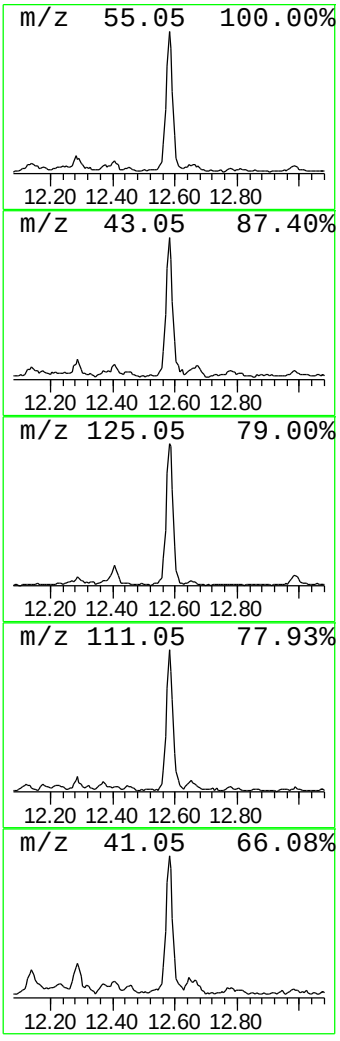
Peak Number 17 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	27.98 ng/ul	603624	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylimidazolidin-2-one	168	C9H16N2O	037732-88-0	38
2	Pyrimido[4,5-d]pyrimidine-2,7(1H...	226	C10H18N4O2	071541-03-2	38
3	3-Octen-2-one, (E)-	126	C8H14O	018402-82-9	30
4	5-Undecen-4-one	168	C11H20O	056312-55-1	27
5	N-Methylpyrrole-2-carboxylic acid	125	C6H7NO2	006973-60-0	18





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ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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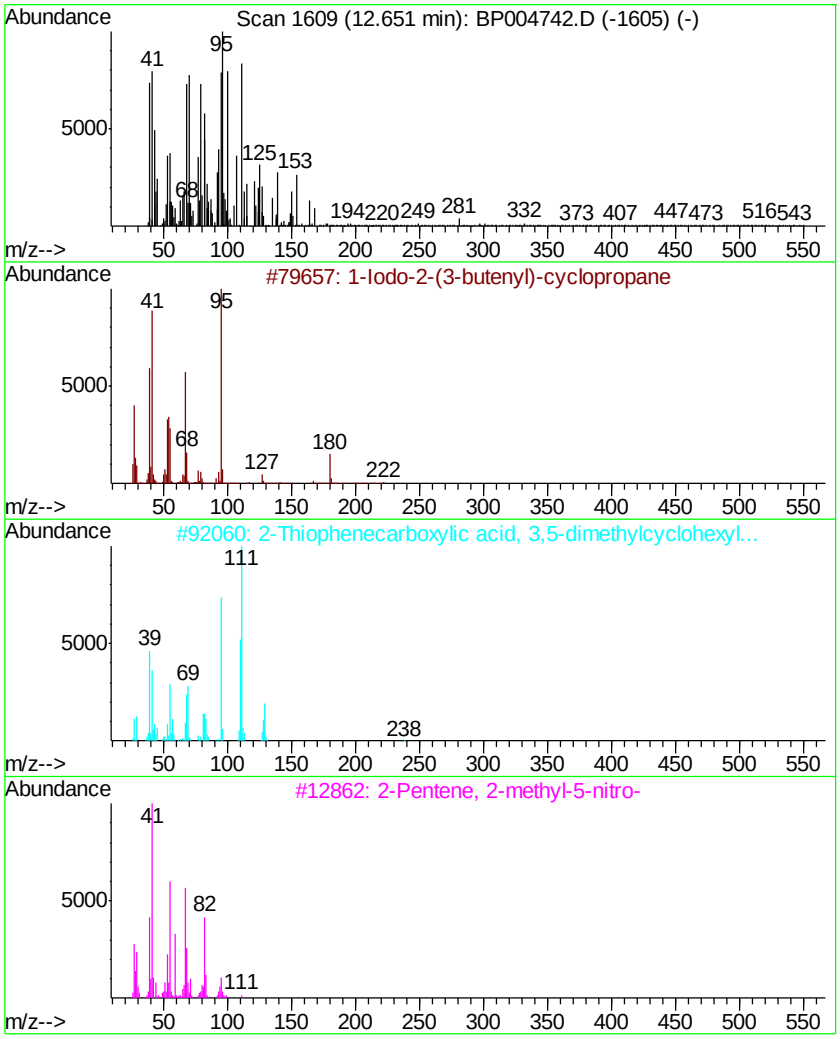
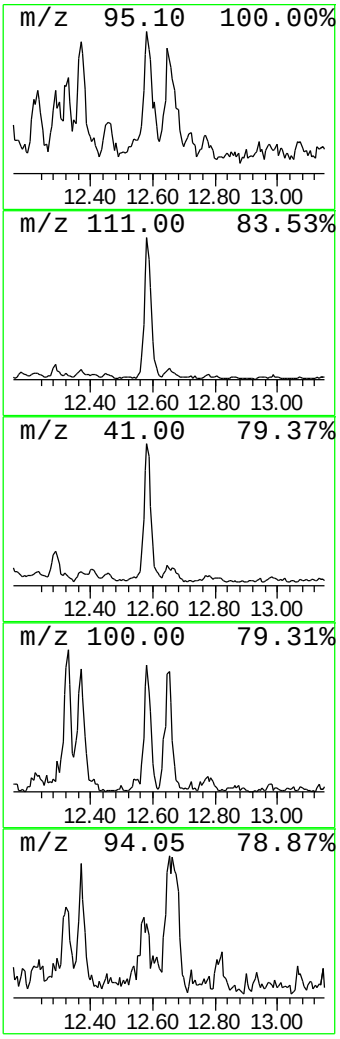
Peak Number 18 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.09 ng/ul	109717	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-(3-butenyl)-cyclopropane	222	C7H11I	1000061-53-5	43
2	2-Thiophenecarboxylic acid, 3,5-...	238	C13H18O2S	1000278-87-5	43
3	2-Pentene, 2-methyl-5-nitro-	129	C6H11NO2	040244-93-7	38
4	4H-1-Benzothiopyran-4-one, octah...	216	C10H16O3S	1000337-14-8	35
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	35





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Quant Title : SVOA CALIBRATION

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

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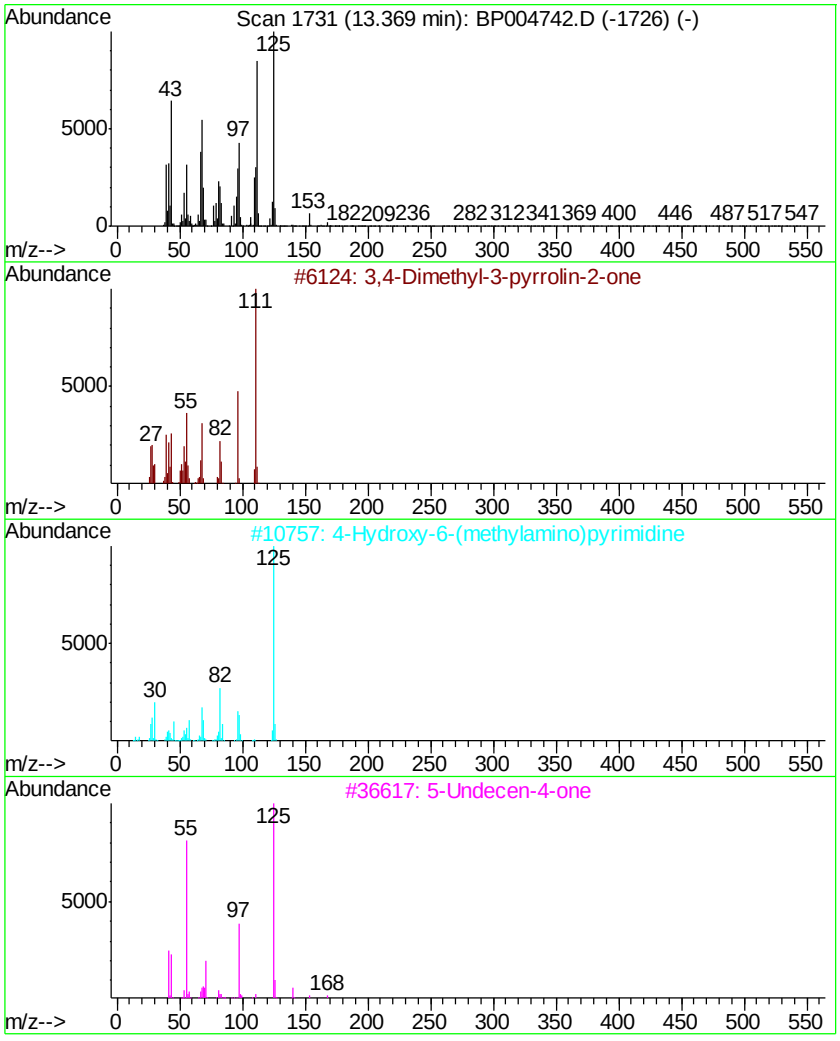
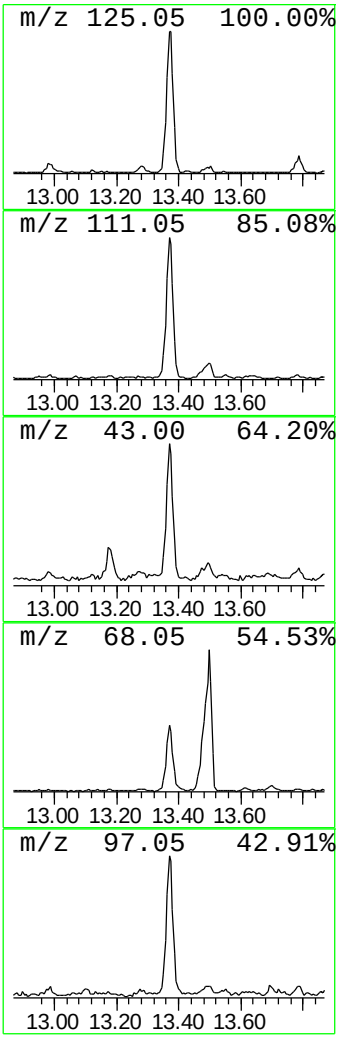
Peak Number 19 unknown-08 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	16.33 ng/ul	352236	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-3-pyrrolin-2-one	111	C6H9NO	004030-22-2	38
2	4-Hydroxy-6-(methylamino)pyrimidine	125	C5H7N3O	001122-67-4	27
3	5-Undecen-4-one	168	C11H20O	056312-55-1	27
4	2-Amino-5-methyl-4-oxo-3,4-dihyd...	125	C5H7N3O	015981-91-6	25
5	3-Methoxy-2(1H)-pyridone	125	C6H7NO2	020928-63-6	25





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Quant Title : SVOA CALIBRATION

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

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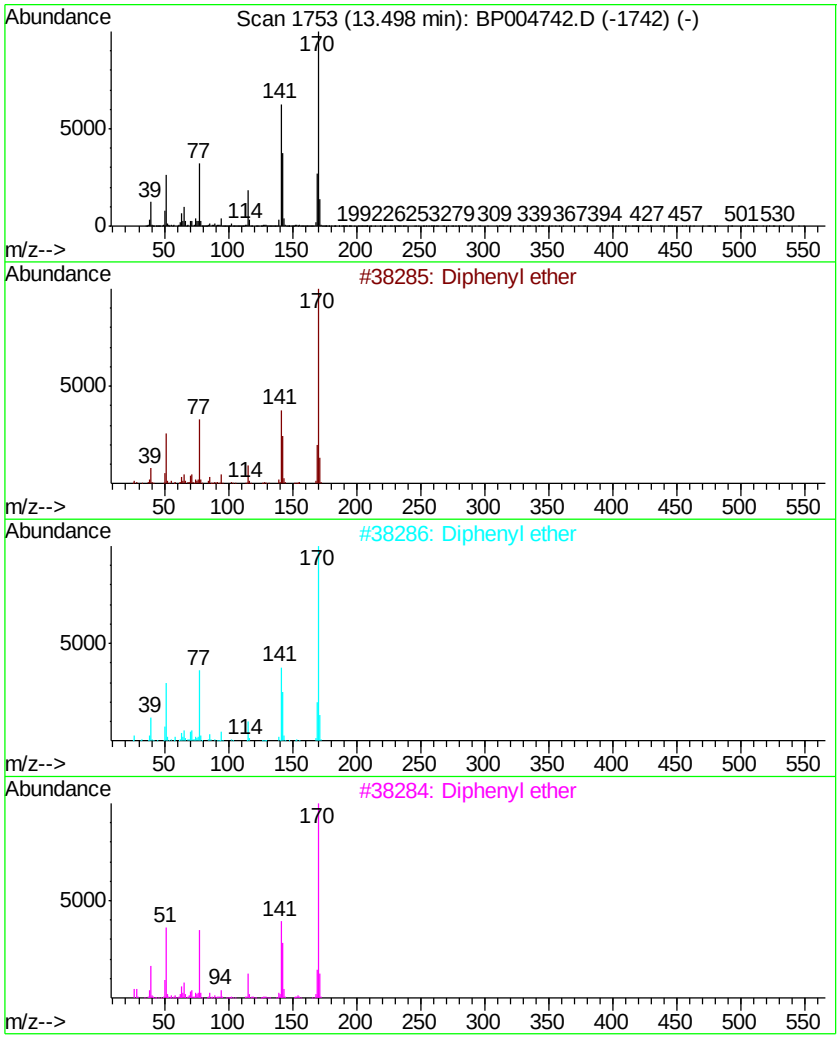
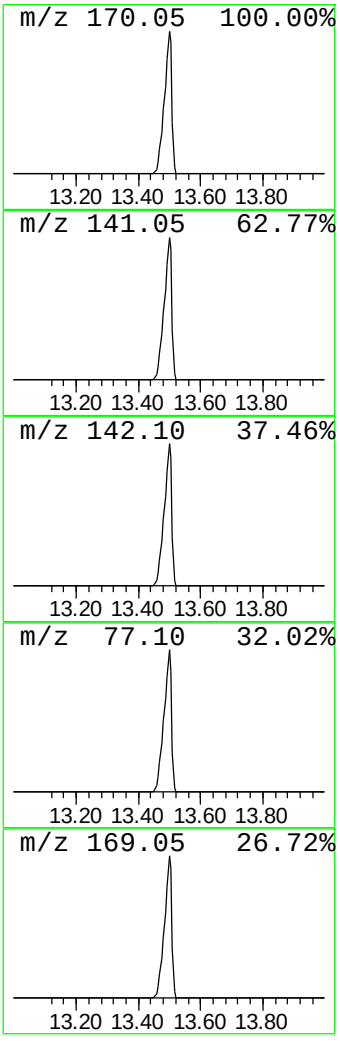
Peak Number 20 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	1433.19 ng/ul	30918100	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	90
2	Diphenyl ether	170	C12H10O	000101-84-8	90
3	Diphenyl ether	170	C12H10O	000101-84-8	87
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	74
5	2-Troponyl difluoroborate	170	C7H5BF2O2	022502-10-9	47





Library Search Compound Report

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Acq On : 15 Feb 2021 12:47
Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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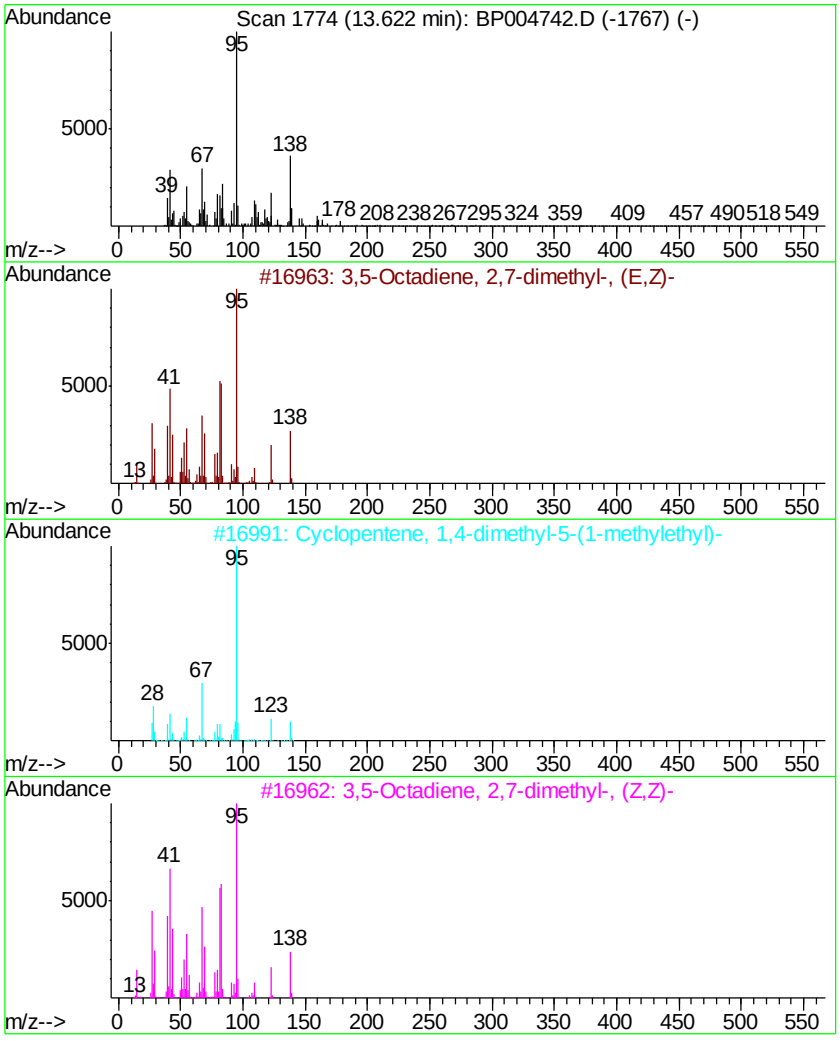
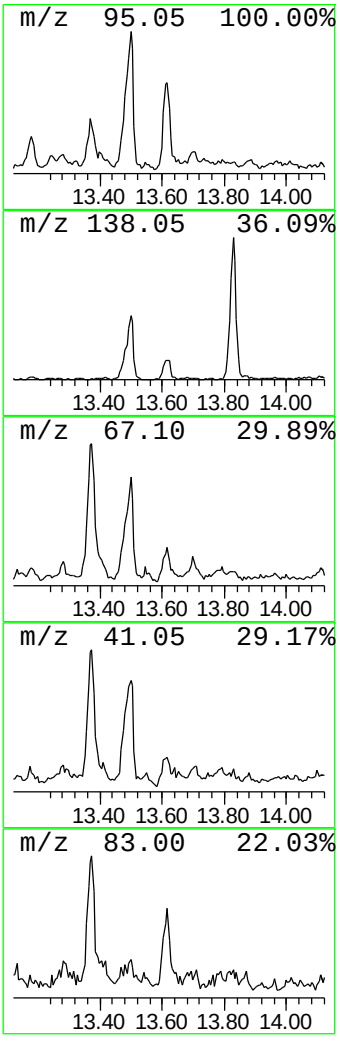
Peak Number 21 3,5-Octadiene, 2,7-dimethyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.30 ng/ul	71113	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadiene, 2,7-dimethyl-, (E...	138	C10H18	055682-64-9	68
2	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	68
3	3,5-Octadiene, 2,7-dimethyl-, (Z...	138	C10H18	028980-73-6	64
4	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	58
5	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	58





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Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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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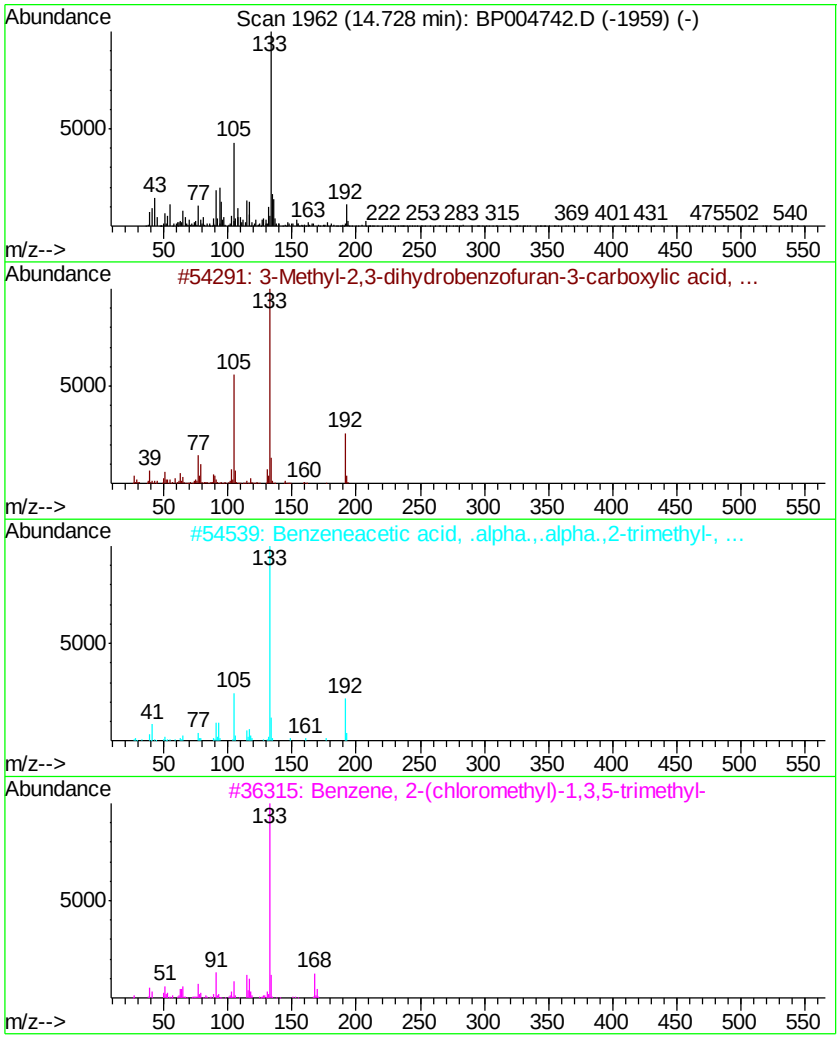
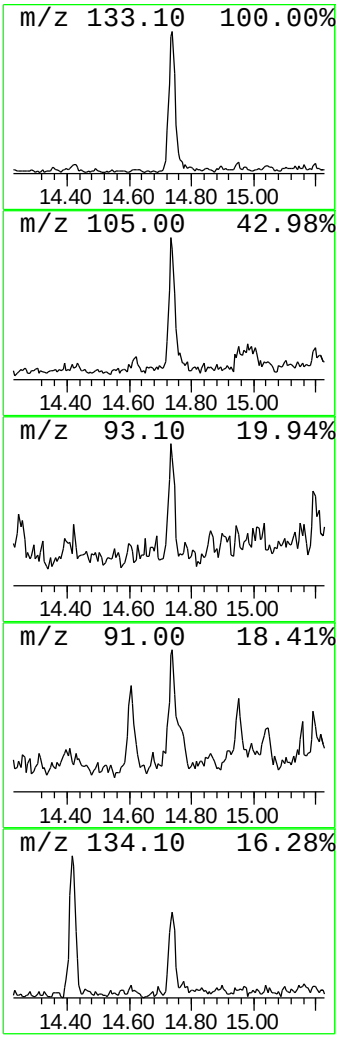
Peak Number 22 3-Methyl-2,3-dihydrobenzofu... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.67 ng/ul	79152	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2,3-dihydrobenzofuran-3...	192	C11H12O3	039891-57-1	76
2	Benzeneacetic acid, .alpha.,.alp...	192	C12H16O2	077846-89-0	59
3	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	59
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	59
5	Acethydrazide, N2-(2-ethyl-6-met...	192	C11H16N2O	1000272-70-8	59





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Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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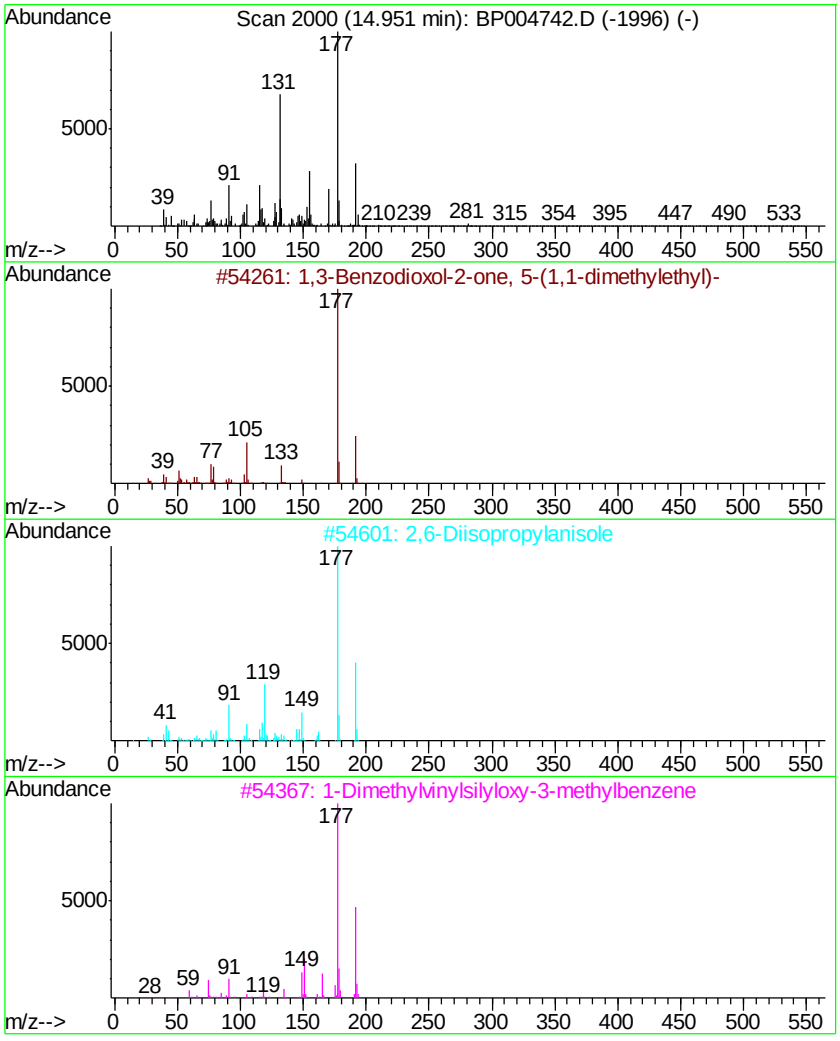
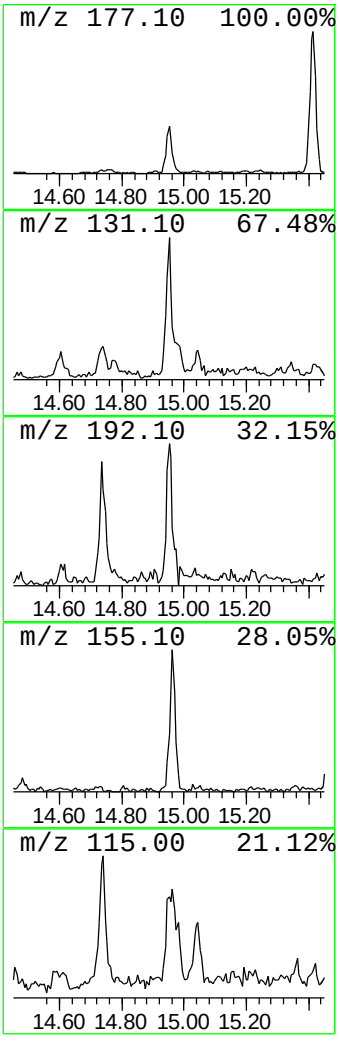
Peak Number 23 unknown-09 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.53 ng/ul	54506	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxol-2-one, 5-(1,1-di...	192	C11H12O3	054815-21-3	45
2	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	43
3	1-Dimethylvinylsilyloxy-3-methyl...	192	C11H16OSi	1000307-91-6	38
4	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	38
5	Benzoic acid, thio-, isopropylid...	192	C10H12N2S	020185-02-8	38





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Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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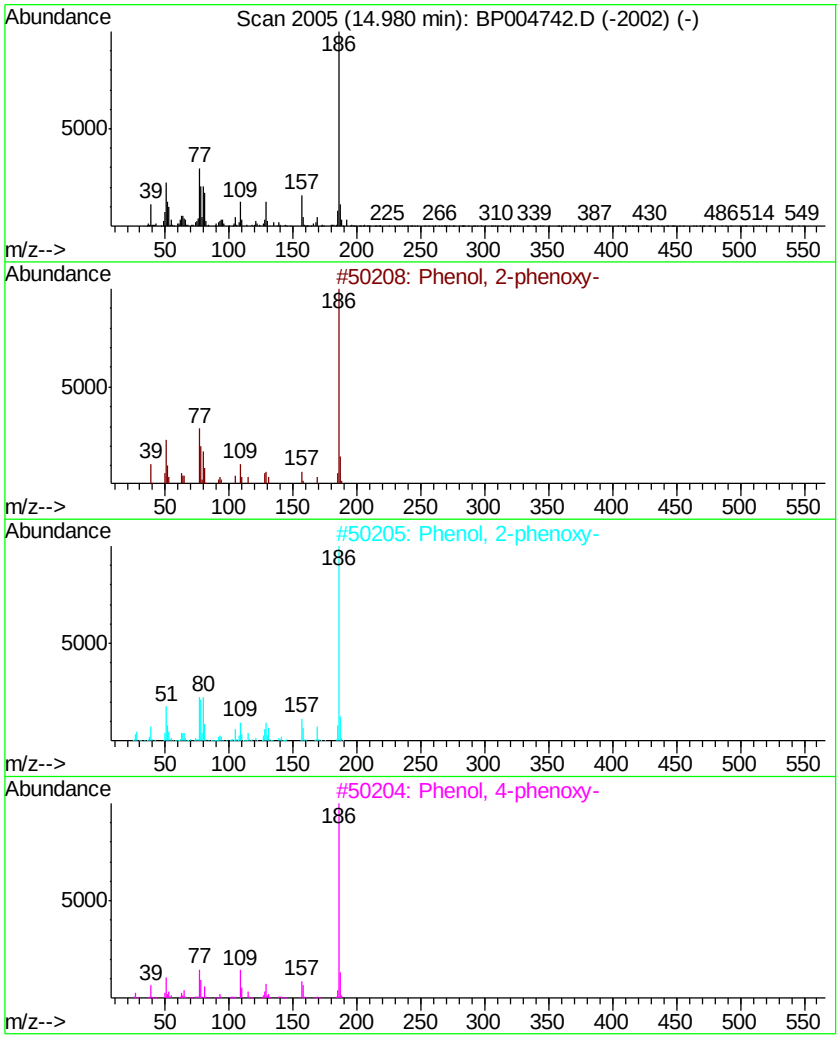
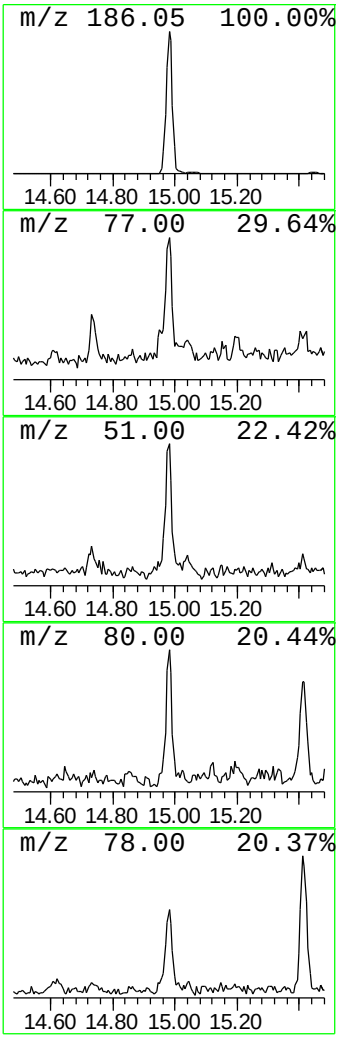
Peak Number 24 Phenol, 2-phenoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.17 ng/ul	89958	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	93
2	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	91
3	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	83
4	Benzenamine, 4-(3-pyridinyloxy)-	186	C11H10N2O	1000362-56-4	62
5	4H-[1,2,4]Triazolo[1,5-a][1,3]be...	186	C10H10N4	1000319-36-6	50





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Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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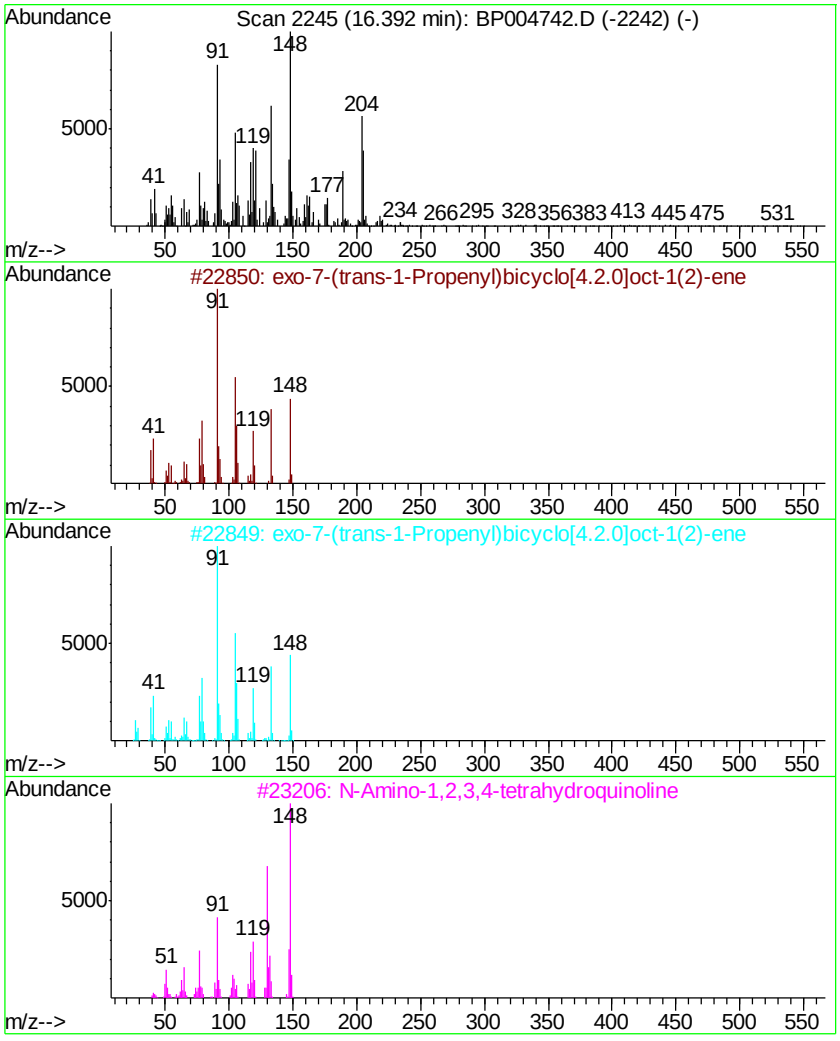
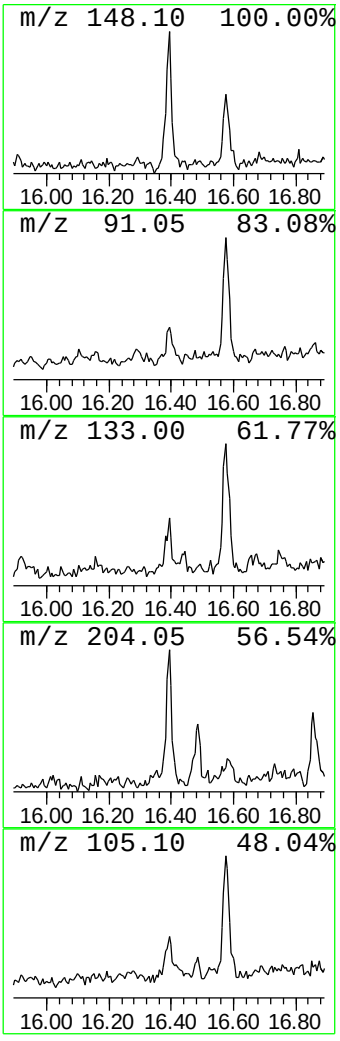
Peak Number 27 exo-7-(trans-1-Propenyl)bic... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	2.75 ng/ul	63964	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	exo-7-(trans-1-Propenyl)bicyclo[...	148	C11H16	107983-42-6	55
2	exo-7-(trans-1-Propenyl)bicyclo[...	148	C11H16	107983-42-6	55
3	N-Amino-1,2,3,4-tetrahydroquinoline	148	C9H12N2	1000305-92-6	50
4	3,3-Dimethyl-1-phenyl-2-aza-spir...	251	C17H17NO	1000297-21-2	42
5	4-(1-Butylpentyl)pyridine	205	C14H23N	002961-47-9	41





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Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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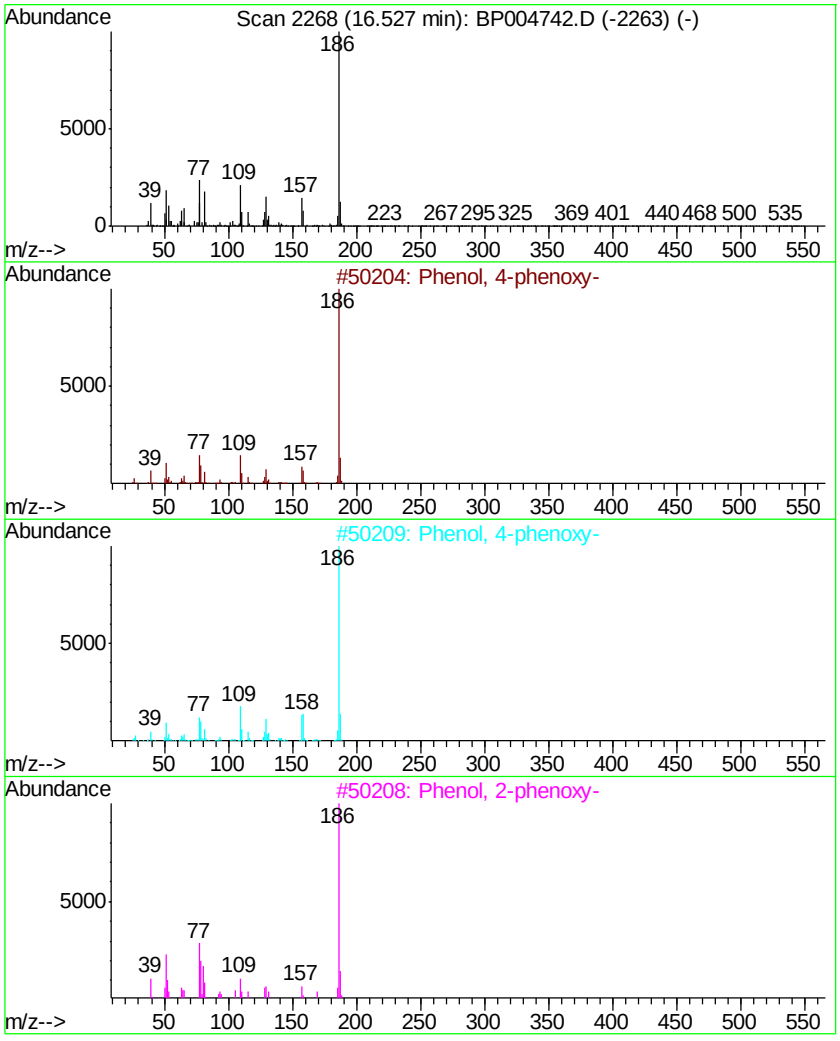
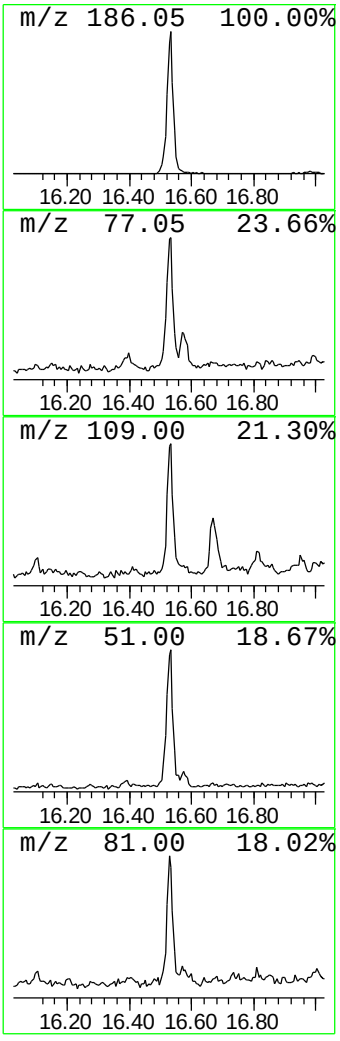
Peak Number 28 Phenol, 4-phenoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	15.38 ng/ul	358150	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	96
2	Phenol, 4-phenoxy-	186	C12H10O2	000831-82-3	90
3	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	74
4	Phenol, 2-phenoxy-	186	C12H10O2	002417-10-9	72
5	4H-Pyran-4-one, 2-methyl-6-phenyl-	186	C12H10O2	001013-99-6	64





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Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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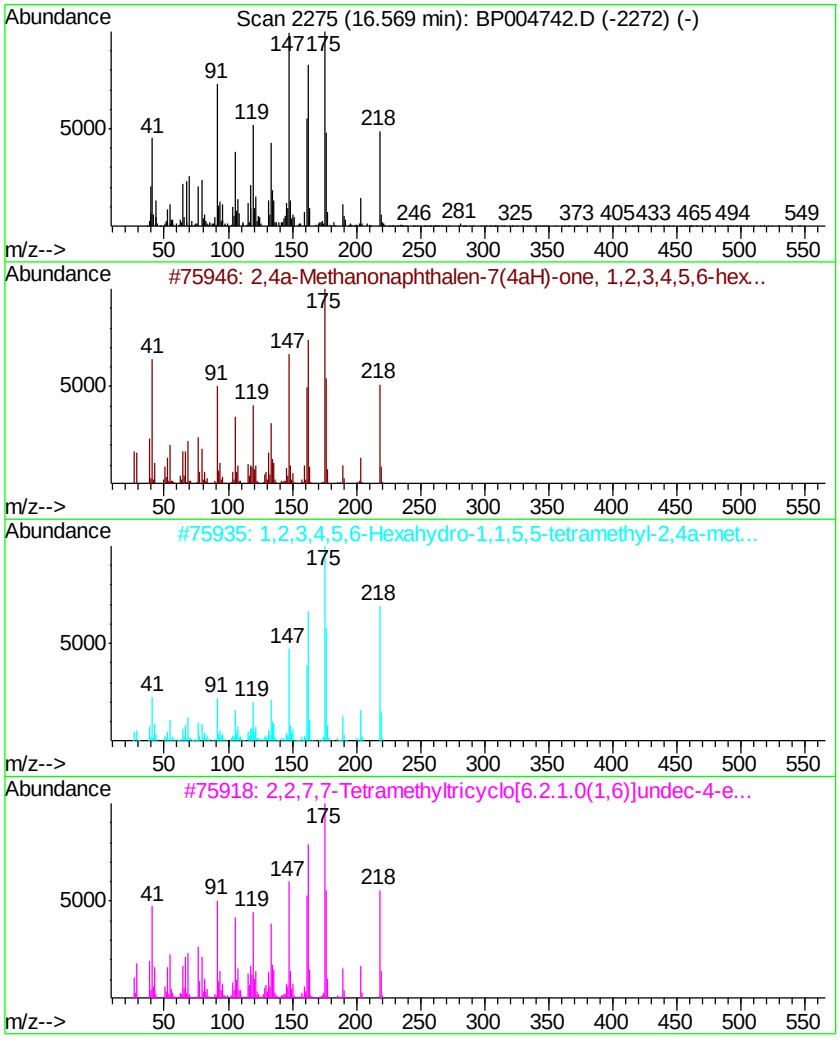
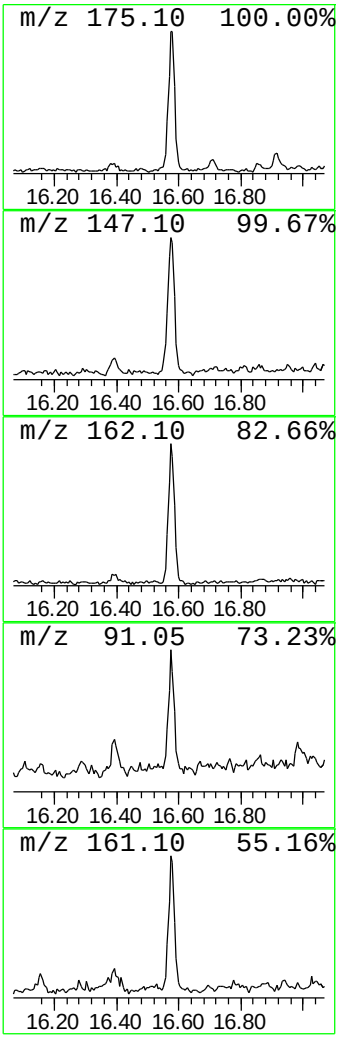
Peak Number 29 2,4a-Methanonaphthalen-7(4a... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	10.66 ng/ul	248148	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a-Methanonaphthalen-7(4aH)-on...	218	C15H22O	026839-52-1	94
2	1,2,3,4,5,6-Hexahydro-1,1,5,5-te...	218	C15H22O	023747-14-0	94
3	2,2,7,7-Tetramethyltricyclo[6.2....	218	C15H22O	1000189-49-9	91
4	1,3,5-Cycloheptatriene, 2,4-diet...	176	C13H20	1000156-99-6	84
5	1,3,5-Cycloheptatriene, 3,4-diet...	176	C13H20	1000156-99-7	83





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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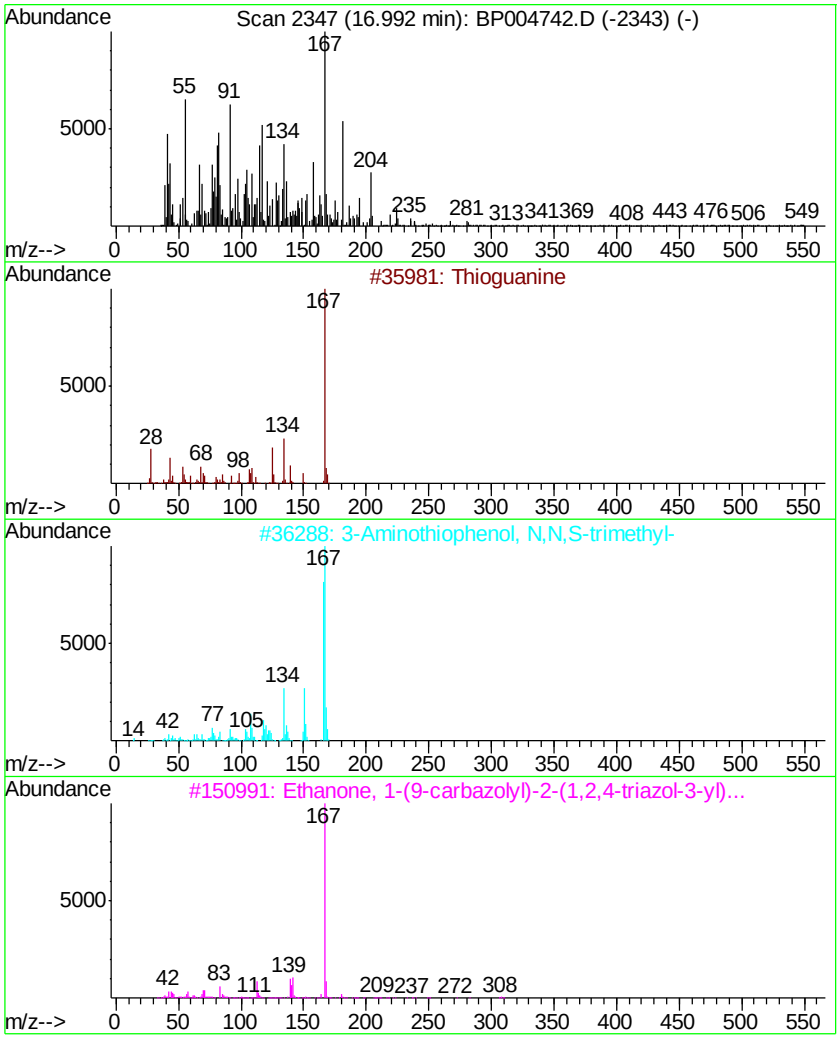
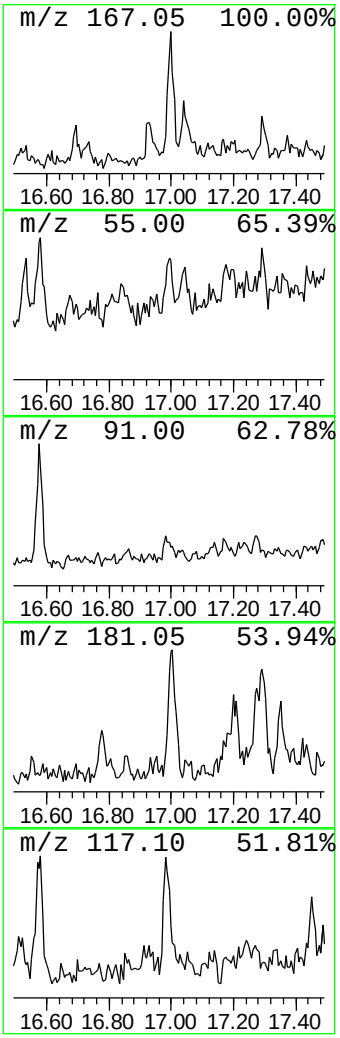
Peak Number 30 unknown-10 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.48 ng/ul	57793	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioguanine	167	C5H5N5S	000154-42-7	22
2	3-Aminothiophenol, N,N,S-trimethyl-	167	C9H13NS	1000353-08-1	22
3	Ethanone, 1-(9-carbazolyl)-2-(1,...	308	C16H12N4OS	348118-45-6	18
4	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	18
5	3,4-Dimethoxy-6-amino toluene	167	C9H13NO2	041864-45-3	18





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ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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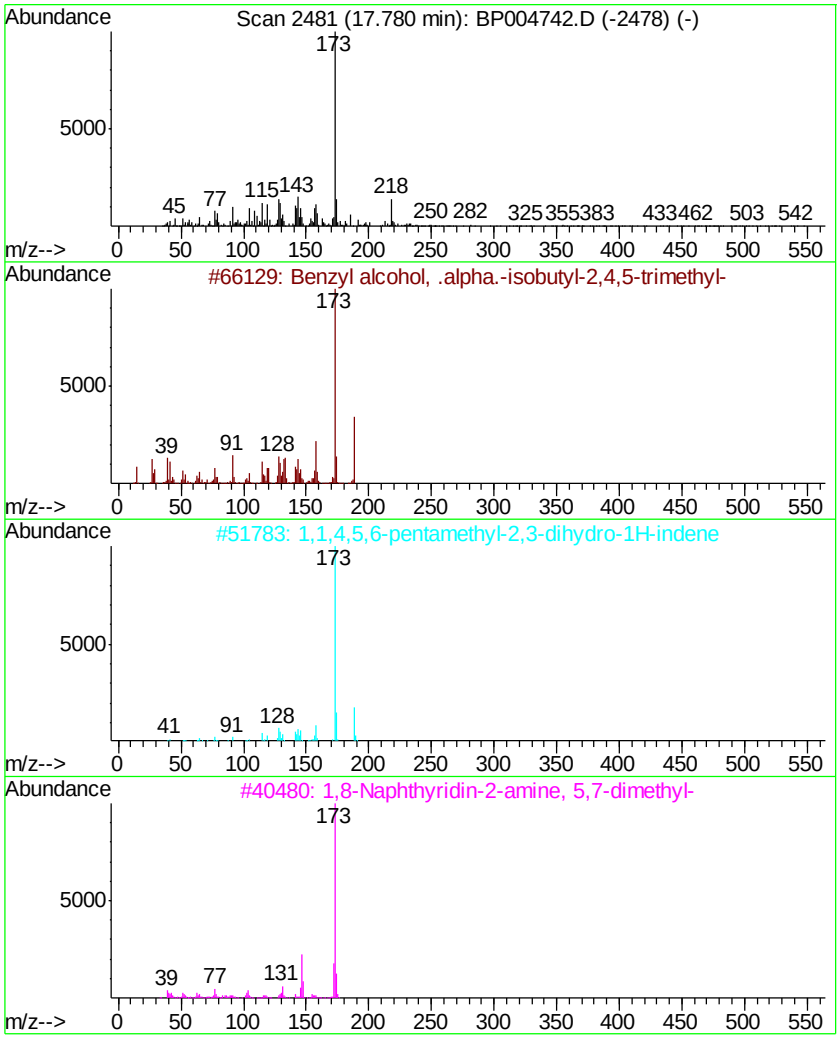
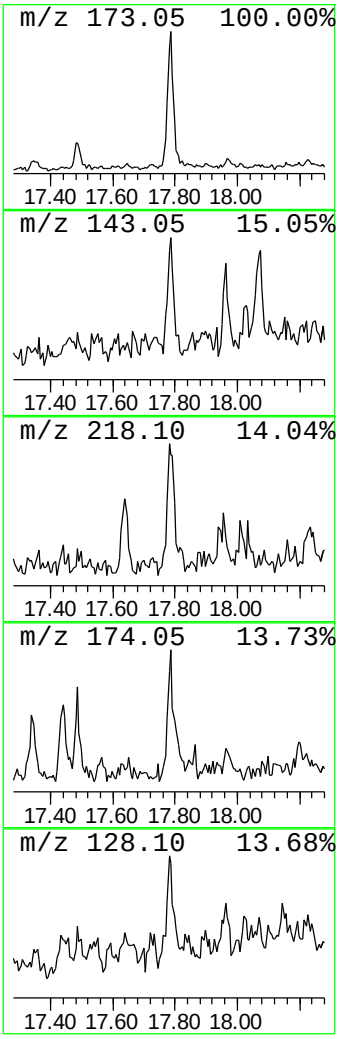
Peak Number 31 Benzyl alcohol, .alpha.-iso... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.10 ng/ul	72162	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol, .alpha.-isobutyl...	206	C14H22O	010425-87-3	72
2	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	72
3	1,8-Naphthyridin-2-amine, 5,7-di...	173	C10H11N3	039565-07-6	52
4	1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	50
5	2-Trifluoromethylbenzoic acid, 4...	274	C14H17F3O2	1000282-28-8	47





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ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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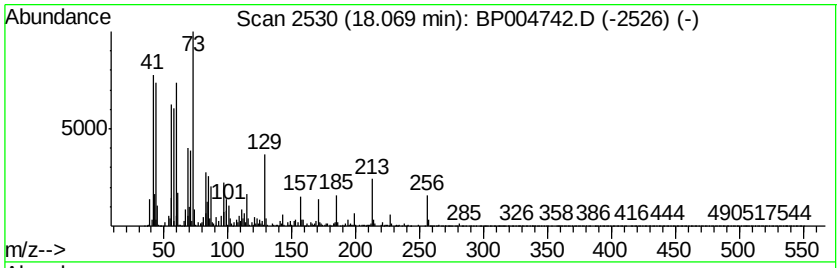
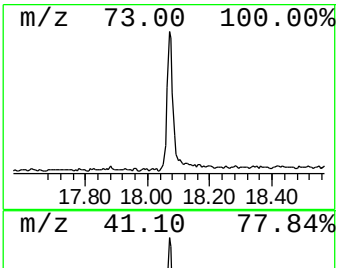
Peak Number 32 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	12.18 ng/ul	283668	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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Quant Title : SVOA CALIBRATION

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

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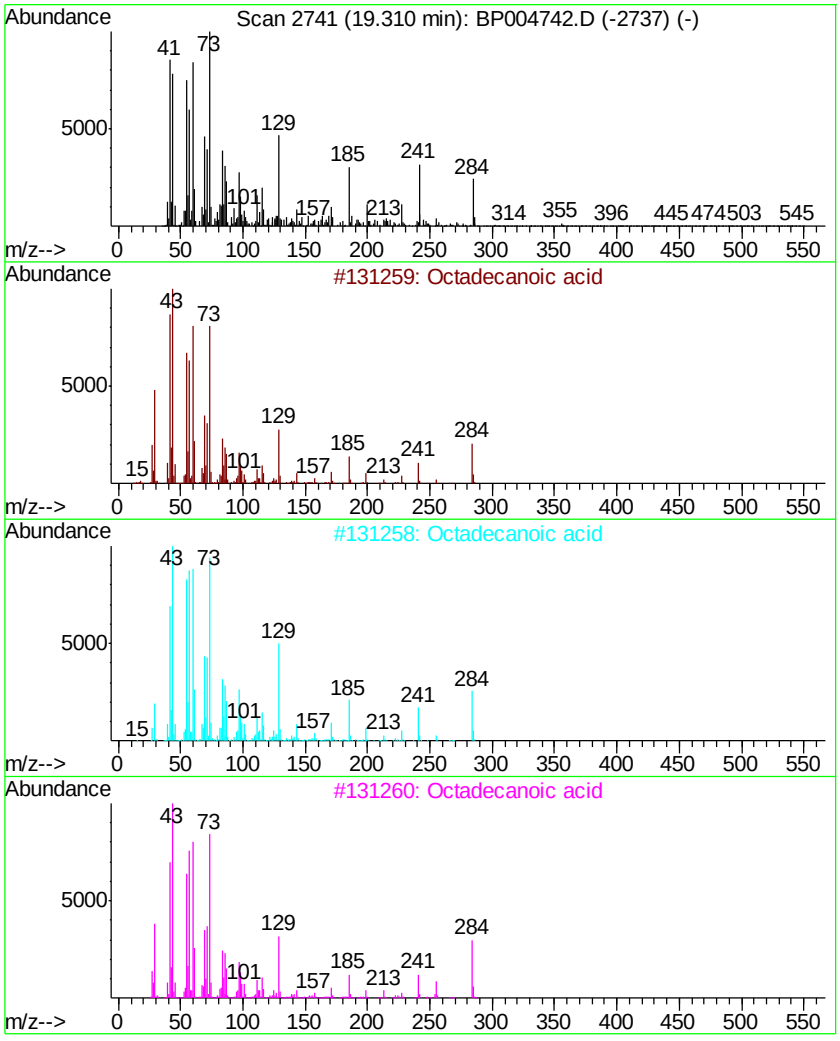
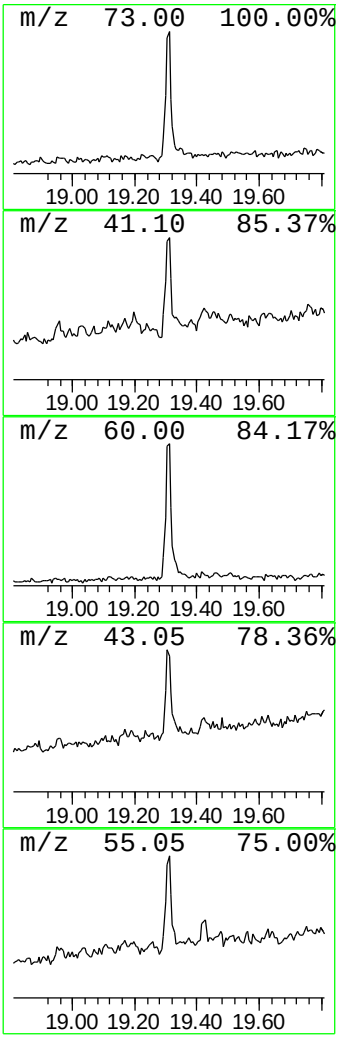
Peak Number 33 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	7.34 ng/ul	229528	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Data File : BP004742.D
Acq On : 15 Feb 2021 12:47
Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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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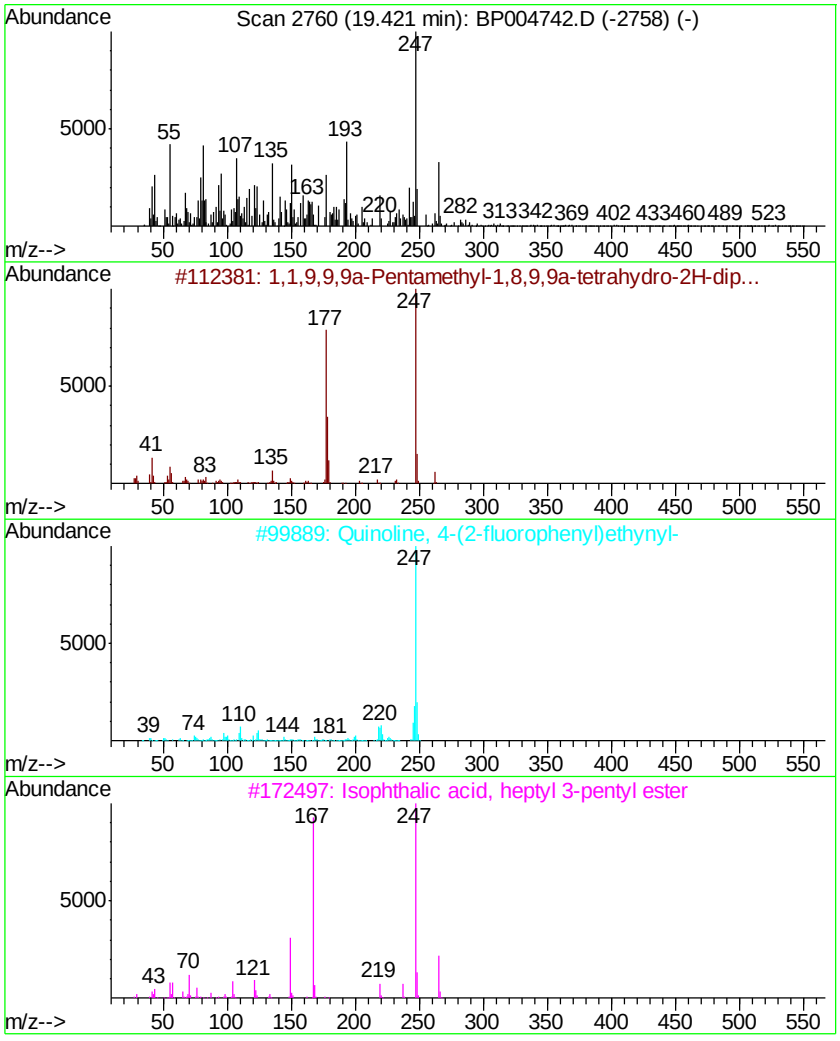
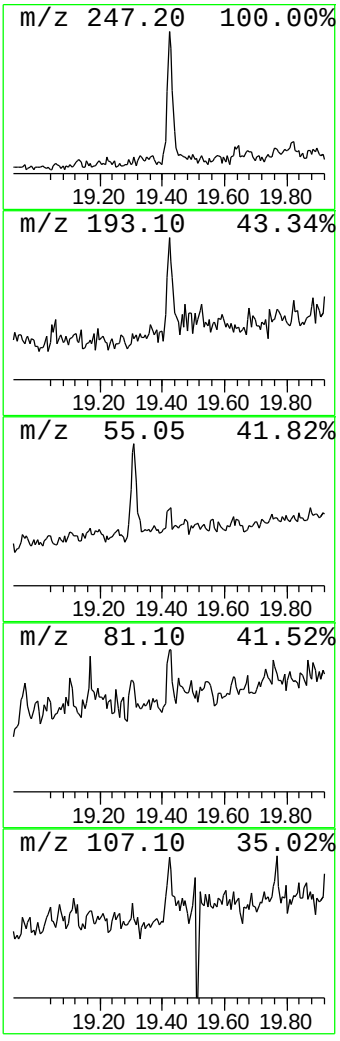
Peak Number 34 unknown-11 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.16 ng/ul	67672	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,9,9,9a-Pentamethyl-1,8,9,9a-...	262	C15H22N2O2	1000188-31-8	38
2	Quinoline, 4-(2-fluorophenyl)eth...	247	C17H10FN	1000268-24-9	27
3	Isophthalic acid, heptyl 3-pentyl...	334	C20H30O4	1000344-00-3	27
4	Propanenitrile, 3-[1-(3-diethyla...	262	C16H26N2O	1000271-09-5	27
5	2-Mercapto-4,8-dimethylpyrano[3,...	247	C12H9NO3S	084737-01-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021521\
Data File : BP004742.D
Acq On : 15 Feb 2021 12:47
Operator : CG/JU
Sample : M1349-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBGR7

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
Benzene, (1-methy...	6.27	3.8	ng/ul	58564	1	7.77	307630	20.0
2-Propanol, 1-but...	6.42	5.8	ng/ul	90024	1	7.77	307630	20.0
2-Propanol, 1-(2-...	7.36	5.7	ng/ul	87276	1	7.77	307630	20.0
2-Propanol, 1-(2-...	7.55	6.5	ng/ul	99258	1	7.77	307630	20.0
Hexanoic acid, 2,...	8.00	3.2	ng/ul	48605	1	7.77	307630	20.0
Bicyclo[2.2.1]hep...	9.28	2.8	ng/ul	51275	2	10.56	365096	20.0
1,3-Dimethyl-1-cy...	10.68	34.9	ng/ul	636711	2	10.56	365096	20.0
1-Cyclohexylethan...	11.39	6.0	ng/ul	109451	2	10.56	365096	20.0
Tetrahydropyran 1...	12.14	7.3	ng/ul	132711	2	10.56	365096	20.0
unknown-01	12.23	4.5	ng/ul	82248	2	10.56	365096	20.0
unknown-02	12.29	8.7	ng/ul	159420	2	10.56	365096	20.0
unknown-03	12.37	4.9	ng/ul	89914	2	10.56	365096	20.0
unknown-04	12.40	2.8	ng/ul	50966	2	10.56	365096	20.0
unknown-05	12.45	2.4	ng/ul	43840	2	10.56	365096	20.0
unknown-06	12.58	28.0	ng/ul	603624	3	14.42	431458	20.0
unknown-07	12.65	5.1	ng/ul	109717	3	14.42	431458	20.0
unknown-08	13.37	16.3	ng/ul	352236	3	14.42	431458	20.0
Diphenyl ether	13.50	1433.2	ng/ul	30918100	3	14.42	431458	20.0
3,5-Octadiene, 2,...	13.62	3.3	ng/ul	71113	3	14.42	431458	20.0
3-Methyl-2,3-dihy...	14.73	3.7	ng/ul	79152	3	14.42	431458	20.0
unknown-09	14.95	2.5	ng/ul	54506	3	14.42	431458	20.0
Phenol, 2-phenoxy-	14.98	4.2	ng/ul	89958	3	14.42	431458	20.0
exo-7-(trans-1-Pr...	16.39	2.8	ng/ul	63964	4	17.17	465769	20.0
Phenol, 4-phenoxy-	16.53	15.4	ng/ul	358150	4	17.17	465769	20.0
2,4a-Methanonapht...	16.57	10.7	ng/ul	248148	4	17.17	465769	20.0
unknown-10	16.99	2.5	ng/ul	57793	4	17.17	465769	20.0
Benzyl alcohol, ...	17.78	3.1	ng/ul	72162	4	17.17	465769	20.0
n-Hexadecanoic acid	18.07	12.2	ng/ul	283668	4	17.17	465769	20.0
Octadecanoic acid	19.31	7.3	ng/ul	229528	5	21.26	625278	20.0
unknown-11	19.42	2.2	ng/ul	67672	5	21.26	625278	20.0