LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

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_M\METHODS\SOM-EPA-BM092719MA.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	3.034	6	8	21	rVB	41980	77160	1.70%	0.161%
2	3.252	42	45	55	rVB	31276	50464	1.11%	0.105%
3	3.940	156	162	175	rVV4	61094	153169	3.38%	0.319%
4	4.128	190	194	205	rBV	90963	179554	3.96%	0.374%
5	4.663	272	285	296	rVV	94554	184967	4.08%	0.385%
6	4.763	296	302	304	rVV	32373	50982	1.12%	0.106%
7	4.793	304	307	316	rVB	41927	63091	1.39%	0.131%
8	5.228	373	381	389	rBV	58085	176251	3.89%	0.367%
9	5.304	390	394	399	rVB4	22944	44294	0.98%	0.092%
10	6.104	524	530	536	rBV	47745	92674	2.04%	0.193%
11	6.287	557	561	568	rVV	26153	42400	0.93%	0.088%
12	6.722	597	635	640	rBV	760947	4535740	100.00%	9.439%
13	6.792	641	647	654	rVB	223966	371224	8.18%	0.773%
14	6.940	666	672	682	rVB3	167115	363438	8.01%	0.756%
15	7.104	693	700	713	rBV2	447367	865273	19.08%	1.801%
16	7.304	727	734	741	rVV	496436	816356	18.00%	1.699%
17	7.551	771	776	784	rVV4	39630	98148	2.16%	0.204%
18	7.622	784	788	792	rVV2	26295	45699	1.01%	0.095%
19	7.687	792	799	806	rVB3	36707	75333	1.66%	0.157%
20	7.769	806	813	821	rBV	479136	782581	17.25%	1.629%
21	8.004	840	853	859	rBV4	105136	296962	6.55%	0.618%
22	8.057	859	862	870	rVB5	22572	43652	0.96%	0.091%
23	8.192	878	885	892	rBV8	46753	103270	2.28%	0.215%
24	8.469	922	932	937	rBV2	434897	908771	20.04%	1.891%
25	8.510	937	939	946	rVB2	98887	168137	3.71%	0.350%
26	8.586	946	952	958	rVB6	25328	51687	1.14%	0.108%
27	8.922	997	1009	1016	rBV	511932	924868	20.39%	1.925%
28	9.069	1025	1034	1039	rBV4	57307	115623	2.55%	0.241%
29	9.128	1039	1044	1047	rVV5	31096	65861	1.45%	0.137%
30	9.175	1048	1052	1065	rVB5	62783	156013	3.44%	0.325%
31	9.304	1067	1074	1079	rBV4	35847	70197	1.55%	0.146%
32	9.357	1079	1083	1088	rVB3	23041	36325	0.80%	0.076%
33	9.463	1096	1101	1110	rBV9	33000	83189	1.83%	0.173%
34	9.639	1125	1131	1140	rVB	447952	762075	16.80%	1.586%

LSC Area Percent Report

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

35	9.739	1140	1148	1153	rBV7	43561	115239	2.54%	0.240%
36	9.822	1158	1162	1172	rVB4	49535	116500	2.57%	0.242%
37	9.916	1172	1178	1182	rBV3	51764	89132	1.97%	0.185%
38	9.969	1182	1187	1195	rVB6	41379	81694	1.80%	0.170%
39	10.063	1195	1203	1206	rBV6	39915	112076	2.47%	0.233%
40	10.098	1206	1209	1215	rVB5	35394	64548	1.42%	0.134%
41	10.180	1215	1223	1228	rBV	688638	1190832	26.25%	2.478%
42	10.380	1248	1257	1265	rVB5	36921	108494	2.39%	0.226%
43	10.469	1265	1272	1277	rBV8	45947	112349	2.48%	0.234%
44	10.557	1281	1287	1296	rVB	604690	1064596	23.47%	2.216%
45	10.710	1306	1313	1320	rVB4	89361	182362	4.02%	0.380%
46	10.851	1332	1337	1344	rVB	99168	170687	3.76%	0.355%
47	10.975	1354	1358	1368	rVB8	42041	115552	2.55%	0.240%
48	11.057	1368	1372	1376	rBV4	29751	38813	0.86%	0.081%
49	11.110	1376	1381	1389	rVB3	54324	122550	2.70%	0.255%
50	11.192	1390	1395	1404	rBV3	33638	96994	2.14%	0.202%
51	11.286	1405	1411	1418	rBV2	57174	111856	2.47%	0.233%
52	11.380	1419	1427	1430	rBV5	60469	168500	3.71%	0.351%
53	11.433	1430	1436	1442	rVB3	197025	366209	8.07%	0.762%
54	11.545	1450	1455	1469	rVB3	43352	106661	2.35%	0.222%
55	11.775	1490	1494	1496	rBV3	32960	46974	1.04%	0.098%
56	11.886	1508	1513	1522	rBV3	56387	123500	2.72%	0.257%
57	11.986	1522	1530	1536	rVV5	68887	178447	3.93%	0.371%
58	12.045	1537	1540	1546	rVB6	33772	51146	1.13%	0.106%
59	12.133	1551	1555	1562	rVB6	35344	82284	1.81%	0.171%
60	12.263	1572	1577	1579	rBV5	22956	43395	0.96%	0.090%
61	12.380	1592	1597	1601	rBV5	48349	92775	2.05%	0.193%
62	12.480	1610	1614	1619	rVV2	136234	191089	4.21%	0.398%
63	12.533	1619	1623	1632	rVB6	86515	184229	4.06%	0.383%
64	12.610	1632	1636	1643	rVB8	56681	106392	2.35%	0.221%
65	12.798	1664	1668	1671	rBV3	69821	122047	2.69%	0.254%
66	12.998	1697	1702	1706	rBV2	159022	258377	5.70%	0.538%
67	13.157	1721	1729	1734	rBV7	61576	202418	4.46%	0.421%
68	13.533	1788	1793	1797	rBV4	69498	131928	2.91%	0.275%
69	13.639	1807	1811	1815	rBV4	103377	152244	3.36%	0.317%
70	13.780	1830	1835	1836	rBV3	67063	105470	2.33%	0.219%
71	13.816	1836	1841	1846	rVV	1162230	1516929	33.44%	3.157%

LSC Area Percent Report

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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

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_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	13.863	1846	1849	1853	rVV	141331	165737	3.65%	0.345%
73	14.039	1875	1879	1883	rBV	190370	290620	6.41%	0.605%
74	14.098	1883	1889	1897	rVV	1281951	1996877	44.03%	4.156%
75	14.168	1898	1901	1905	rVB2	72457	93812	2.07%	0.195%
76	14.227	1906	1911	1917	rVB2	227947	358670	7.91%	0.746%
77	14.304	1920	1924	1932	rVV2	128234	253938	5.60%	0.528%
78	14.404	1936	1941	1950	rVB	921960	1435217	31.64%	2.987%
79	14.604	1972	1975	1981	rVB	136522	196465	4.33%	0.409%
80	14.763	1999	2002	2007	rVB2	140535	187452	4.13%	0.390%
81	15.221	2077	2080	2084	rVB	123740	158051	3.48%	0.329%
82	15.398	2105	2110	2115	rVB	1674498	2365724	52.16%	4.923%
83	15.515	2125	2130	2135	rBV	575787	803877	17.72%	1.673%
84	15.951	2200	2204	2214	rVB	323287	501690	11.06%	1.044%
85	16.439	2284	2287	2291	rVB3	132646	152389	3.36%	0.317%
86	17.145	2402	2407	2418	rBV2	954871	1391871	30.69%	2.897%
87	17.245	2419	2424	2435	rVB	1750275	2545364	56.12%	5.297%
88	17.939	2538	2542	2546	rBV	184808	288074	6.35%	0.600%
89	18.056	2557	2562	2573	rBV	1219224	1690576	37.27%	3.518%
90	19.333	2776	2779	2792	rVB	256297	427704	9.43%	0.890%
91	19.539	2809	2814	2819	rBV	2141799	2909020	64.14%	6.054%
92	19.586	2819	2822	2827	rVB	155187	195483	4.31%	0.407%
93	21.039	3064	3069	3079	rBV2	655065	1206977	26.61%	2.512%
94	21.333	3114	3119	3123	rBV	1203019	1524162	33.60%	3.172%
95	21.492	3143	3146	3150	rBV	108617	114953	2.53%	0.239%
96	21.927	3217	3220	3225	rVB	141703	177409	3.91%	0.369%
97	22.391	3296	3299	3303	rVB	178103	208303	4.59%	0.434%
98	22.897	3383	3385	3391	rVB	188097	244032	5.38%	0.508%
99	23.438	3470	3477	3489	rVB	1725848	3474328	76.60%	7.230%
100	23.580	3495	3501	3512	rVB	926060	1711824	37.74%	3.562%

Sum of corrected areas: 48051315

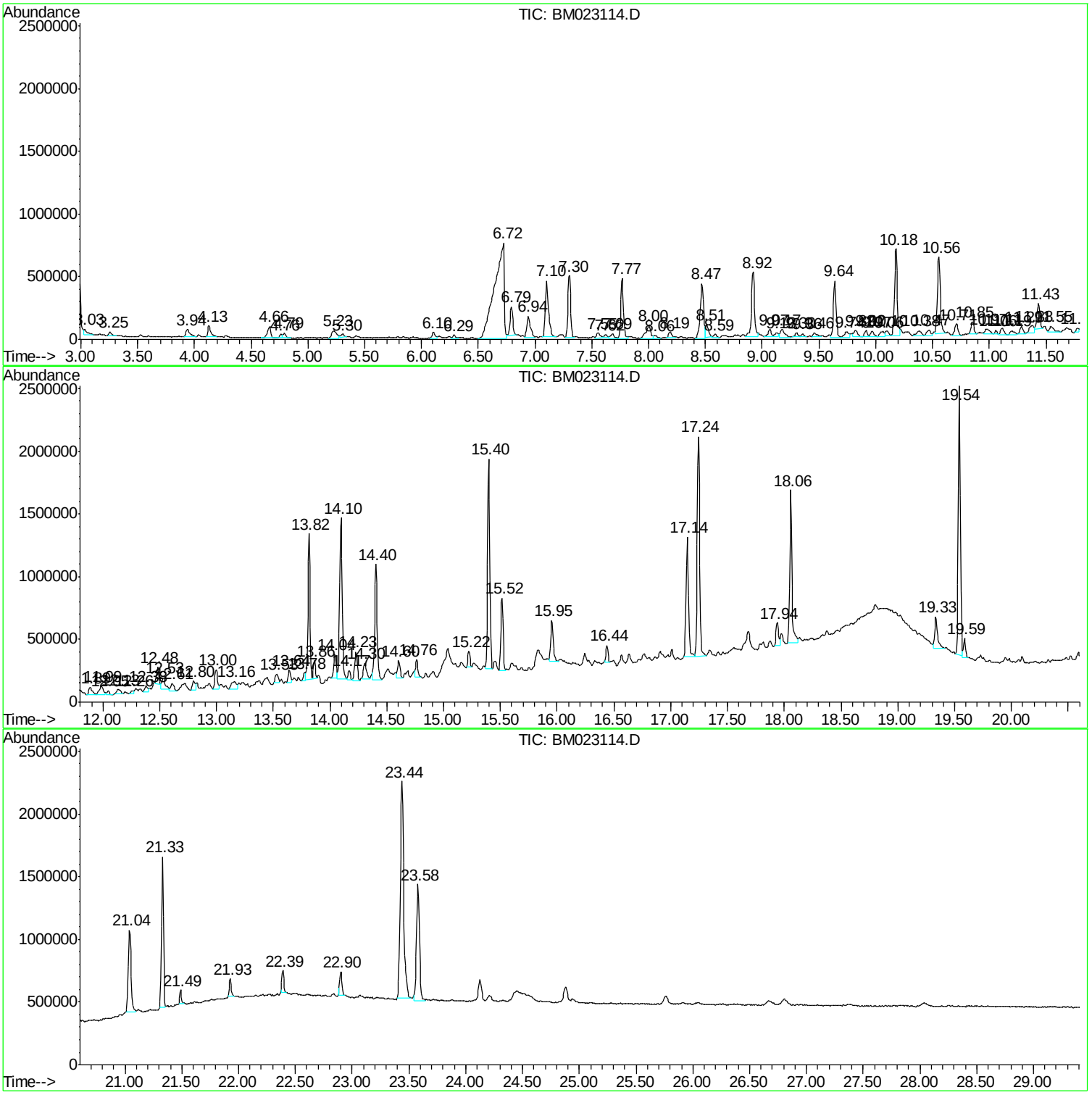
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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 M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

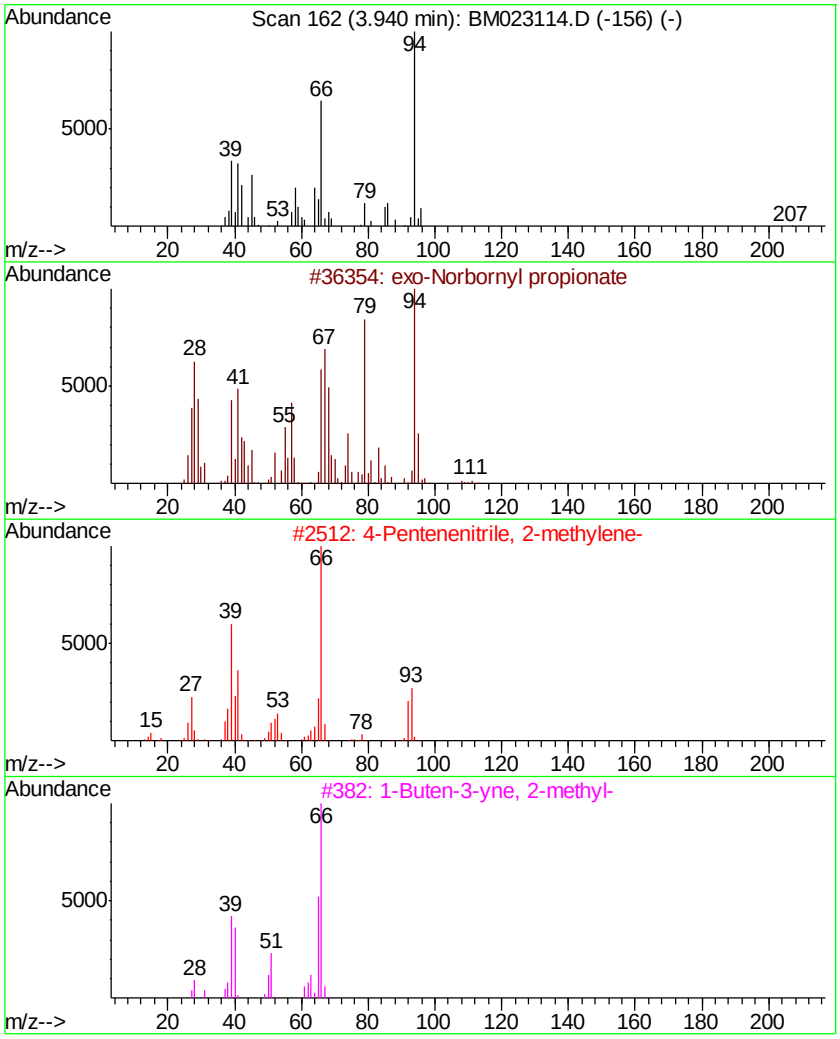
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

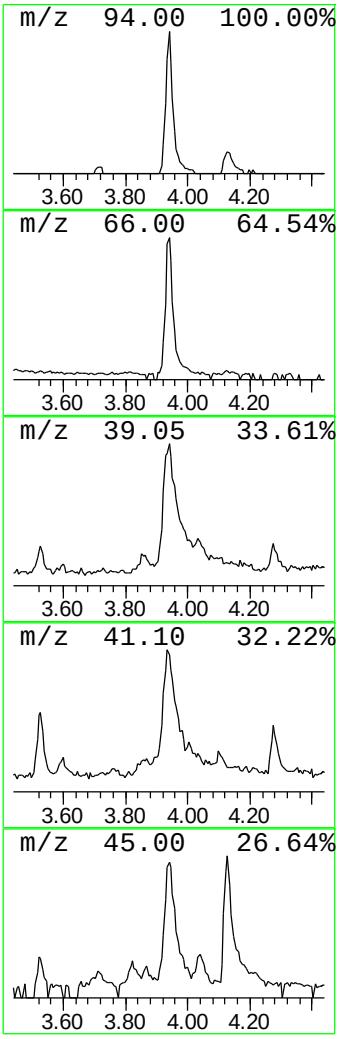
****

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	3.91 ng/ul	153169	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	exo-Norbornyl propionate	168	C10H16O2	1000245-87-0	42
2	4-Pentenenitrile, 2-methylene-	93	C6H7N	028769-50-8	35
3	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	25
4	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	25
5	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

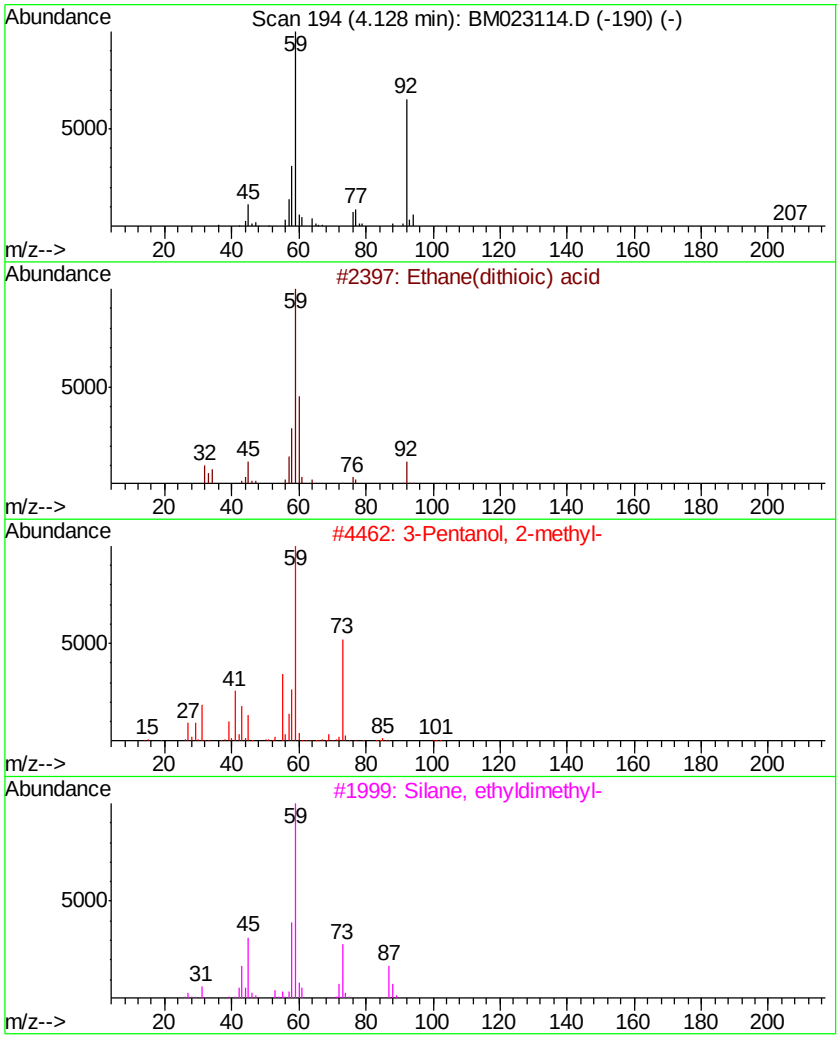
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

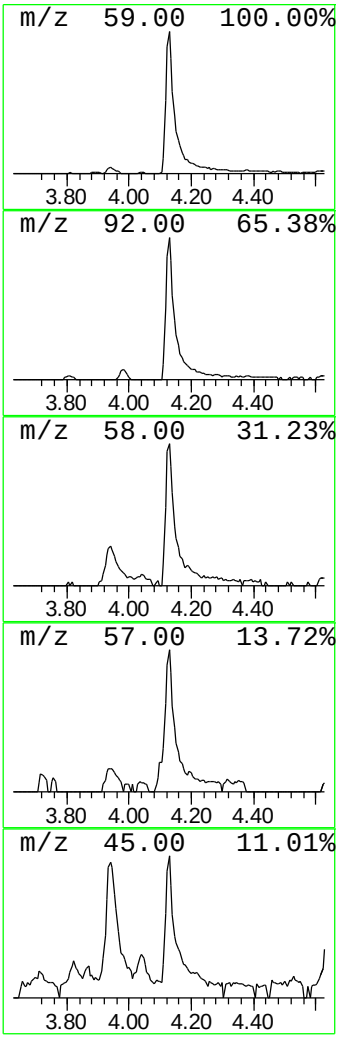
****

Peak Number 2 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	4.59 ng/ul	179554	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane(dithioic) acid	92	C2H4S2	000594-03-6	45
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	28
4	Butane, 2-methoxy-	88	C5H12O	006795-87-5	9
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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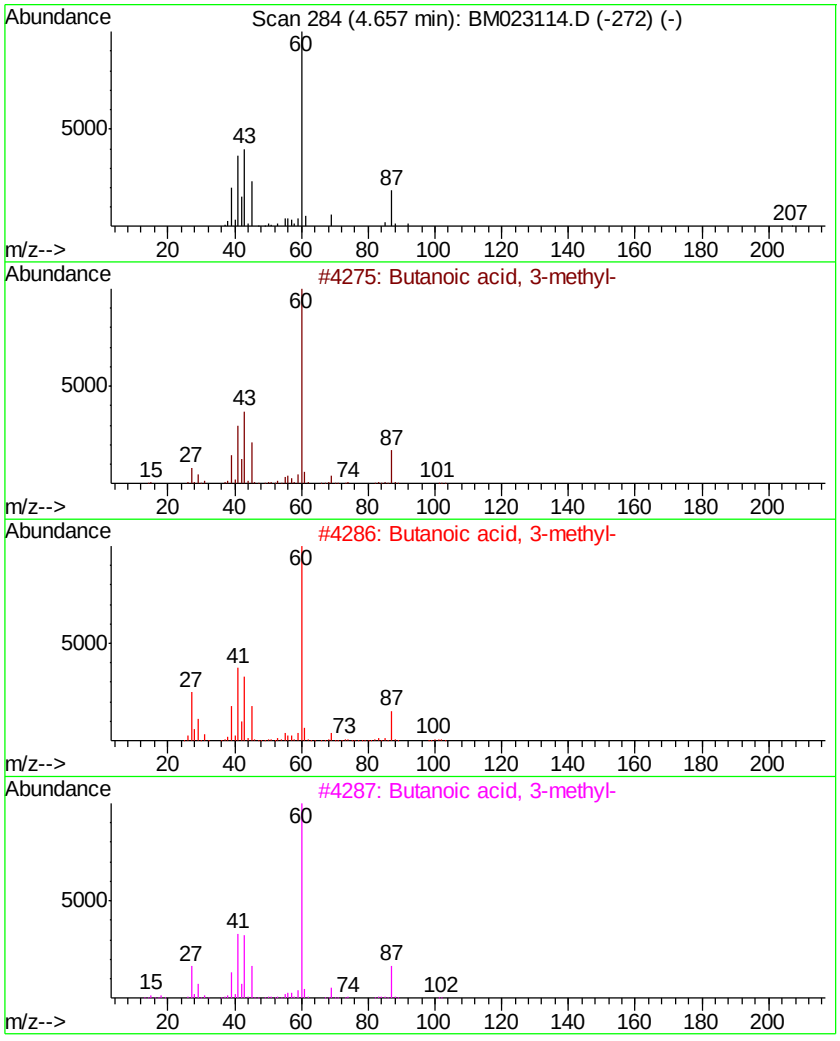
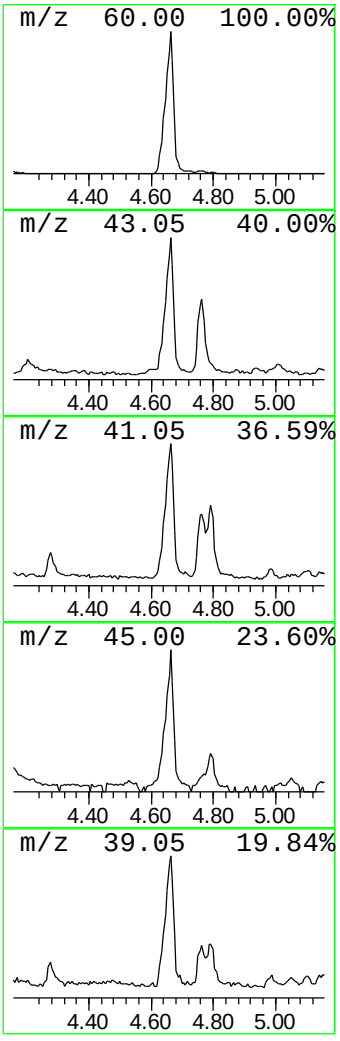
Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	4.73 ng/ul	184967	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	56
4	Formic acid hydrazide	60	CH4N2O	000624-84-0	50
5	Hexanoic acid	116	C6H12O2	000142-62-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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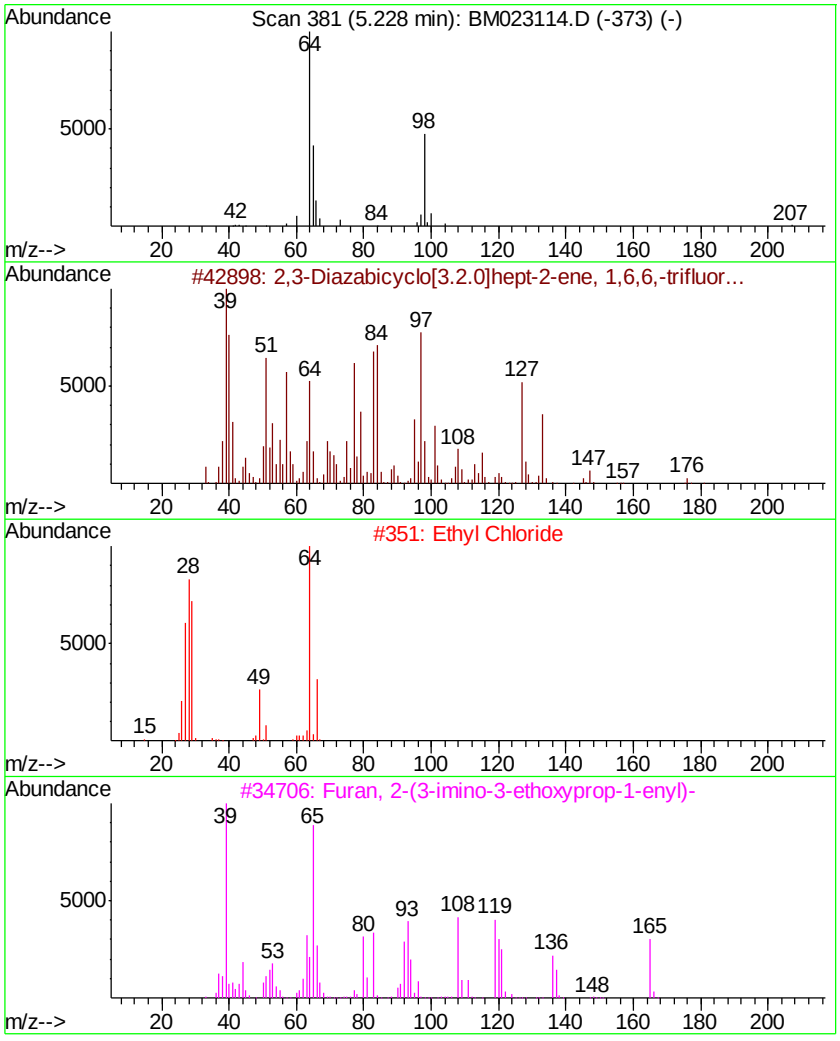
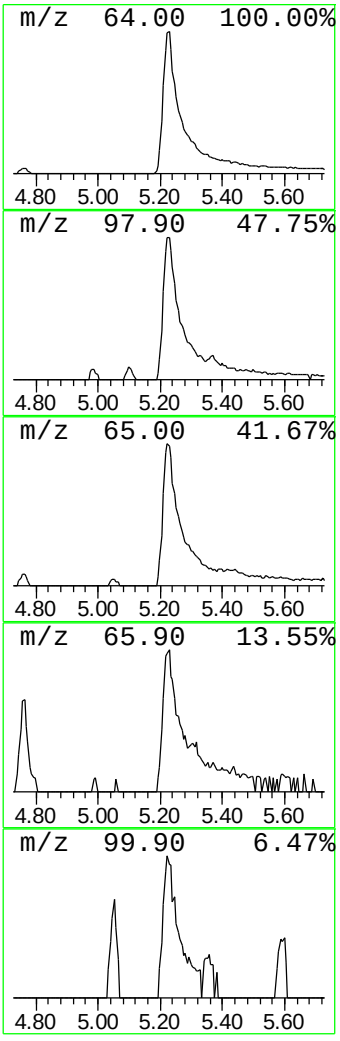
Peak Number 4 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	4.50 ng/ul	176251	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Diazabicyclo[3.2.0]hept-2-en...	176	C7H7F3N2	1000258-92-2	9
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	Furan, 2-(3-imino-3-ethoxyprop-1...	165	C9H11NO2	036878-63-4	4
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
5	Sulfur dioxide	64	O2S	007446-09-5	3





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

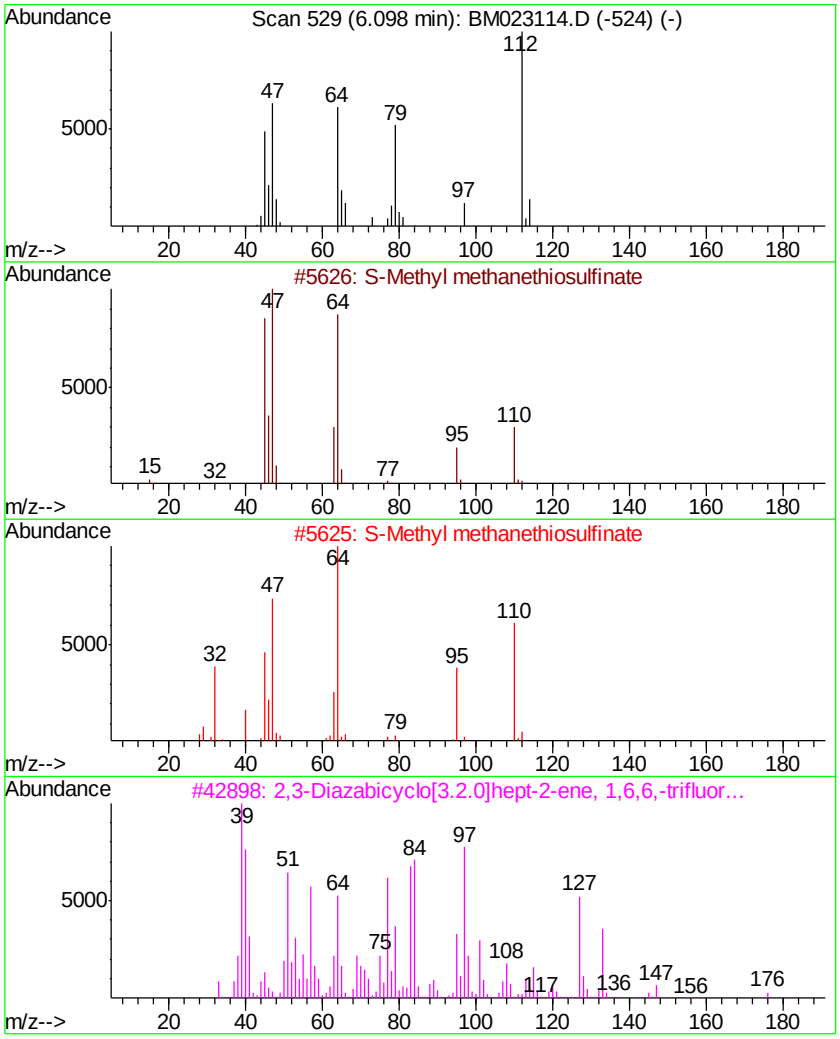
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

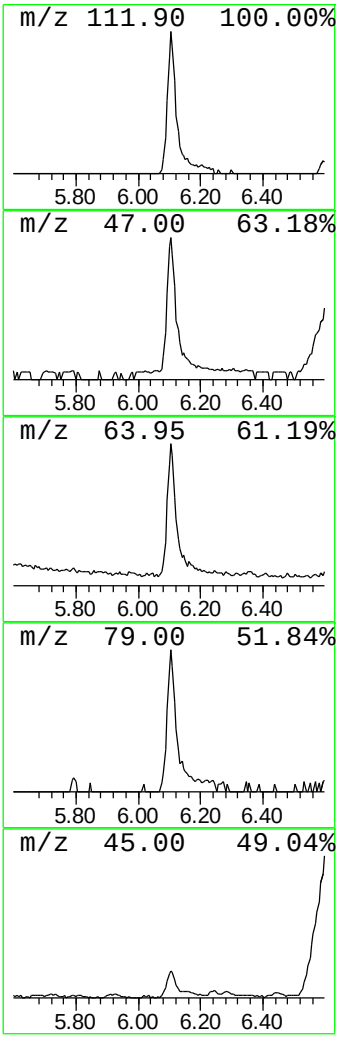
****

Peak Number 5 unknown-04 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	2.37 ng/ul	92674	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Methyl methanethiosulfinate	110	C2H6OS2	013882-12-7	47
2	S-Methyl methanethiosulfinate	110	C2H6OS2	013882-12-7	38
3	2,3-Diazabicyclo[3.2.0]hept-2-en...	176	C7H7F3N2	1000258-92-2	27
4	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	23
5	(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	23





Library Search Compound Report

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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
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Instrument : BNA_M
ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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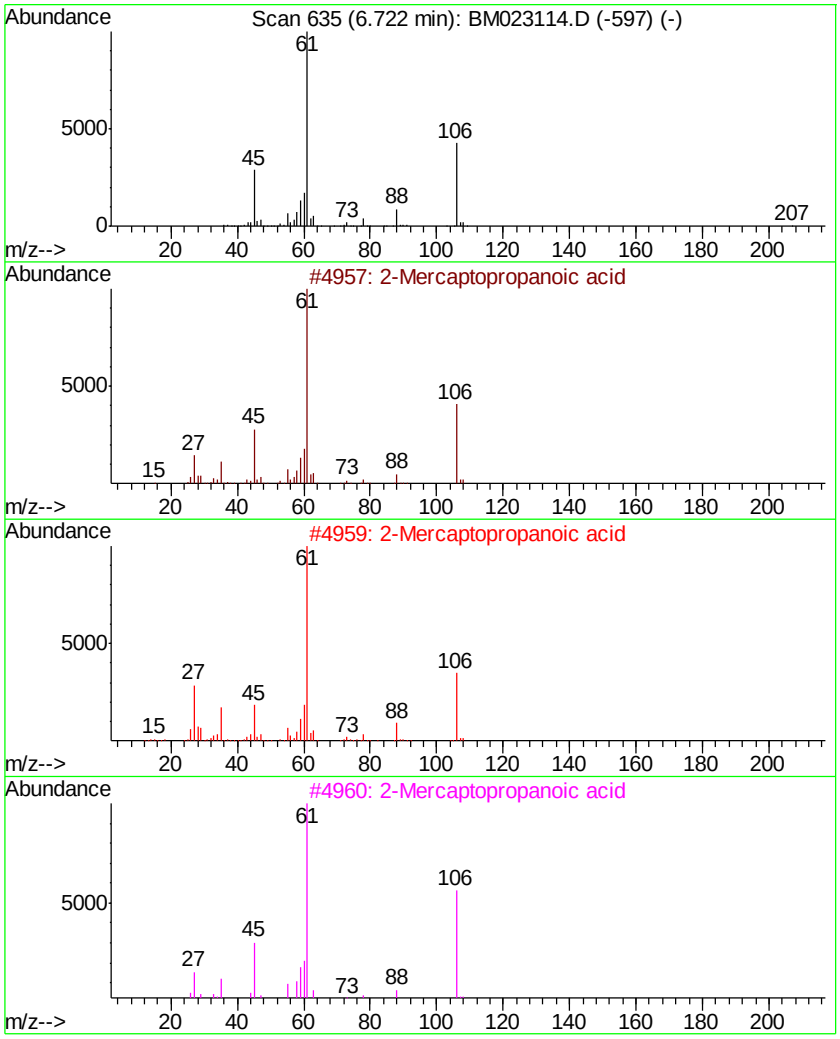
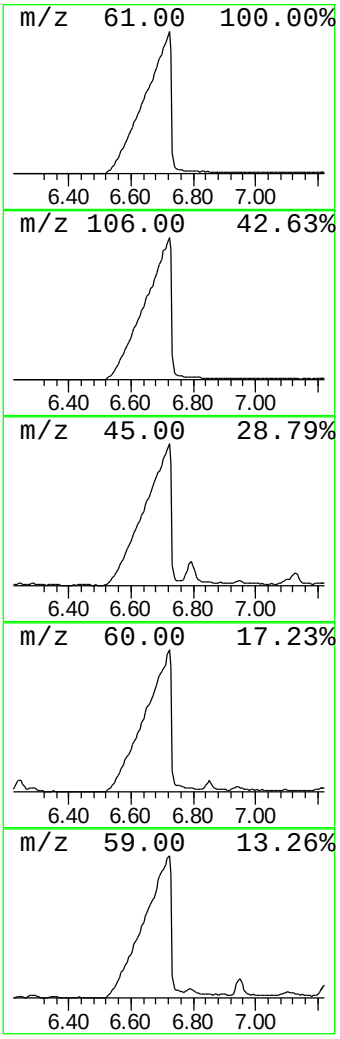
Peak Number 6 2-Mercaptopropanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	115.92 ng/ul	4535740	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptopropanoic acid	106	C3H6O2S	000079-42-5	91
2	2-Mercaptopropanoic acid	106	C3H6O2S	000079-42-5	90
3	2-Mercaptopropanoic acid	106	C3H6O2S	000079-42-5	70
4	Erythritol	122	C4H10O4	000149-32-6	33
5	Erythritol	122	C4H10O4	000149-32-6	33





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Sample : K5058-09
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Instrument : BNA_M
ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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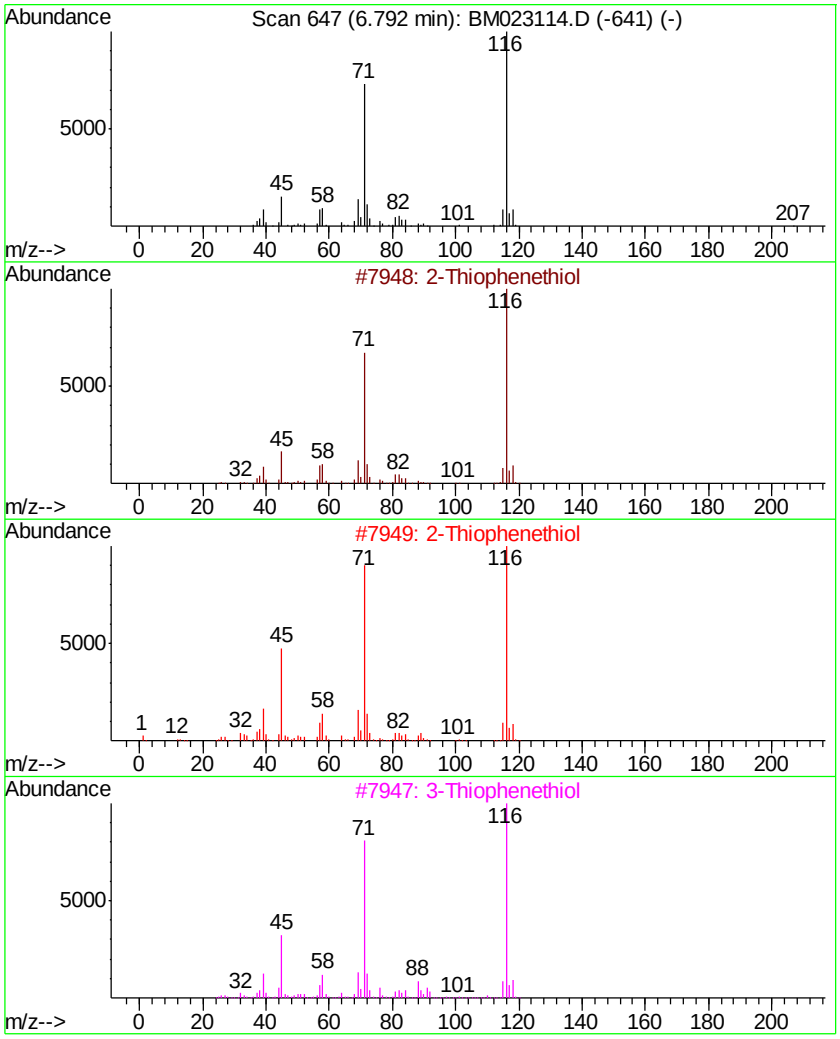
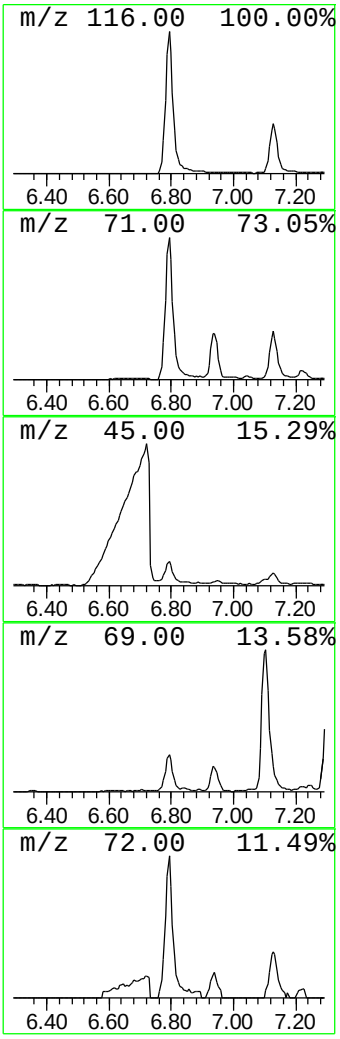
Peak Number 7 2-Thiophenethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	9.49 ng/ul	371224	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenethiol	116	C4H4S2	007774-74-5	97
2	2-Thiophenethiol	116	C4H4S2	007774-74-5	90
3	3-Thiophenethiol	116	C4H4S2	007774-73-4	87
4	4-Imidazolidinone, 2-thioxo-	116	C3H4N2OS	000503-87-7	43
5	2-(Dimethyl)amino-2-methylpropan...	161	C8H19NO2	1000378-70-9	28





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Instrument : BNA_M
ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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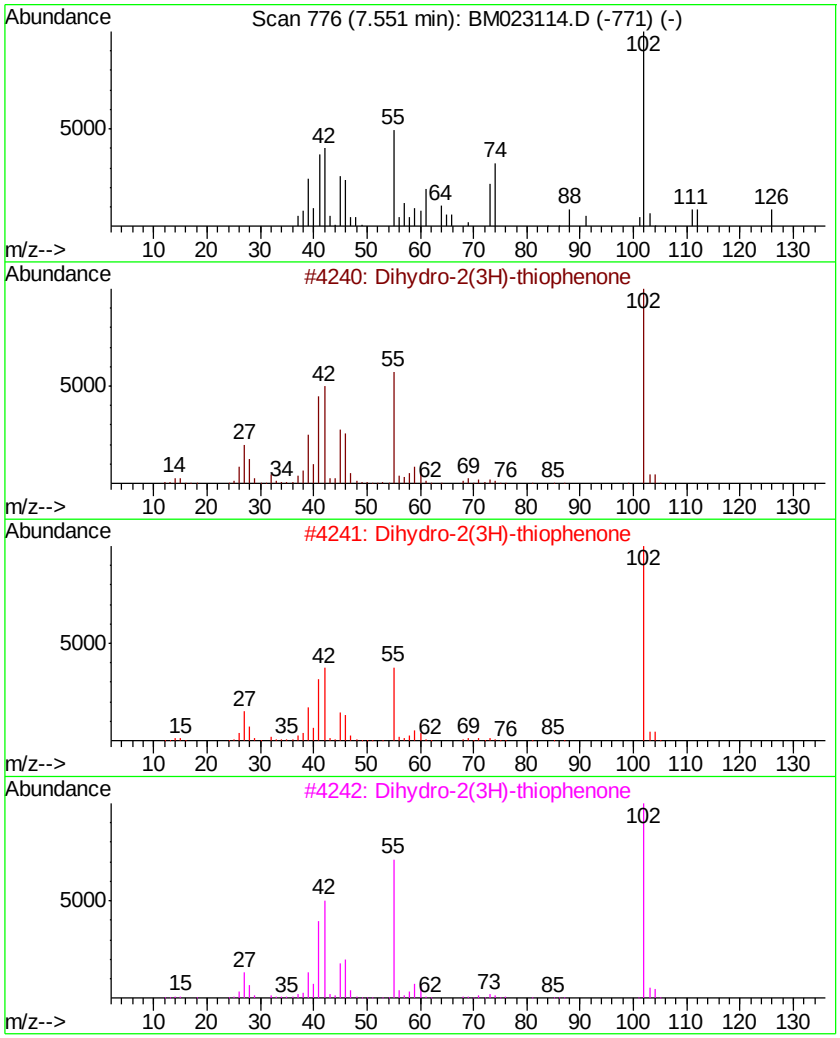
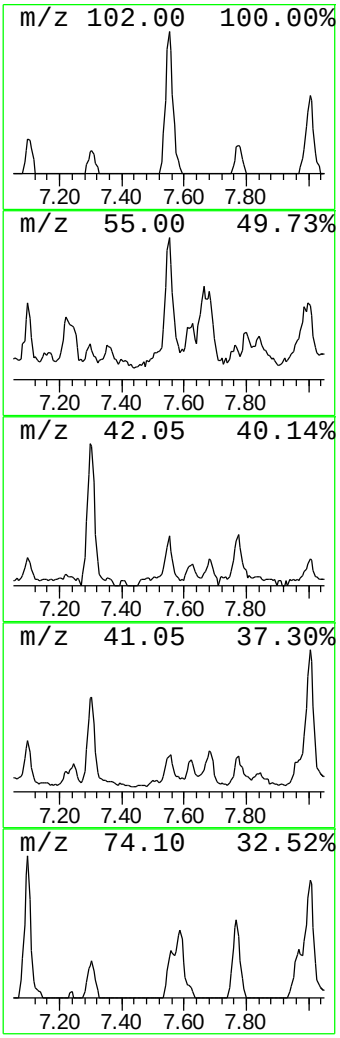
Peak Number 8 Dihydro-2(3H)-thiophenone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.51 ng/ul	98148	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydro-2(3H)-thiophenone	102	C4H6OS	001003-10-7	64
2	Dihydro-2(3H)-thiophenone	102	C4H6OS	001003-10-7	52
3	Dihydro-2(3H)-thiophenone	102	C4H6OS	001003-10-7	49
4	2-Imidazolidinethione	102	C3H6N2S	000096-45-7	43
5	2-Imidazolidinethione	102	C3H6N2S	000096-45-7	43





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Quant Title : SVOA CALIBRATION

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

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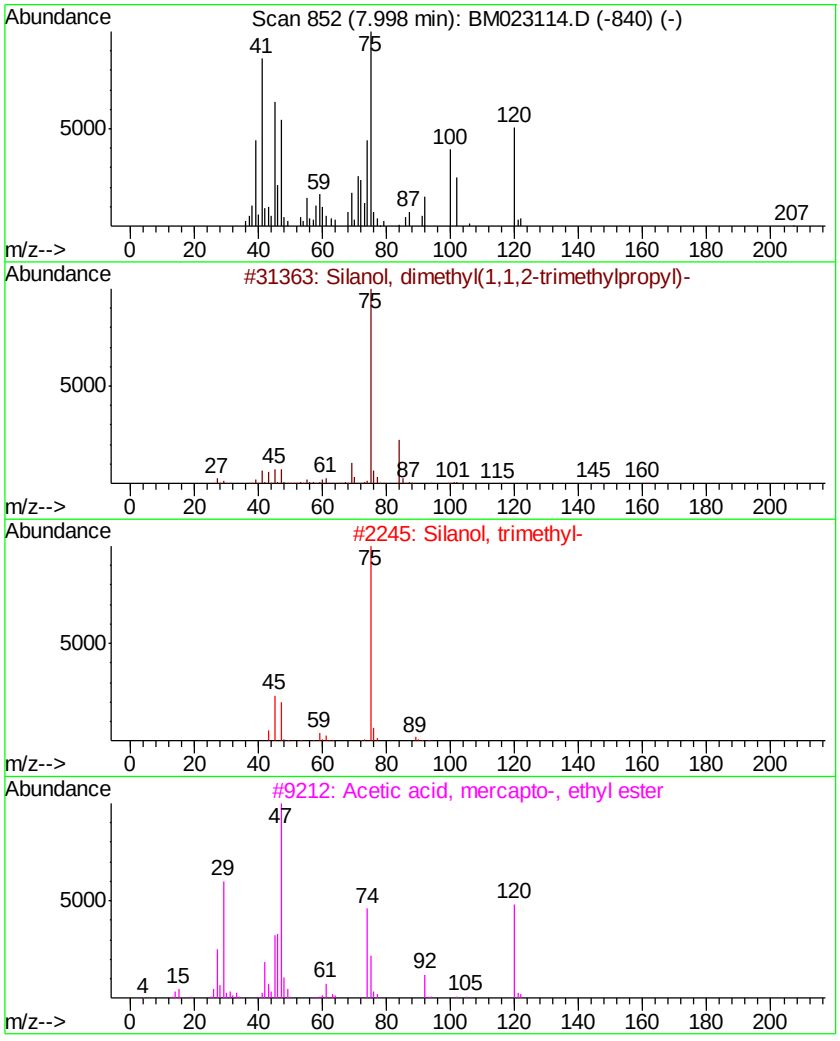
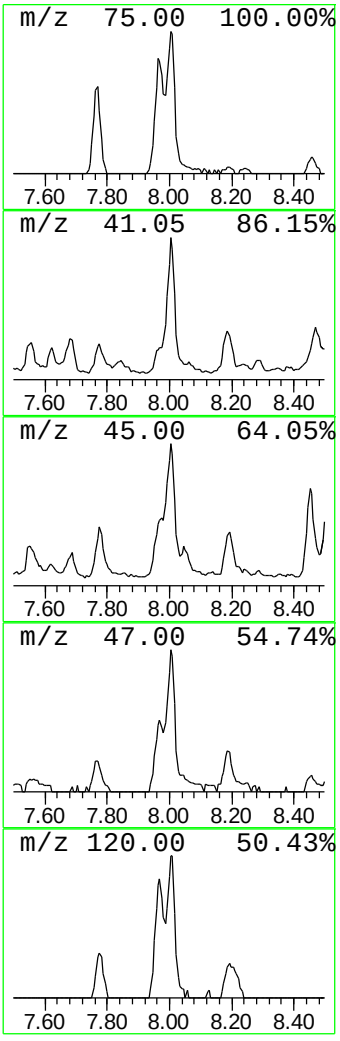
Peak Number 9 unknown-05 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	7.59 ng/ul	296962	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	43
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	38
3	Acetic acid, mercapto-, ethyl ester	120	C4H8O2S	000623-51-8	37
4	Triethylsilanol	132	C6H16OSi	000597-52-4	37
5	Ethane, 1,1-bis(methylthio)-	122	C4H10S2	007379-30-8	37





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Quant Title : SVOA CALIBRATION

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

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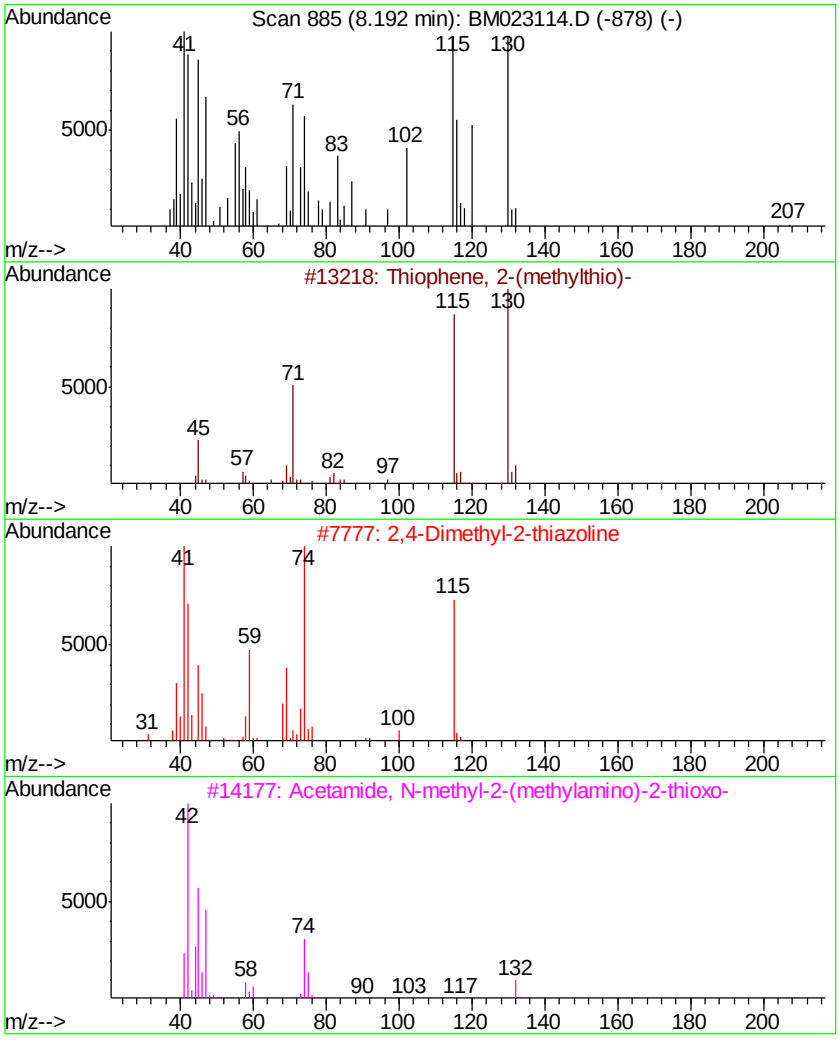
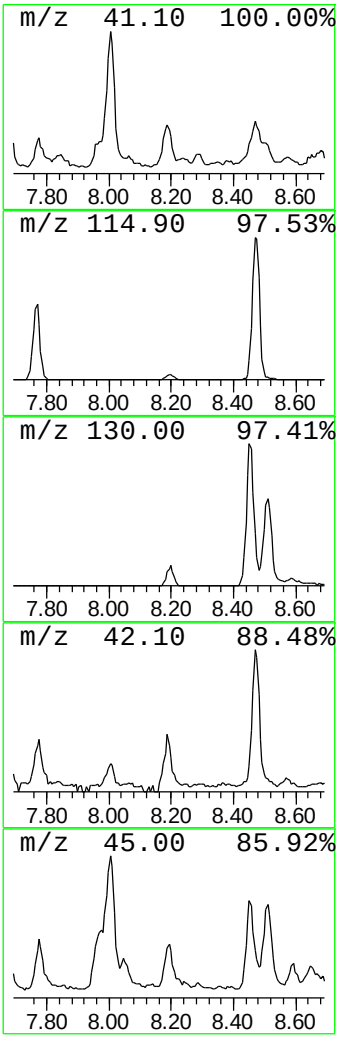
Peak Number 10 unknown-06 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.64 ng/ul	103270	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(methylthio)-	130	C5H6S2	005780-36-9	38
2	2,4-Dimethyl-2-thiazoline	115	C5H9NS	006114-40-5	27
3	Acetamide, N-methyl-2-(methylami...	132	C4H8N2OS	038762-37-7	27
4	3(2H)-Thiophenone, 2-ethyldihydro-	130	C6H10OS	052662-38-1	22
5	2-Thiazoline, 2-amino-4-imino-	115	C3H5N3S	026246-29-7	22





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Quant Title : SVOA CALIBRATION

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

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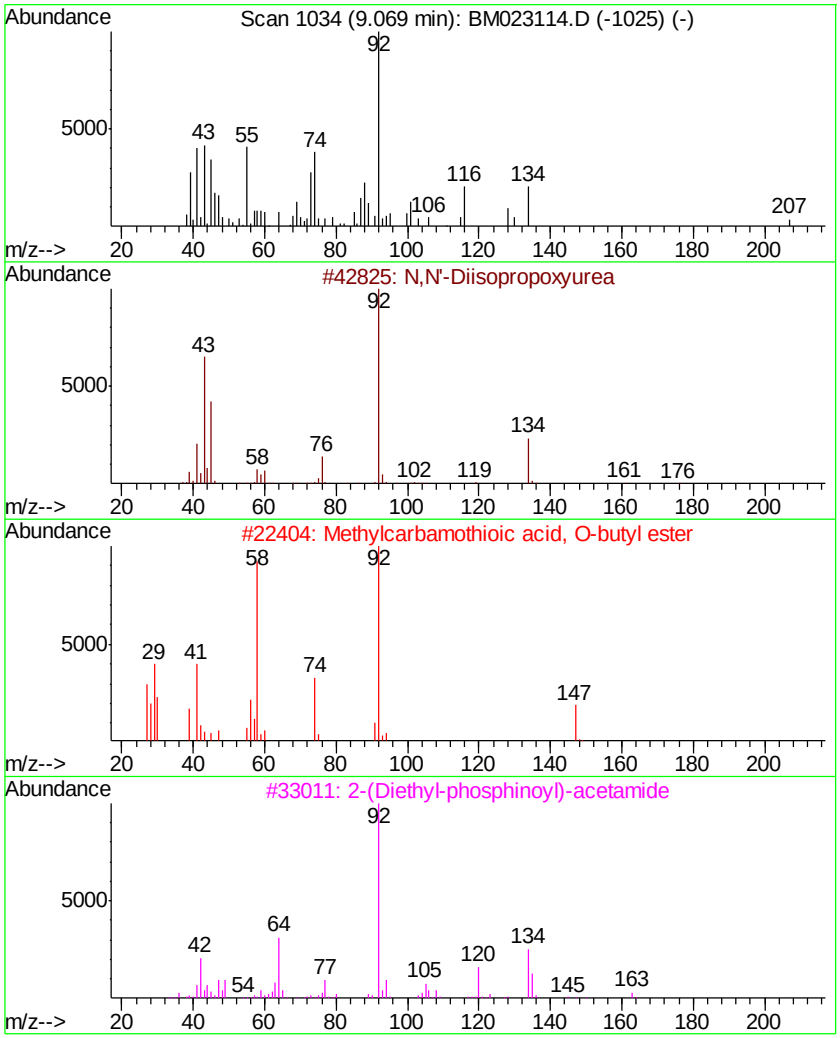
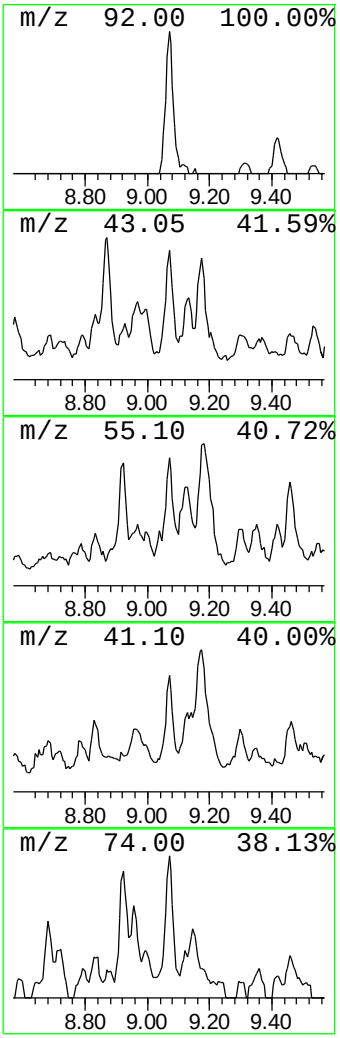
Peak Number 11 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.95 ng/ul	115623	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N'-Diisopropoxyurea	176	C7H16N2O3	1000305-90-2	27
2	Methylcarbamothioic acid, O-butyl...	147	C6H13NOS	006884-86-2	23
3	2-(Diethyl-phosphinoyl)-acetamide	163	C6H14NO2P	013298-22-1	17
4	(CH3)2CHSC(O)OCH3	134	C5H10O2S	038103-97-8	12
5	Urea, butyl-	116	C5H12N2O	000592-31-4	9





Library Search Compound Report

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Operator : JU
Sample : K5058-09
Misc :
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Instrument : BNA_M
ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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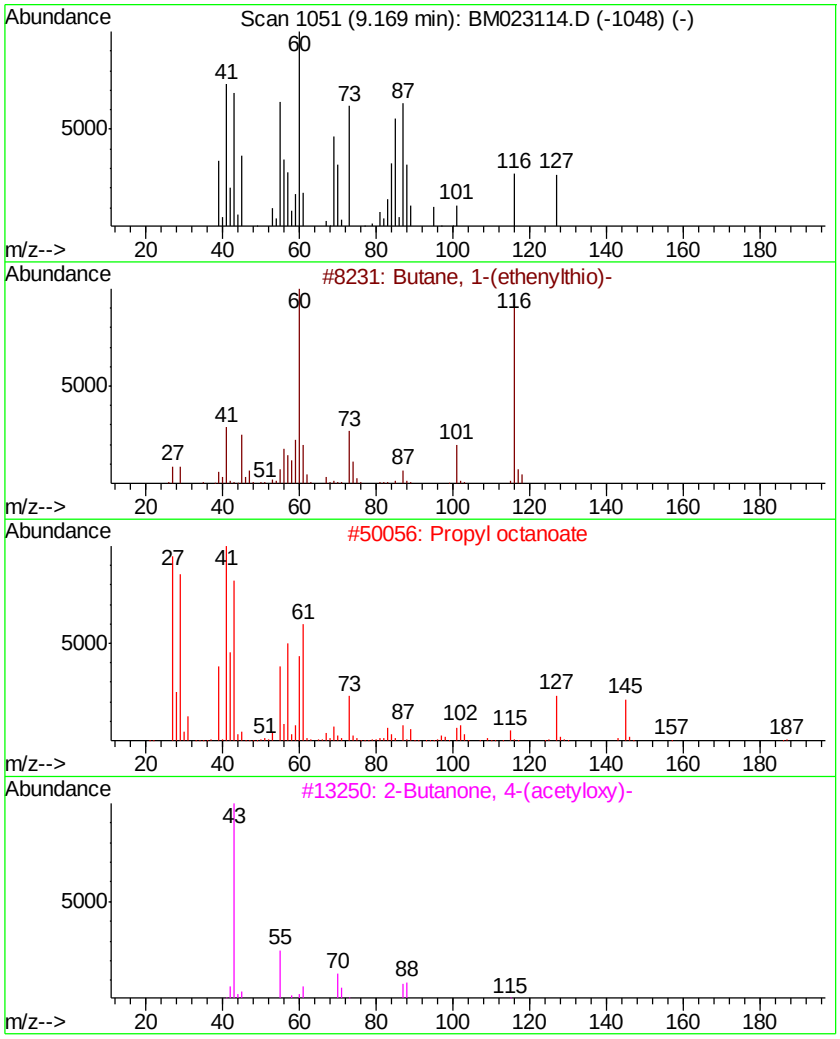
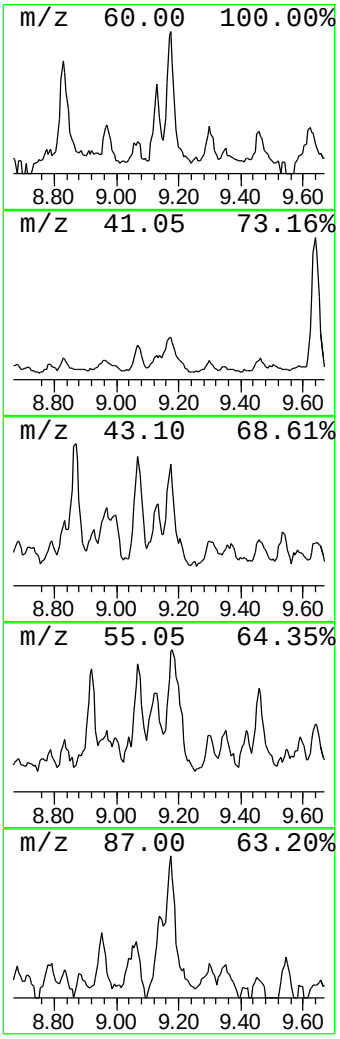
Peak Number 12 unknown-08 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.93 ng/ul	156013	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-(ethenylthio)-	116	C6H12S	004789-70-2	27
2	Propyl octanoate	186	C11H22O2	000624-13-5	25
3	2-Butanone, 4-(acetyloxy)-	130	C6H10O3	010150-87-5	14
4	Crotonaldehyde, semicarbazone	127	C5H9N3O	005316-14-3	11
5	1-[N-Aziridyl]propane-2-thiol	117	C5H11NS	1000255-07-5	10





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Quant Title : SVOA CALIBRATION

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

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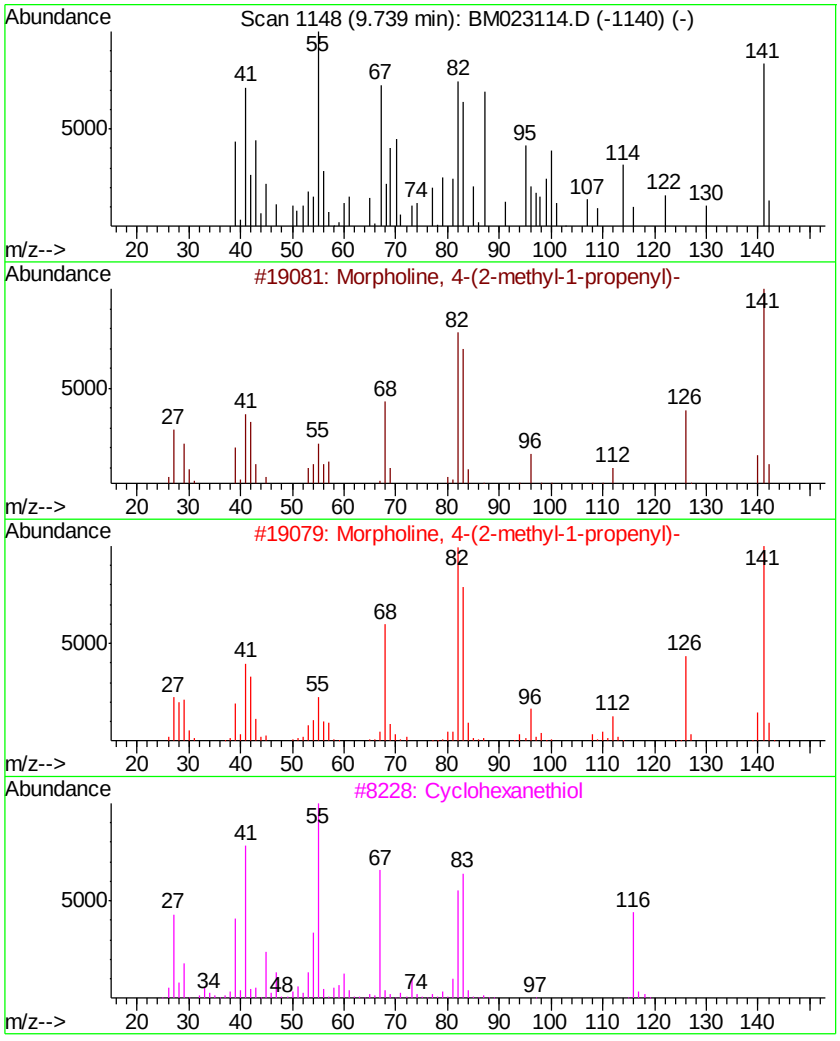
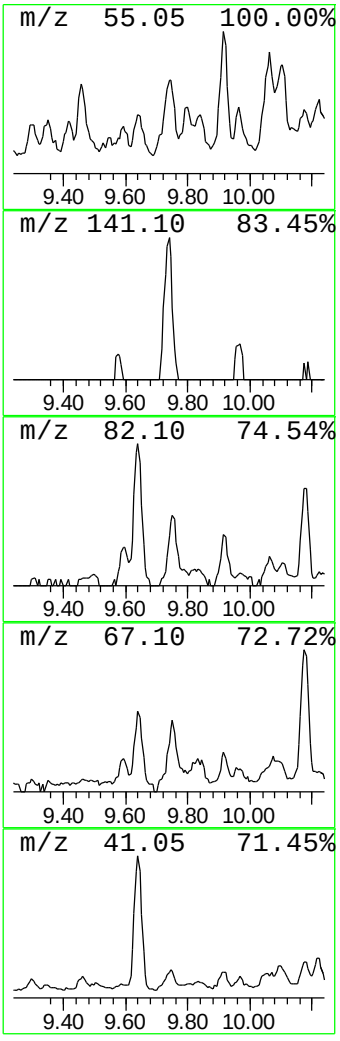
Peak Number 13 unknown-09 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	2.16 ng/ul	115239	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-(2-methyl-1-propen...	141	C8H15NO	002403-55-6	46
2	Morpholine, 4-(2-methyl-1-propen...	141	C8H15NO	002403-55-6	38
3	Cyclohexanethiol	116	C6H12S	001569-69-3	35
4	6-Hydroxyhexahydrocyclopenta[b]f...	142	C7H10O3	1000210-24-8	35
5	2,4(1H,3H)-Pyrimidinedione, 6-am...	141	C5H7N3O2	002434-53-9	27





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Quant Title : SVOA CALIBRATION

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

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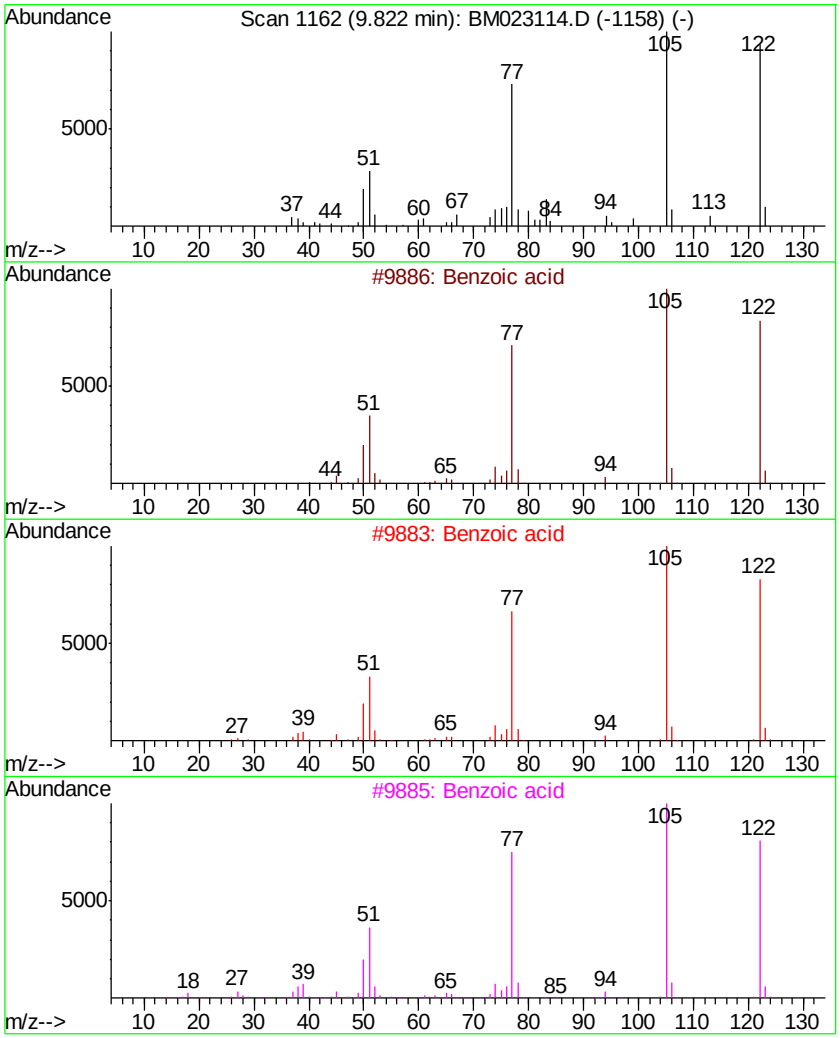
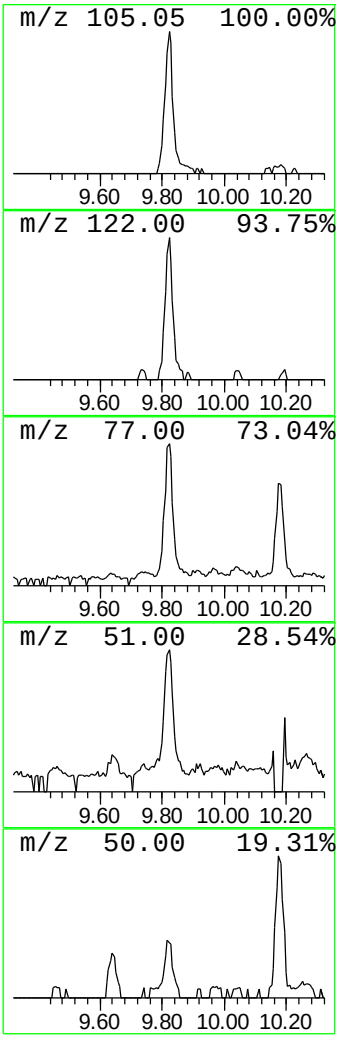
Peak Number 14 Benzoic acid Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.19 ng/ul	116500	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	95
2	Benzoic acid	122	C7H6O2	000065-85-0	91
3	Benzoic acid	122	C7H6O2	000065-85-0	90
4	Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	90
5	Benzoic acid	122	C7H6O2	000065-85-0	87





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Quant Title : SVOA CALIBRATION

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

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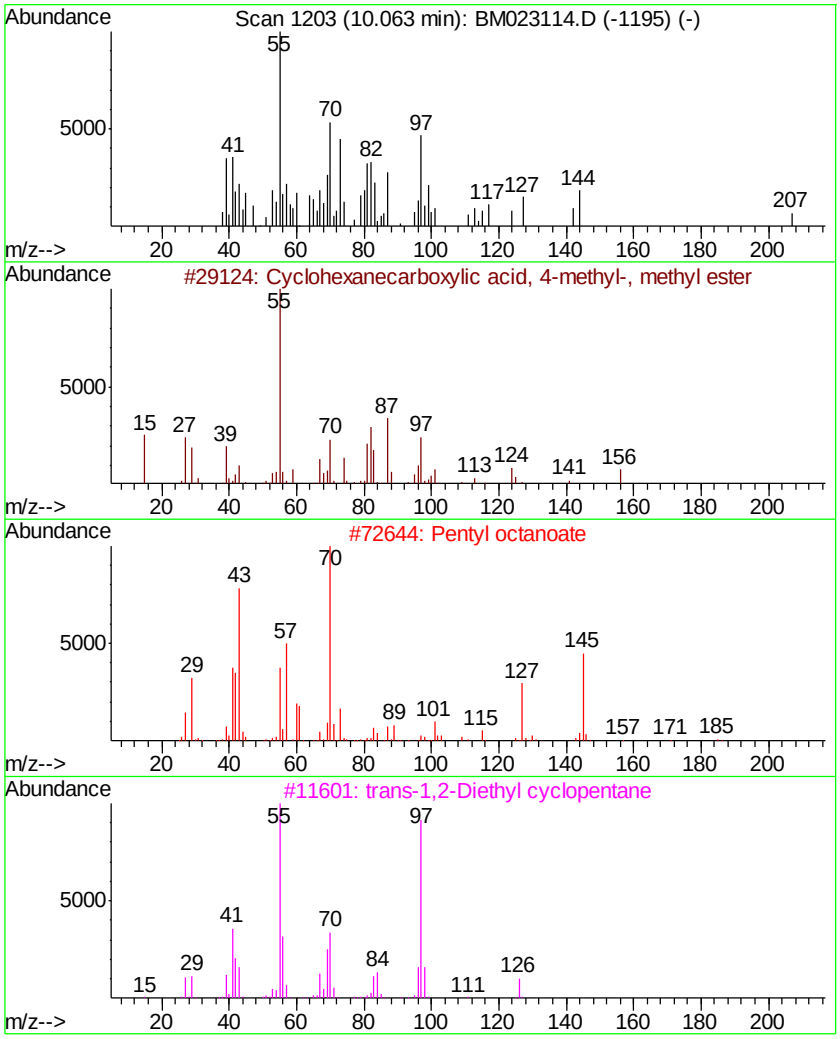
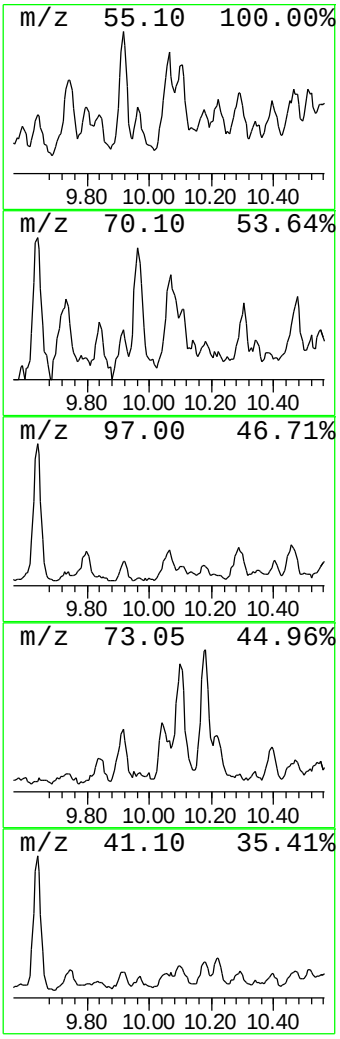
Peak Number 15 unknown-10 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.11 ng/ul	112076	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-me...	156	C9H16O2	051181-40-9	22
2	Pentyl octanoate	214	C13H26O2	000638-25-5	14
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	14
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	11
5	Cyclohexanecarboxylic acid, meth...	142	C8H14O2	004630-82-4	11





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Quant Title : SVOA CALIBRATION

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

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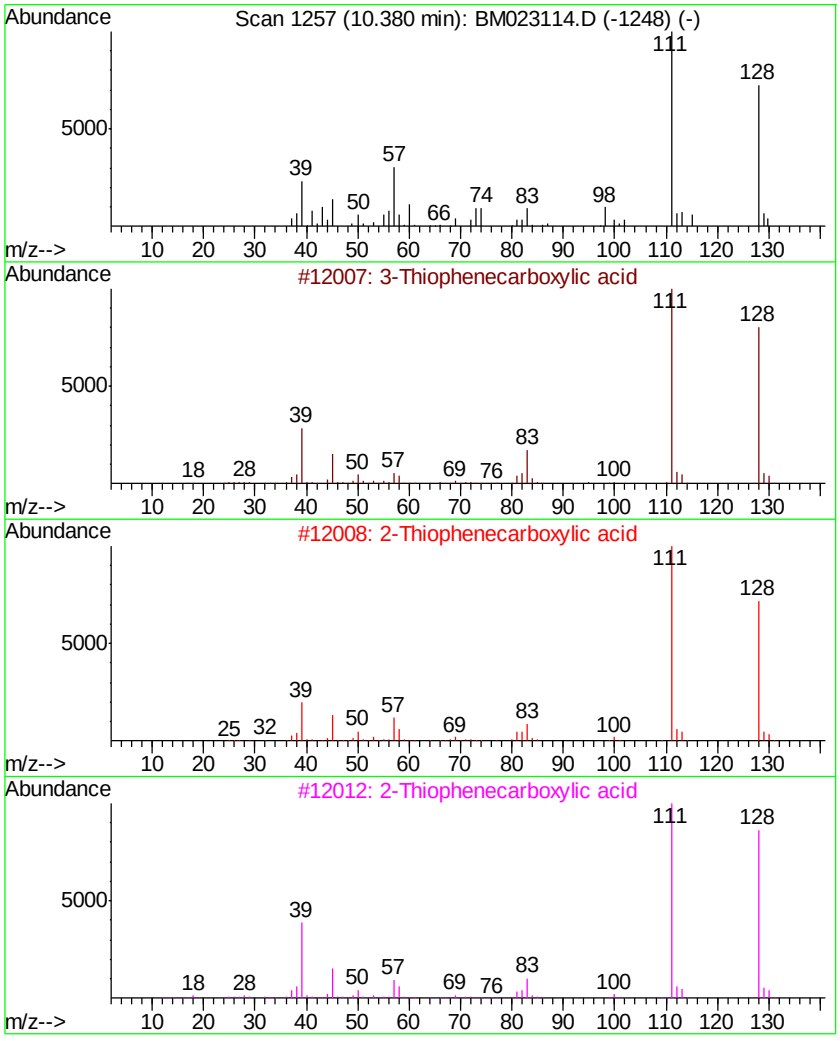
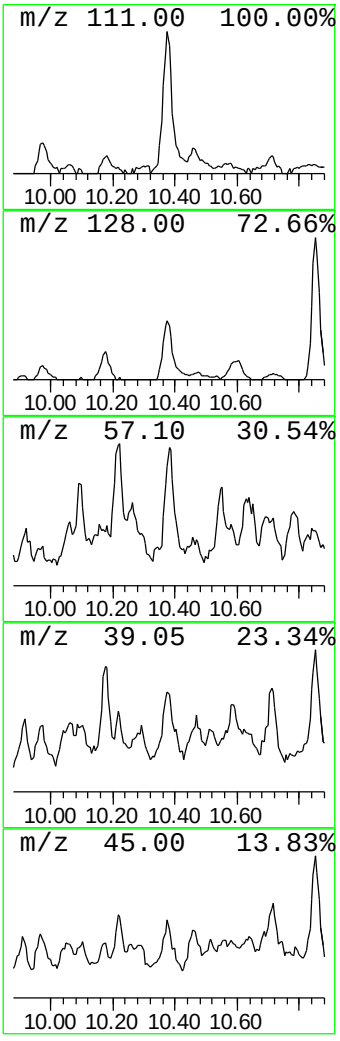
Peak Number 16 3-Thiophenecarboxylic acid Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.04 ng/ul	108494	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Thiophenecarboxylic acid	128	C5H4O2S	000088-13-1	81
2	2-Thiophenecarboxylic acid	128	C5H4O2S	000527-72-0	81
3	2-Thiophenecarboxylic acid	128	C5H4O2S	000527-72-0	81
4	3-Thiophenecarboxylic acid	128	C5H4O2S	000088-13-1	68
5	2-Thiophenecarboxylic acid, 3-me...	198	C10H14O2S	035250-80-7	59





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Quant Title : SVOA CALIBRATION

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

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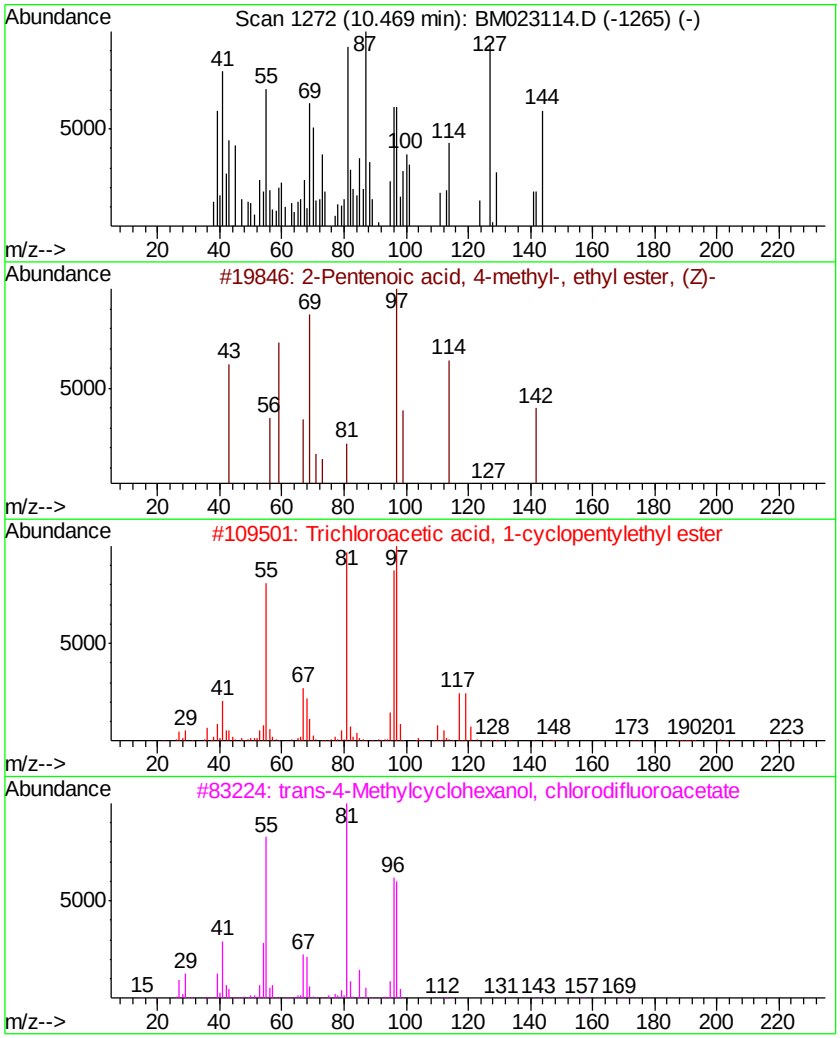
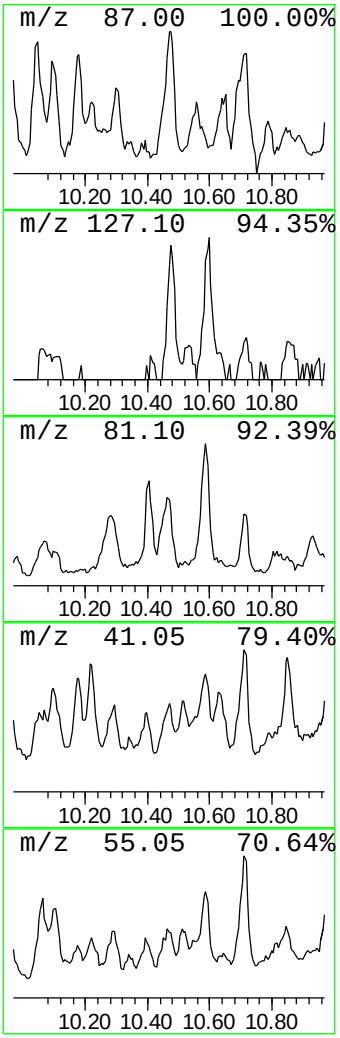
Peak Number 17 unknown-11 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.11 ng/ul	112349	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 4-methyl-, eth...	142	C8H14O2	015790-85-9	25
2	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	22
3	trans-4-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-1	22
4	trans-2-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-4	12
5	cis-2-Methylcyclohexanol, pentaf...	260	C10H13F5O2	1000364-12-4	12





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Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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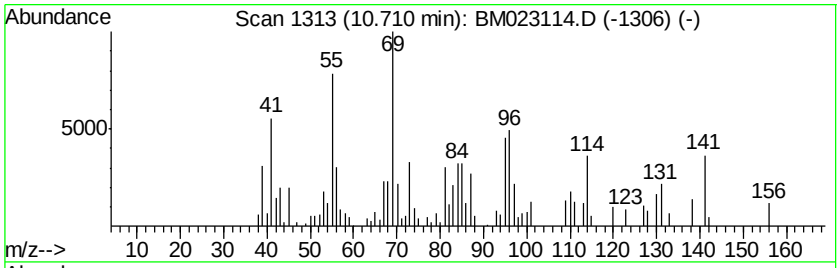
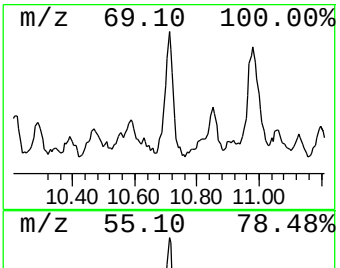
Peak Number 18 unknown-12 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	3.43 ng/ul	182362	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	38
2	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	30
3	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	27
4	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27
5	2,3,6-Trimethylhept-3-en-1-ol	156	C10H20O	1000111-56-8	25





Library Search Compound Report

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Acq On : 10 Oct 2019 13:54
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Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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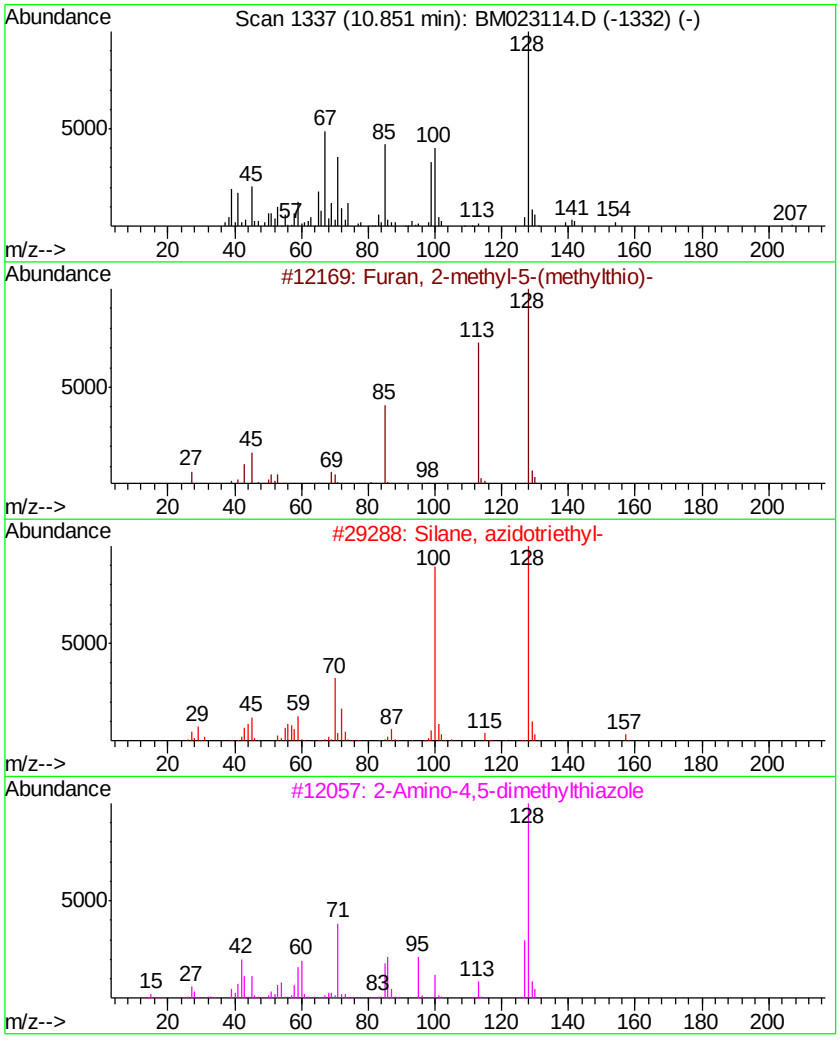
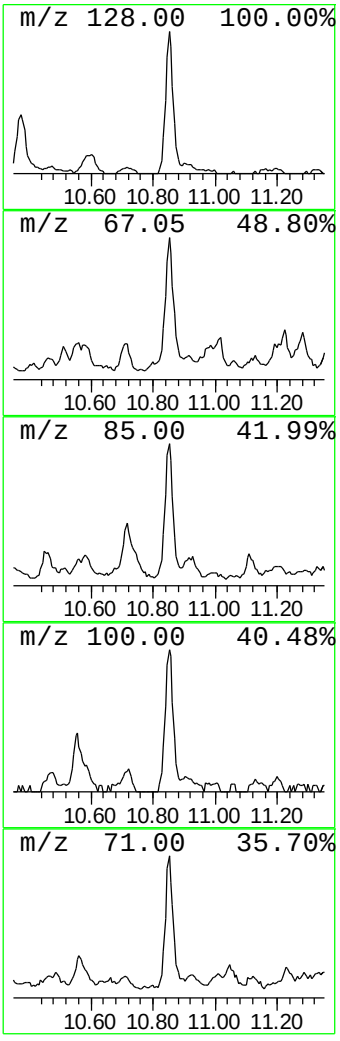
Peak Number 19 Furan, 2-methyl-5-(methylth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.21 ng/ul	170687	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-methyl-5-(methylthio)-	128	C6H8OS	013678-59-6	50
2	Silane, azidotriethyl-	157	C6H15N3Si	005599-32-6	43
3	2-Amino-4,5-dimethylthiazole	128	C5H8N2S	002289-75-0	35
4	1,3-Dimethyl-3,4,5,6-tetrahydro-...	128	C6H12N2O	007226-23-5	30
5	4-Formyl-1,3(2H)-dihydroimidazol...	128	C4H4N2OS	013953-95-2	30





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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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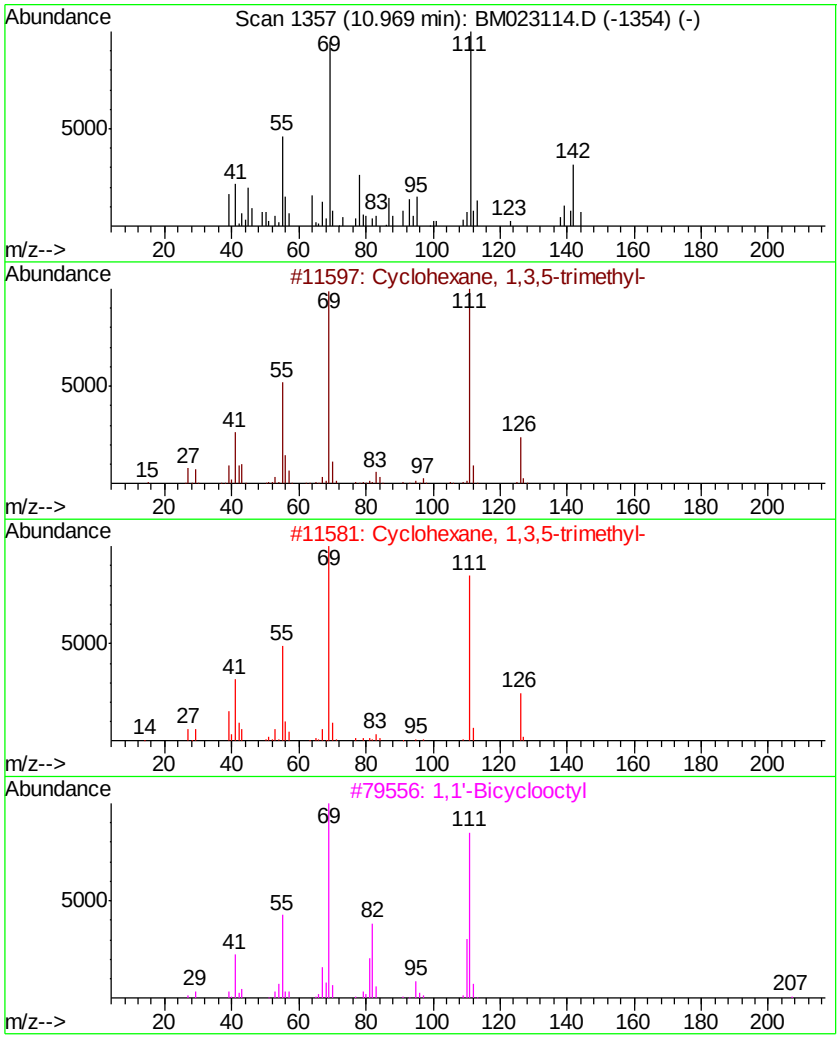
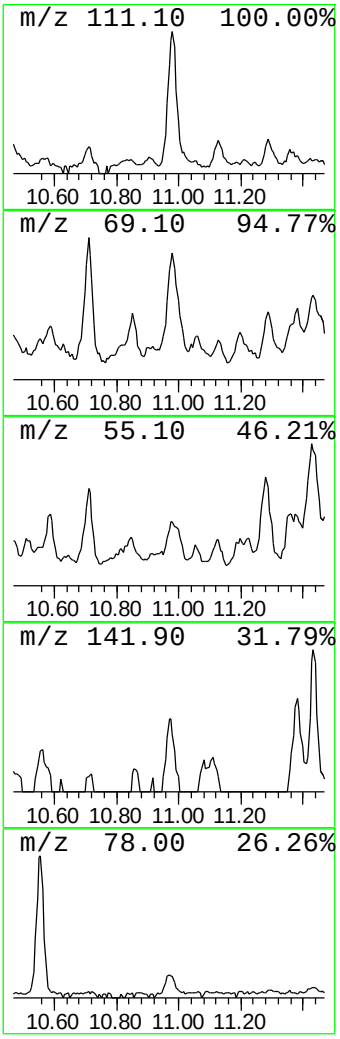
Peak Number 20 (DEL) Alkane: Cyclic10.97 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.17 ng/ul	115552	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	53
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53





Library Search Compound Report

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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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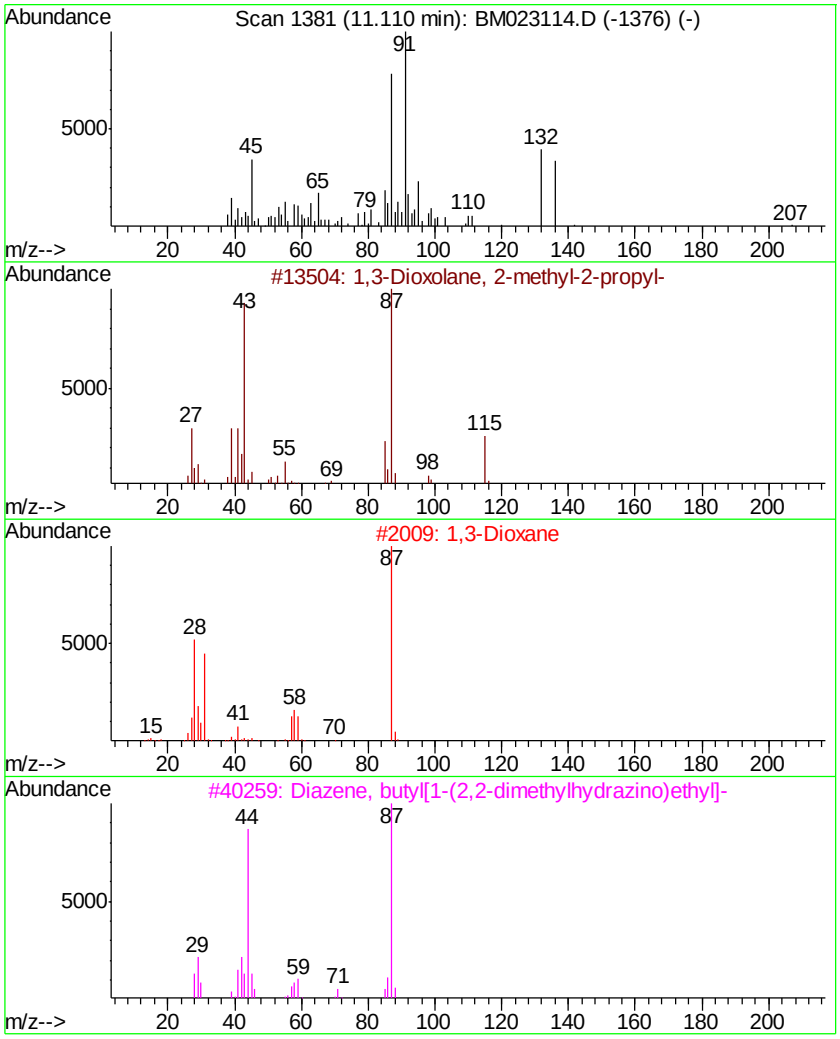
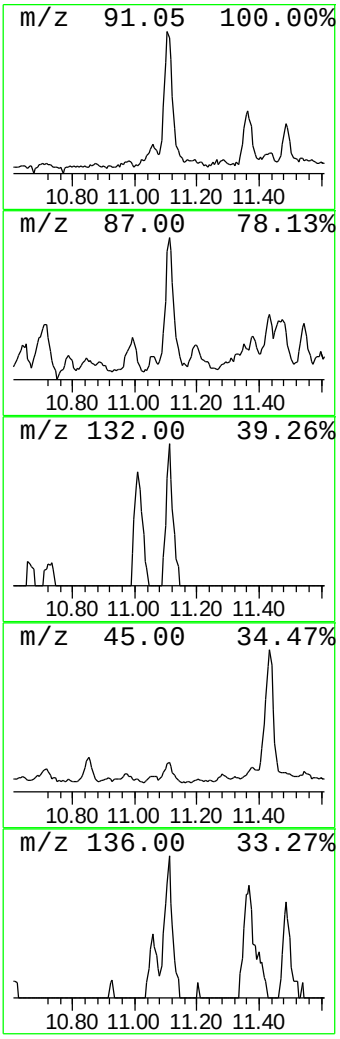
Peak Number 21 unknown-13 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.30 ng/ul	122550	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-2-propyl-	130	C7H14O2	004352-98-1	25
2	1,3-Dioxane	88	C4H8O2	000505-22-6	22
3	Diazene, butyl[1-(2,2-dimethylhy...	172	C8H20N4	061940-95-2	16
4	2-[2-[2-[2-(2-Butoxyethoxy)ethox...	336	C16H32O7	1000351-94-0	16
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	514	C23H46O12	1000351-89-8	16





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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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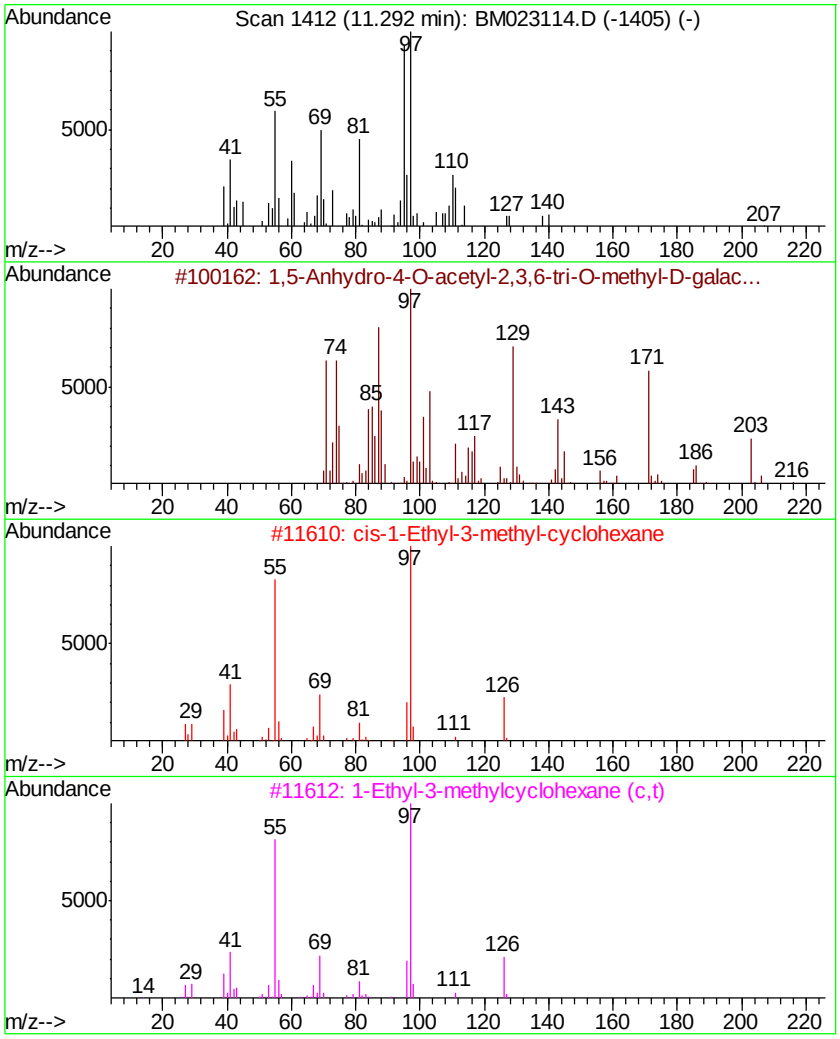
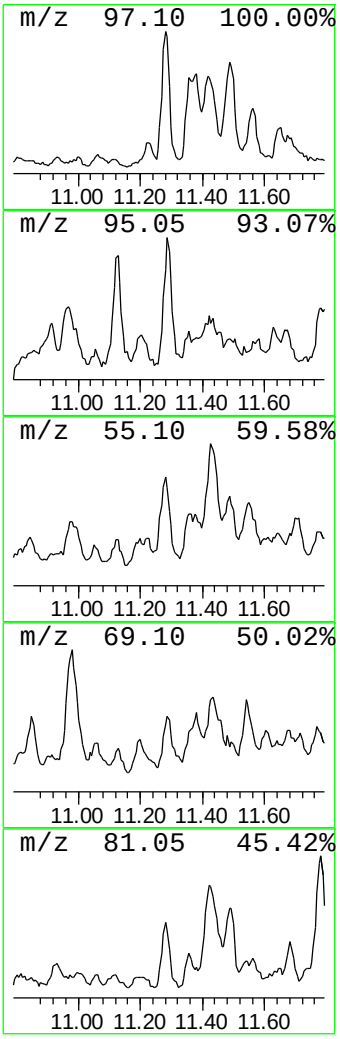
Peak Number 22 unknown-14 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.10 ng/ul	111856	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Anhydro-4-O-acetyl-2,3,6-tri...	248	C11H20O6	102850-64-6	38
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	38
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	38
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	35
5	Pyrollidine, 2,5-bis(imino)-	97	C4H7N3	000503-84-4	35





Library Search Compound Report

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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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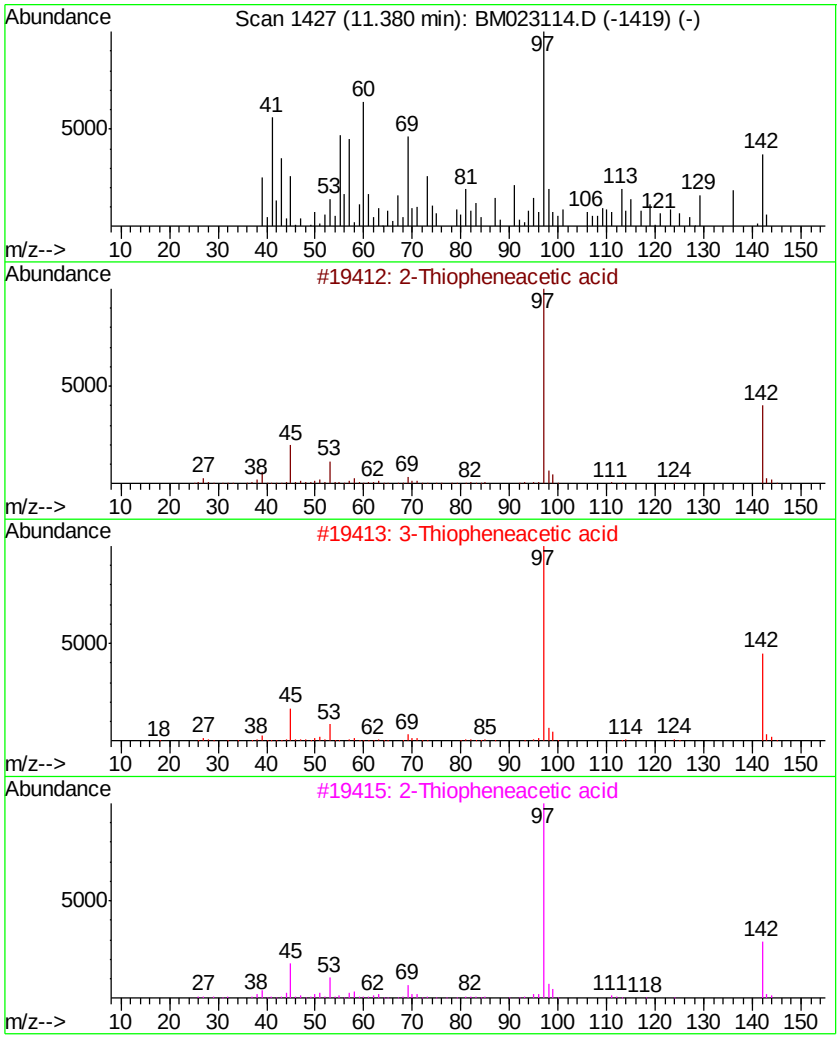
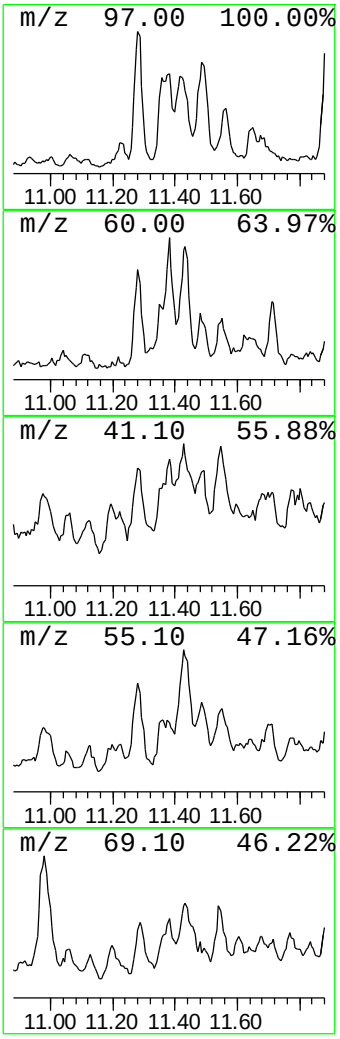
Peak Number 23 unknown-15 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.17 ng/ul	168500	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid	142	C6H6O2S	001918-77-0	38
2	3-Thiopheneacetic acid	142	C6H6O2S	006964-21-2	35
3	2-Thiopheneacetic acid	142	C6H6O2S	001918-77-0	35
4	2-Thiopheneacetic acid, undec-10...	294	C17H26O2S	1000278-91-6	35
5	1-Propyne, 3-(ethenylthio)-	98	C5H6S	021916-66-5	27





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Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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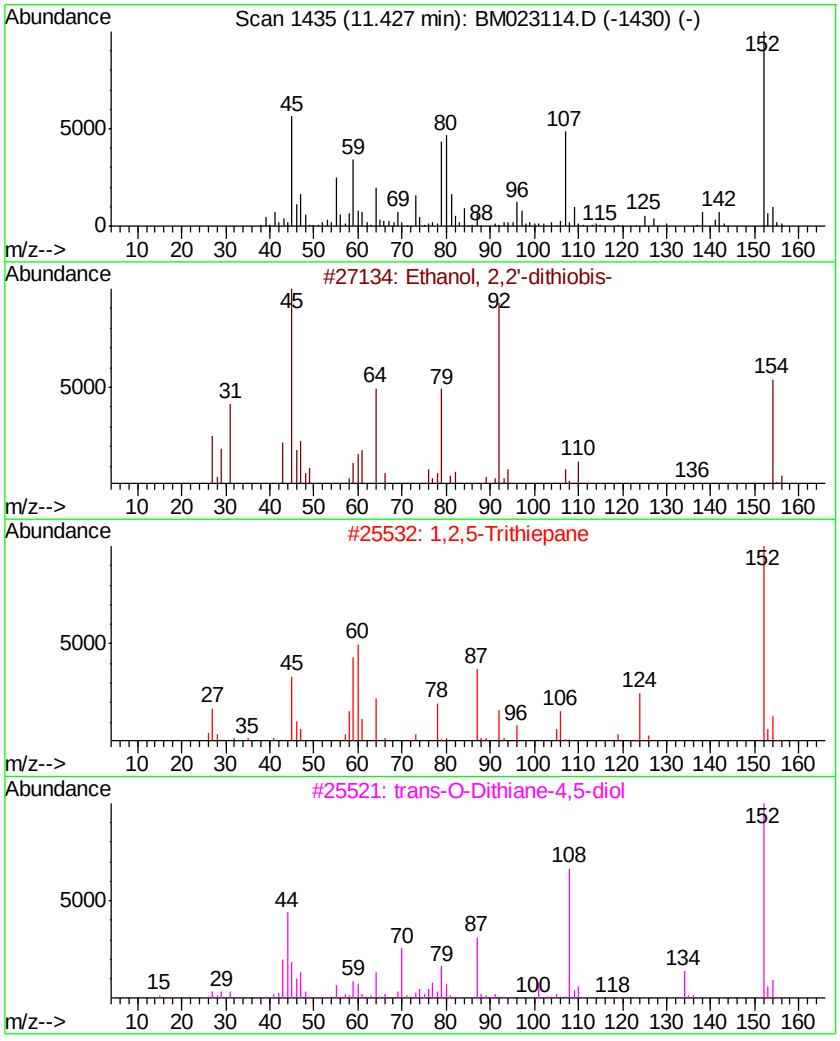
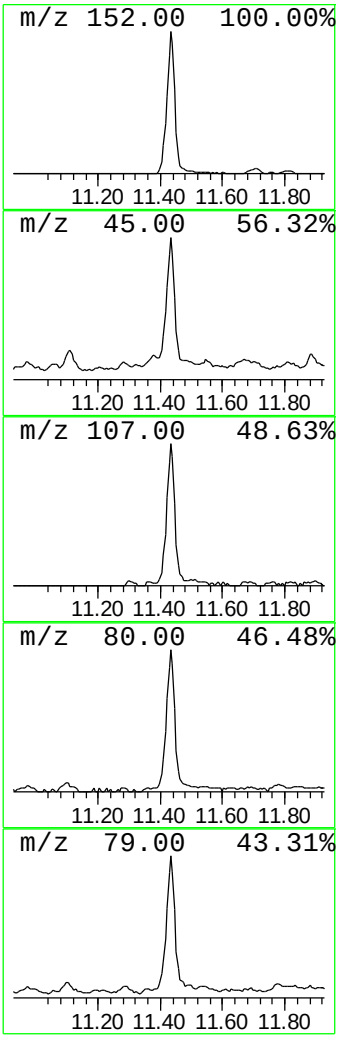
Peak Number 24 unknown-16 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	6.88 ng/ul	366209	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-dithiobis-	154	C4H10O2S2	001892-29-1	35
2	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	32
3	trans-O-Dithiane-4,5-diol	152	C4H8O2S2	014193-38-5	30
4	Benzenamine, 4-methyl-3-nitro-	152	C7H8N2O2	000119-32-4	25
5	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	23





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Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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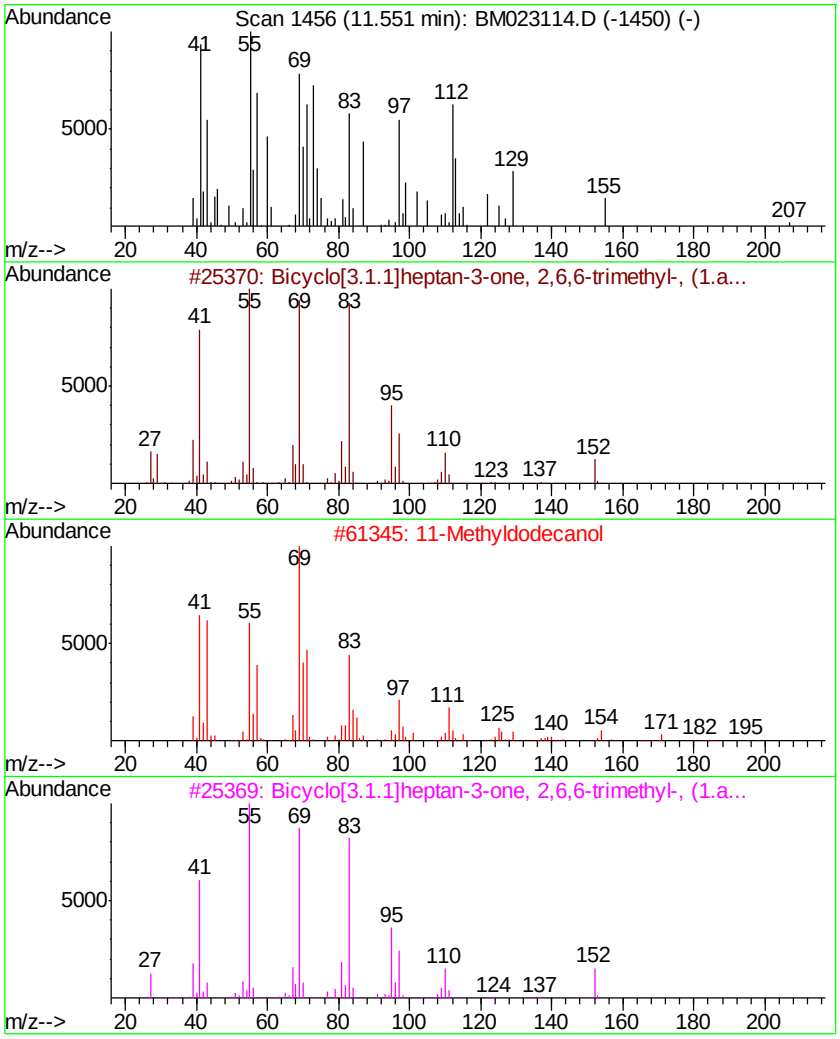
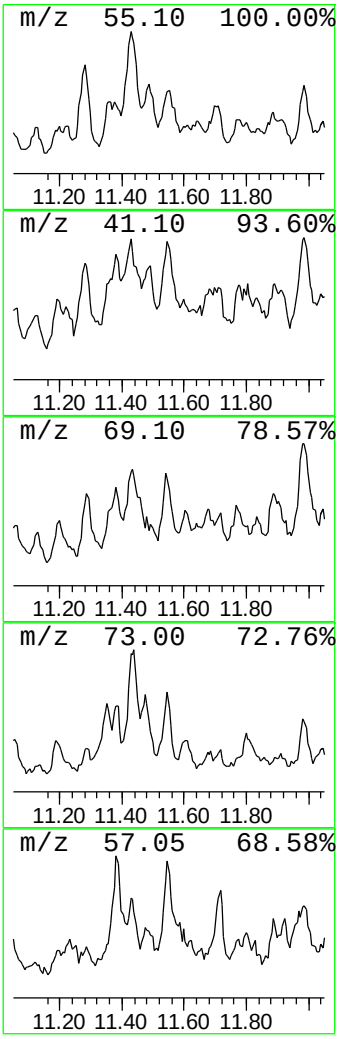
Peak Number 25 unknown-17 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.00 ng/ul	106661	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	27
2	11-Methyldodecanol	200	C13H28O	085763-57-1	27
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27
4	2-Furanone, 2,5-dihydro-3,5-dime...	112	C6H8O2	1000196-88-1	27
5	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	27





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Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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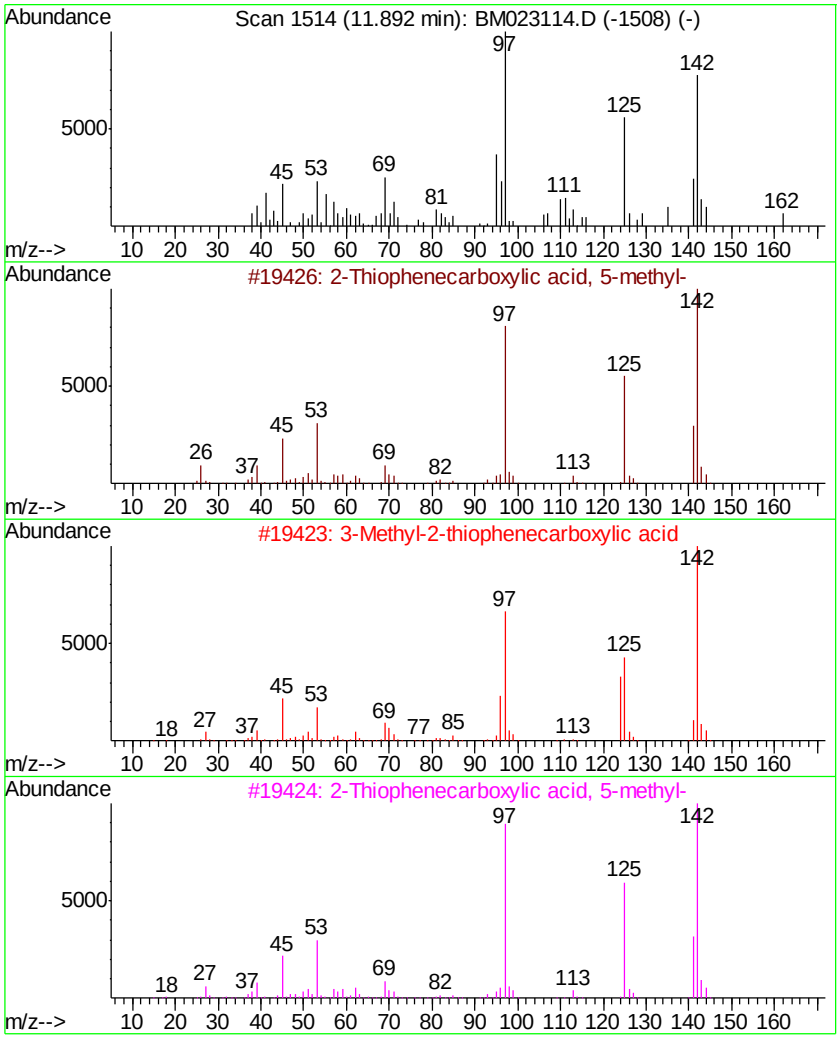
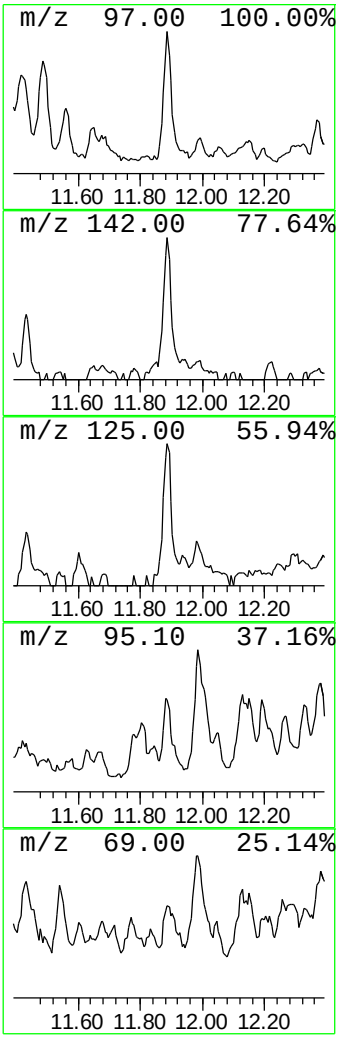
Peak Number 26 2-Thiophenecarboxylic acid,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.32 ng/ul	123500	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarboxylic acid, 5-me...	142	C6H6O2S	001918-79-2	58
2	3-Methyl-2-thiophenecarboxylic acid	142	C6H6O2S	023806-24-8	58
3	2-Thiophenecarboxylic acid, 5-me...	142	C6H6O2S	001918-79-2	52
4	2-Thiophenecarboxylic acid, 5-me...	142	C6H6O2S	001918-79-2	50
5	3-Methyl-2-thiophenecarboxylic acid	142	C6H6O2S	023806-24-8	46





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ClientSampleId : DBAM2

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Quant Title : SVOA CALIBRATION

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

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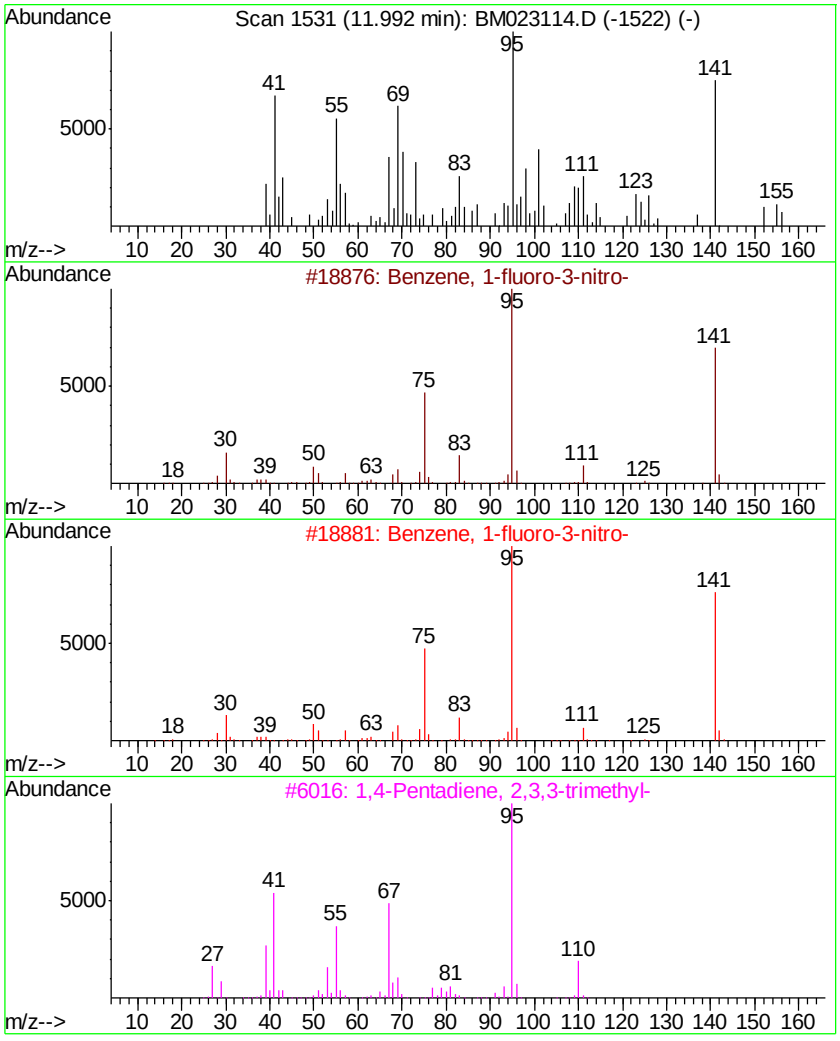
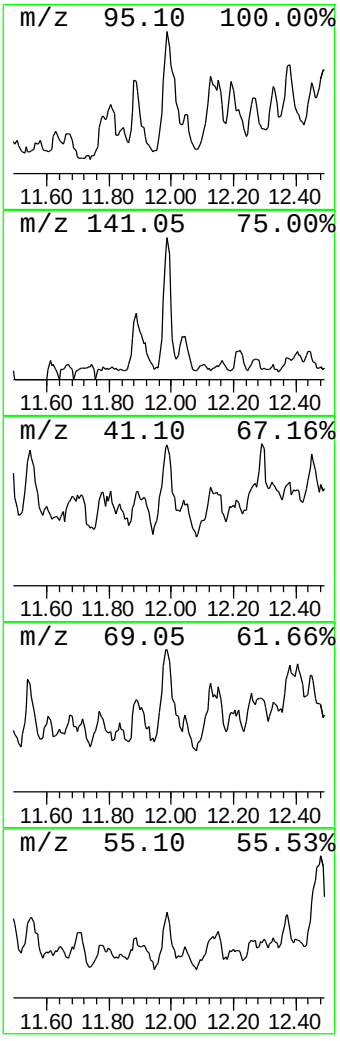
Peak Number 27 unknown-18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.35 ng/ul	178447	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-3-nitro-	141	C6H4FNO2	000402-67-5	38
2	Benzene, 1-fluoro-3-nitro-	141	C6H4FNO2	000402-67-5	35
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	15
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	15
5	4-Hydroxylamino-6-methylpyrimidi...	141	C5H7N3O2	006220-22-0	15





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Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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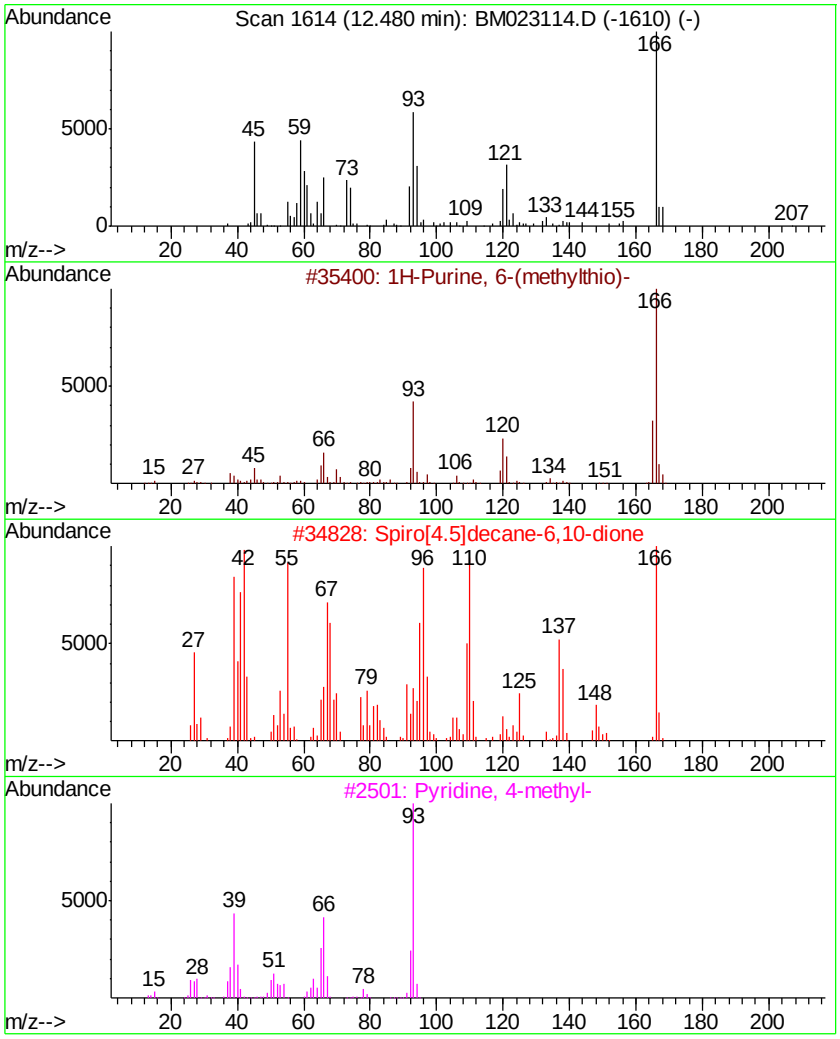
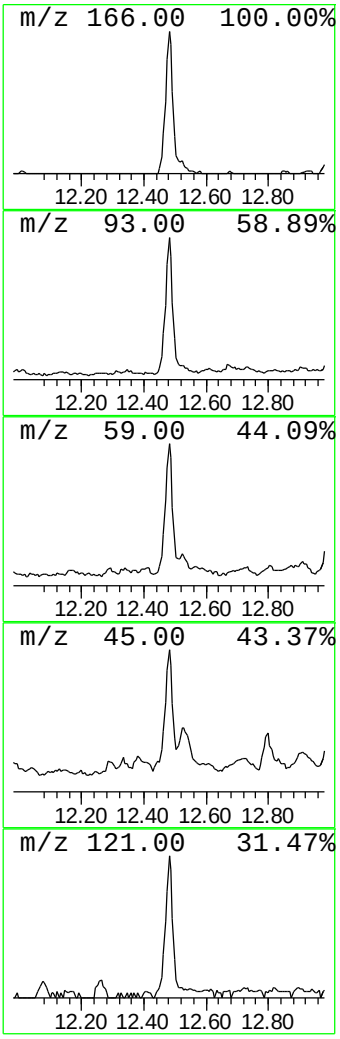
Peak Number 28 unknown-19 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.66 ng/ul	191089	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	37
2	Spiro[4.5]decane-6,10-dione	166	C10H14O2	006684-66-8	35
3	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	22
4	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	22
5	2,2'-Bithiophene	166	C8H6S2	000492-97-7	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

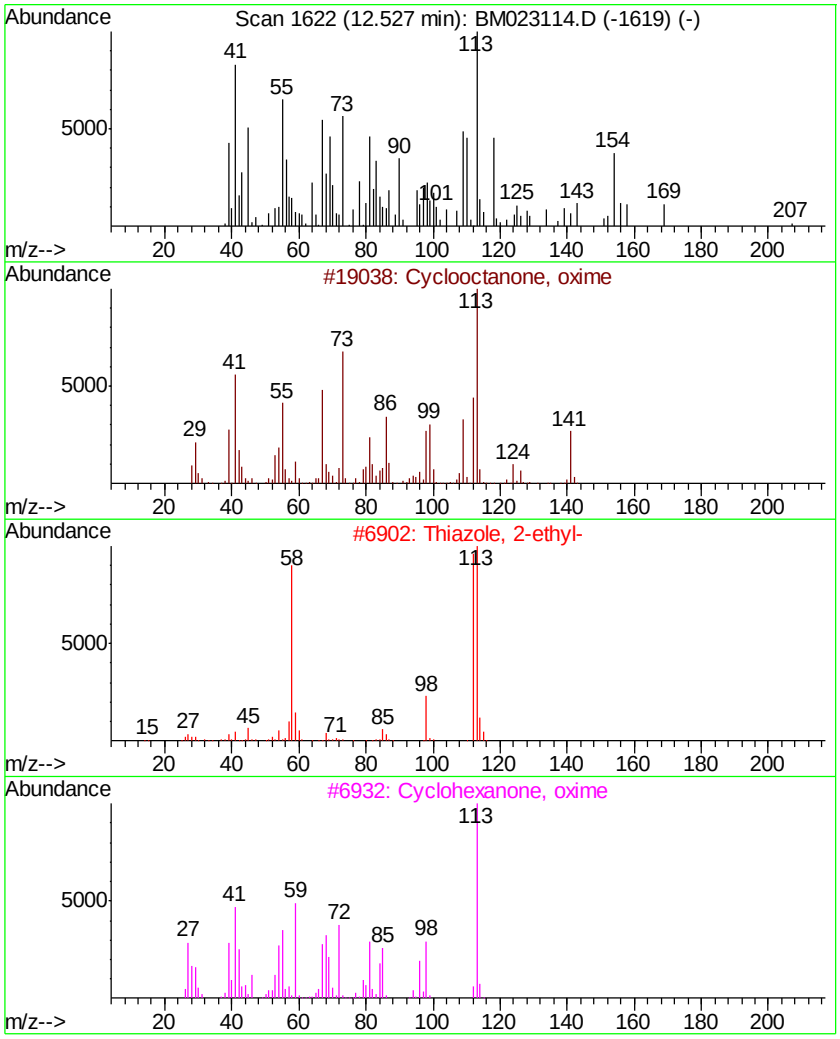
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

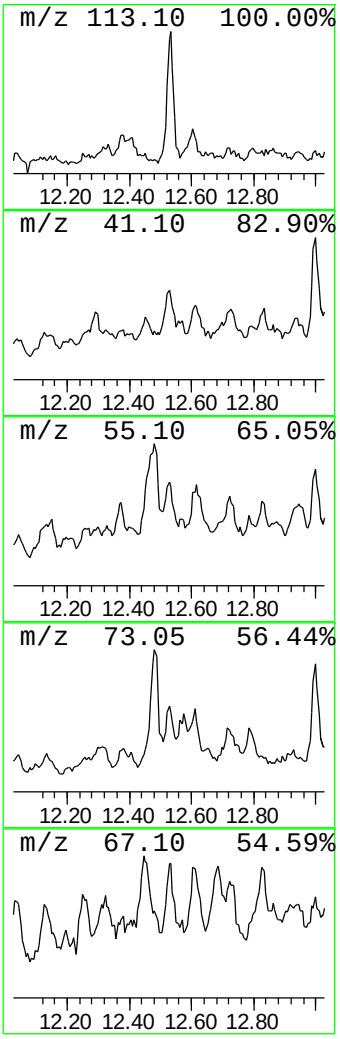
****

Peak Number 29 unknown-20 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.57 ng/ul	184229	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, oxime	141	C8H15NO	001074-51-7	35
2	Thiazole, 2-ethyl-	113	C5H7NS	015679-09-1	25
3	Cyclohexanone, oxime	113	C6H11NO	000100-64-1	22
4	5-Ethylthiazole	113	C5H7NS	017626-73-2	22
5	[1,2,3,4]Tetrathiine	154	C2H2S4	130498-35-0	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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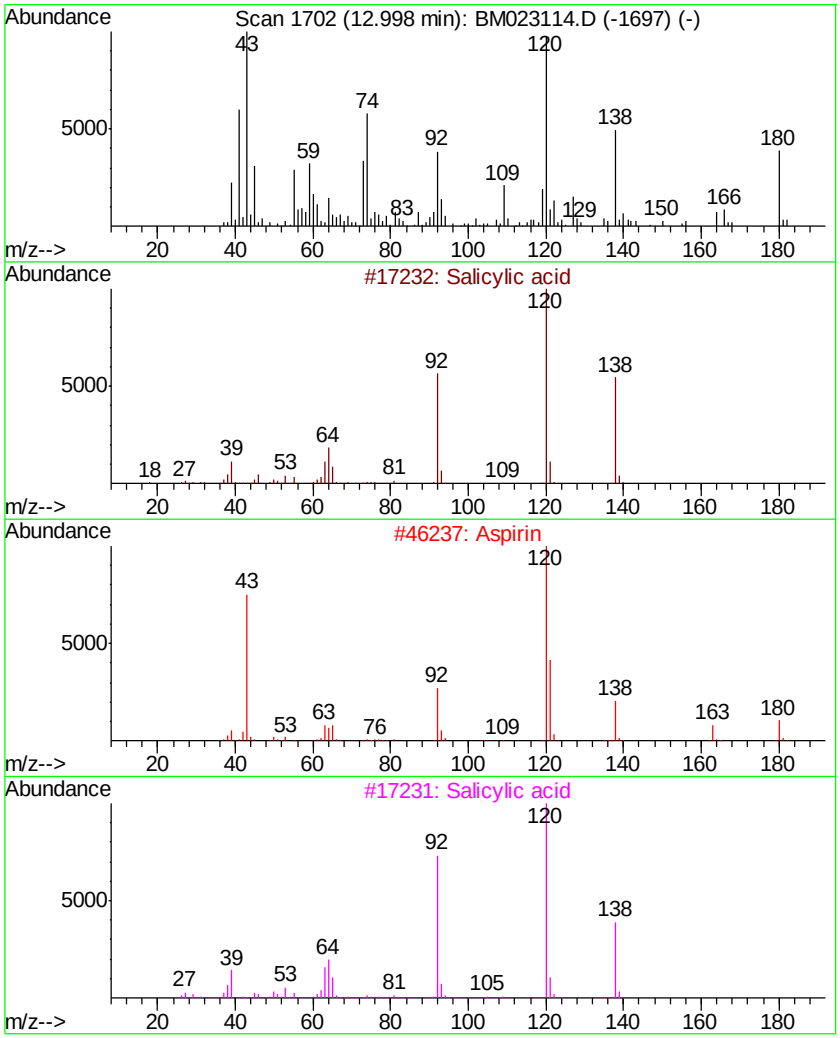
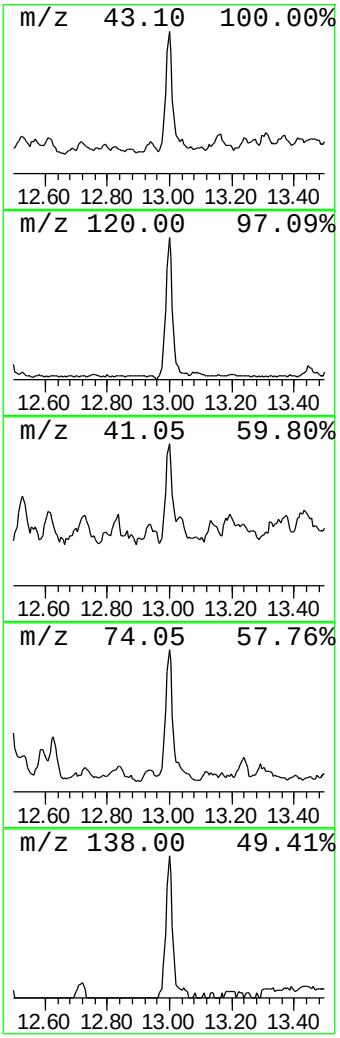
Peak Number 30 unknown-21 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.60 ng/ul	258377	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Salicylic acid	138	C7H6O3	000069-72-7	45
2	Aspirin	180	C9H8O4	000050-78-2	38
3	Salicylic acid	138	C7H6O3	000069-72-7	38
4	Aspirin	180	C9H8O4	000050-78-2	38
5	Silanol, trimethyl-, nitrate	135	C3H9NO3Si	018026-82-9	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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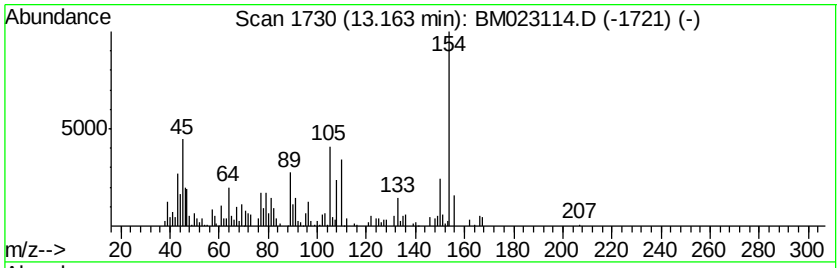
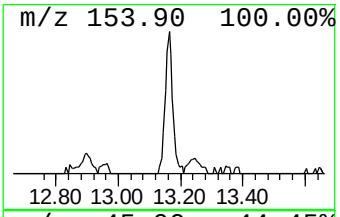
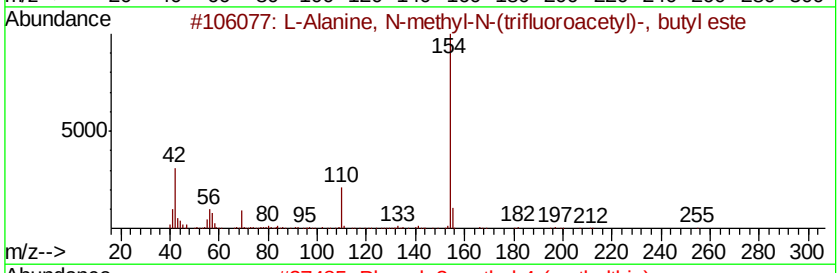
Peak Number 31 unknown-22 Concentration Rank 25

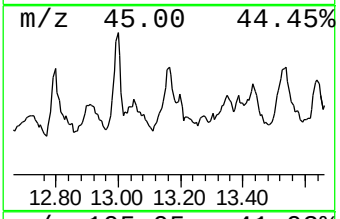
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.82 ng/ul	202418	Acenaphthene-d10	14.40

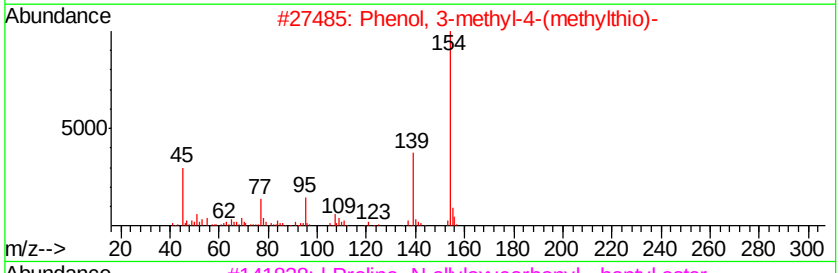
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Alanine, N-methyl-N-(trifluoro...	255	C10H16F3NO3	034815-08-2	27
2	Phenol, 3-methyl-4-(methylthio)-	154	C8H10OS	003120-74-9	27
3	l-Proline, N-allyloxycarbonyl-, ...	297	C16H27NO4	1000313-65-3	27
4	Phenol, 3-methyl-4-(methylthio)-	154	C8H10OS	003120-74-9	25
5	Biphenyl	154	C12H10	000092-52-4	25

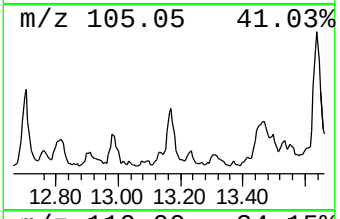


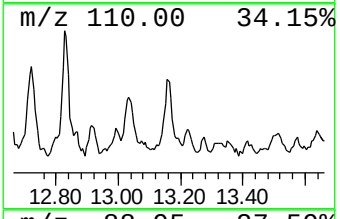


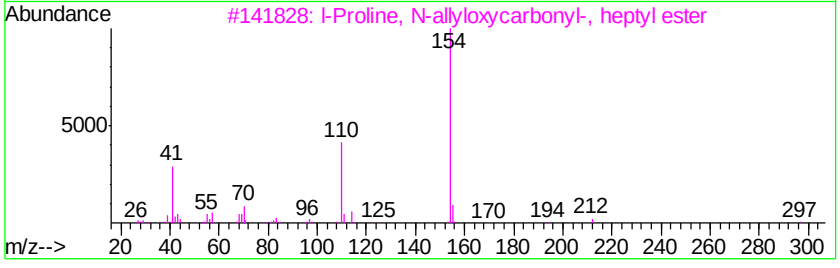


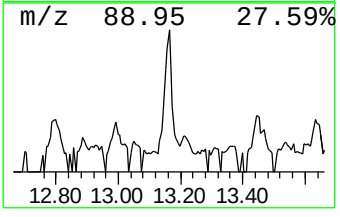












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

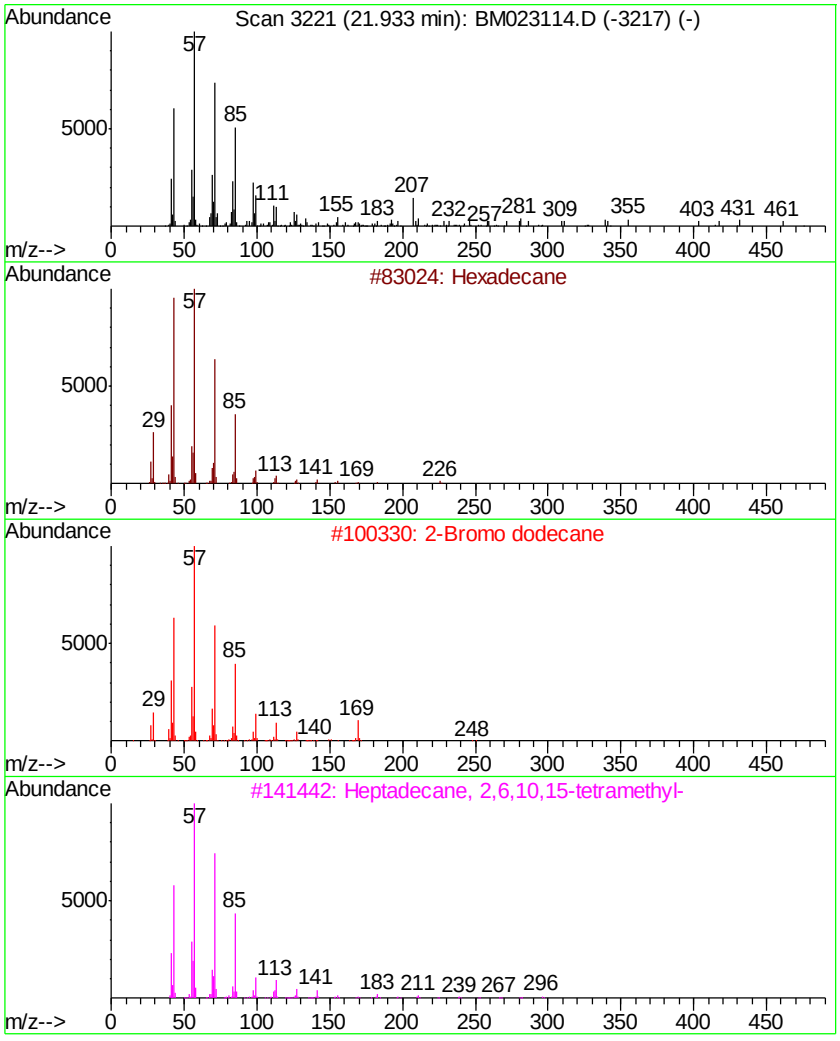
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

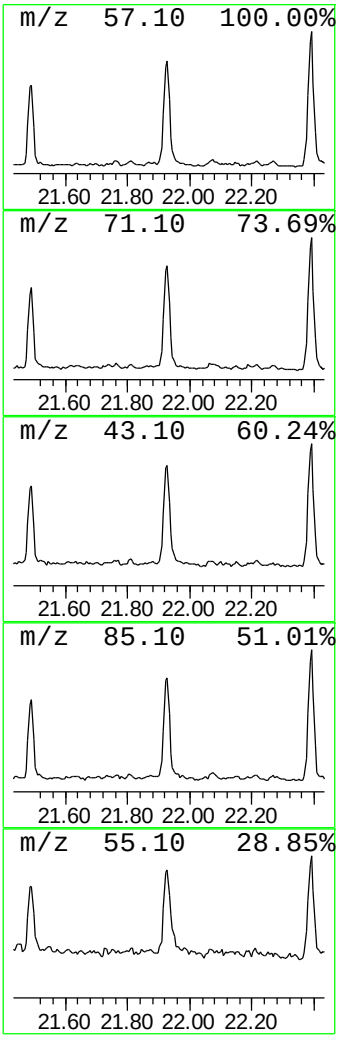
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.33 ng/ul	177409	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Triacontane	422	C30H62	000638-68-6	83
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

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Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

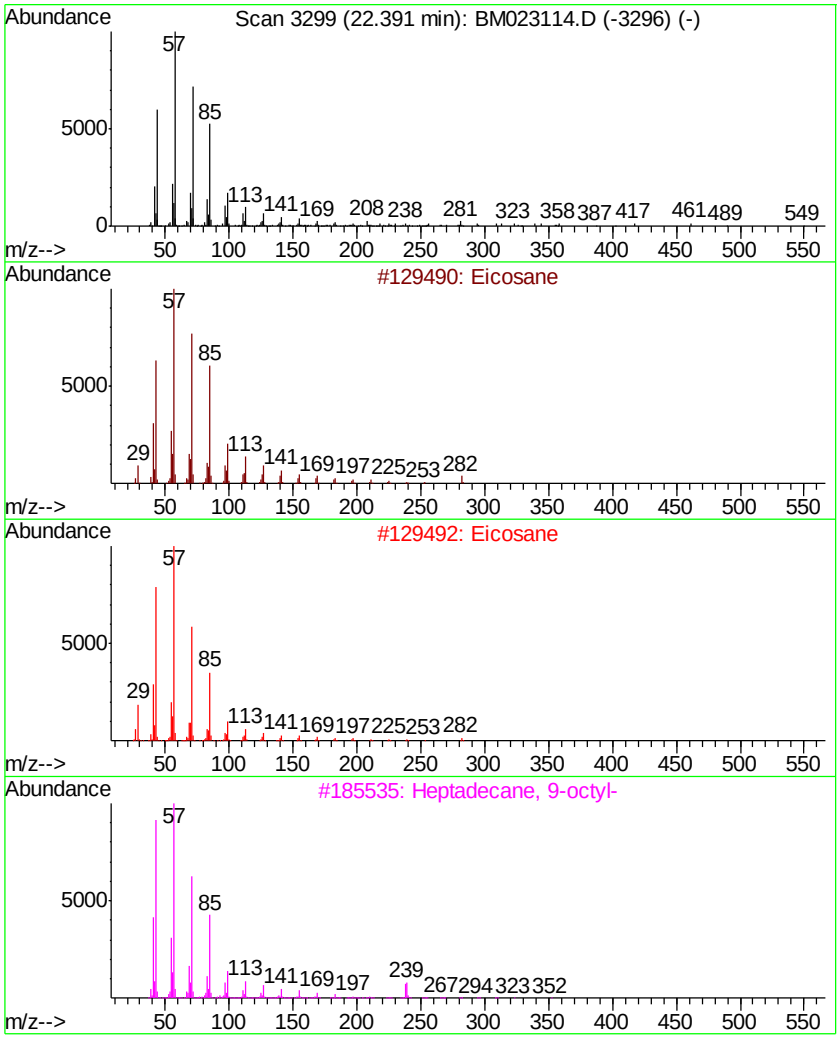
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

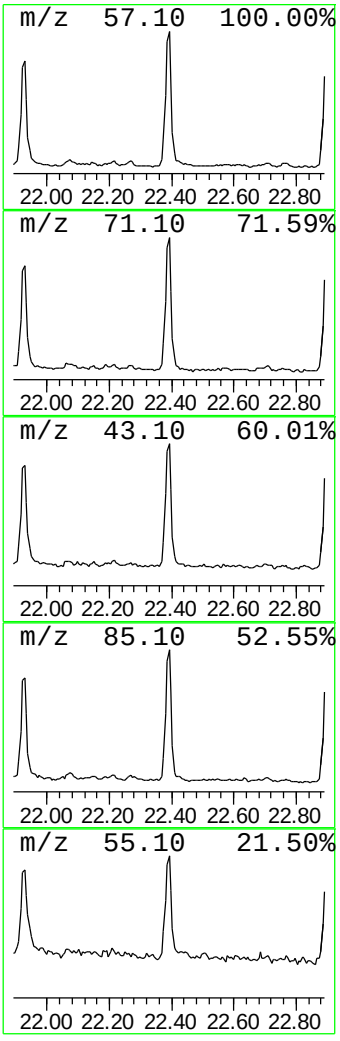
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.73 ng/ul	208303	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

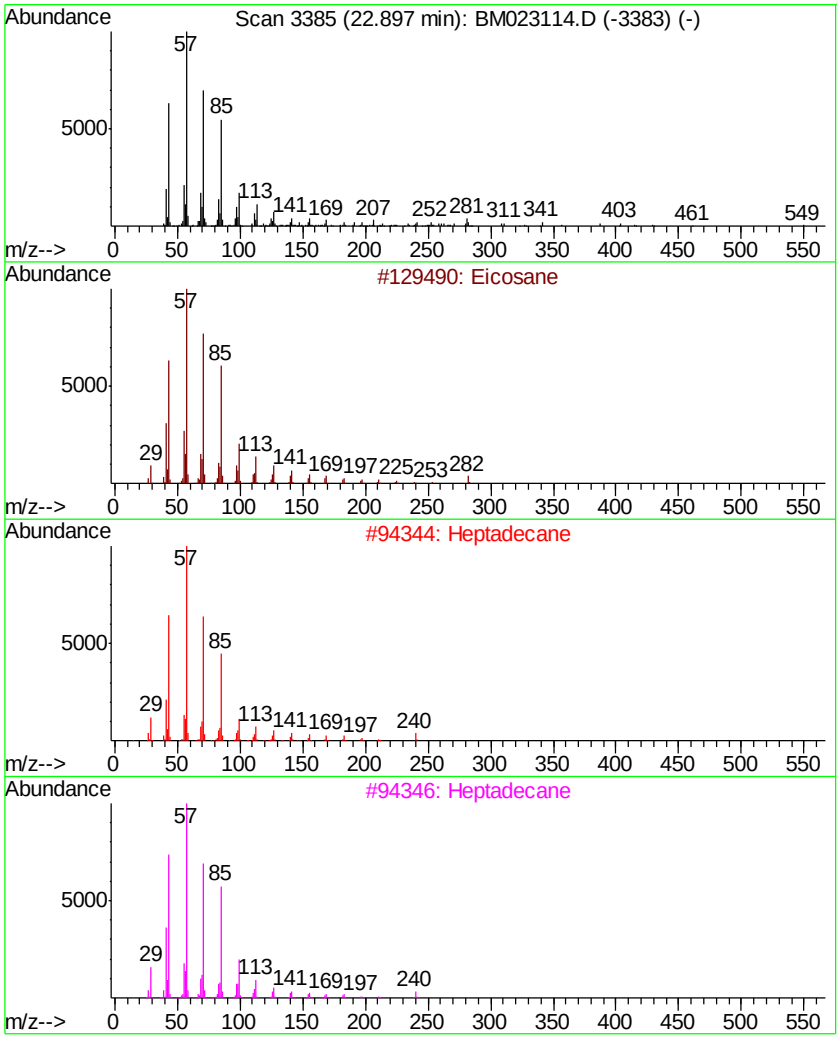
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

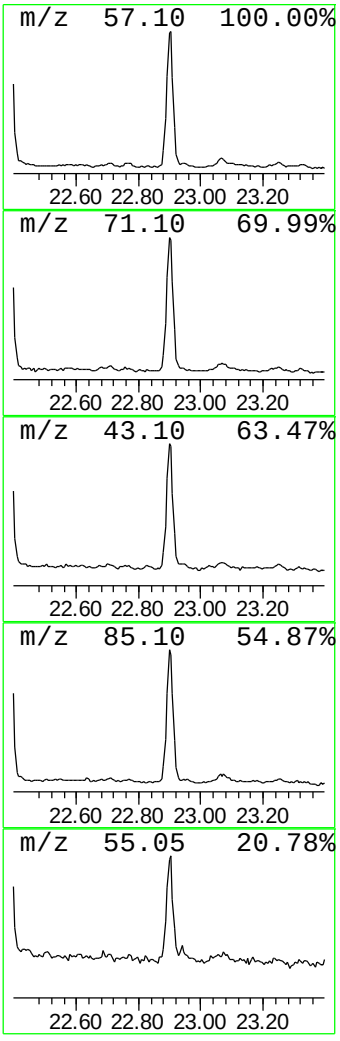
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.85 ng/ul	244032	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Octadecane	254	C18H38	000593-45-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023114.D
Acq On : 10 Oct 2019 13:54
Operator : JU
Sample : K5058-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBAM2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
unknown-01	3.94	3.9	ng/ul	153169	1	7.77	782581	20.0
unknown-02	4.13	4.6	ng/ul	179554	1	7.77	782581	20.0
Butanoic acid, 3-...	4.66	4.7	ng/ul	184967	1	7.77	782581	20.0
unknown-03	5.23	4.5	ng/ul	176251	1	7.77	782581	20.0
unknown-04	6.10	2.4	ng/ul	92674	1	7.77	782581	20.0
2-Mercaptopropano...	6.72	115.9	ng/ul	4535740	1	7.77	782581	20.0
2-Thiophenethiol	6.79	9.5	ng/ul	371224	1	7.77	782581	20.0
Dihydro-2(3H)-thi...	7.55	2.5	ng/ul	98148	1	7.77	782581	20.0
unknown-05	8.00	7.6	ng/ul	296962	1	7.77	782581	20.0
unknown-06	8.19	2.6	ng/ul	103270	1	7.77	782581	20.0
unknown-07	9.07	3.0	ng/ul	115623	1	7.77	782581	20.0
unknown-08	9.17	2.9	ng/ul	156013	2	10.56	1064600	20.0
unknown-09	9.74	2.2	ng/ul	115239	2	10.56	1064600	20.0
Benzoic acid	9.82	2.2	ng/ul	116500	2	10.56	1064600	20.0
unknown-10	10.06	2.1	ng/ul	112076	2	10.56	1064600	20.0
3-Thiophenecarbox...	10.38	2.0	ng/ul	108494	2	10.56	1064600	20.0
unknown-11	10.47	2.1	ng/ul	112349	2	10.56	1064600	20.0
unknown-12	10.71	3.4	ng/ul	182362	2	10.56	1064600	20.0
Furan, 2-methyl-5...	10.85	3.2	ng/ul	170687	2	10.56	1064600	20.0
(DEL) Alkane: Cyc...	10.97	2.2	ng/ul	115552	2	10.56	1064600	20.0
unknown-13	11.11	2.3	ng/ul	122550	2	10.56	1064600	20.0
unknown-14	11.29	2.1	ng/ul	111856	2	10.56	1064600	20.0
unknown-15	11.38	3.2	ng/ul	168500	2	10.56	1064600	20.0
unknown-16	11.43	6.9	ng/ul	366209	2	10.56	1064600	20.0
unknown-17	11.55	2.0	ng/ul	106661	2	10.56	1064600	20.0
2-Thiophenecarbox...	11.89	2.3	ng/ul	123500	2	10.56	1064600	20.0
unknown-18	11.99	3.4	ng/ul	178447	2	10.56	1064600	20.0
unknown-19	12.48	2.7	ng/ul	191089	3	14.40	1435220	20.0
unknown-20	12.53	2.6	ng/ul	184229	3	14.40	1435220	20.0
unknown-21	13.00	3.6	ng/ul	258377	3	14.40	1435220	20.0
unknown-22	13.16	2.8	ng/ul	202418	3	14.40	1435220	20.0
(DEL) Alkane: Str...	21.93	2.3	ng/ul	177409	5	21.33	1524160	20.0
(DEL) Alkane: Str...	22.39	2.7	ng/ul	208303	5	21.33	1524160	20.0
(DEL) Alkane: Str...	22.90	2.9	ng/ul	244032	6	23.58	1711820	20.0