LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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-BM031420MA.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	2.928	4	7	12	rVB	825953	1020486	0.23%	0.122%
2	2.975	12	15	17	rVV	469358	487420	0.11%	0.058%
3	3.016	17	22	36	rVV	19234912	25146576	5.66%	3.014%
4	3.164	44	47	55	rBV	1338315	1952618	0.44%	0.234%
5	4.181	215	220	228	rVV	320530	577282	0.13%	0.069%
6	4.628	292	296	309	rBV	302850	507835	0.11%	0.061%
7	5.099	371	376	382	rBV	487006	672552	0.15%	0.081%
8	5.275	398	406	419	rVB	769108	1153820	0.26%	0.138%
9	5.475	435	440	452	rVV	878358	1526039	0.34%	0.183%
10	5.581	452	458	468	rVB	395021	636816	0.14%	0.076%
11	5.940	511	519	535	rBV	17572396	36292069	8.16%	4.351%
12	6.122	546	550	555	rVB	337084	540230	0.12%	0.065%
13	6.369	584	592	599	rBV	7343380	18076919	4.07%	2.167%
14	7.210	727	735	739	rBV	4329110	10819166	2.43%	1.297%
15	7.269	740	745	752	rVV	2253958	7755930	1.74%	0.930%
16	7.599	770	801	806	rBV5	51270356	444549248	100.00%	53.291%
17	8.198	895	903	905	rBV	15275274	18441320	4.15%	2.211%
18	8.334	918	926	930	rVB	3549065	7912352	1.78%	0.949%
19	8.369	930	932	937	rVB	2319194	2497705	0.56%	0.299%
20	8.422	937	941	944	rVB2	480283	503794	0.11%	0.060%
21	8.457	944	947	950	rBV	912463	1194258	0.27%	0.143%
22	8.487	950	952	958	rVB2	638624	845693	0.19%	0.101%
23	8.569	962	966	971	rVB	415064	529219	0.12%	0.063%
24	8.857	1008	1015	1020	rBV2	1339599	2281516	0.51%	0.274%
25	8.910	1020	1024	1033	rVB2	887745	1456481	0.33%	0.175%
26	8.987	1033	1037	1041	rBV3	316301	545085	0.12%	0.065%
27	9.028	1041	1044	1054	rVB	758133	1337790	0.30%	0.160%
28	9.163	1054	1067	1071	rBV2	1128590	2336179	0.53%	0.280%
29	9.204	1071	1074	1083	rVB	710031	1110148	0.25%	0.133%
30	9.322	1085	1094	1100	rBV	390360	810753	0.18%	0.097%
31	9.428	1106	1112	1121	rVB	1063597	1846991	0.42%	0.221%
32	9.510	1121	1126	1129	rBV	520840	876572	0.20%	0.105%
33	9.557	1129	1134	1151	rVB3	1719558	4166763	0.94%	0.499%
34	9.710	1151	1160	1162	rBV3	626797	1437356	0.32%	0.172%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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-BM031420MA.M
Title : SVOA CALIBRATION

35	9.945	1196	1200	1205	rVB2	328276	536092	0.12%	0.064%
36	10.004	1205	1210	1217	rBV2	498239	923383	0.21%	0.111%
37	10.104	1217	1227	1232	rBV4	793365	2184439	0.49%	0.262%
38	10.304	1232	1261	1262	rBV5	19393995	101437177	22.82%	12.160%
39	10.387	1270	1275	1279	rVB	766134	1035552	0.23%	0.124%
40	10.457	1279	1287	1302	rVB	1076601	2733994	0.62%	0.328%
41	10.598	1304	1311	1321	rBV4	344307	907028	0.20%	0.109%
42	10.751	1331	1337	1344	rBV	835560	1386528	0.31%	0.166%
43	10.845	1348	1353	1363	rVB3	345524	709780	0.16%	0.085%
44	11.269	1415	1425	1431	rBV4	436181	1069552	0.24%	0.128%
45	11.392	1439	1446	1451	rBV2	746206	1404861	0.32%	0.168%
46	11.510	1459	1466	1475	rVB6	259901	737525	0.17%	0.088%
47	11.645	1483	1489	1493	rBV	520475	887619	0.20%	0.106%
48	11.716	1493	1501	1503	rVV2	560104	1352898	0.30%	0.162%
49	11.751	1503	1507	1513	rVB	1127160	1965482	0.44%	0.236%
50	11.892	1521	1531	1534	rBV2	2599771	4950320	1.11%	0.593%
51	11.934	1534	1538	1543	rVV3	2812149	5144999	1.16%	0.617%
52	11.981	1543	1546	1554	rVB2	1051614	1788013	0.40%	0.214%
53	12.098	1561	1566	1569	rVV2	257477	479198	0.11%	0.057%
54	12.163	1569	1577	1583	rVB	4513197	8080116	1.82%	0.969%
55	12.281	1591	1597	1606	rBV3	302660	674193	0.15%	0.081%
56	12.404	1612	1618	1622	rBV	512075	895662	0.20%	0.107%
57	12.463	1624	1628	1632	rVB2	314751	492489	0.11%	0.059%
58	12.716	1665	1671	1682	rBV2	470353	920332	0.21%	0.110%
59	12.857	1690	1695	1700	rBV	568254	896432	0.20%	0.107%
60	13.004	1715	1720	1725	rBV	2035826	2920784	0.66%	0.350%
61	13.239	1754	1760	1764	rBV3	483084	1024891	0.23%	0.123%
62	13.339	1774	1777	1784	rVB3	324092	515254	0.12%	0.062%
63	13.692	1831	1837	1841	rBV	1878082	2576501	0.58%	0.309%
64	13.804	1850	1856	1860	rBV2	214335	459266	0.10%	0.055%
65	13.963	1876	1883	1890	rVB	2311104	3848454	0.87%	0.461%
66	14.080	1896	1903	1914	rVB4	311622	782922	0.18%	0.094%
67	14.275	1930	1936	1943	rVB	1322224	2023887	0.46%	0.243%
68	14.469	1963	1969	1970	rBV	947339	1299165	0.29%	0.156%
69	14.504	1970	1975	1980	rVB2	2739824	4559243	1.03%	0.547%
70	14.598	1986	1991	1996	rVB2	638301	988309	0.22%	0.118%
71	14.751	2010	2017	2022	rBV6	229895	473852	0.11%	0.057%

LSC Area Percent Report

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Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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-BM031420MA.M
Title : SVOA CALIBRATION

72	15.033	2057	2065	2069	rBV	2858069	3917661	0.88%	0.470%
73	15.204	2087	2094	2099	rBV	582761	1273865	0.29%	0.153%
74	15.269	2099	2105	2114	rVB	3017984	4467346	1.00%	0.536%
75	15.386	2120	2125	2132	rVB	963173	1323310	0.30%	0.159%
76	15.451	2132	2136	2144	rBV3	322211	692796	0.16%	0.083%
77	15.792	2187	2194	2196	rBV2	444682	984758	0.22%	0.118%
78	15.822	2196	2199	2202	rVV	455202	588023	0.13%	0.070%
79	15.922	2210	2216	2218	rVV	866944	1821900	0.41%	0.218%
80	15.980	2218	2226	2231	rVB2	2265785	5687453	1.28%	0.682%
81	16.098	2237	2246	2258	rVB2	4320584	9599186	2.16%	1.151%
82	16.210	2260	2265	2270	rBV3	272093	617882	0.14%	0.074%
83	16.574	2324	2327	2330	rBV	413237	484680	0.11%	0.058%
84	16.663	2336	2342	2345	rVV2	321173	677535	0.15%	0.081%
85	16.716	2345	2351	2360	rVB	1643921	3479300	0.78%	0.417%
86	16.839	2367	2372	2377	rVB	2194029	2695456	0.61%	0.323%
87	17.016	2394	2402	2409	rBV	1529692	2289479	0.52%	0.274%
88	17.116	2413	2419	2428	rVB	2873393	4301128	0.97%	0.516%
89	17.239	2435	2440	2444	rBV	504313	732559	0.16%	0.088%
90	17.933	2554	2558	2572	rVB	972538	1476966	0.33%	0.177%
91	18.910	2719	2724	2726	rBV	966864	1289668	0.29%	0.155%
92	18.939	2726	2729	2730	rBV	555753	484653	0.11%	0.058%
93	19.033	2742	2745	2750	rVB2	446719	597476	0.13%	0.072%
94	19.133	2759	2762	2766	rVB	414511	480436	0.11%	0.058%
95	19.221	2771	2777	2784	rVB2	1010524	1750750	0.39%	0.210%
96	19.410	2804	2809	2815	rVB	3627981	4791841	1.08%	0.574%
97	20.939	3065	3069	3075	rBV2	414158	517828	0.12%	0.062%
98	21.204	3109	3114	3121	rBV	1929685	2471244	0.56%	0.296%
99	23.245	3454	3461	3467	rBV	2930784	5192314	1.17%	0.622%
100	23.380	3478	3484	3494	rVB	1401682	2588686	0.58%	0.310%

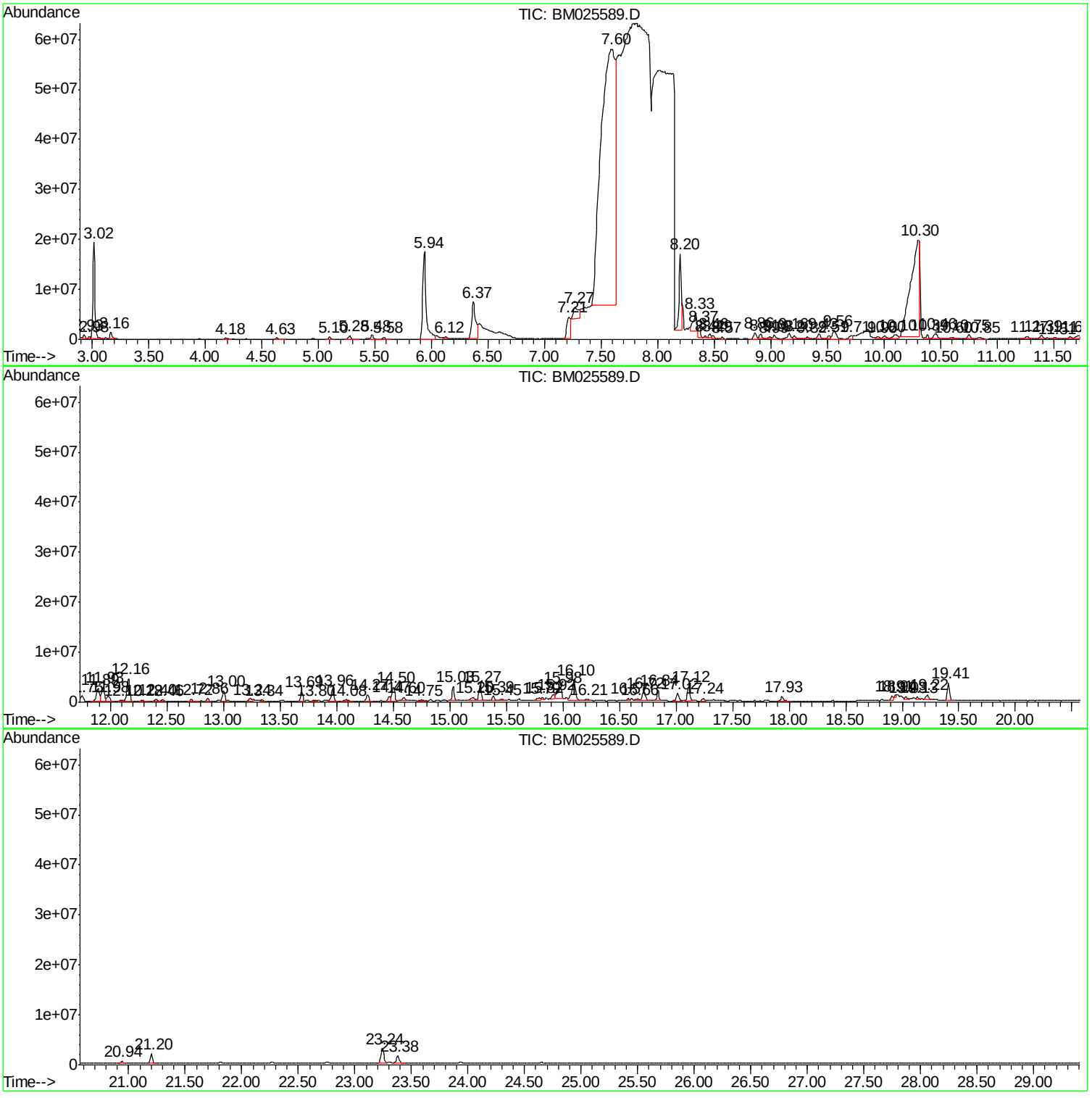
Sum of corrected areas: 834187352

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

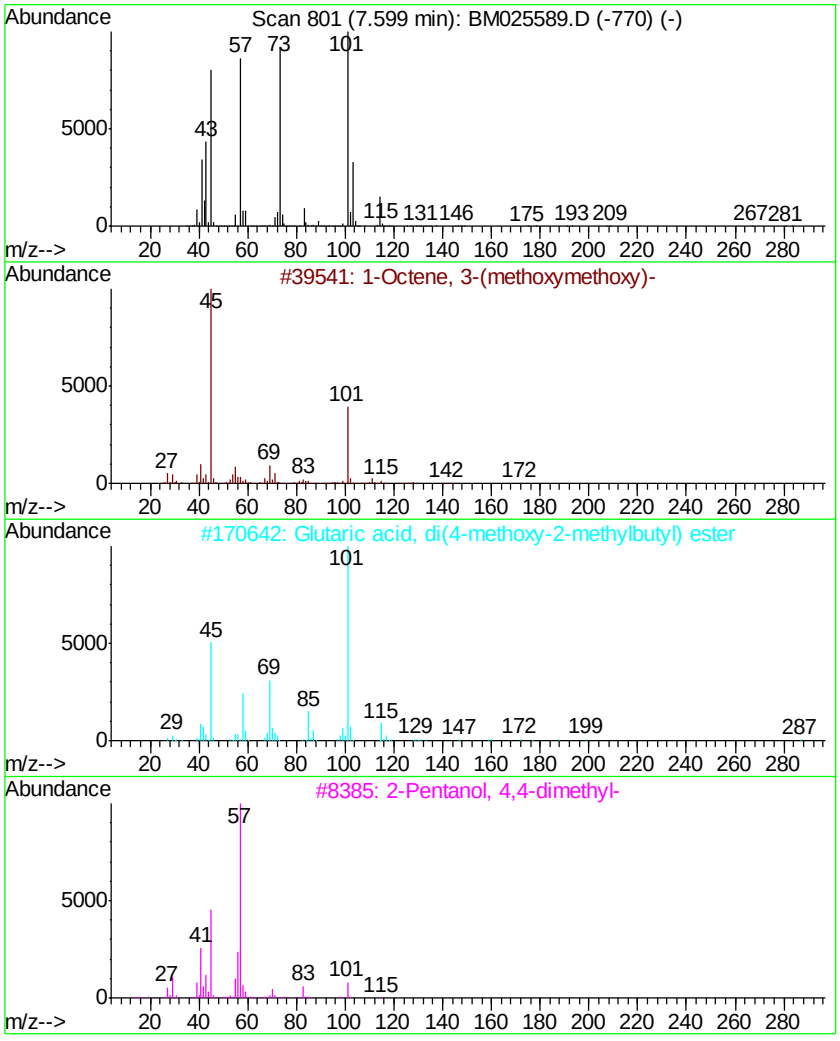
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

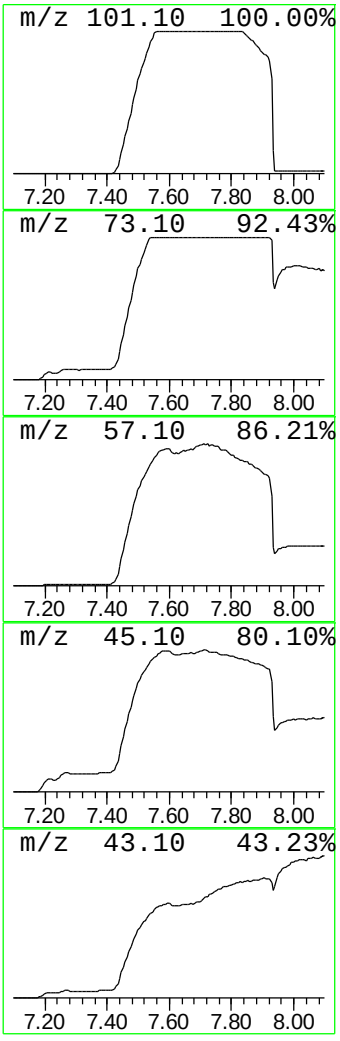
****

Peak Number 1 1-Octene, 3-(methoxymethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	20.00 ng/ul	444549000	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 3-(methoxymethoxy)-	172	C10H20O2	088738-34-5	50
2	Glutaric acid, di(4-methoxy-2-me...	332	C17H32O6	1000359-42-1	50
3	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	47
4	Succinic acid, di(4-methoxy-2-me...	318	C16H30O6	1000330-24-5	40
5	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

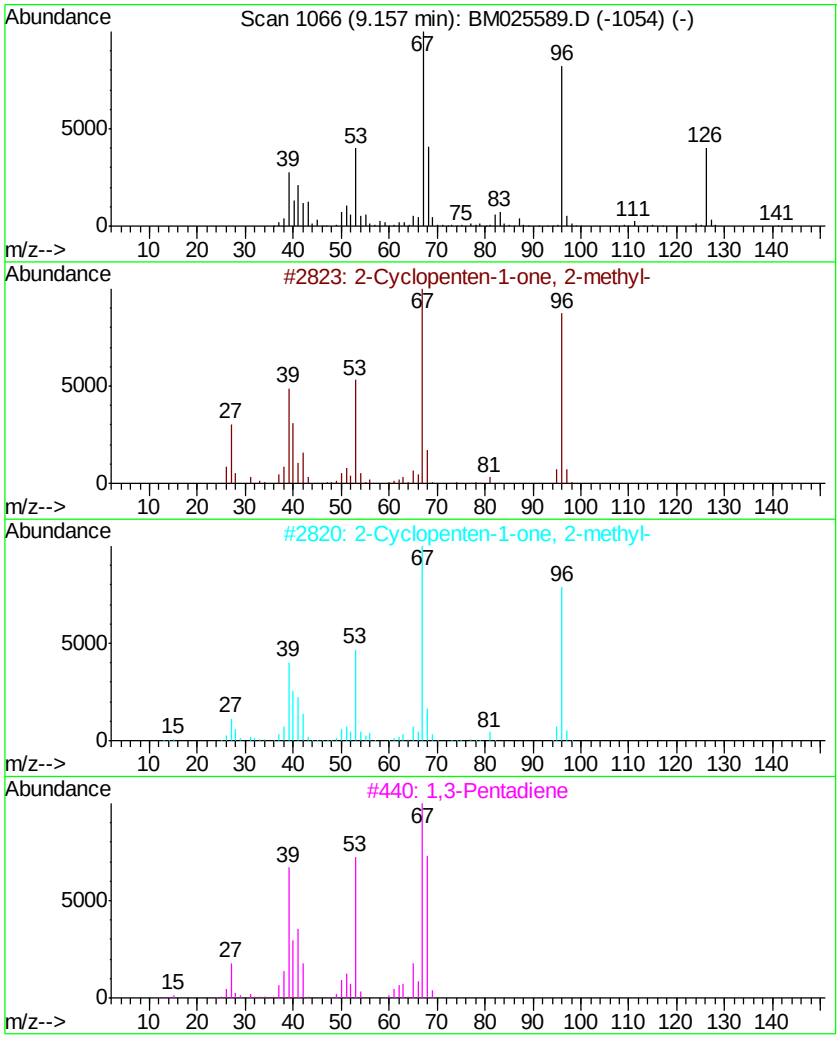
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

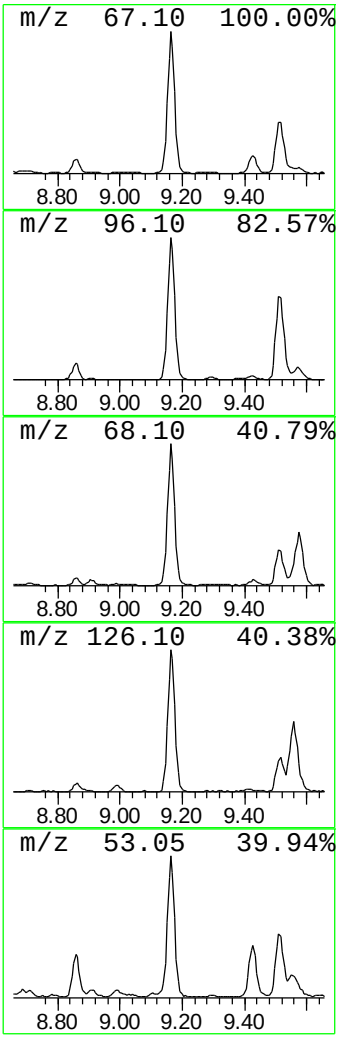
****

Peak Number 2 2-Cyclopenten-1-one, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	17.09 ng/ul	2336180	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	74
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	72
3	1,3-Pentadiene	68	C5H8	000504-60-9	49
4	1,3-Butadiene, 2-methyl-	68	C5H8	000078-79-5	49
5	1,3-Pentadiene, (Z)-	68	C5H8	001574-41-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

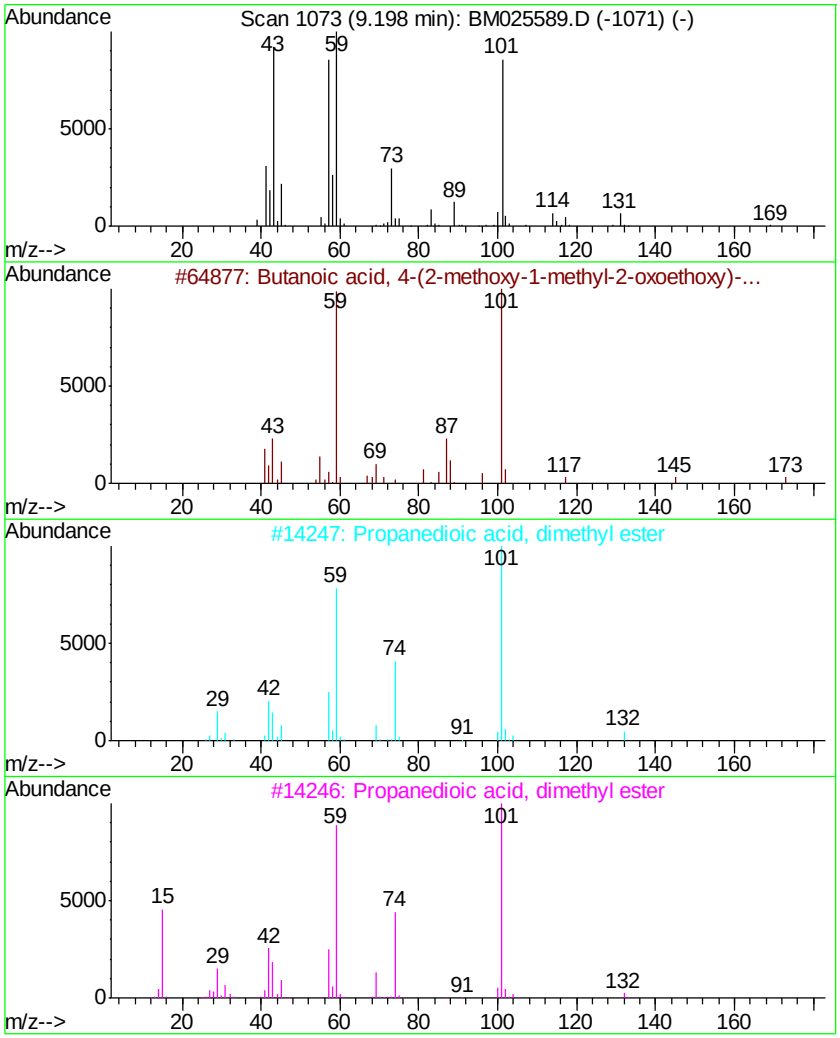
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

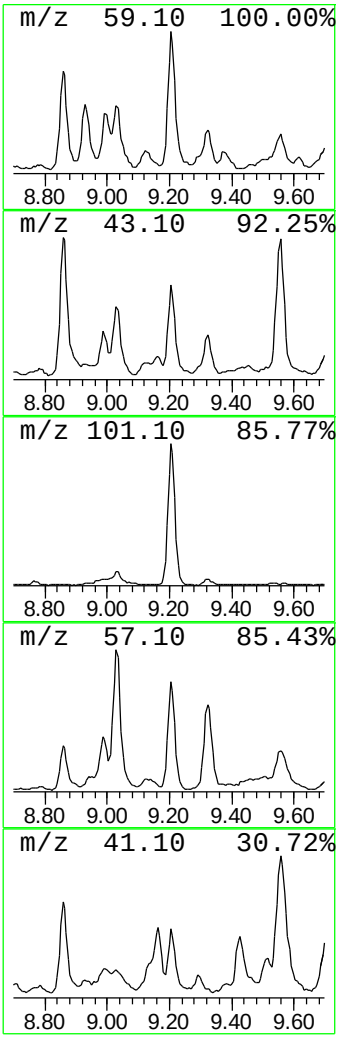
****

Peak Number 3 Butanoic acid, 4-(2-methoxy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	8.12 ng/ul	1110150	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	53
2	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	53
3	Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	40
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	38
5	Butanedioic acid, monomethyl ester	132	C5H8O4	003878-55-5	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

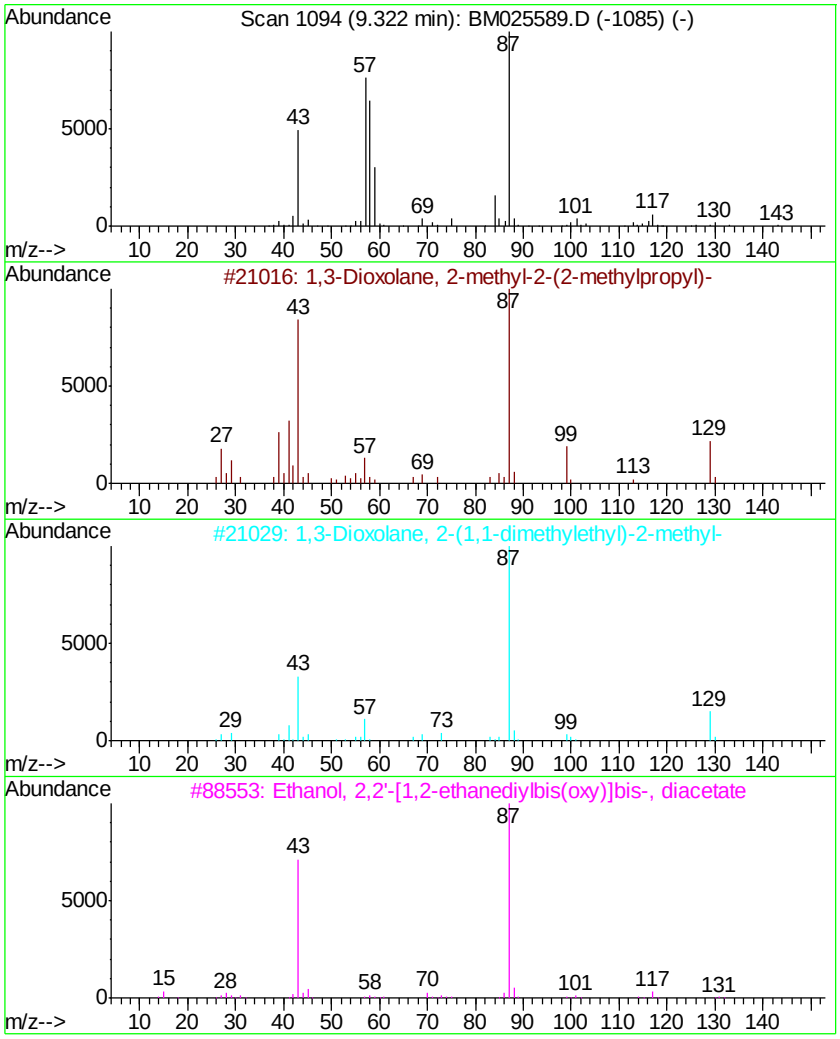
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

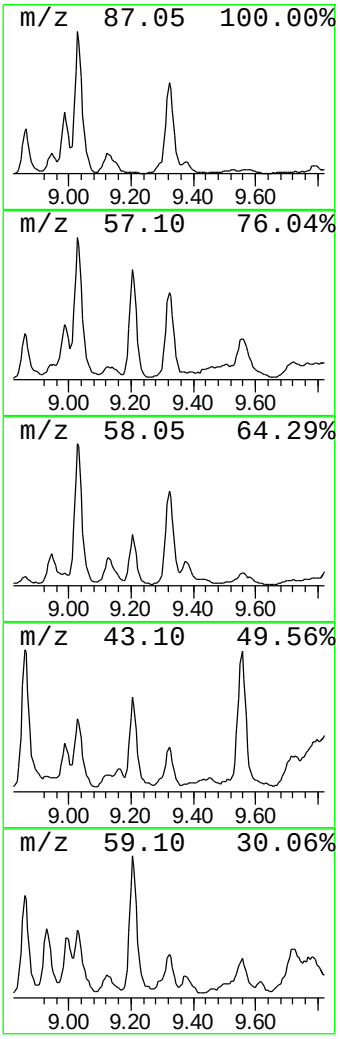
****

Peak Number 4 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	5.93 ng/ul	810753	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-2-(2-met...	144	C8H16O2	002035-08-7	32
2	1,3-Dioxolane, 2-(1,1-dimethylet...	144	C8H16O2	006135-54-2	32
3	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	25
4	1,3-Dioxolane, 2-butyl-4-methyl-	144	C8H16O2	074094-60-3	25
5	2-[2-[2-[2-[2-[2-(2-Acetyloxyeth...	410	C18H34O10	1000351-90-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

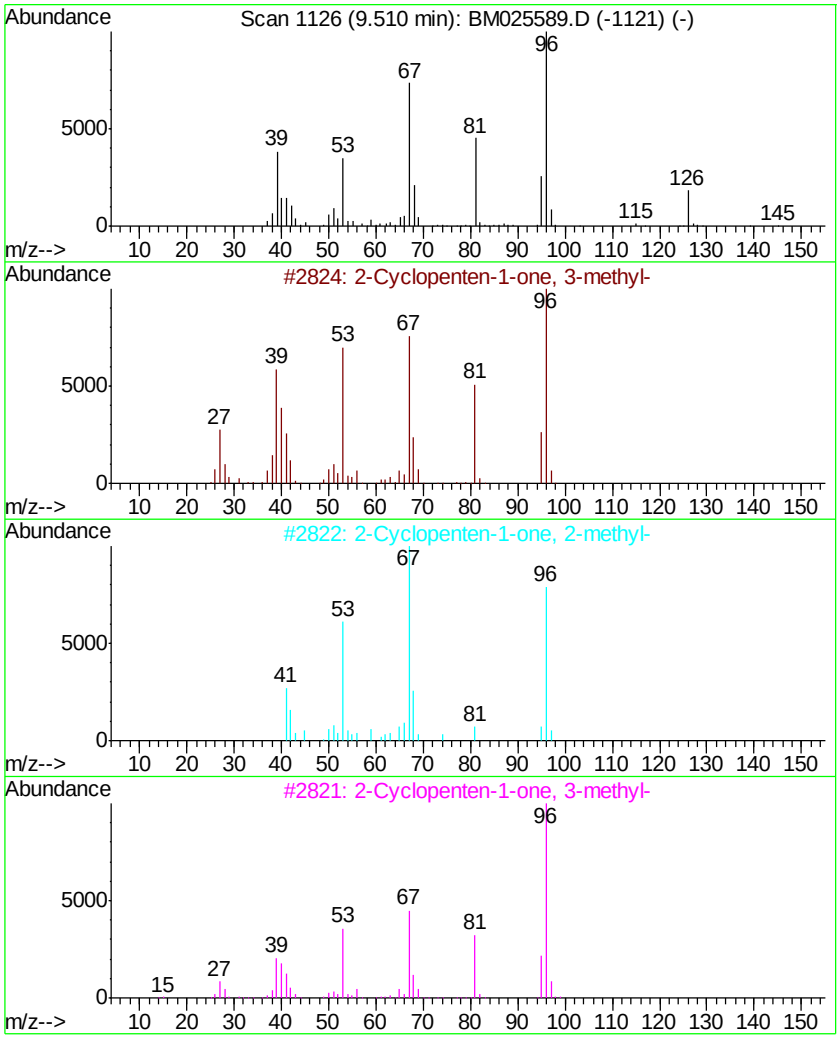
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

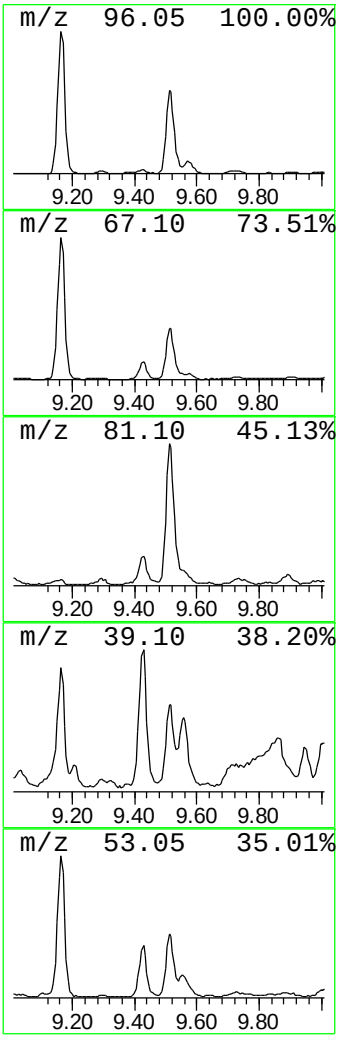
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.41 ng/ul	876572	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	76
2	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	72
3	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	58
4	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	55
5	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	53





Library Search Compound Report

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Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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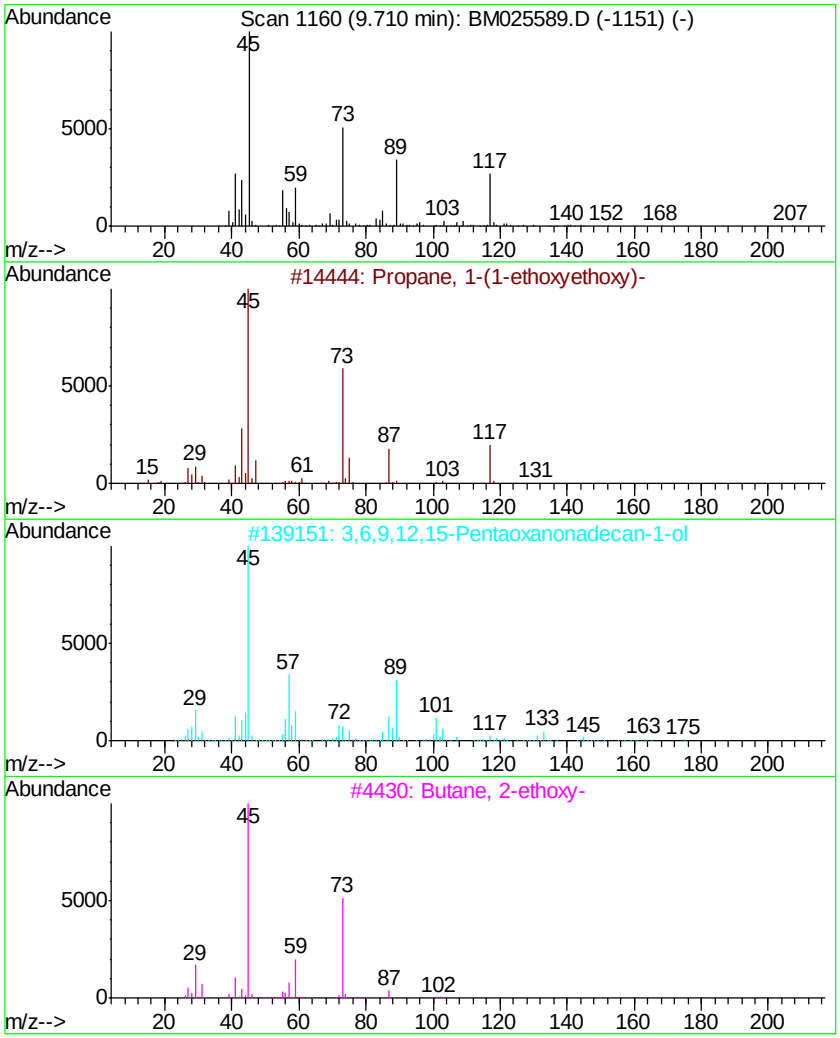
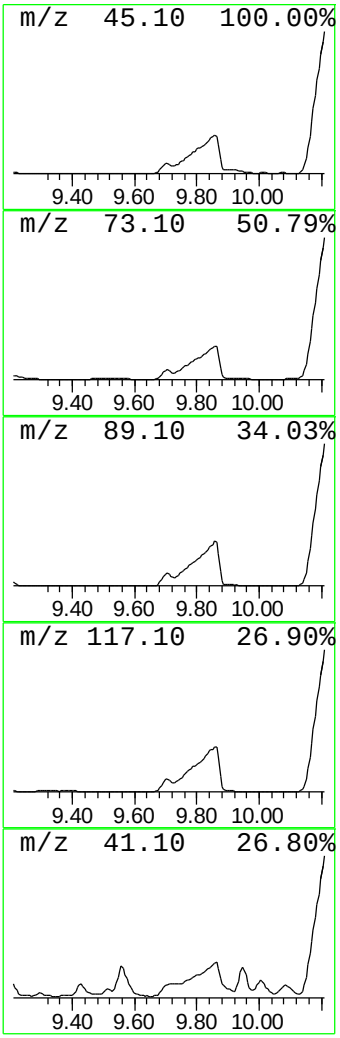
Peak Number 6 Propane, 1-(1-ethoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	10.51 ng/ul	1437360	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(1-ethoxyethoxy)-	132	C7H16O2	020680-10-8	53
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	50
3	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	50
4	2-Ethoxypentane	116	C7H16O	001817-89-6	46
5	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	45





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Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

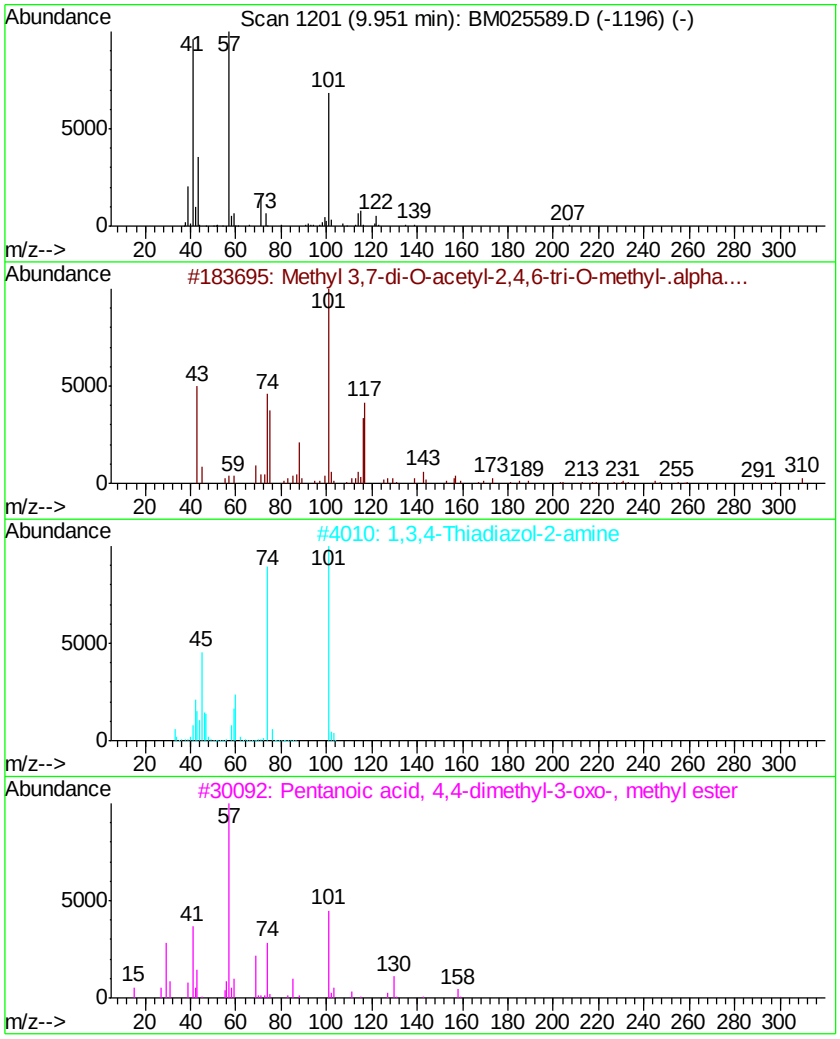
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

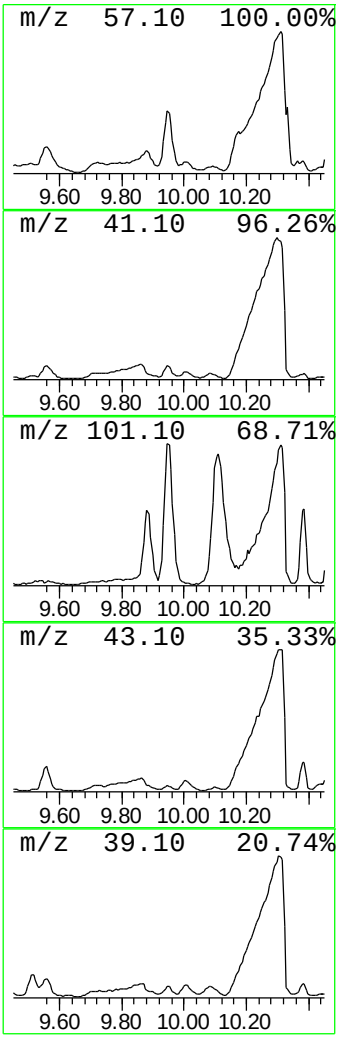
****

Peak Number 7 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.92 ng/ul	536092	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 3,7-di-O-acetyl-2,4,6-tri...	350	C15H26O9	084564-10-3	38
2	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	25
3	Pentanoic acid, 4,4-dimethyl-3-o...	158	C8H14O3	055107-14-7	25
4	Heptanoic acid, 3,6,6-trimethyl-...	186	C11H22O2	030448-48-7	25
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	23





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Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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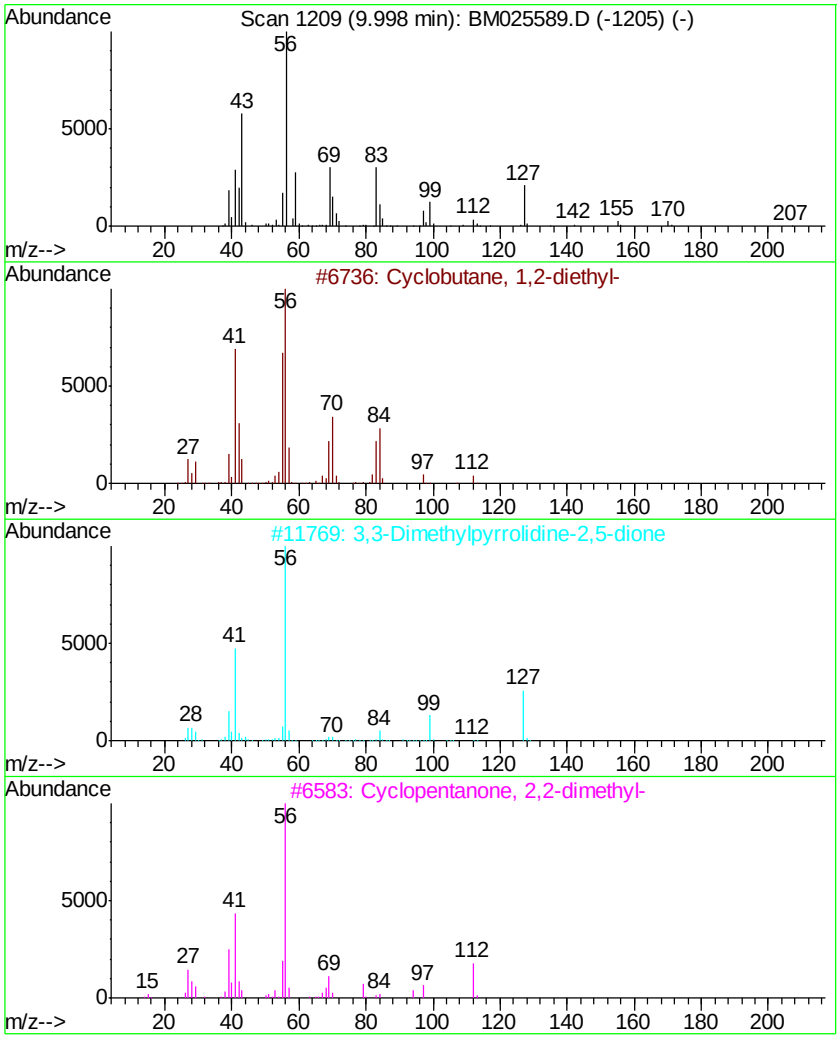
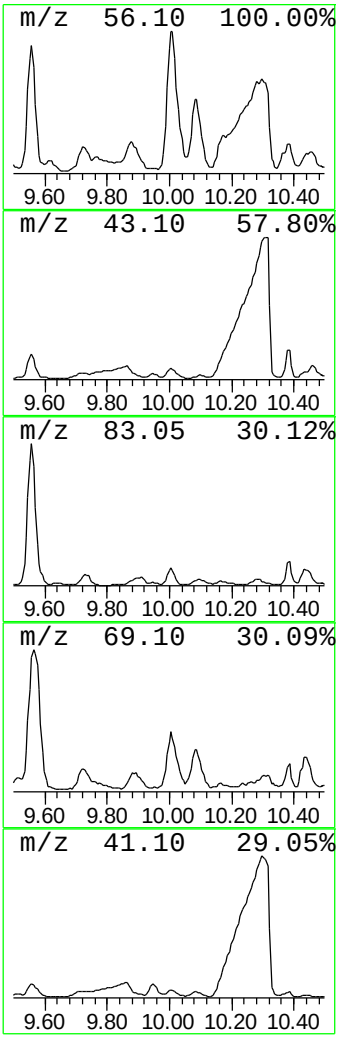
Peak Number 8 (DEL) Alkane: Cyclic10.00 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	6.75 ng/ul	923383	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	43
2	3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9NO2	003437-29-4	43
3	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38
4	Cyclohexanamine	99	C6H13N	000108-91-8	38
5	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
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Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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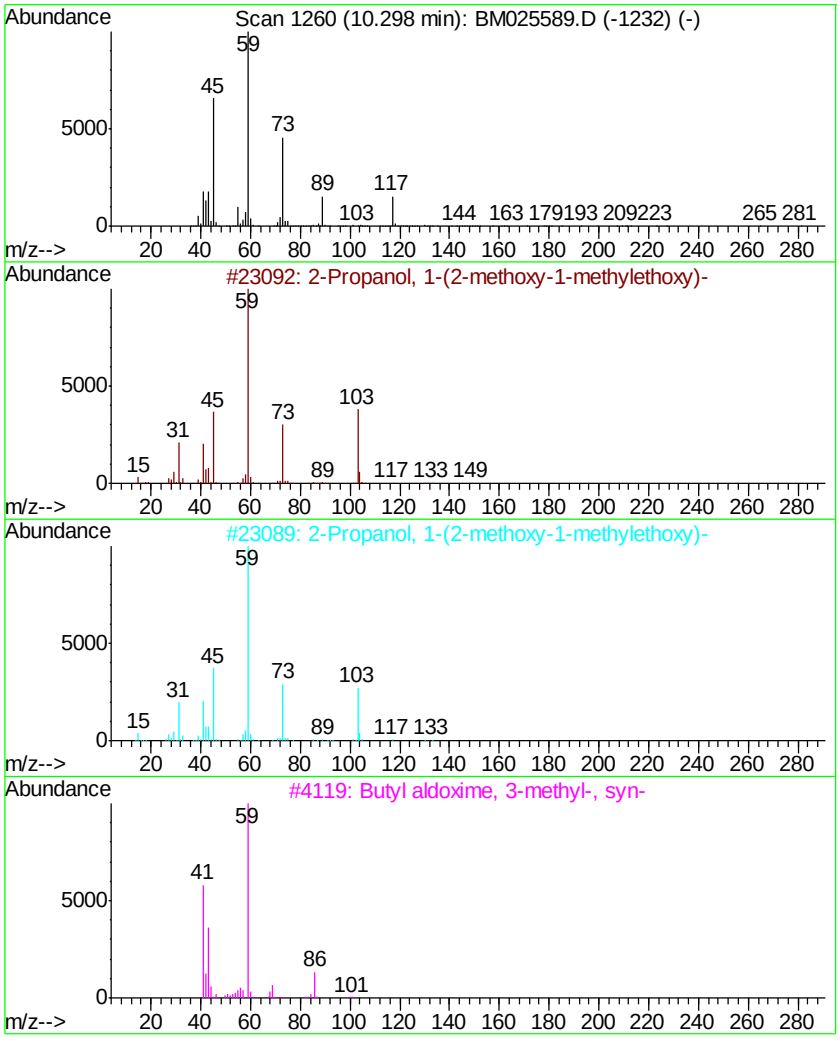
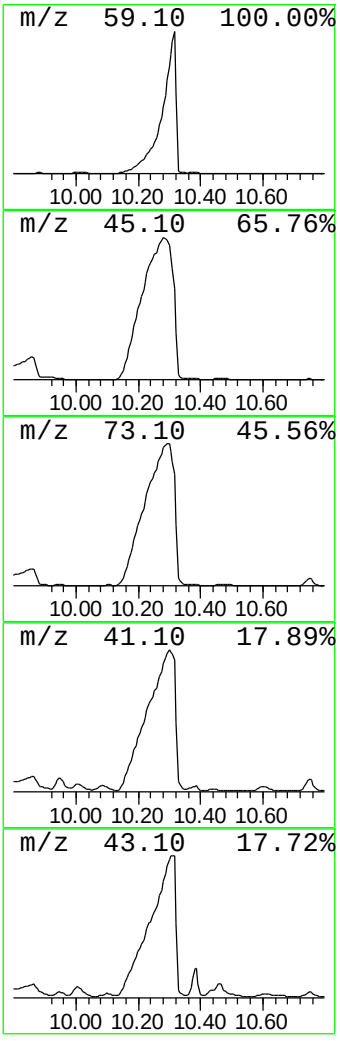
Peak Number 9 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	742.04 ng/ul	101437000	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	45
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	43
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	40
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	40





Library Search Compound Report

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Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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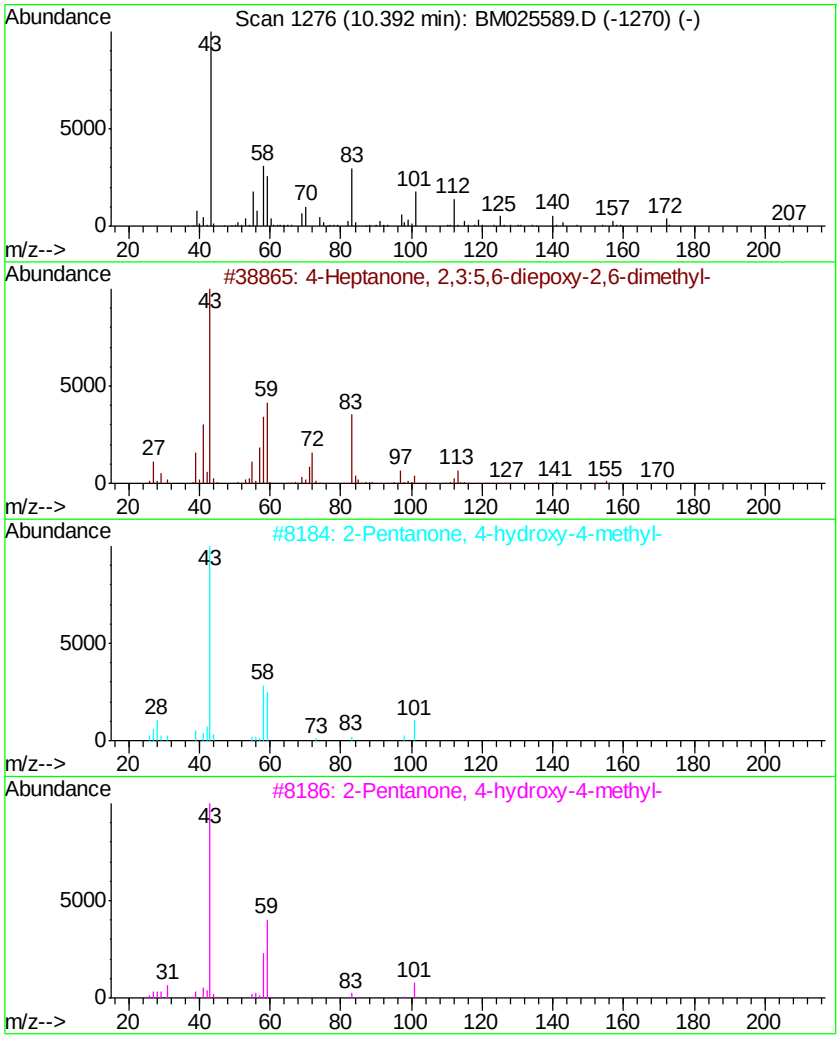
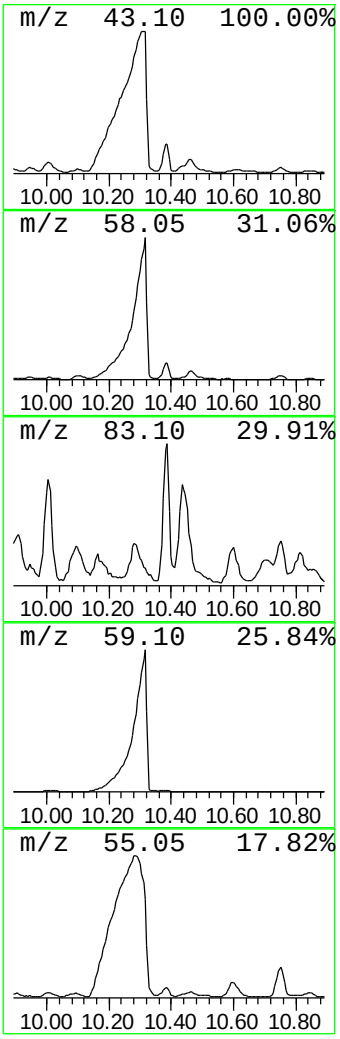
Peak Number 10 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	7.58 ng/ul	1035550	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,3:5,6-diepoxy-2,6...	170	C9H14O3	006228-86-0	33
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	16
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	12
5	Octanoic acid, 7-oxo-	158	C8H14O3	014112-98-2	12





Library Search Compound Report

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Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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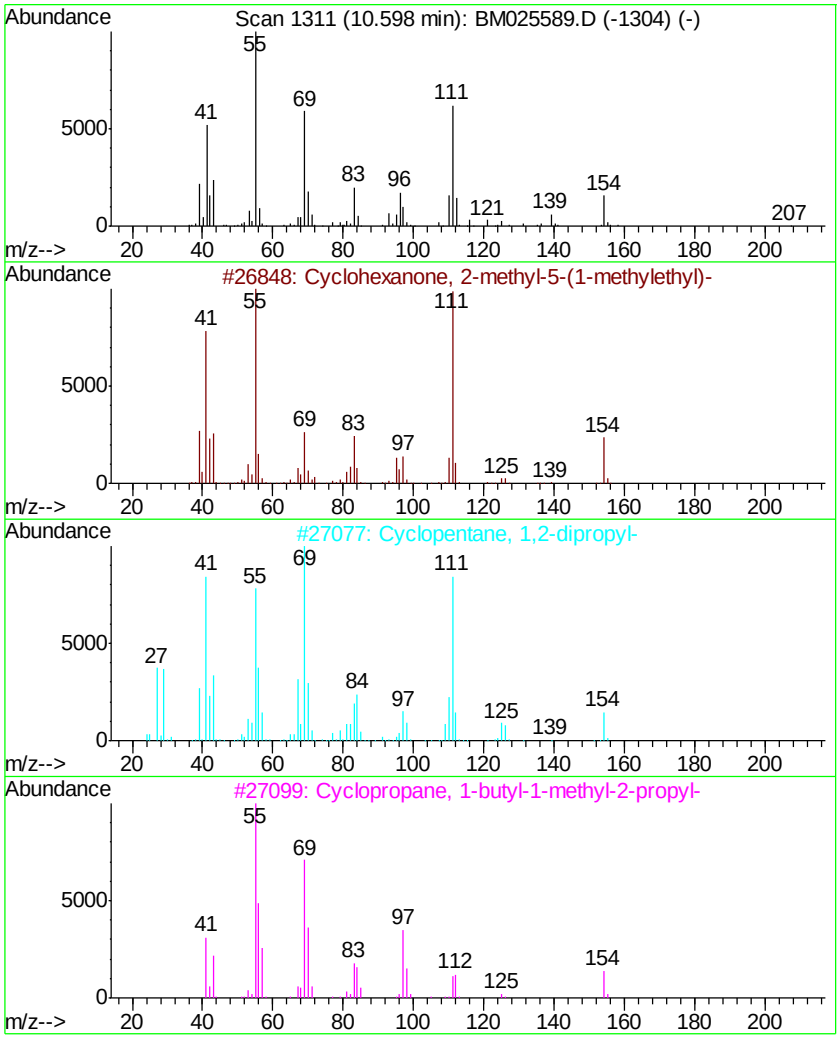
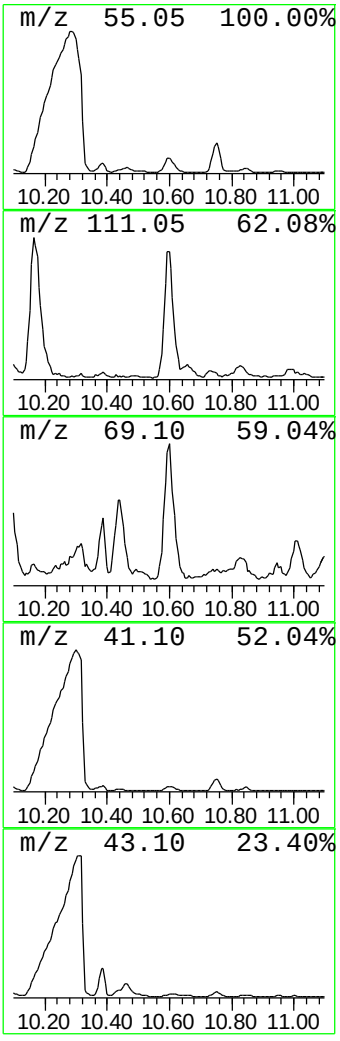
Peak Number 11 Cyclohexanone, 2-methyl-5-(... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.64 ng/ul	907028	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	62
2	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	52
3	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	38
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	38





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Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

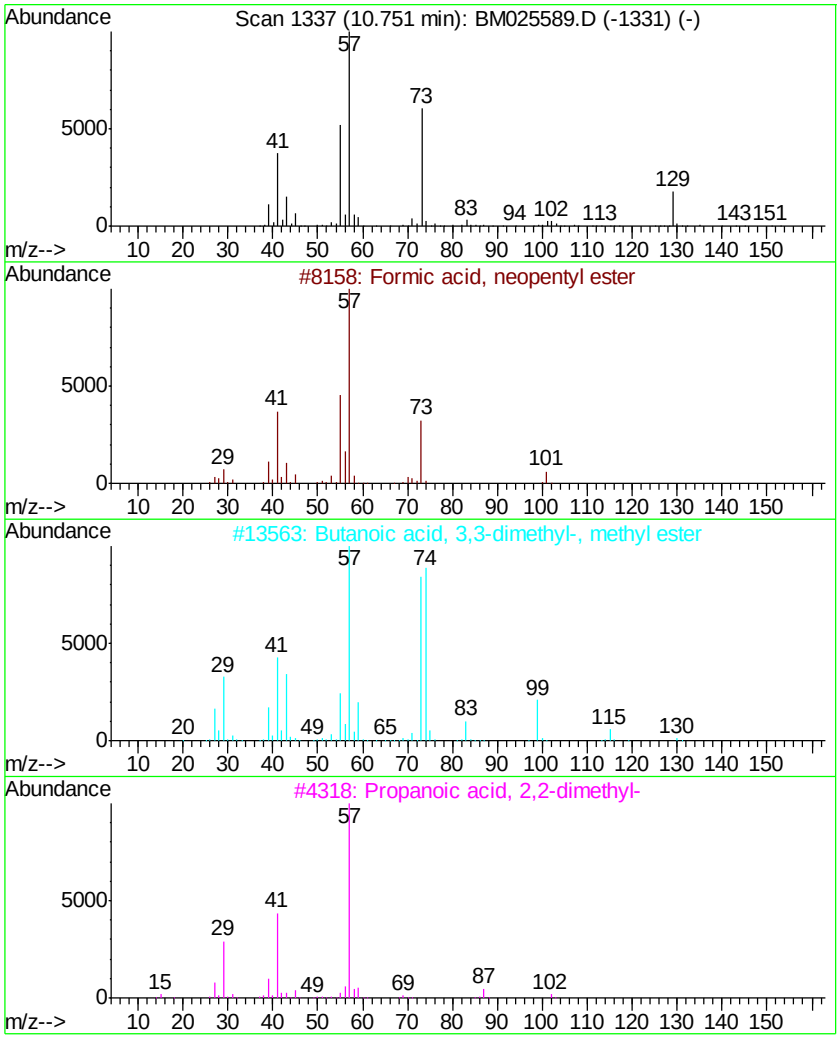
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

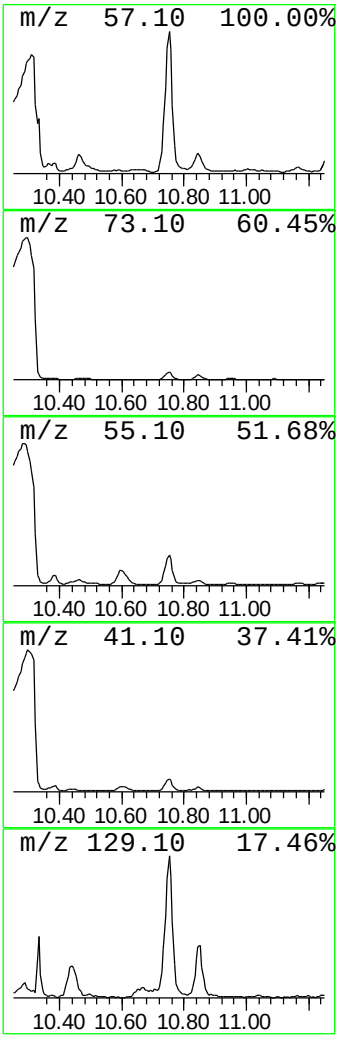
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Formic acid, neopentyl ester Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	10.14 ng/ul	1386530	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, neopentyl ester	116	C6H12O2	1000367-90-3	59
2	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	38
3	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	35
4	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	27
5	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	23





Library Search Compound Report

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Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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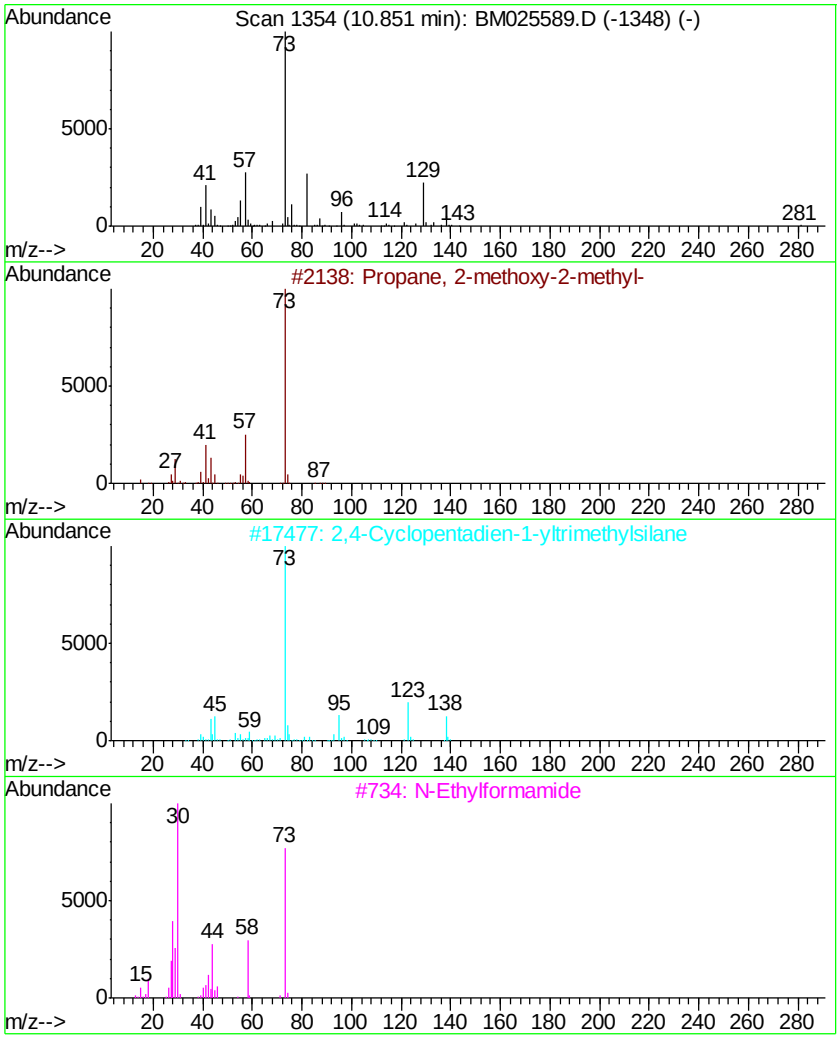
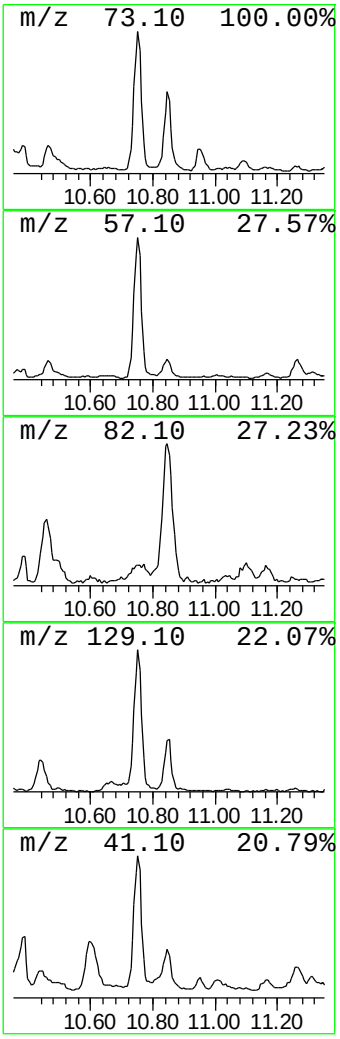
Peak Number 13 unknown-04 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.19 ng/ul	709780	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	10
2	2,4-Cyclopentadien-1-yltrimethyl...	138	C8H14Si	003559-74-8	10
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane-2-methanol	104	C4H8O3	005694-68-8	9
5	Silane, trimethyl(3-methylbutyl)-	144	C8H20Si	018291-15-1	9





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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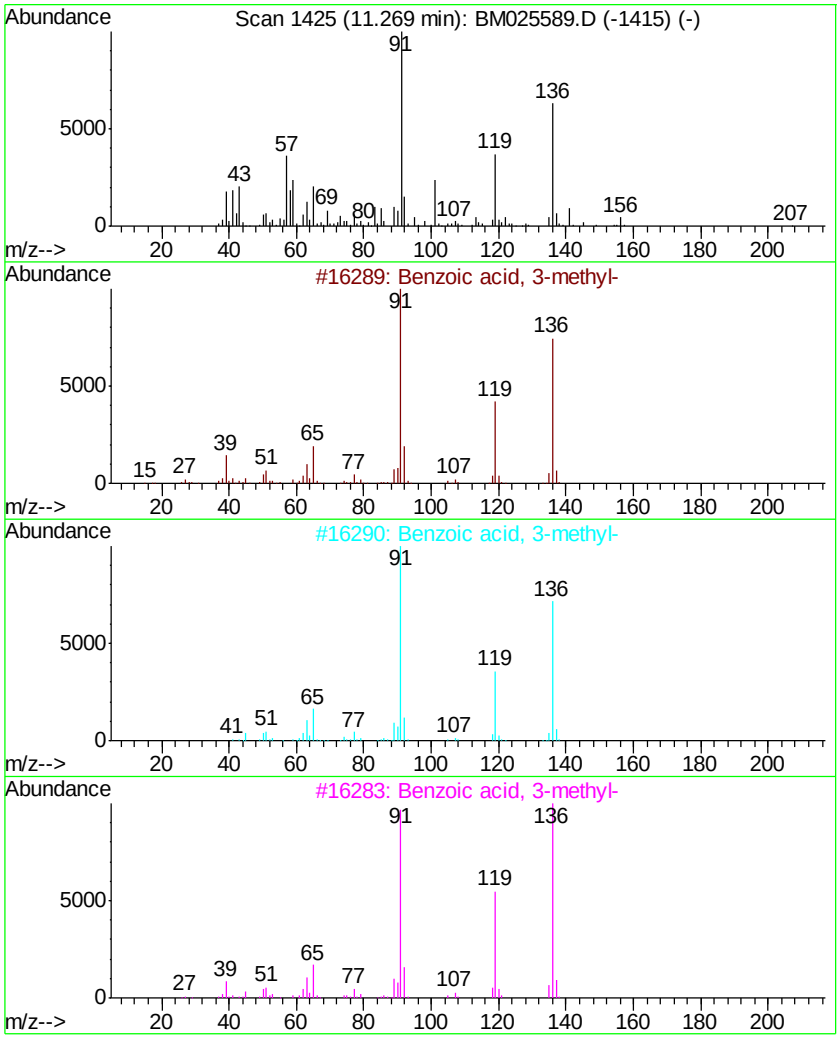
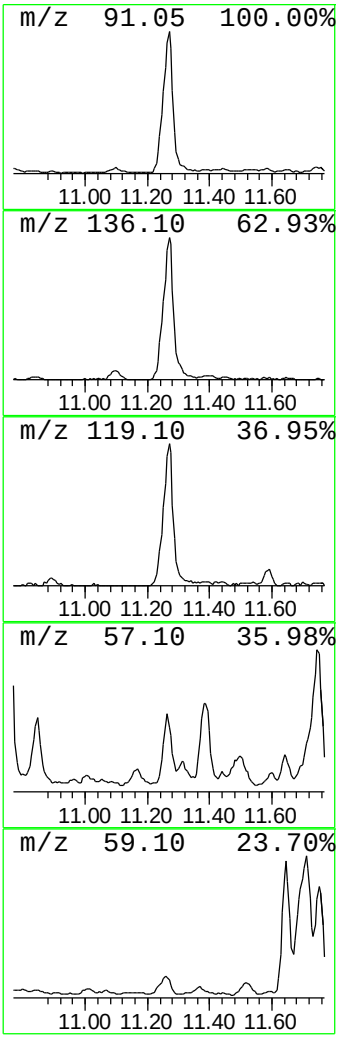
Peak Number 14 Benzoic acid, 3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.82 ng/ul	1069550	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	95
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	92
3	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	90
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	60
5	Benzeneacetic acid	136	C8H8O2	000103-82-2	46





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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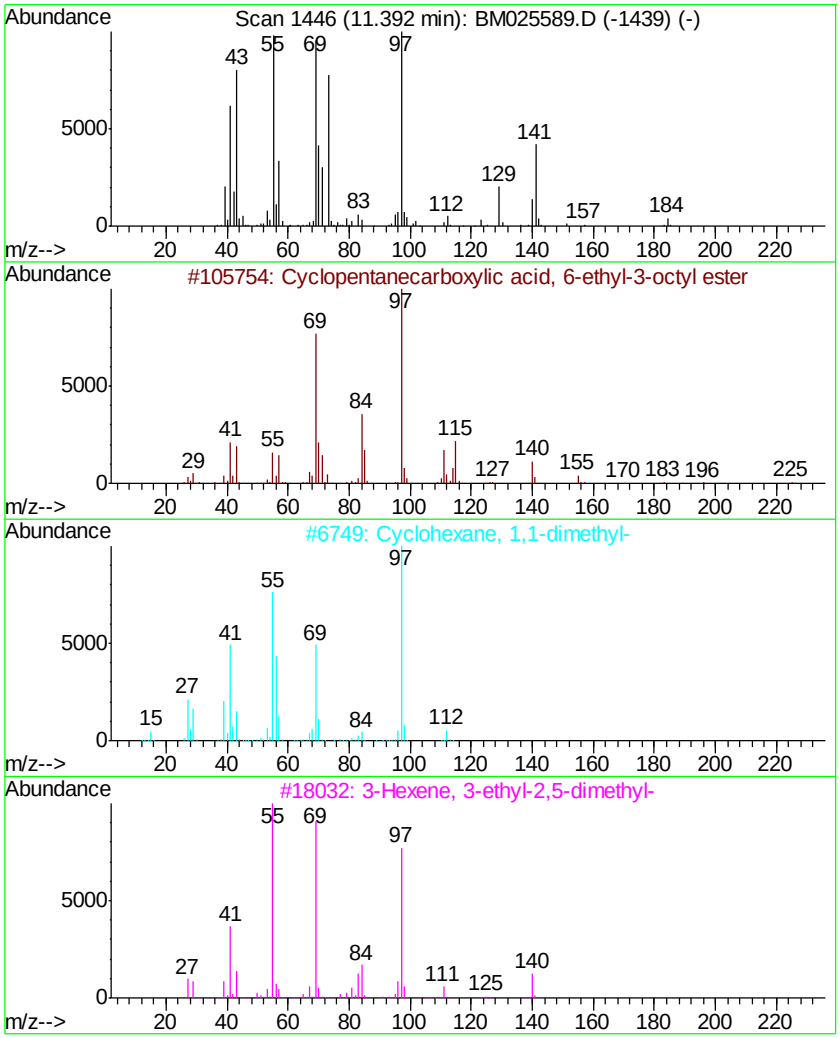
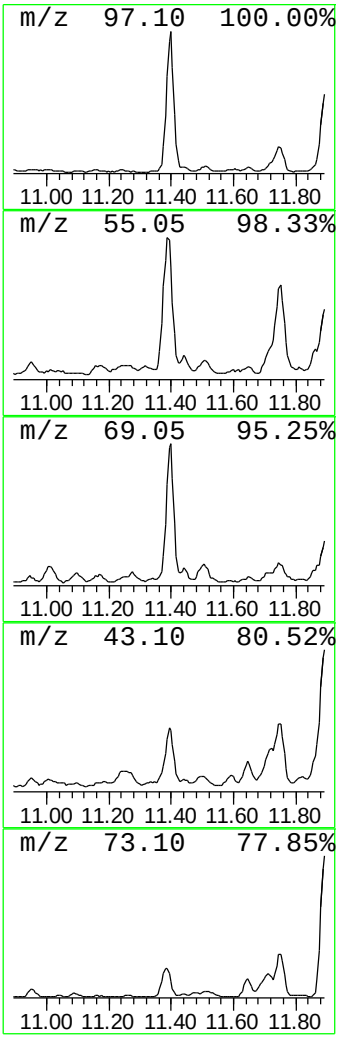
Peak Number 15 unknown-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	10.28 ng/ul	1404860	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 6-e...	254	C16H30O2	1000282-59-2	47
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	35
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	35
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	25





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Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

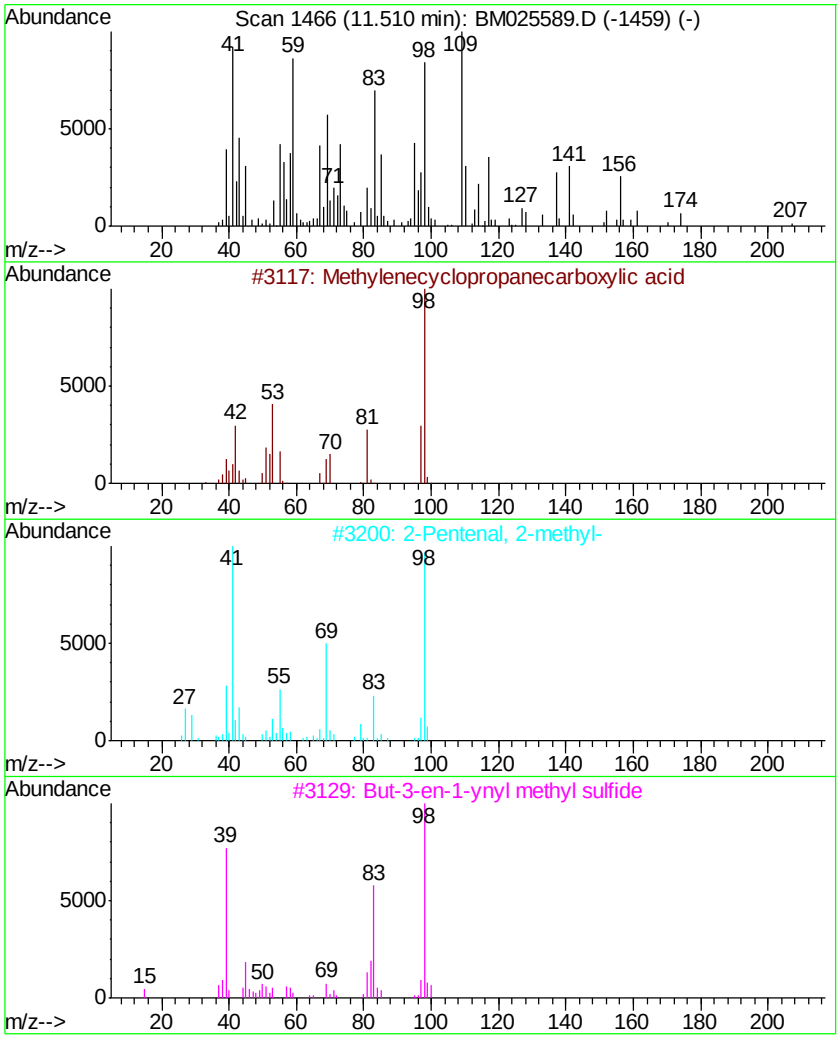
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

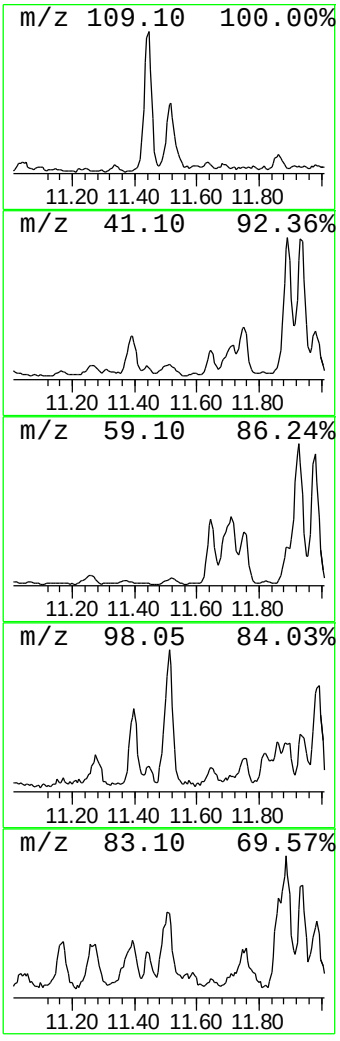
****

Peak Number 16 unknown-06 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.40 ng/ul	737525	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylenecyclopropanecarboxylic ...	98	C5H6O2	062266-36-8	11
2	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	11
3	But-3-en-1-ynyl methyl sulfide	98	C5H6S	1000298-90-8	11
4	3-Formyl-1-methyl-2(1H)-pyridone	137	C7H7NO2	1000306-46-7	11
5	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	11





Library Search Compound Report

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Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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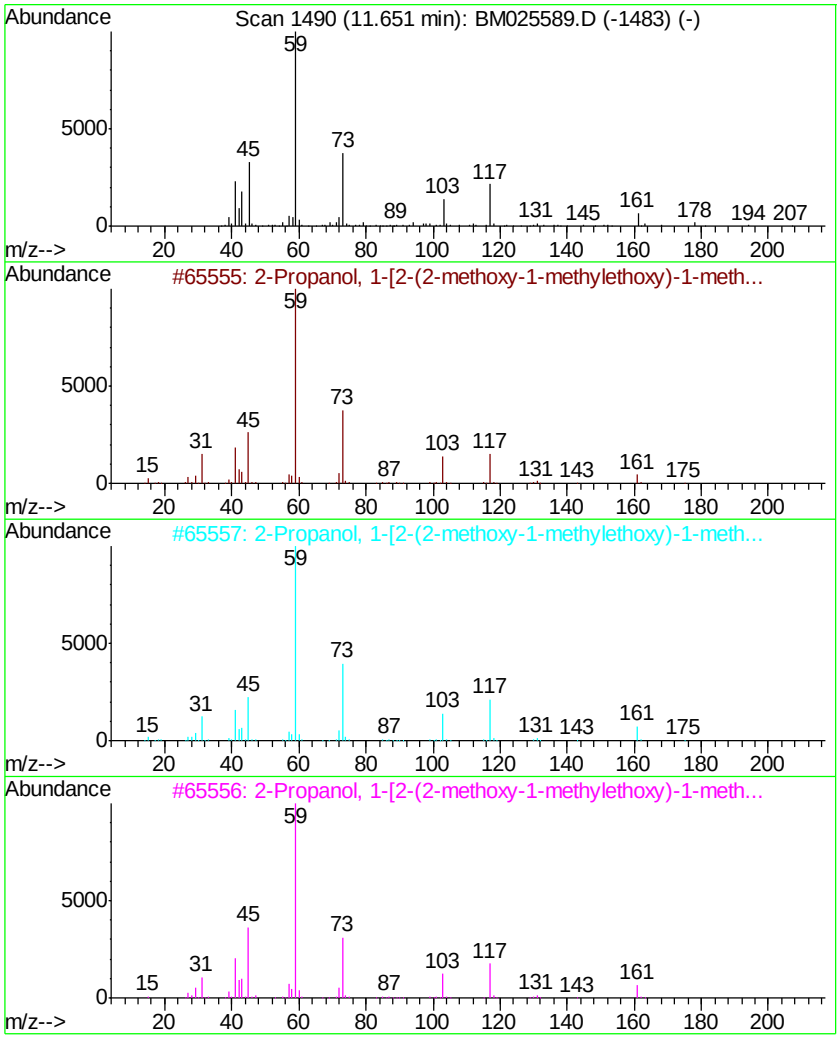
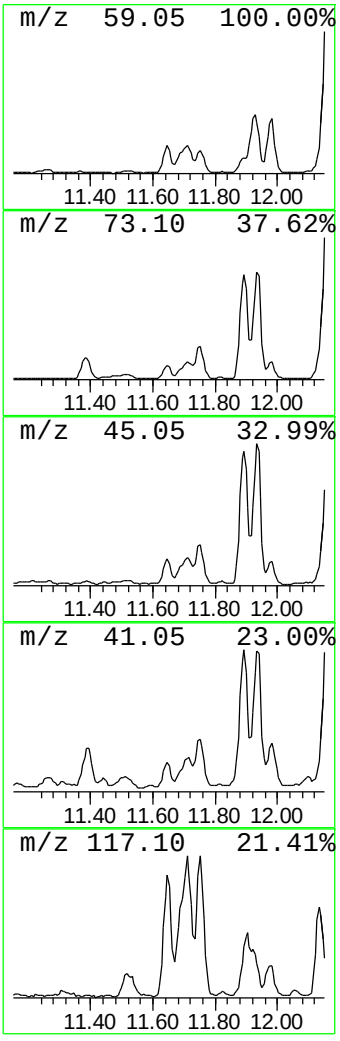
Peak Number 17 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.49 ng/ul	887619	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	86
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	86
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	86
4	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64
5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

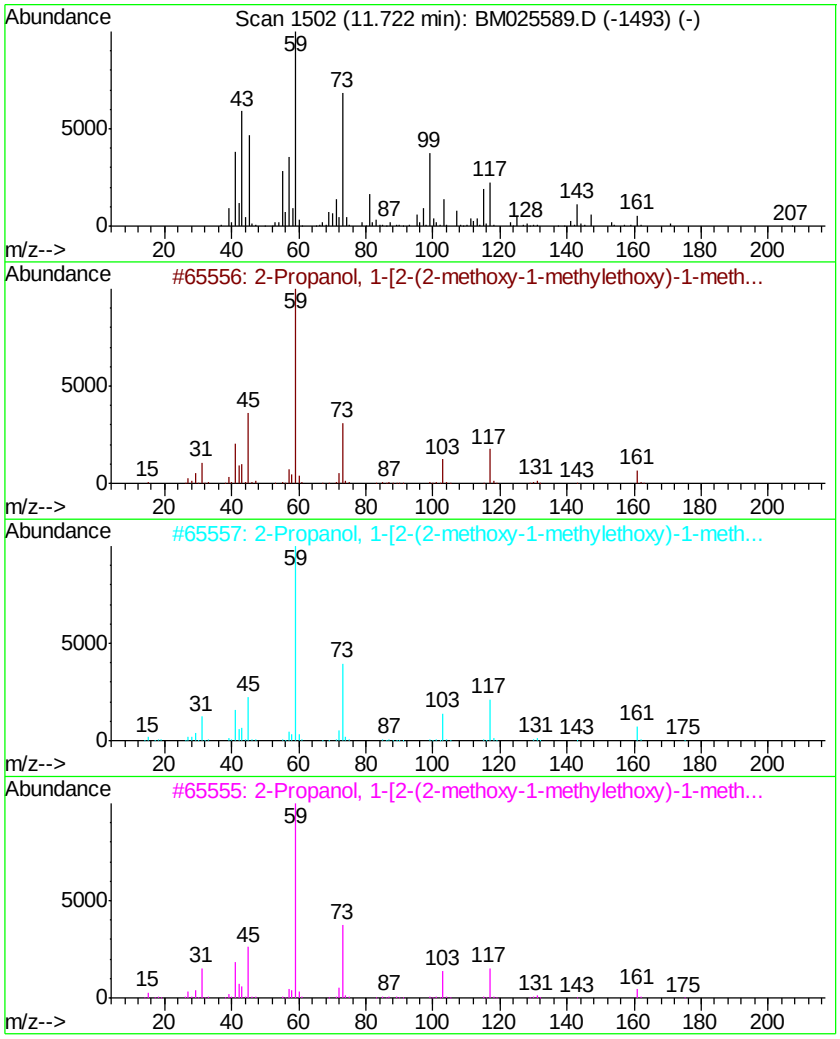
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

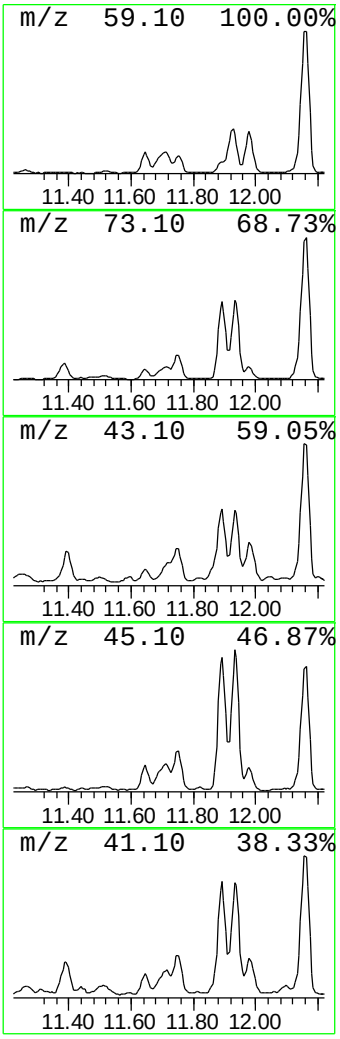
****

Peak Number 18 Propanol, [(butoxymethyleth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	9.90 ng/ul	1352900	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	78
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
3	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	59
4	Propanol, [(butoxymethylethoxy)m...	248	C13H28O4	055934-93-5	50
5	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	50





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Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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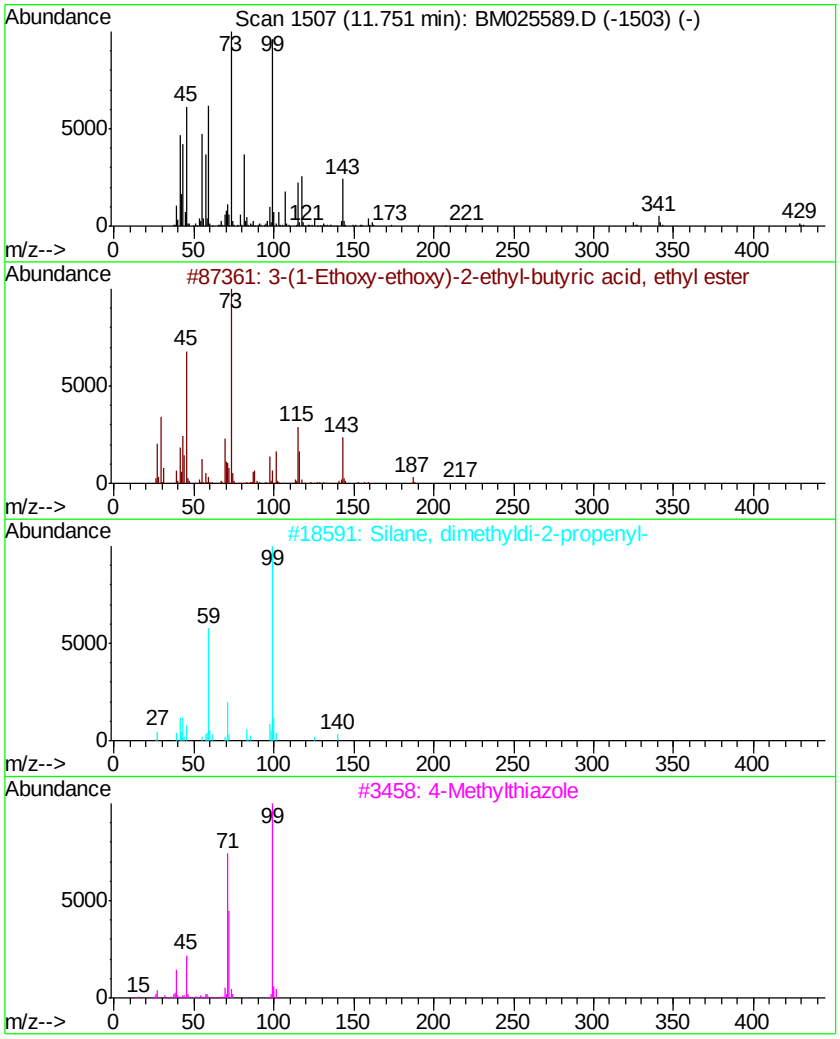
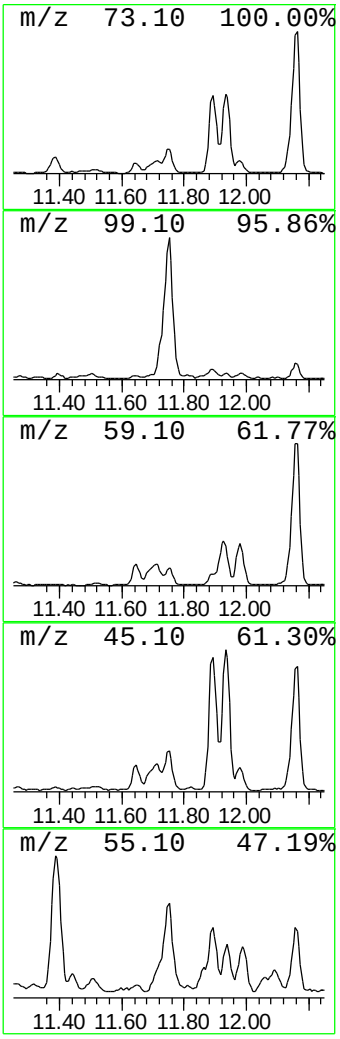
Peak Number 19 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.38 ng/ul	1965480	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(1-Ethoxy-ethoxy)-2-ethyl-buty...	232	C12H24O4	087519-08-2	27
2	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	25
3	4-Methylthiazole	99	C4H5NS	000693-95-8	22
4	Succinimide	99	C4H5NO2	000123-56-8	18
5	2-Propanol, 1-ethoxy-	104	C5H12O2	001569-02-4	14





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Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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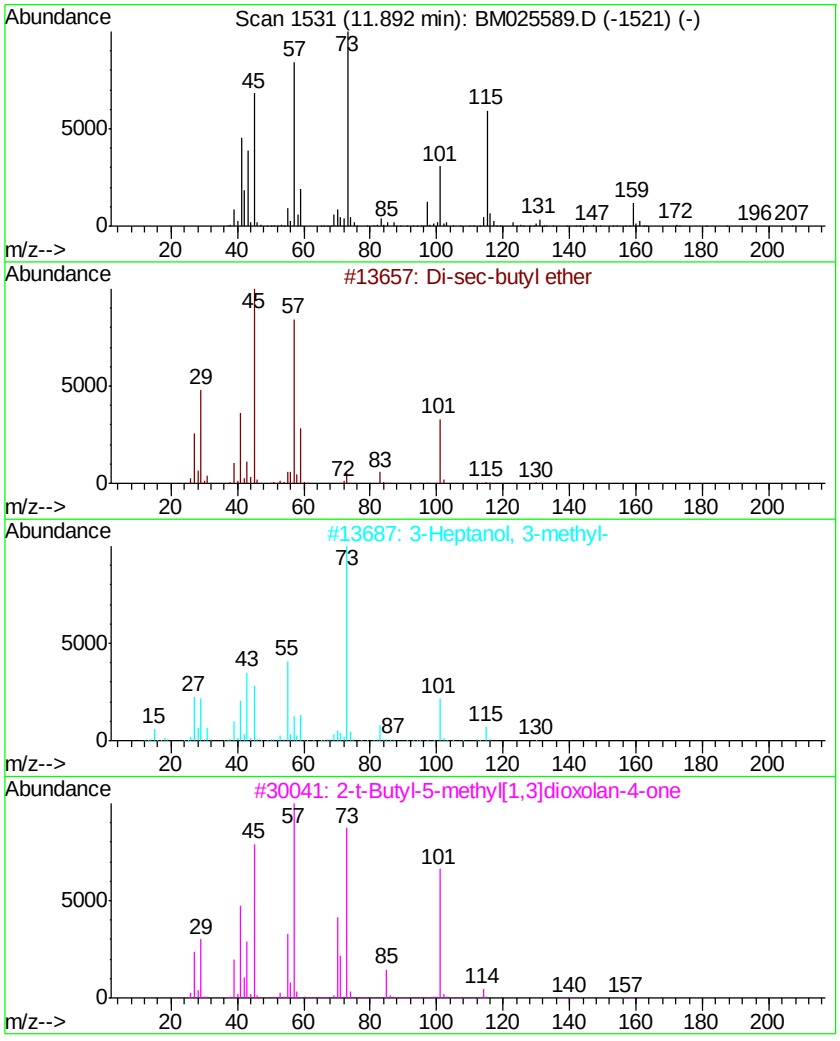
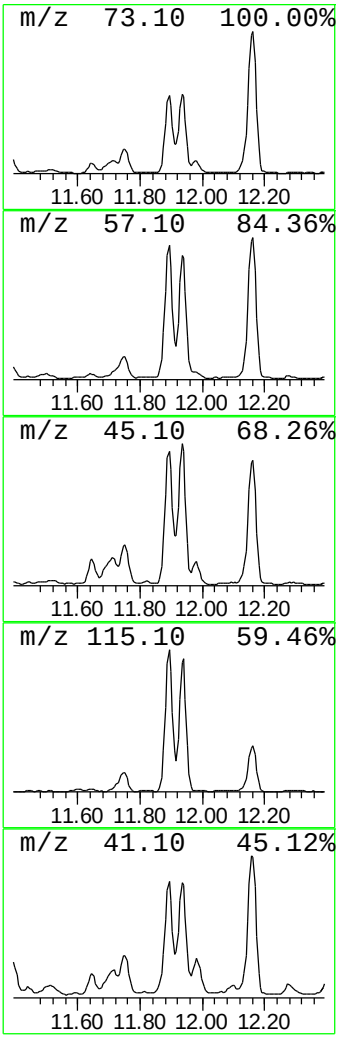
Peak Number 20 unknown-08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	36.21 ng/ul	4950320	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-butyl ether	130	C8H18O	006863-58-7	43
2	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	38
3	2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	38
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	35
5	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	32





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Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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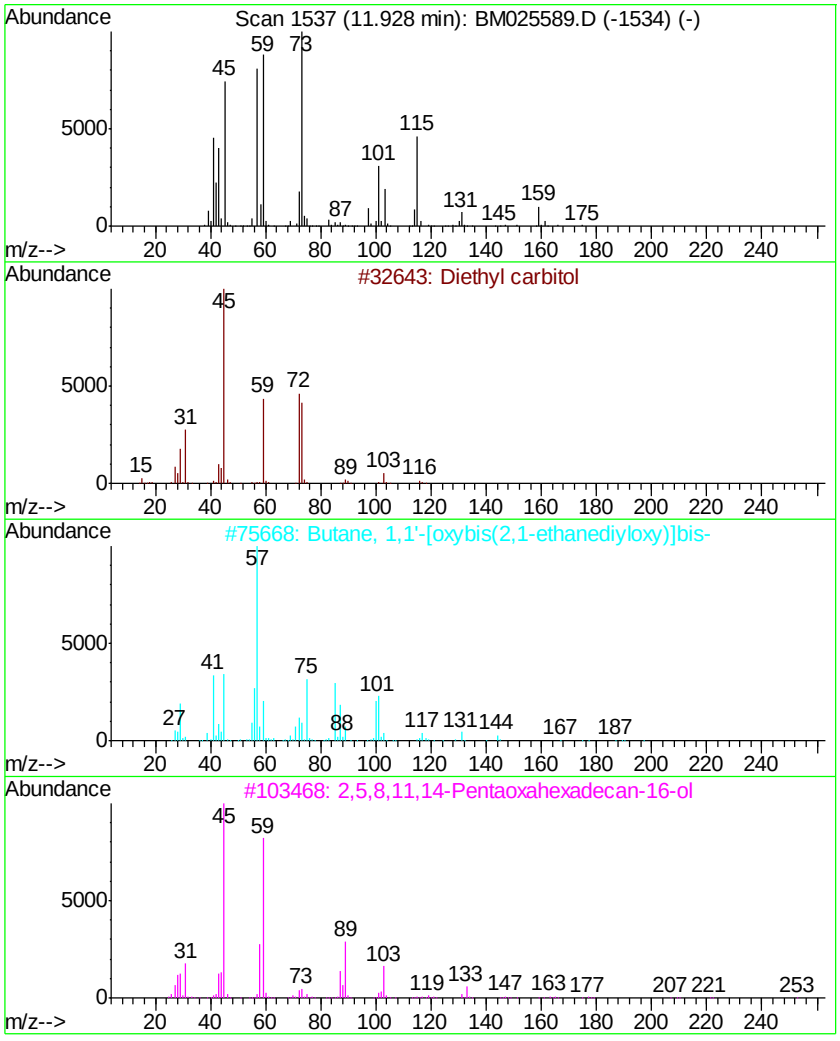
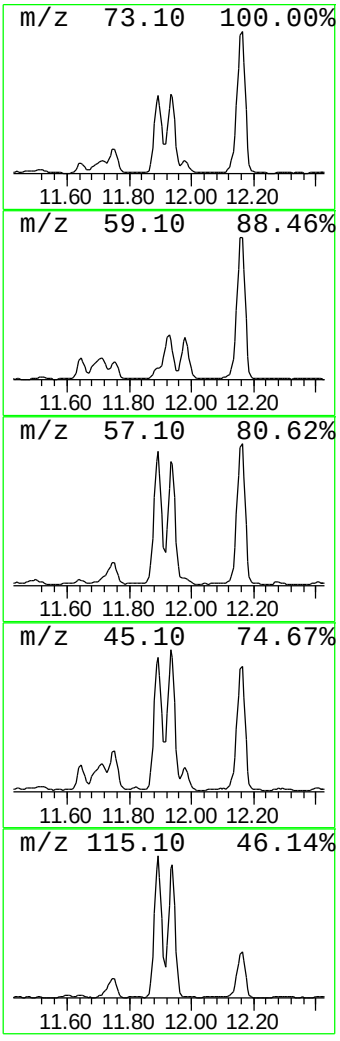
Peak Number 21 unknown-09 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	37.64 ng/ul	5145000	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl carbitol	162	C8H18O3	000112-36-7	35
2	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	32
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	25
4	Acetic acid, (2-ethoxy)ethoxy-, ...	162	C7H14O4	016326-34-4	25
5	Butane, 1-isothiocyanato-	115	C5H9NS	000592-82-5	22





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Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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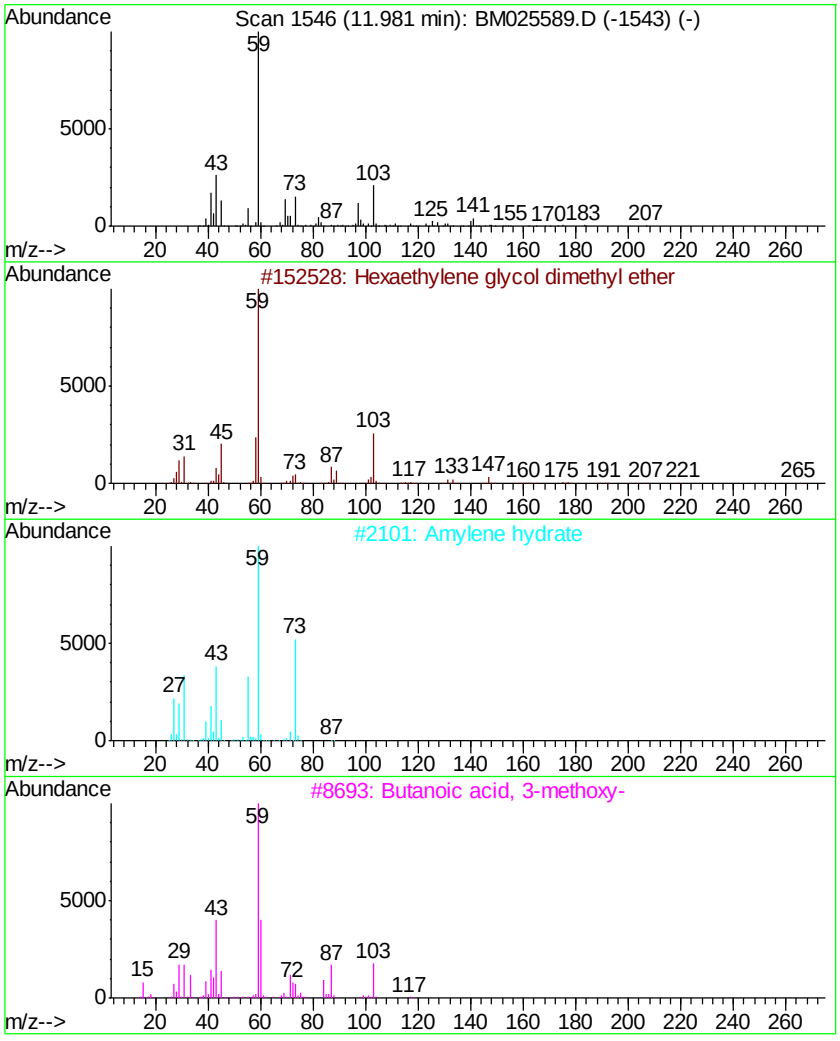
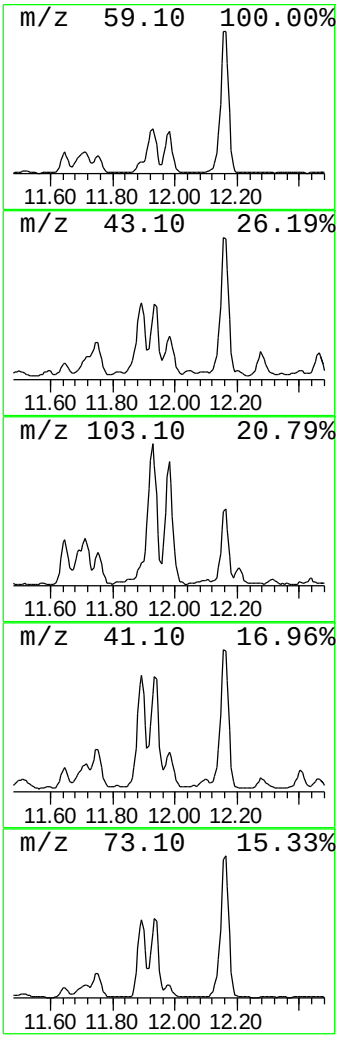
Peak Number 22 unknown-10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	13.08 ng/ul	1788010	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	45
2	Amylene hydrate	88	C5H12O	000075-85-4	40
3	Butanoic acid, 3-methoxy-	118	C5H10O3	010024-70-1	38
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	36
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	36





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Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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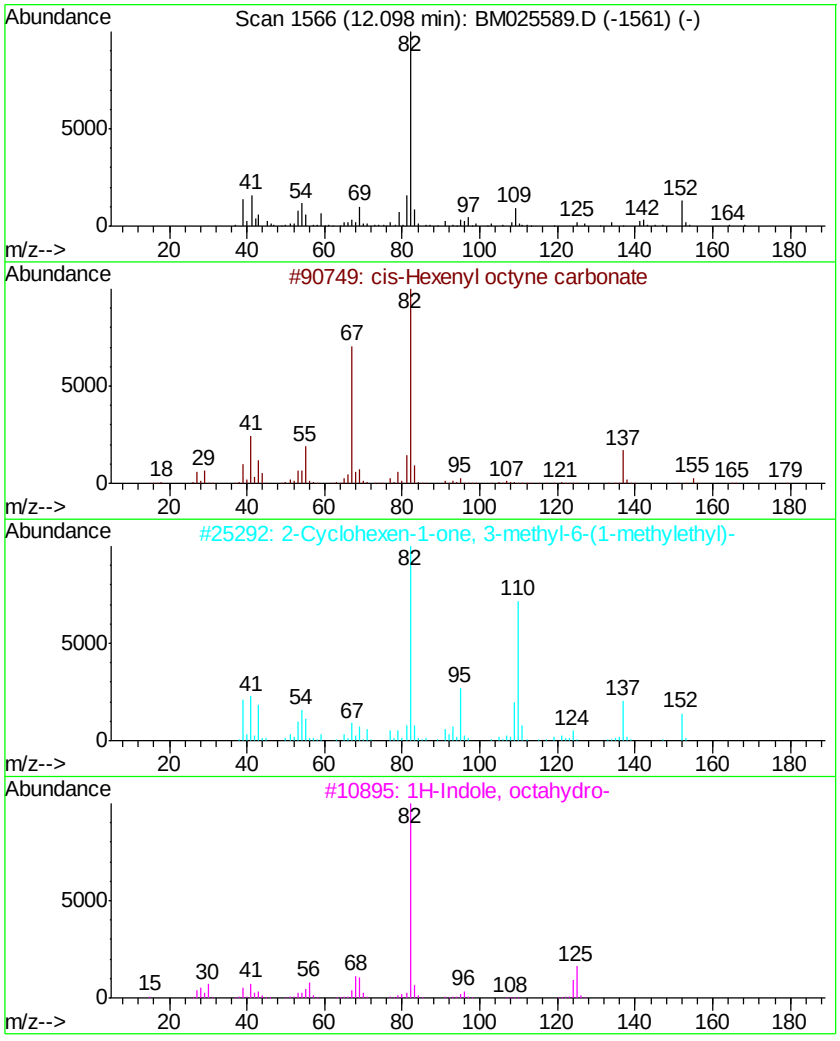
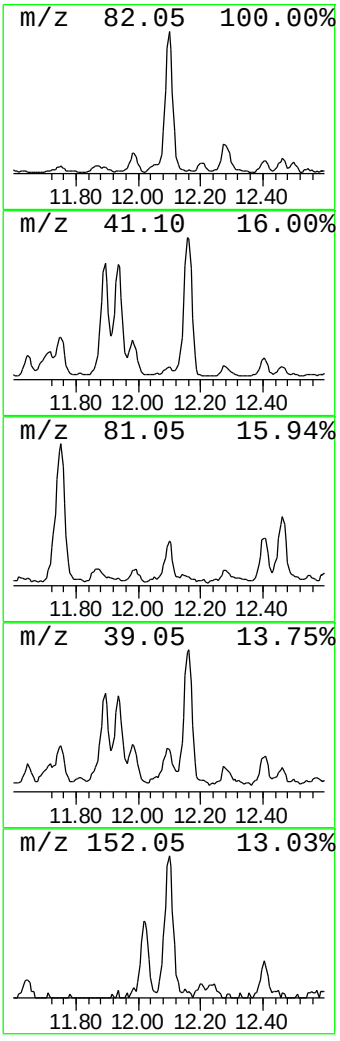
Peak Number 23 cis-Hexenyl octyne carbonate Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.51 ng/ul	479198	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Hexenyl octyne carbonate	236	C15H24O2	068480-29-5	59
2	2-Cyclohexen-1-one, 3-methyl-6-(...	152	C10H16O	000089-81-6	50
3	1H-Indole, octahydro-	125	C8H15N	004375-14-8	50
4	2-Oxa-spiro[4.5]dec-8-ene-1,7-di...	226	C11H14O5	1000300-51-3	45
5	1H-Imidazole-4-ethanamine, .alph...	125	C6H11N3	006986-90-9	42





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Misc :
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Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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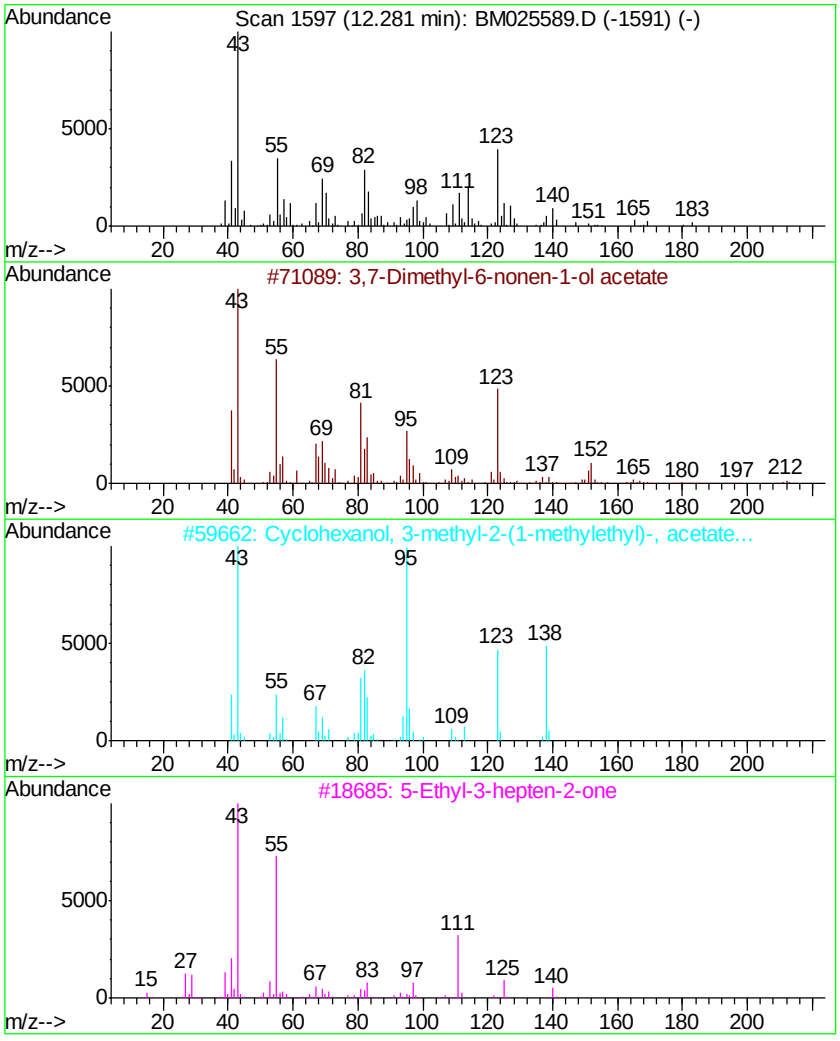
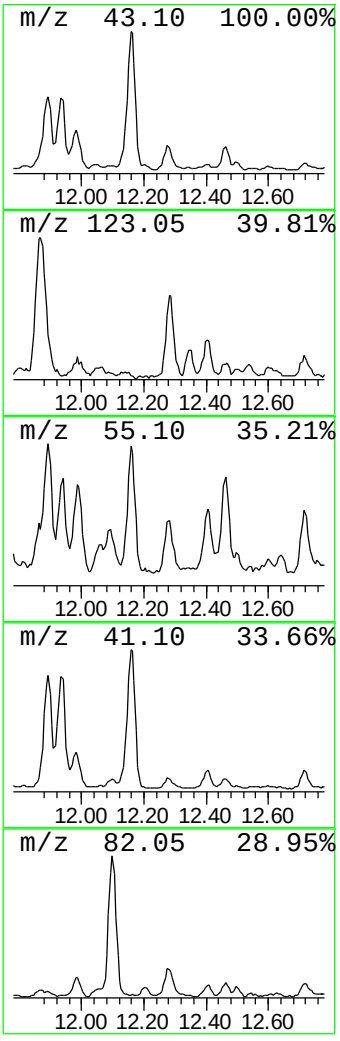
Peak Number 25 unknown-11 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.93 ng/ul	674193	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyl-6-nonen-1-ol acetate	212	C13H24O2	1000131-34-9	25
2	Cyclohexanol, 3-methyl-2-(1-meth...	198	C12H22O2	054845-18-0	17
3	5-Ethyl-3-hepten-2-one	140	C9H16O	1000370-34-0	11
4	5-Hepten-2-one, 4,6-dimethyl-	140	C9H16O	031162-48-8	10
5	6-Methyl-5-octen-2-one	140	C9H16O	024199-46-0	10





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Misc :
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Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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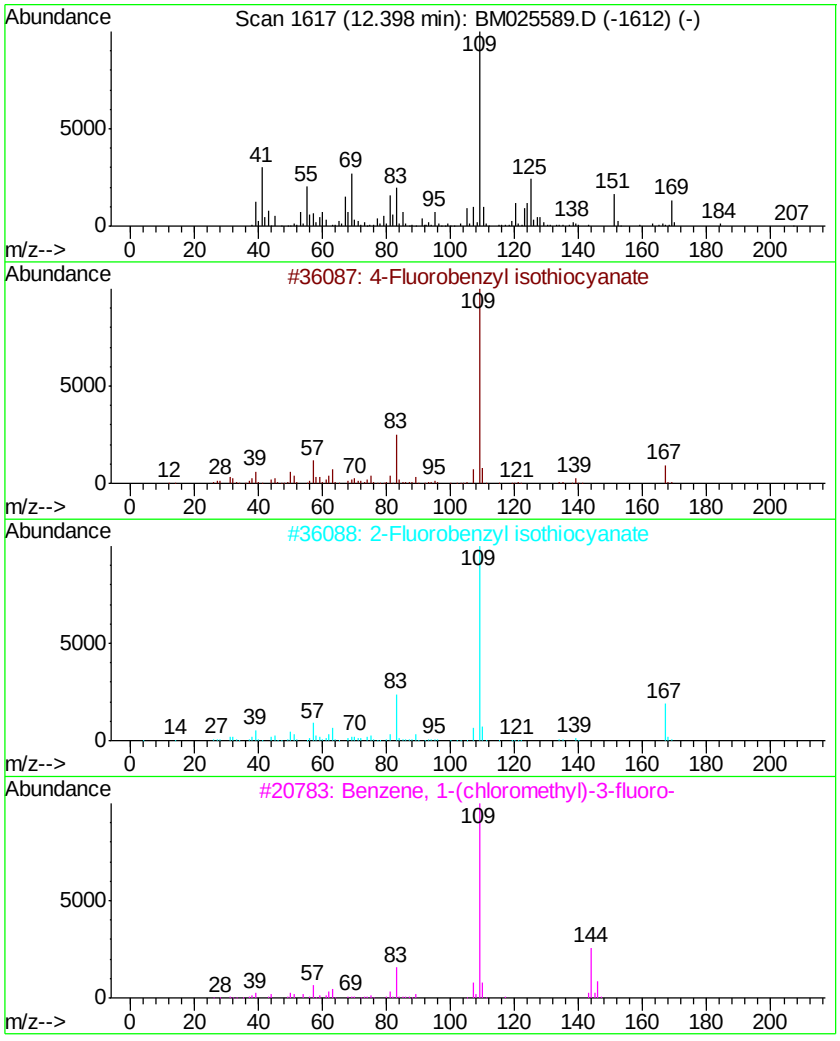
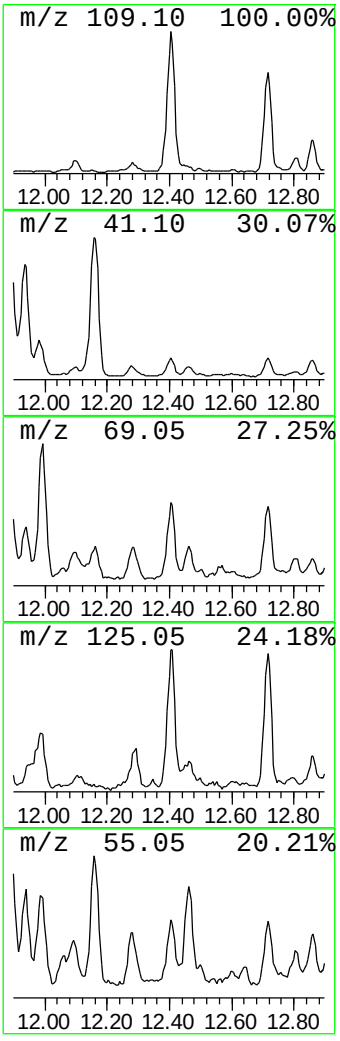
Peak Number 26 4-Fluorobenzyl isothiocyanate Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	8.85 ng/ul	895662	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzyl isothiocyanate	167	C8H6FNS	002740-88-7	50
2	2-Fluorobenzyl isothiocyanate	167	C8H6FNS	064382-80-5	50
3	Benzene, 1-(chloromethyl)-3-fluoro-	144	C7H6ClF	000456-42-8	50
4	Benzeneacetic acid, 4-fluoro-	154	C8H7FO2	000405-50-5	50
5	Benzeneacetic acid, 2-fluoro-	154	C8H7FO2	000451-82-1	50





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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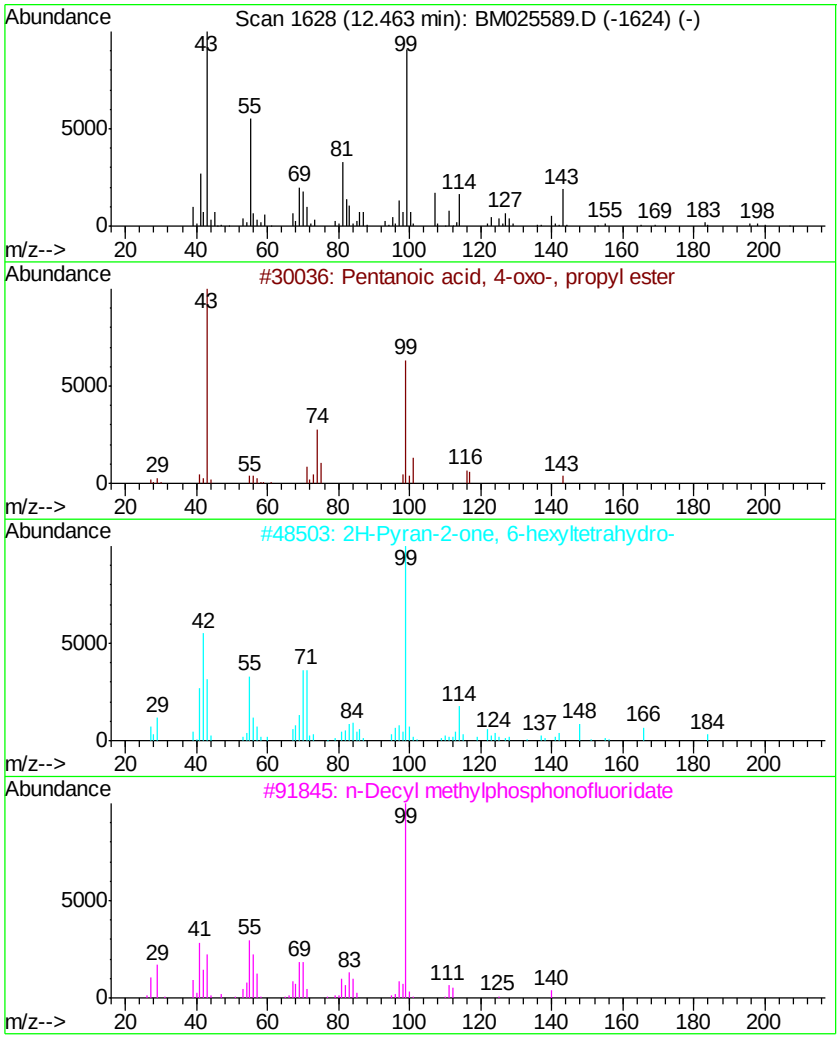
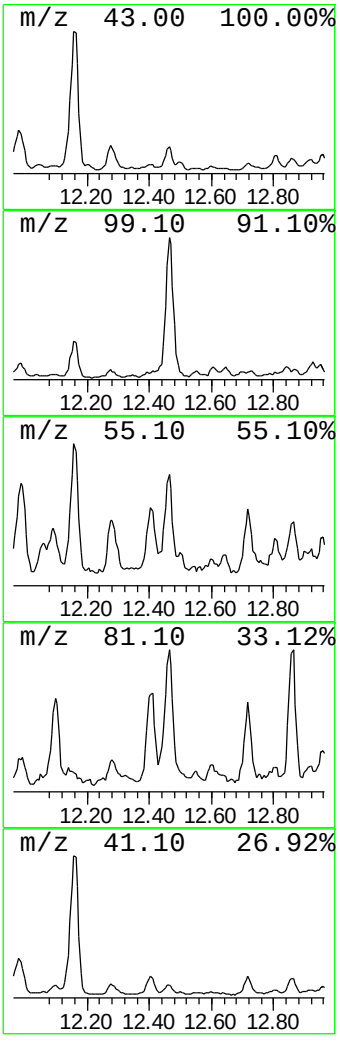
Peak Number 27 Pentanoic acid, 4-oxo-, pro... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.87 ng/ul	492489	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 4-oxo-, propyl e...	158	C8H14O3	000645-67-0	50
2	2H-Pyran-2-one, 6-hexyltetrahydro-	184	C11H20O2	000710-04-3	50
3	n-Decyl methylphosphonofluoridate	238	C11H24FO2P	193090-25-4	47
4	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	46
5	2,2'-Bioxepane	198	C12H22O2	074793-02-5	43





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Instrument : BNA_M
ClientSampleId : DBEM6

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Quant Title : SVOA CALIBRATION

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

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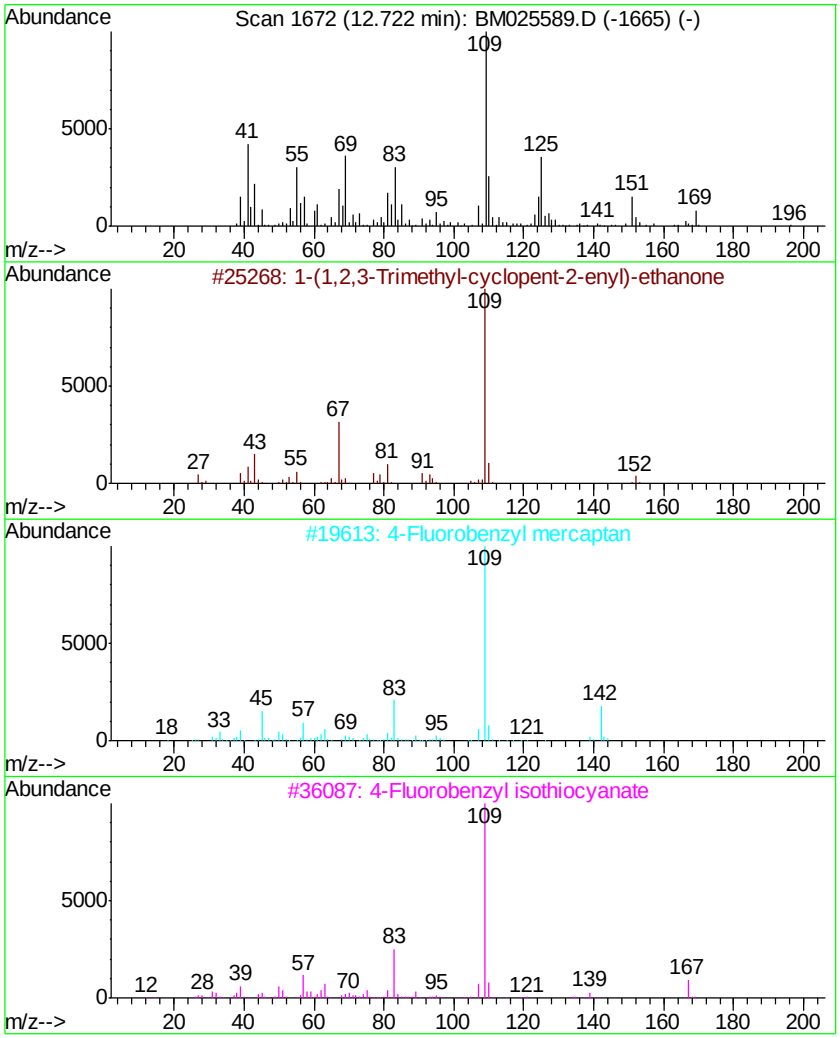
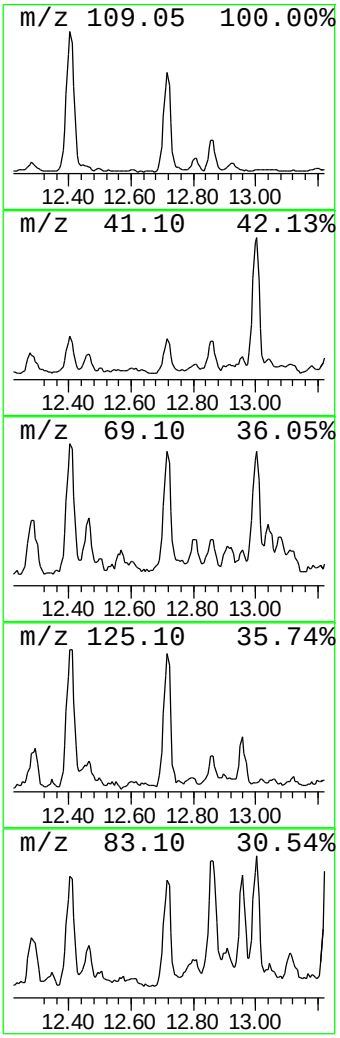
Peak Number 28 unknown-12 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.09 ng/ul	920332	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	46
2	4-Fluorobenzyl mercaptan	142	C7H7FS	015894-04-9	43
3	4-Fluorobenzyl isothiocyanate	167	C8H6FNS	002740-88-7	43
4	2-Fluorobenzyl mercaptan	142	C7H7FS	000655-20-9	43
5	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	43





Library Search Compound Report

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Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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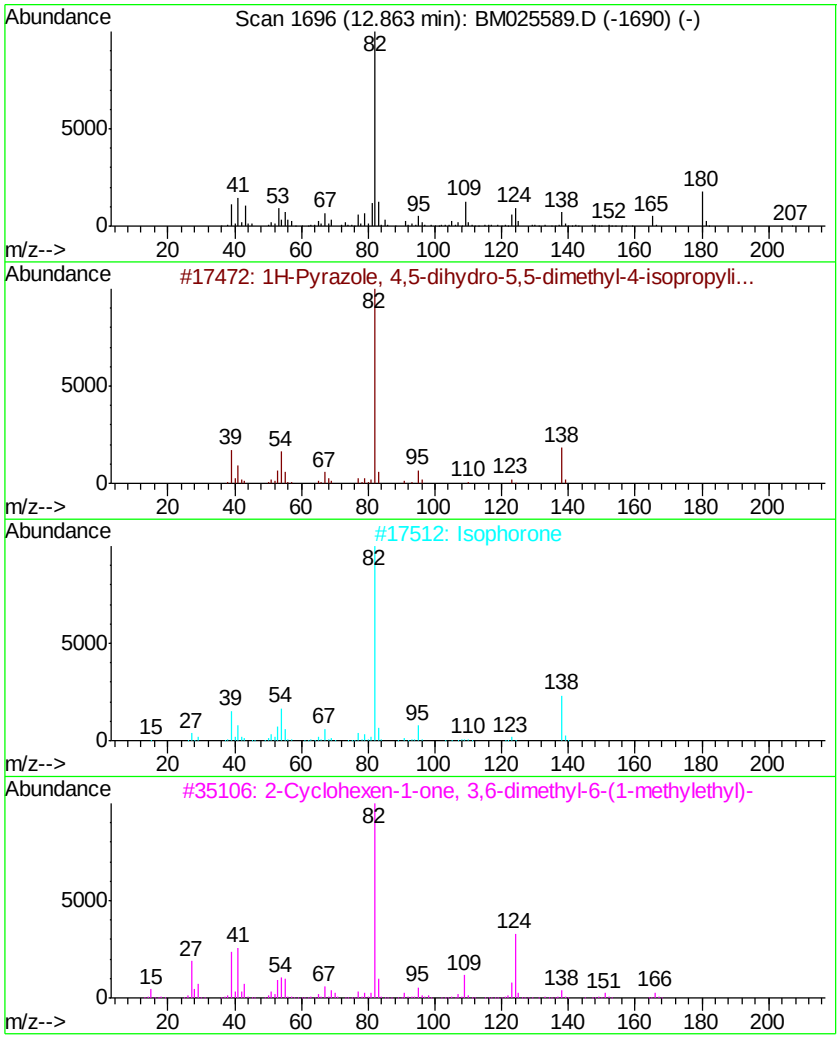
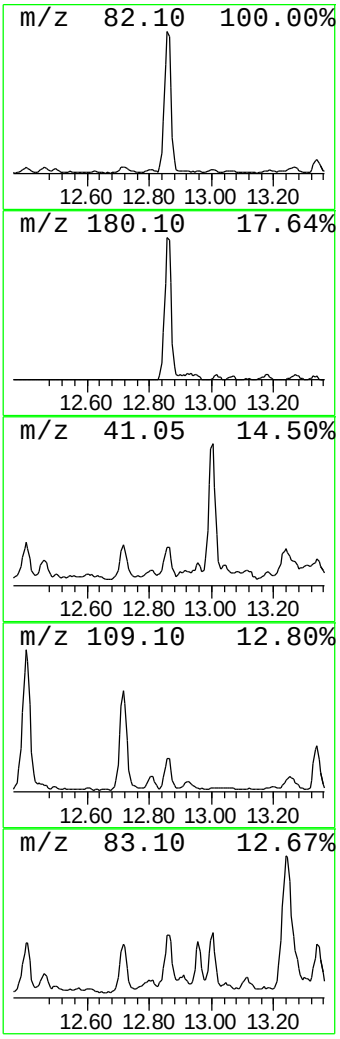
Peak Number 29 1H-Pyrazole, 4,5-dihydro-5,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	8.86 ng/ul	896432	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	52
2	Isophorone	138	C9H14O	000078-59-1	50
3	2-Cyclohexen-1-one, 3,6-dimethyl...	166	C11H18O	054410-58-1	42
4	5-Cycloheptene-1,4-dione, 2,2,5-...	166	C10H14O2	058705-37-6	40
5	1H-Imidazole-4-ethanamine, .alph...	125	C6H11N3	006986-90-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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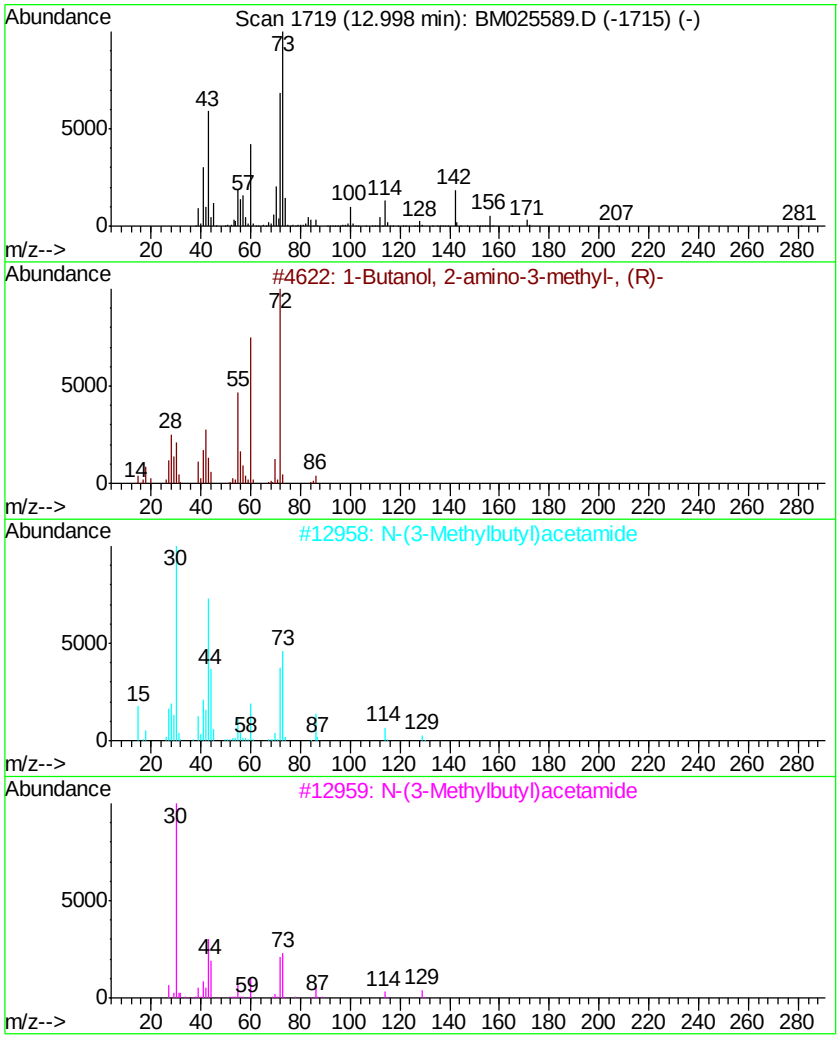
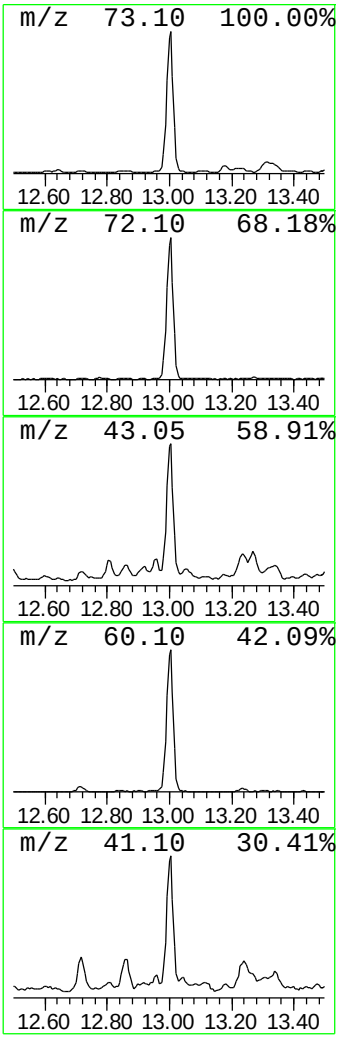
Peak Number 30 unknown-13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	28.86 ng/ul	2920780	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-amino-3-methyl-, (R)-	103	C5H13NO	004276-09-9	38
2	N-(3-Methylbutyl)acetamide	129	C7H15NO	013434-12-3	33
3	N-(3-Methylbutyl)acetamide	129	C7H15NO	013434-12-3	33
4	Hexanoic acid, 6-hydroxy-	132	C6H12O3	001191-25-9	32
5	N-Acetyl-2-ethylbutan-1-amine	143	C8H17NO	1000373-41-3	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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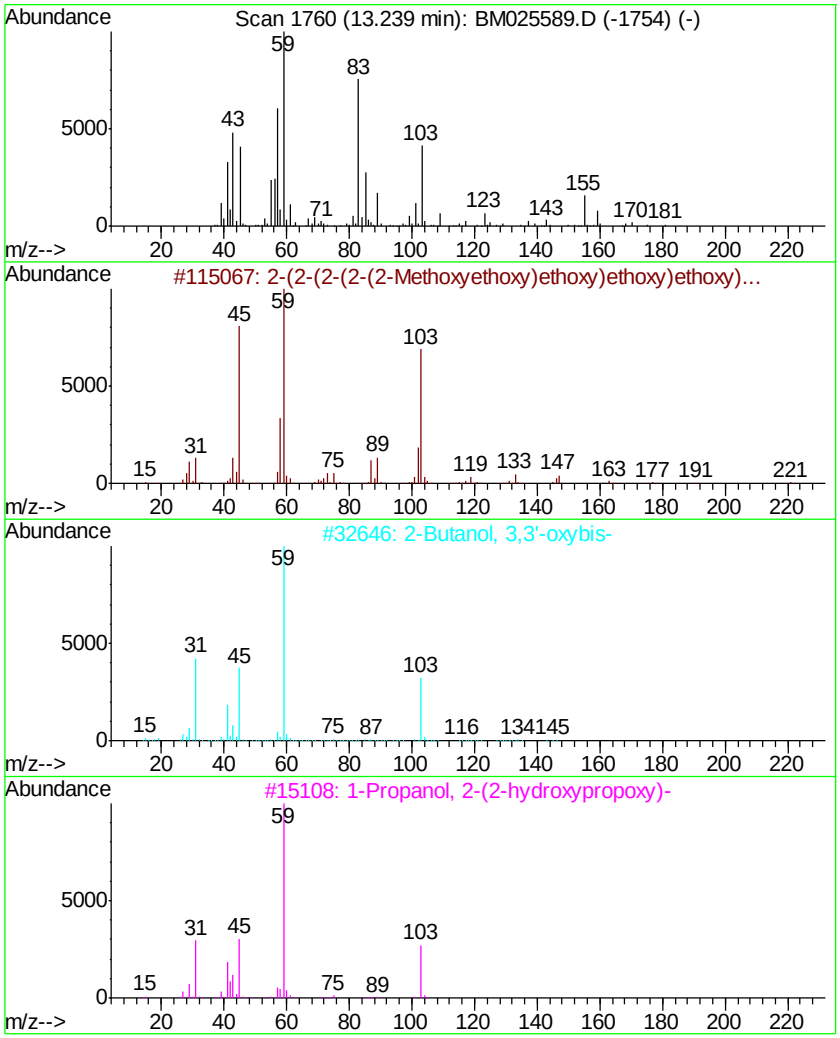
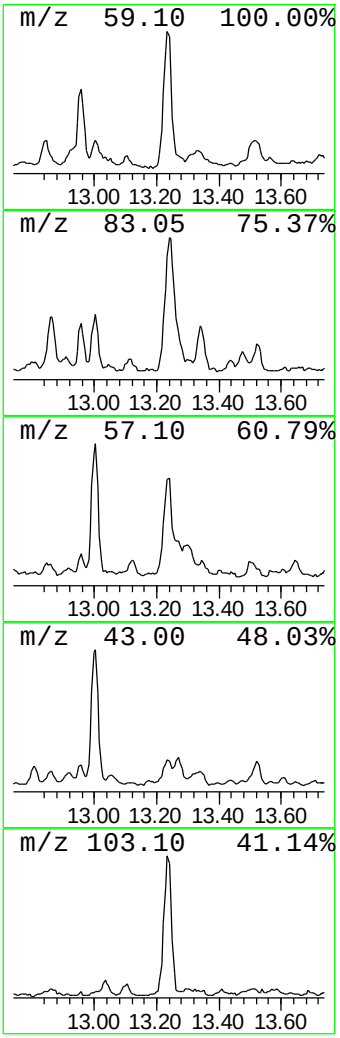
Peak Number 31 unknown-14 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	10.13 ng/ul	1024890	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-(2-(2-Methoxyethoxy)etho...	266	C11H22O7	1000366-84-6	38
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	38
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	35
4	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	35
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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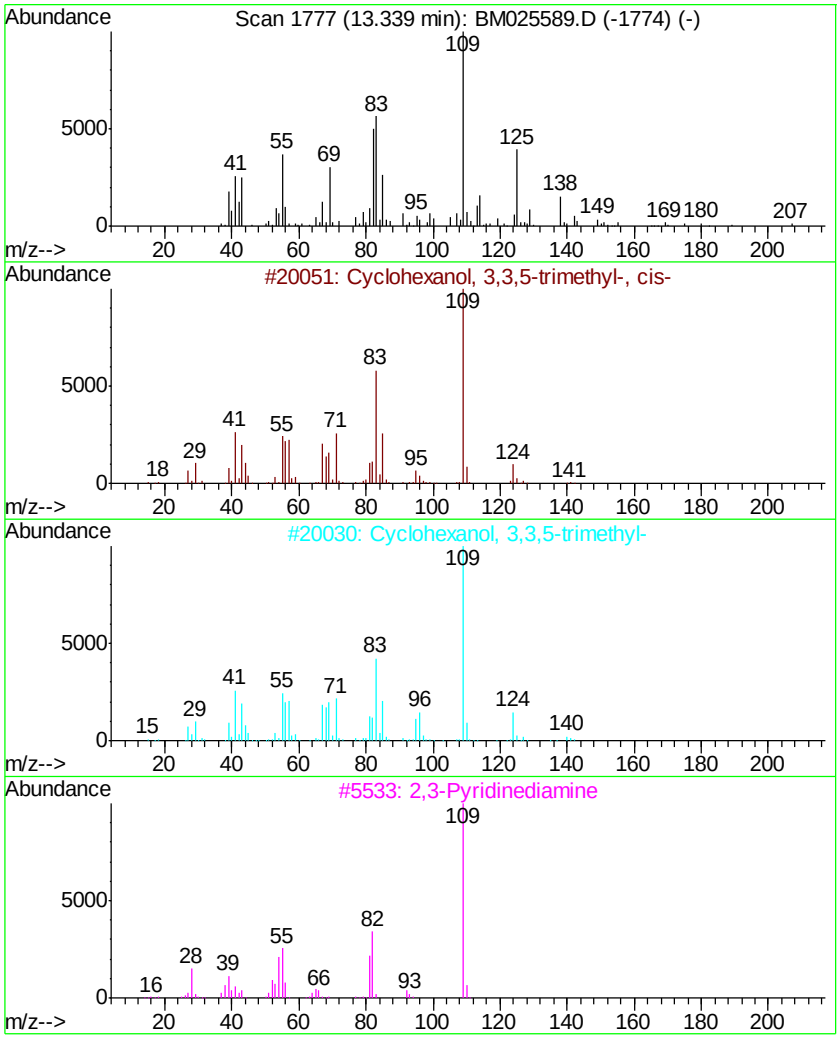
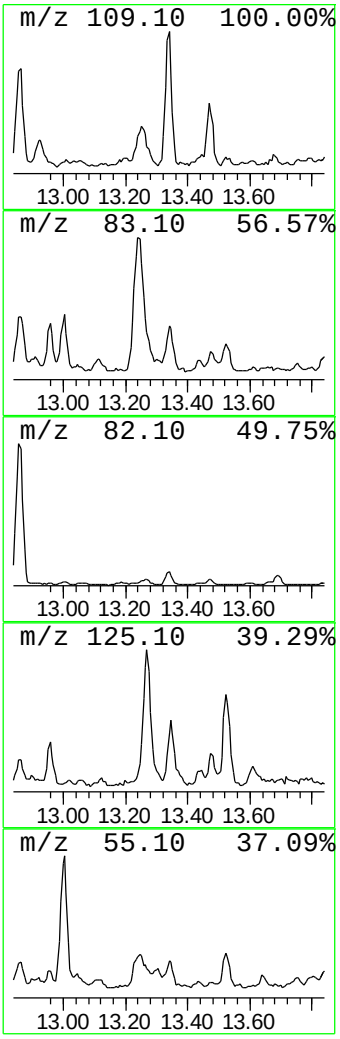
Peak Number 32 unknown-15 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.09 ng/ul	515254	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	37
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	37
3	2,3-Pyridinediamine	109	C5H7N3	000452-58-4	35
4	1H-1,2,3,4-Tetrazole-1,5-diamine...	208	C8H9FN6	1000351-63-3	22
5	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

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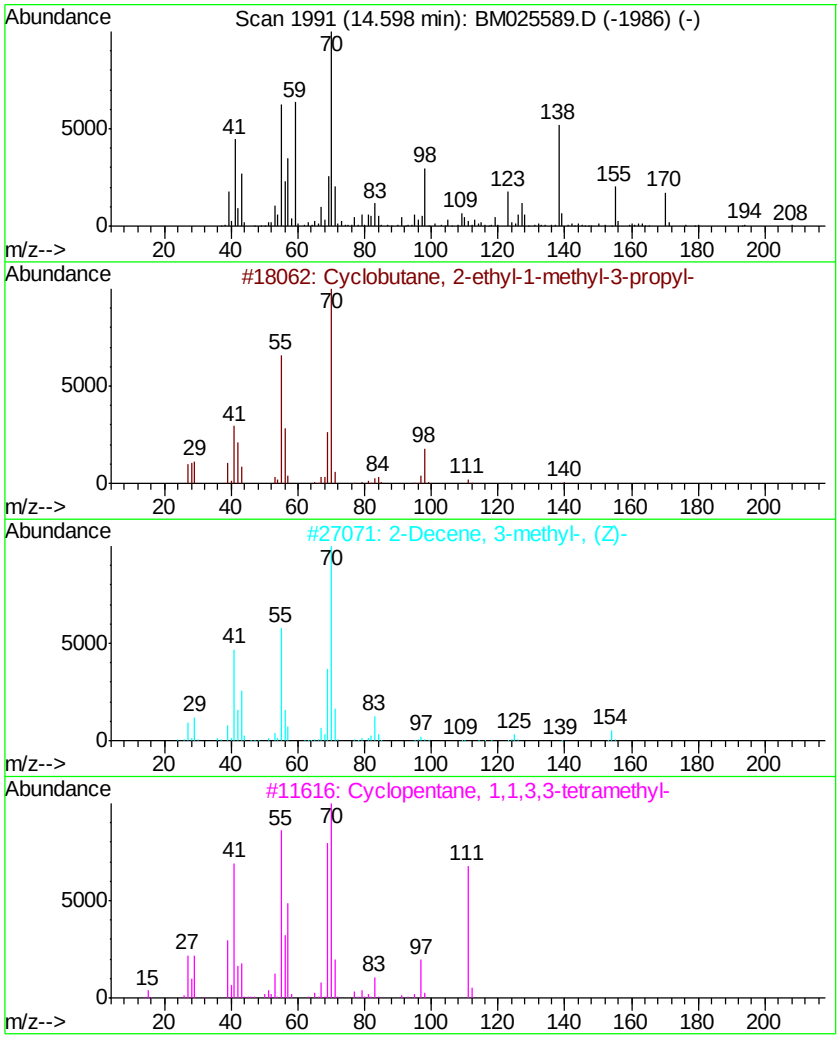
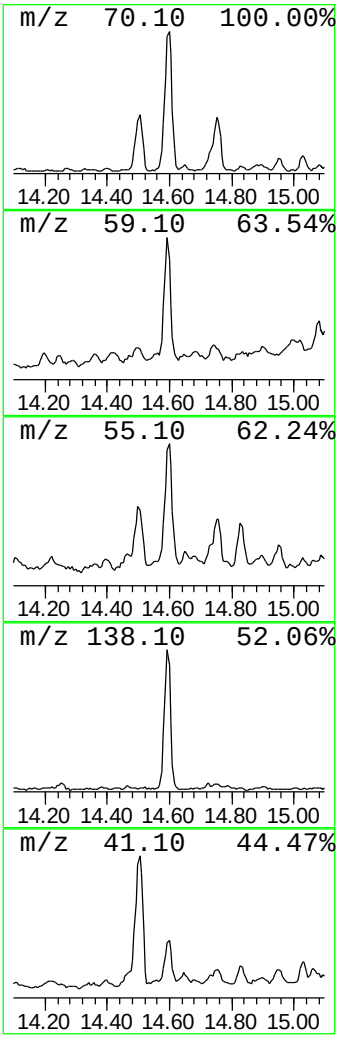
Peak Number 35 (DEL) Alkane: Cyclic14.60 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	9.77 ng/ul	988309	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	35
2	2-Decene, 3-methyl-, (Z)-	154	C11H22	074630-26-5	27
3	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	25
4	1-Octene, 3-methyl-	126	C9H18	013151-08-1	22
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

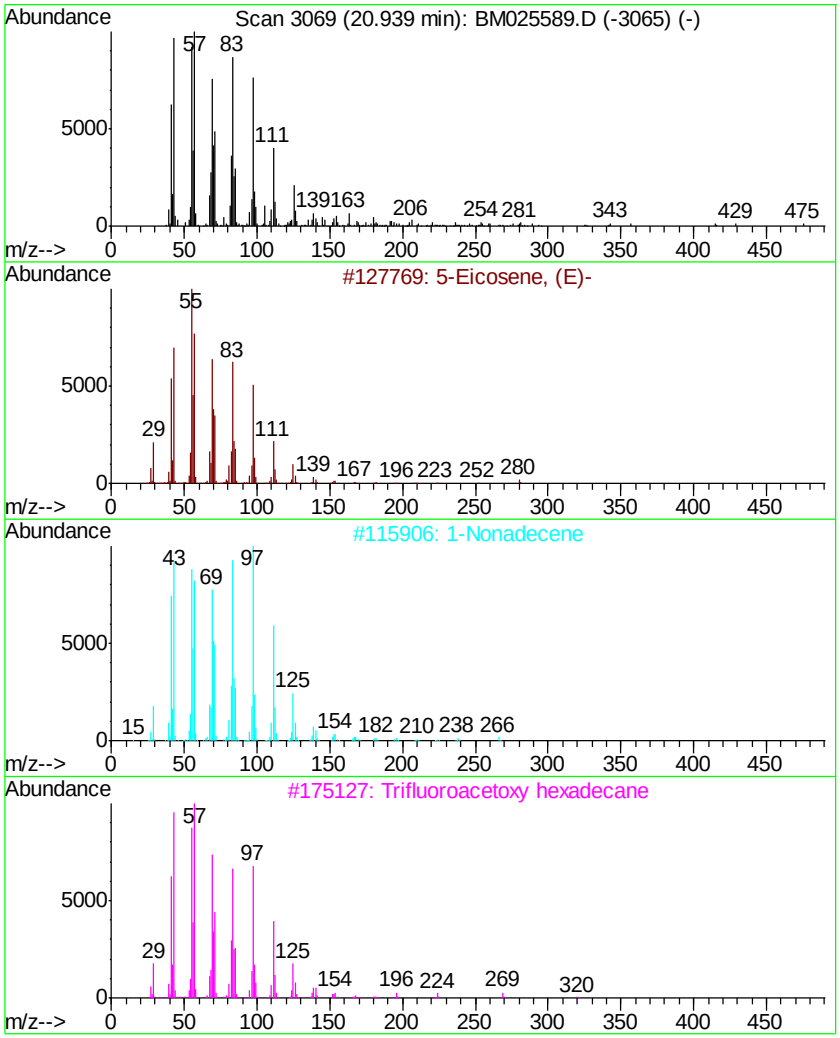
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

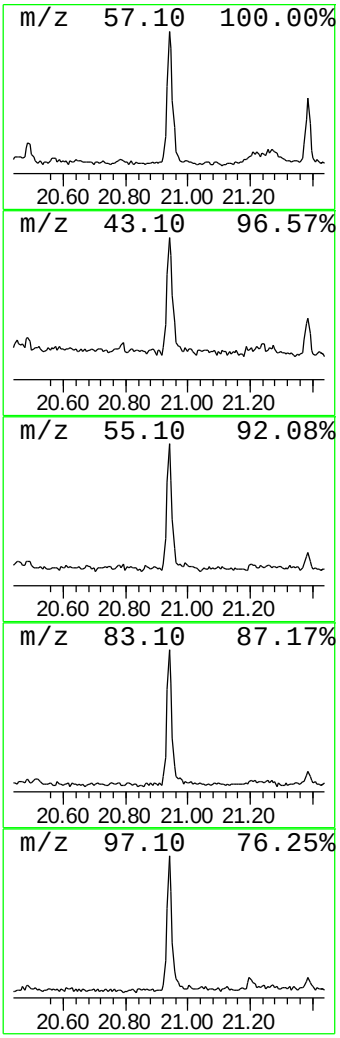
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.19 ng/ul	517828	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Nonadecene	266	C19H38	018435-45-5	98
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031620\
Data File : BM025589.D
Acq On : 16 Mar 2020 20:32
Operator : CG/JU
Sample : L1840-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBEM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
1-Octene, 3-(meth...	7.60	20.0	ng/ul	444549000	1	7.66	444549000	20.0
2-Cyclopenten-1-o...	9.16	17.1	ng/ul	2336180	2	10.46	2733990	20.0
Butanoic acid, 4-...	9.20	8.1	ng/ul	1110150	2	10.46	2733990	20.0
unknown-01	9.32	5.9	ng/ul	810753	2	10.46	2733990	20.0
2-Cyclopenten-1-o...	9.51	6.4	ng/ul	876572	2	10.46	2733990	20.0
Propane, 1-(1-eth...	9.71	10.5	ng/ul	1437360	2	10.46	2733990	20.0
unknown-02	9.95	3.9	ng/ul	536092	2	10.46	2733990	20.0
(DEL) Alkane: Cyc...	10.00	6.8	ng/ul	923383	2	10.46	2733990	20.0
2-Propanol, 1-(2-...	10.30	742.0	ng/ul	101437000	2	10.46	2733990	20.0
unknown-03	10.39	7.6	ng/ul	1035550	2	10.46	2733990	20.0
Cyclohexanone, 2-...	10.60	6.6	ng/ul	907028	2	10.46	2733990	20.0
Formic acid, neop...	10.75	10.1	ng/ul	1386530	2	10.46	2733990	20.0
unknown-04	10.85	5.2	ng/ul	709780	2	10.46	2733990	20.0
Benzoic acid, 3-m...	11.27	7.8	ng/ul	1069550	2	10.46	2733990	20.0
unknown-05	11.39	10.3	ng/ul	1404860	2	10.46	2733990	20.0
unknown-06	11.51	5.4	ng/ul	737525	2	10.46	2733990	20.0
2-Propanol, 1-[2-...	11.65	6.5	ng/ul	887619	2	10.46	2733990	20.0
Propanol, [(butox...	11.72	9.9	ng/ul	1352900	2	10.46	2733990	20.0
unknown-07	11.75	14.4	ng/ul	1965480	2	10.46	2733990	20.0
unknown-08	11.89	36.2	ng/ul	4950320	2	10.46	2733990	20.0
unknown-09	11.93	37.6	ng/ul	5145000	2	10.46	2733990	20.0
unknown-10	11.98	13.1	ng/ul	1788010	2	10.46	2733990	20.0
cis-Hexenyl octyn...	12.10	3.5	ng/ul	479198	2	10.46	2733990	20.0
unknown-11	12.28	4.9	ng/ul	674193	2	10.46	2733990	20.0
4-Fluorobenzyl is...	12.40	8.8	ng/ul	895662	3	14.27	2023890	20.0
Pentanoic acid, 4...	12.46	4.9	ng/ul	492489	3	14.27	2023890	20.0
unknown-12	12.72	9.1	ng/ul	920332	3	14.27	2023890	20.0
1H-Pyrazole, 4,5-...	12.86	8.9	ng/ul	896432	3	14.27	2023890	20.0
unknown-13	13.00	28.9	ng/ul	2920780	3	14.27	2023890	20.0
unknown-14	13.24	10.1	ng/ul	1024890	3	14.27	2023890	20.0
unknown-15	13.34	5.1	ng/ul	515254	3	14.27	2023890	20.0
(DEL) Alkane: Cyc...	14.60	9.8	ng/ul	988309	3	14.27	2023890	20.0
(DEL) Alkane: Str...	20.94	4.2	ng/ul	517828	5	21.20	2471240	20.0