LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029431.D
Acq On : 09 Apr 2021 14:57
Operator : CG/JU
Sample : M1881-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

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-BM040721MA.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	2.934	4	8	14	rBV	3109003	3736663	100.00%	18.711%
2	2.981	14	16	25	rVB	117574	145512	3.89%	0.729%
3	3.199	50	53	61	rVB	16283	23304	0.62%	0.117%
4	3.611	118	123	127	rBV	23635	34013	0.91%	0.170%
5	3.705	135	139	146	rBV	96571	126041	3.37%	0.631%
6	3.775	147	151	155	rVV	17890	23500	0.63%	0.118%
7	3.828	155	160	165	rVB	24666	36739	0.98%	0.184%
8	3.922	171	176	180	rBV	16675	25759	0.69%	0.129%
9	4.093	201	205	208	rBV5	6719	9810	0.26%	0.049%
10	4.134	208	212	220	rVV	88329	124017	3.32%	0.621%
11	4.470	265	269	273	rVB2	19714	26413	0.71%	0.132%
12	4.540	276	281	289	rBV	70094	101488	2.72%	0.508%
13	4.646	294	299	300	rBV4	4823	7128	0.19%	0.036%
14	4.728	311	313	318	rVB4	3348	4450	0.12%	0.022%
15	4.822	326	329	335	rBV	24381	35633	0.95%	0.178%
16	4.928	343	347	353	rBV2	16295	28591	0.77%	0.143%
17	5.217	394	396	403	rVB3	4802	7565	0.20%	0.038%
18	5.352	414	419	427	rVB	20668	35866	0.96%	0.180%
19	5.722	477	482	487	rVB4	8156	11757	0.31%	0.059%
20	6.858	669	675	691	rVB	248409	444752	11.90%	2.227%
21	7.028	698	704	717	rBV	182126	300430	8.04%	1.504%
22	7.222	730	737	749	rBV	266858	434489	11.63%	2.176%
23	7.322	749	754	761	rVB4	8576	16611	0.44%	0.083%
24	7.687	809	816	825	rBV	399074	630817	16.88%	3.159%
25	7.922	852	856	860	rBV6	3404	6681	0.18%	0.033%
26	8.234	904	909	914	rBV6	4418	8114	0.22%	0.041%
27	8.387	922	935	944	rBV	128640	222371	5.95%	1.113%
28	8.510	949	956	962	rBV	20439	36505	0.98%	0.183%
29	8.781	999	1002	1005	rBV5	2724	3787	0.10%	0.019%
30	8.840	1005	1012	1021	rVV	225981	383670	10.27%	1.921%
31	8.916	1021	1025	1030	rVB5	6508	10100	0.27%	0.051%
32	9.275	1081	1086	1089	rVB4	2600	4190	0.11%	0.021%
33	9.363	1097	1101	1105	rBV4	3079	4908	0.13%	0.025%
34	9.557	1127	1134	1142	rBV	186741	317833	8.51%	1.592%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	9.881	1185	1189	1192	rBV3	3652	5188	0.14%	0.026%
36	10.087	1215	1224	1236	rBV	262879	448980	12.02%	2.248%
37	10.469	1282	1289	1296	rBV	478672	806595	21.59%	4.039%
38	10.604	1305	1312	1332	rBV	147479	292612	7.83%	1.465%
39	11.275	1421	1426	1429	rBV6	2134	4207	0.11%	0.021%
40	11.981	1544	1546	1552	rVB5	2344	3896	0.10%	0.020%
41	12.063	1555	1560	1565	rVV6	4551	7383	0.20%	0.037%
42	12.134	1565	1572	1579	rVB3	4273	7560	0.20%	0.038%
43	12.357	1606	1610	1615	rVB5	2825	4925	0.13%	0.025%
44	13.157	1742	1746	1749	rBV3	4018	5126	0.14%	0.026%
45	13.228	1754	1758	1763	rBV6	2955	5010	0.13%	0.025%
46	13.640	1825	1828	1834	rVB6	4121	6248	0.17%	0.031%
47	13.734	1834	1844	1849	rBV	442531	609477	16.31%	3.052%
48	13.781	1849	1852	1858	rVB	26347	36674	0.98%	0.184%
49	14.016	1880	1892	1903	rBV	473578	729341	19.52%	3.652%
50	14.239	1925	1930	1933	rBV3	4057	4648	0.12%	0.023%
51	14.322	1936	1944	1951	rBV	660735	939494	25.14%	4.704%
52	14.522	1972	1978	1988	rBV	141905	244379	6.54%	1.224%
53	14.681	1999	2005	2009	rBV6	7594	13600	0.36%	0.068%
54	14.745	2013	2016	2023	rVB4	7111	9375	0.25%	0.047%
55	14.957	2046	2052	2054	rBV6	2618	4089	0.11%	0.020%
56	15.192	2087	2092	2095	rBV5	3508	5057	0.14%	0.025%
57	15.316	2107	2113	2120	rBV	627980	871855	23.33%	4.366%
58	15.381	2120	2124	2128	rVV3	6318	10054	0.27%	0.050%
59	15.434	2128	2133	2142	rVB	150377	204790	5.48%	1.025%
60	15.551	2150	2153	2158	rBV3	5862	8728	0.23%	0.044%
61	16.104	2244	2247	2252	rVB6	5393	7357	0.20%	0.037%
62	16.310	2279	2282	2286	rVB5	4898	4724	0.13%	0.024%
63	16.469	2304	2309	2312	rBV5	2370	4572	0.12%	0.023%
64	16.616	2328	2334	2344	rVB4	11458	17839	0.48%	0.089%
65	16.733	2348	2354	2358	rBV5	2438	3762	0.10%	0.019%
66	16.810	2361	2367	2371	rBV5	6468	10949	0.29%	0.055%
67	16.845	2371	2373	2377	rVV4	5094	5864	0.16%	0.029%
68	16.886	2377	2380	2386	rVB7	3147	5386	0.14%	0.027%
69	16.969	2390	2394	2402	rVB6	5529	11183	0.30%	0.056%
70	17.063	2402	2410	2415	rBV	742443	1008176	26.98%	5.048%
71	17.104	2415	2417	2421	rVV	37918	42887	1.15%	0.215%

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Instrument : BNA_M
ClientSampleId : ESQG0

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

72	17.163	2421	2427	2437	rVB	594467	856909	22.93%	4.291%
73	17.575	2494	2497	2499	rBV4	3469	3755	0.10%	0.019%
74	17.839	2539	2542	2548	rBV7	4842	10632	0.28%	0.053%
75	17.963	2556	2563	2573	rBV3	82778	142026	3.80%	0.711%
76	18.127	2587	2591	2596	rBV7	6157	8480	0.23%	0.042%
77	18.263	2610	2614	2622	rBV8	8484	19529	0.52%	0.098%
78	18.533	2655	2660	2663	rBV5	6805	9598	0.26%	0.048%
79	18.857	2712	2715	2719	rVB6	4150	5301	0.14%	0.027%
80	18.910	2720	2724	2726	rBV4	5719	6519	0.17%	0.033%
81	18.998	2734	2739	2741	rBV6	8278	13807	0.37%	0.069%
82	19.121	2755	2760	2765	rVB	72850	99066	2.65%	0.496%
83	19.180	2767	2770	2773	rVB4	9293	9596	0.26%	0.048%
84	19.245	2777	2781	2788	rBV3	34653	53719	1.44%	0.269%
85	19.451	2811	2816	2830	rBV	732127	1106999	29.63%	5.543%
86	19.904	2890	2893	2897	rVB2	13654	14999	0.40%	0.075%
87	19.974	2903	2905	2909	rBV4	15089	17687	0.47%	0.089%
88	20.968	3069	3074	3083	rBV	182059	288408	7.72%	1.444%
89	21.239	3115	3120	3124	rBV	841462	1049990	28.10%	5.258%
90	22.786	3380	3383	3388	rBV	112892	169029	4.52%	0.846%
91	23.309	3466	3472	3476	rBV	536656	925300	24.76%	4.633%
92	23.451	3490	3496	3505	rVB2	596843	1110823	29.73%	5.562%
93	23.986	3583	3587	3595	rVB2	147816	266822	7.14%	1.336%

Sum of corrected areas: 19970491

LSC Report - Integrated Chromatogram

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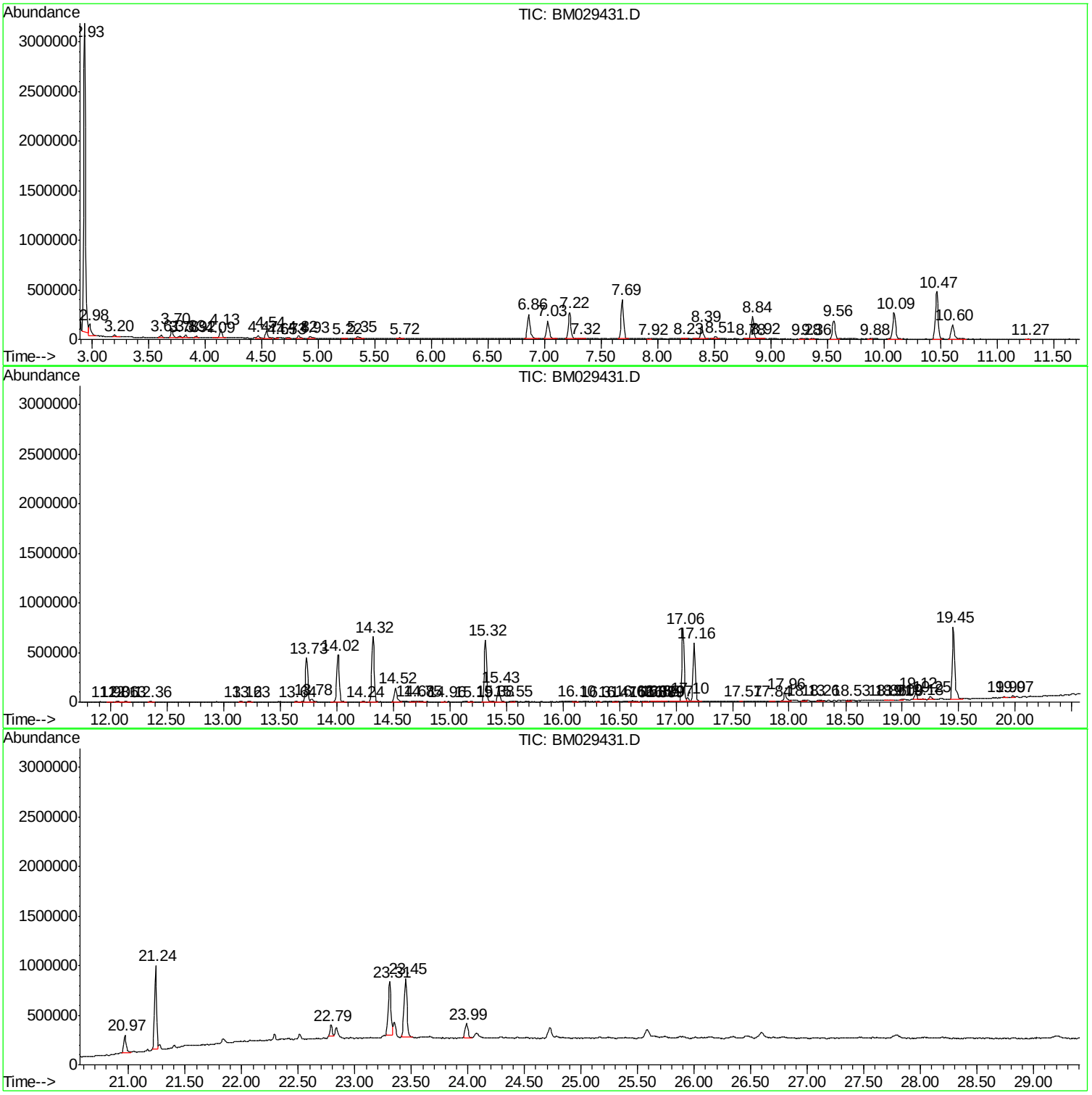
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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\BM040921\
Data File : BM029431.D
Acq On : 09 Apr 2021 14:57
Operator : CG/JU
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Quant Title : SVOA CALIBRATION

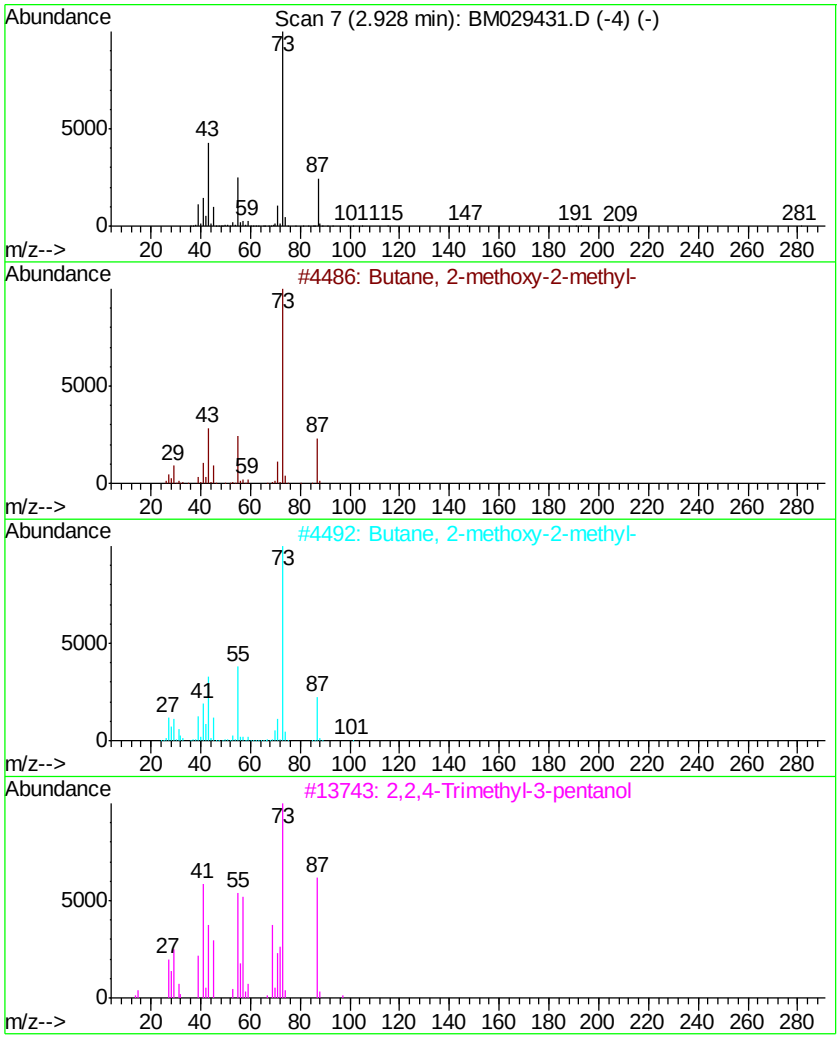
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

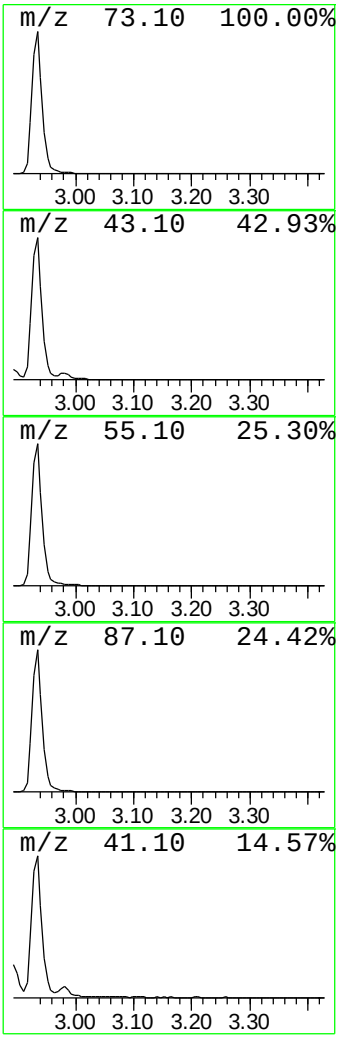
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	118.47 ng/ul	3736660	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Library Search Compound Report

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Sample : M1881-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

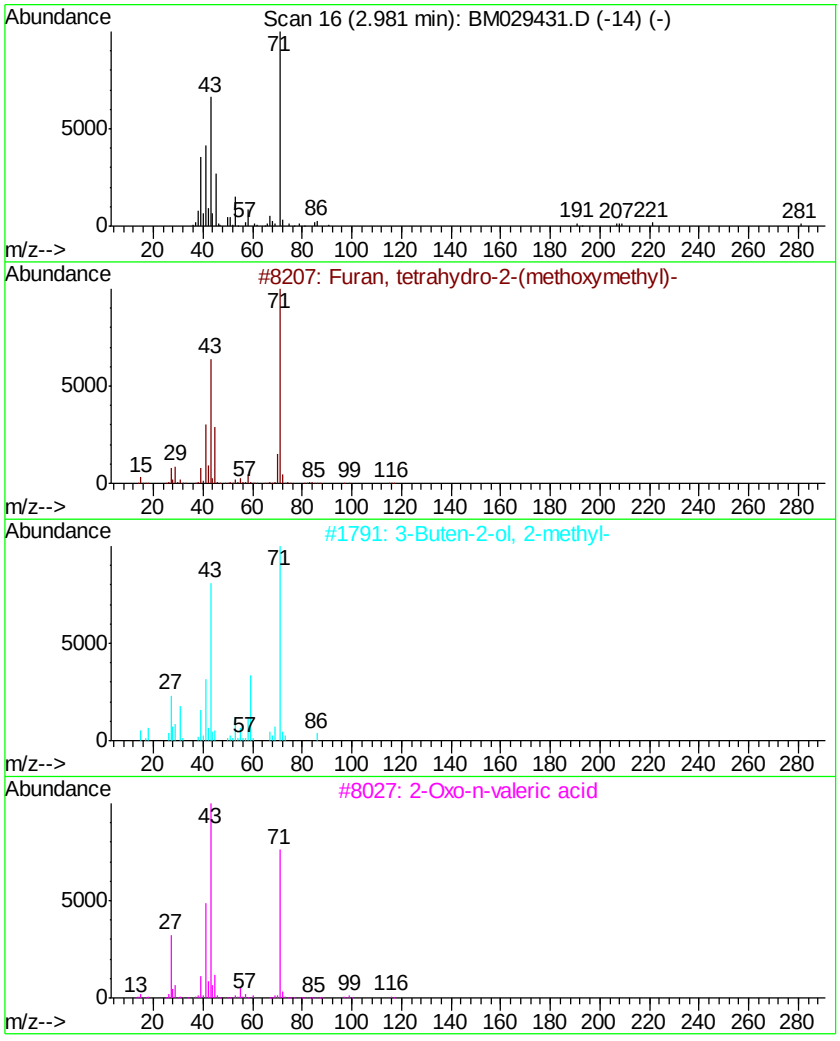
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

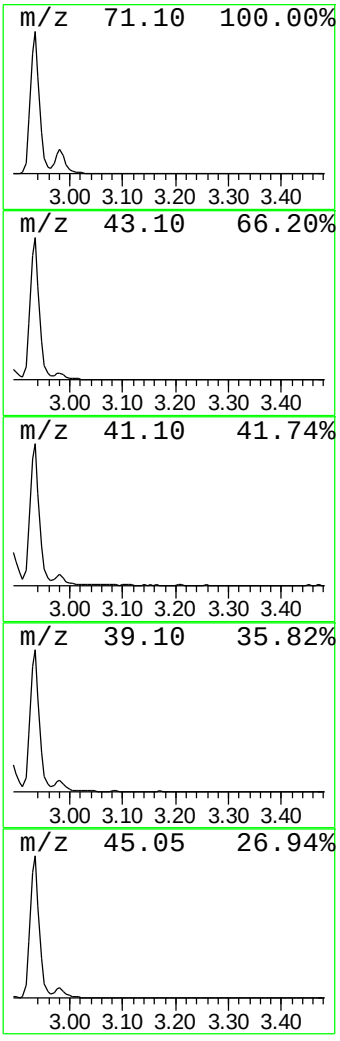
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Furan, tetrahydro-2-(methox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	4.61 ng/ul	145512	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	58
3	2-Oxo-n-valeric acid	116	C5H8O3	001821-02-9	45
4	3-Penten-2-ol	86	C5H10O	001569-50-2	45
5	3-Penten-2-ol	86	C5H10O	001569-50-2	45





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Quant Title : SVOA CALIBRATION

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

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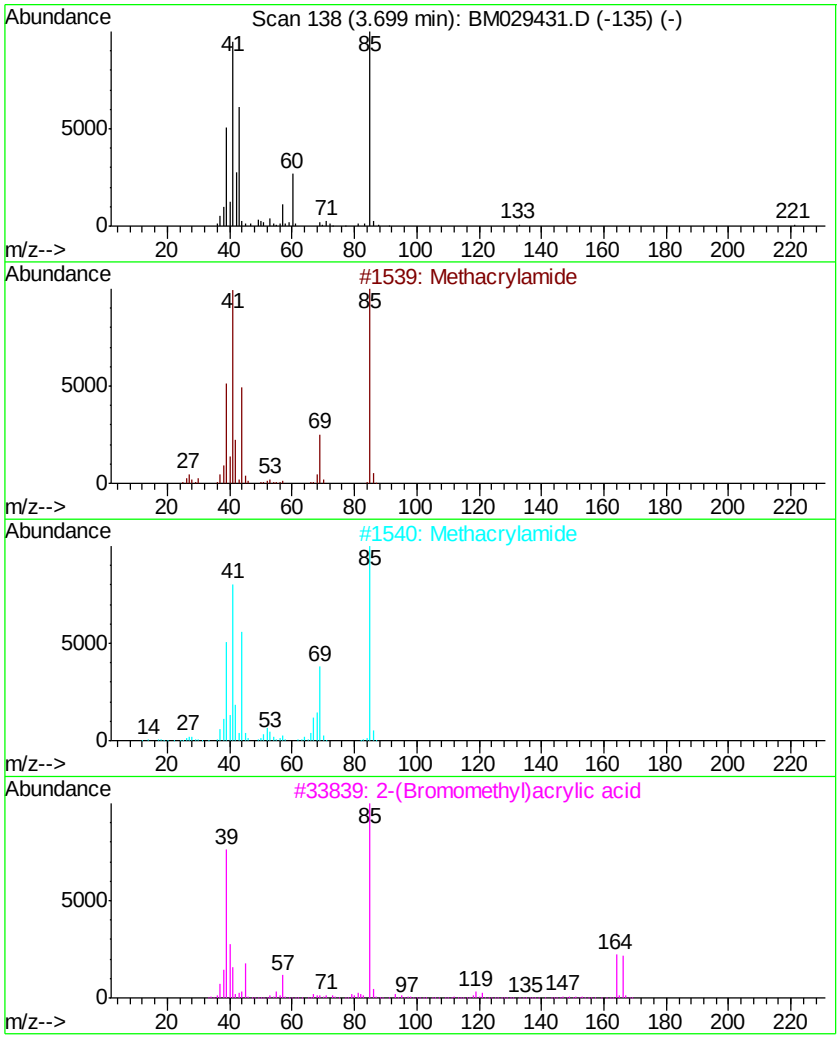
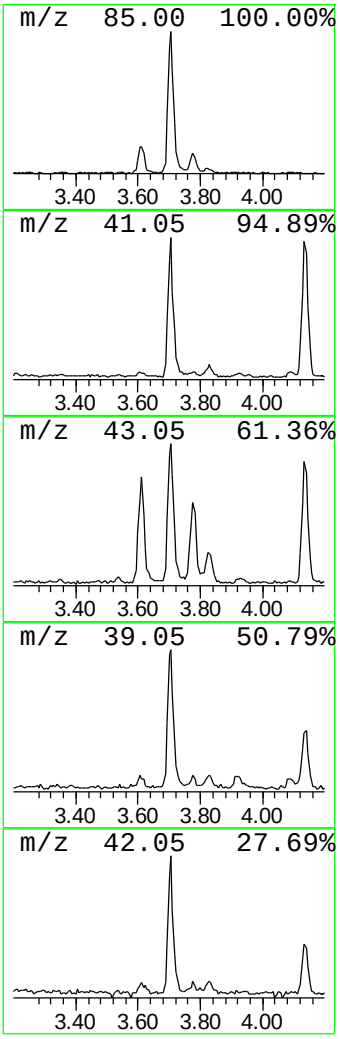
Peak Number 3 Methacrylamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	4.00 ng/ul	126041	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	80
2	Methacrylamide	85	C4H7NO	000079-39-0	64
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	53
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	47
5	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	42





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

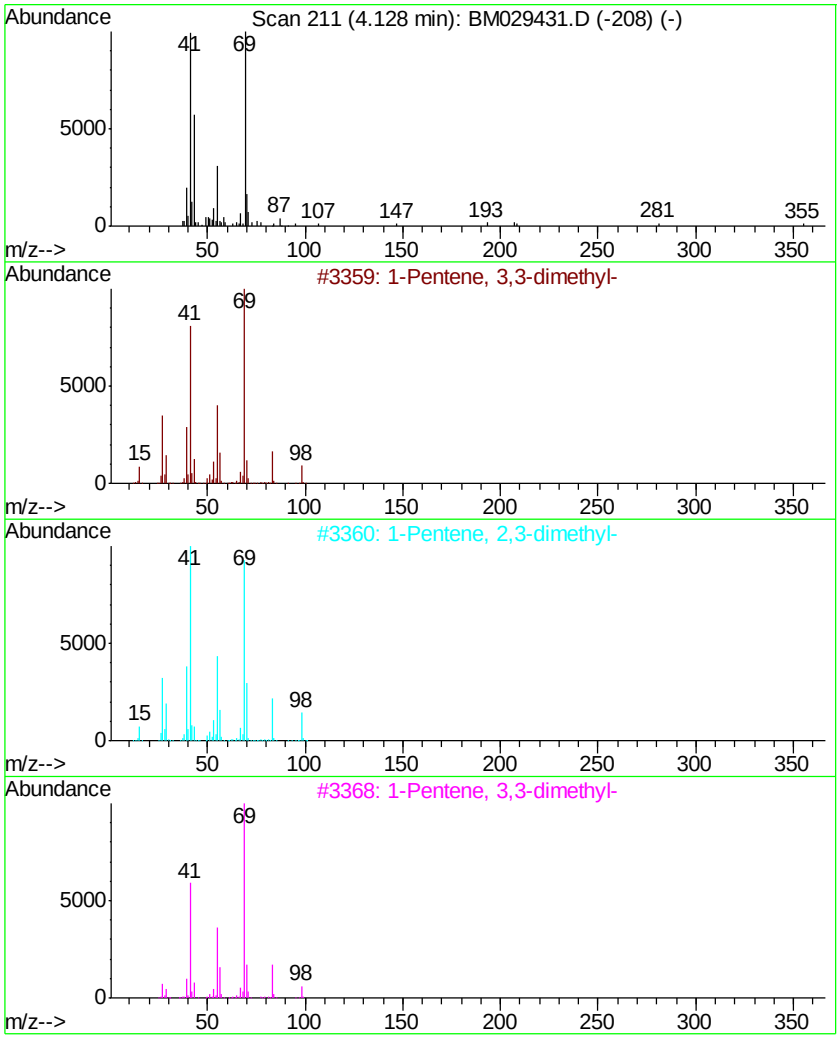
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

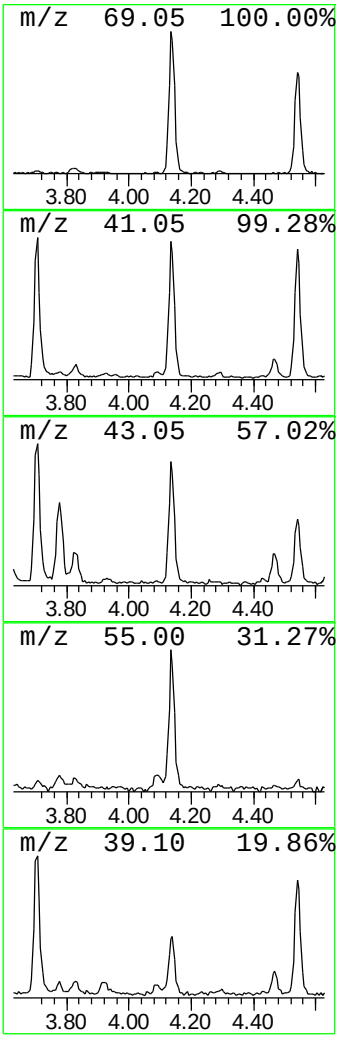
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	3.93 ng/ul	124017	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	72
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	50
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
4	1-Pentyn-3-ol, 3-methyl-	98	C6H10O	000077-75-8	50
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

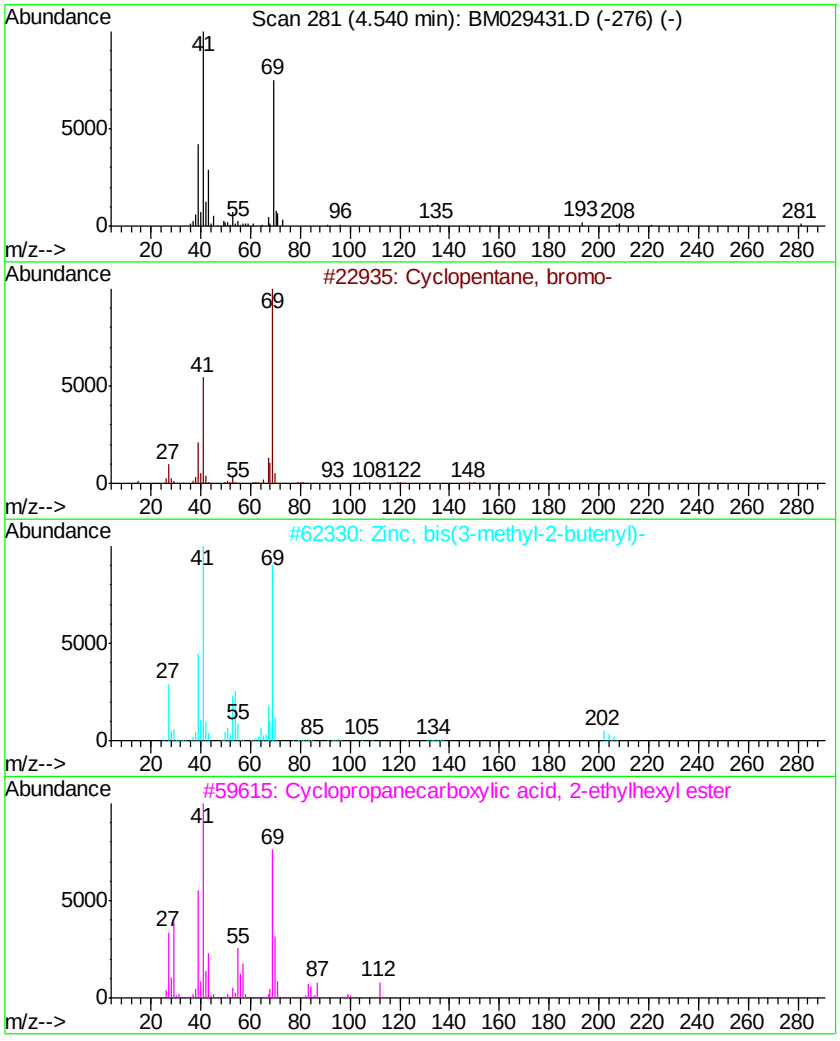
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

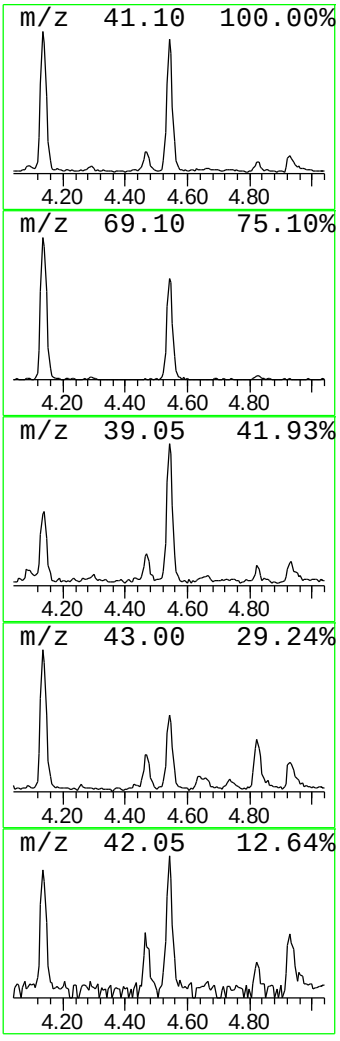
****

Peak Number 5 Cyclopentane, bromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	3.22 ng/ul	101488	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	64
2	Zinc, bis(3-methyl-2-butenyl)-	202	C10H18Zn	066094-28-8	43
3	Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	43
4	Vinyl crotonate	112	C6H8O2	014861-06-4	39
5	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	33





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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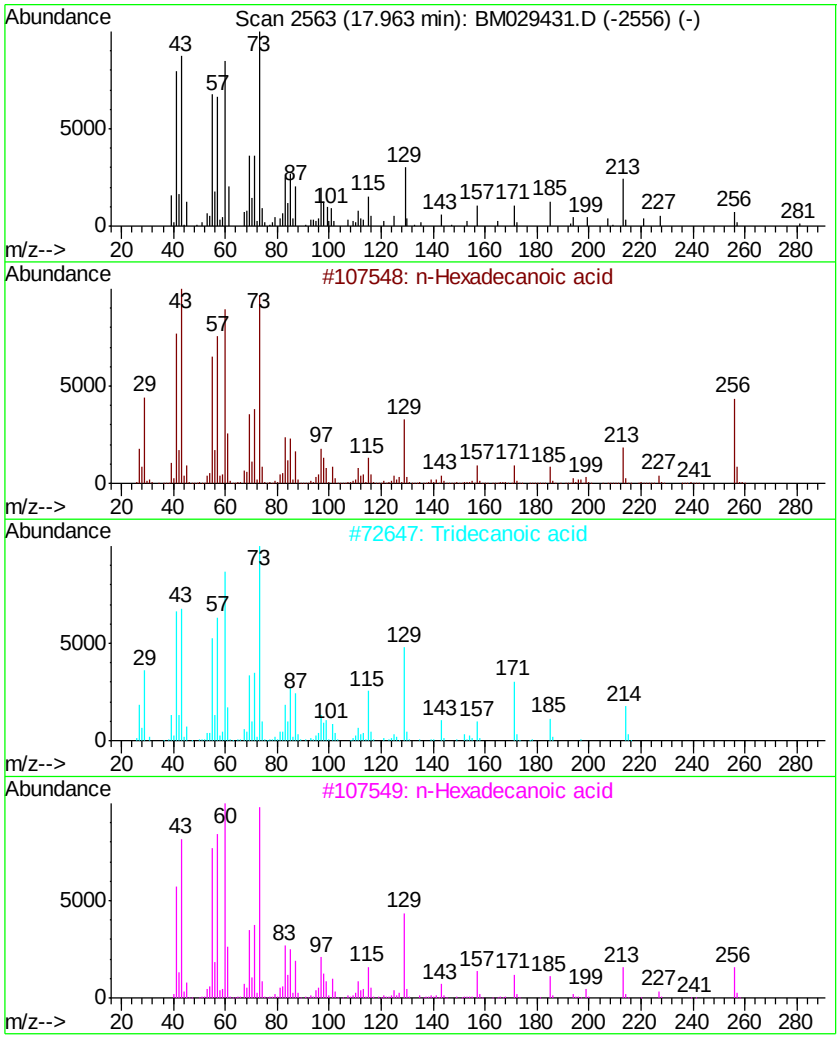
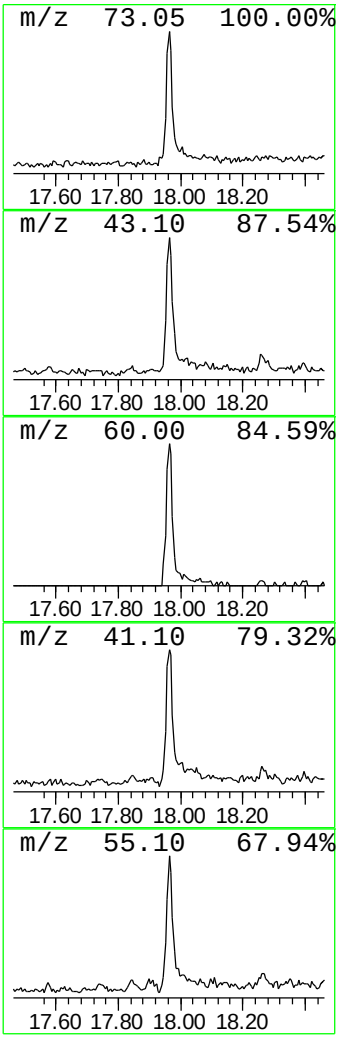
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.82 ng/ul	142026	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Data File : BM029431.D
Acq On : 09 Apr 2021 14:57
Operator : CG/JU
Sample : M1881-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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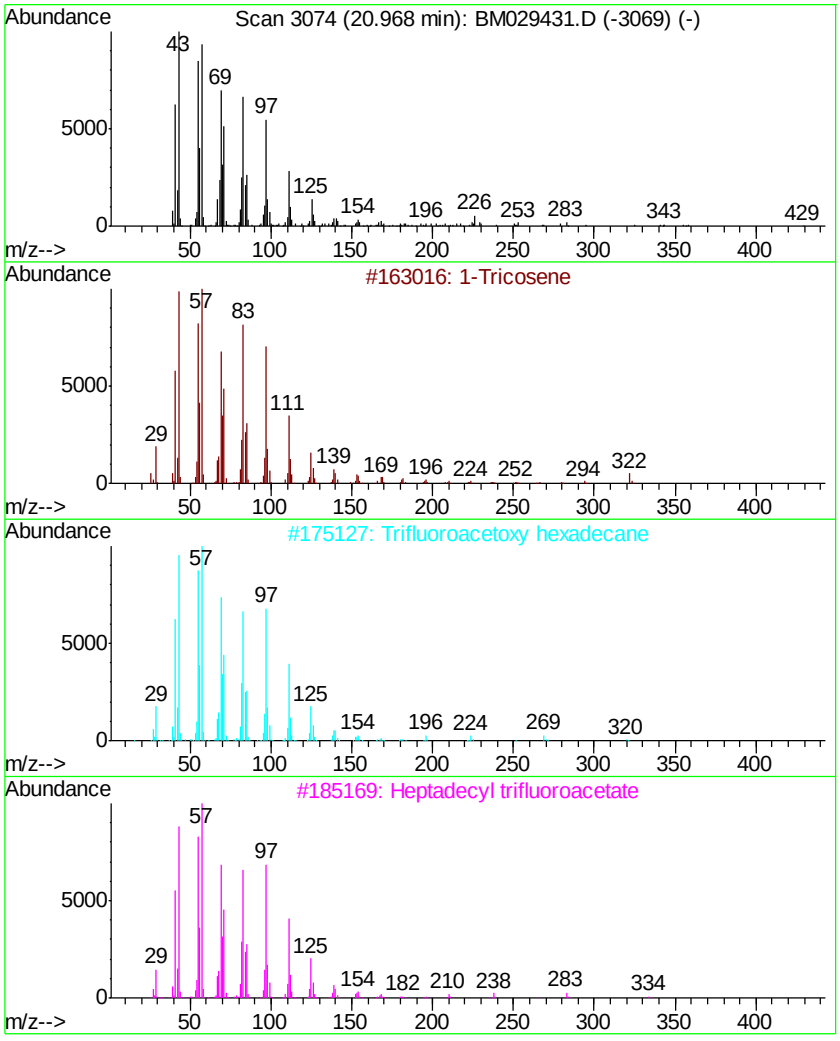
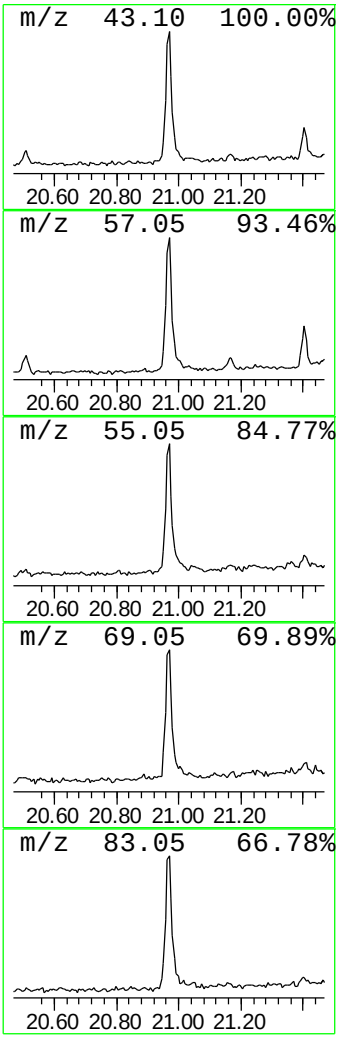
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.49 ng/ul	288408	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029431.D
Acq On : 09 Apr 2021 14:57
Operator : CG/JU
Sample : M1881-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

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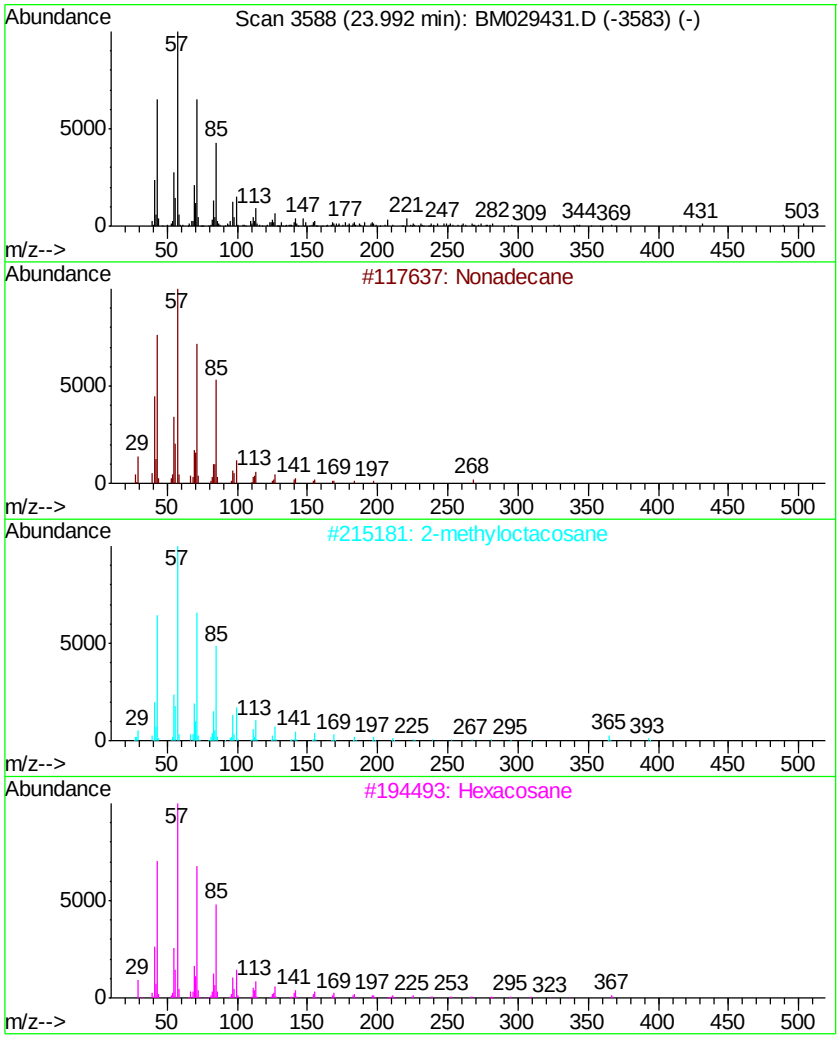
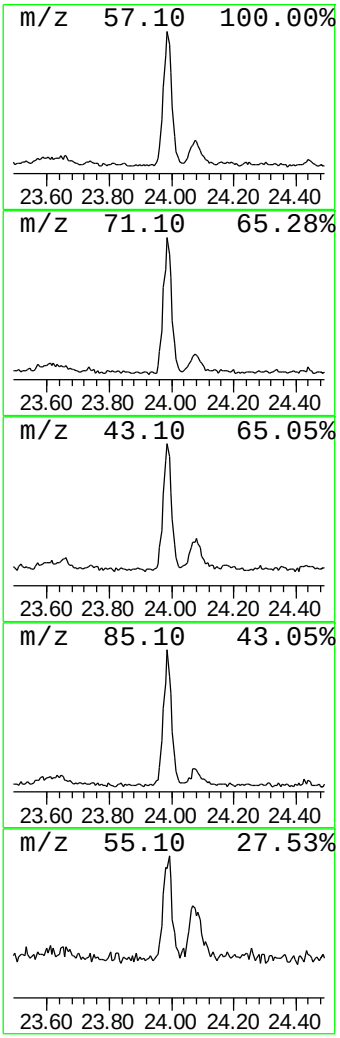
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.80 ng/ul	266822	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040921\
Data File : BM029431.D
Acq On : 09 Apr 2021 14:57
Operator : CG/JU
Sample : M1881-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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
Butane, 2-methoxy...	2.93	118.5	ng/ul	3736660	1	7.69	630817	20.0
Furan, tetrahydro...	2.98	4.6	ng/ul	145512	1	7.69	630817	20.0
Methacrylamide	3.70	4.0	ng/ul	126041	1	7.69	630817	20.0
(DEL) Alkane: Str...	4.13	3.9	ng/ul	124017	1	7.69	630817	20.0
Cyclopentane, bromo-	4.54	3.2	ng/ul	101488	1	7.69	630817	20.0
n-Hexadecanoic acid	17.96	2.8	ng/ul	142026	4	17.06	1008180	20.0
(DEL) Alkane: Str...	20.97	5.5	ng/ul	288408	5	21.24	1049990	20.0
(DEL) Alkane: Str...	23.99	4.8	ng/ul	266822	6	23.45	1110820	20.0