LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
Data File : BM030188.D
Acq On : 27 May 2021 03:22
Operator : CG/JU
Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB442

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\SFAM-EPA-BM052621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030188.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	39	43	50	rVB	50546	70431	0.95%	0.099%
2	3.434	56	59	65	rVB3	14634	22770	0.31%	0.032%
3	3.987	148	153	161	rVB	33419	52292	0.70%	0.074%
4	4.081	165	169	172	rBV3	15234	19642	0.26%	0.028%
5	4.175	181	185	190	rBV6	11406	20257	0.27%	0.029%
6	4.546	242	248	256	rVB	43041	72178	0.97%	0.102%
7	4.993	321	324	330	rVB4	7491	13184	0.18%	0.019%
8	5.916	476	481	488	rVB	27206	47966	0.65%	0.068%
9	6.263	535	540	545	rBV4	10444	18399	0.25%	0.026%
10	6.845	636	639	650	rVB8	7065	17437	0.23%	0.025%
11	7.028	664	670	680	rBV	257343	437772	5.90%	0.617%
12	7.204	693	700	715	rBV	972501	1546015	20.83%	2.178%
13	7.404	727	734	743	rBV	982020	1594425	21.49%	2.247%
14	7.498	746	750	757	rBV	15196	27773	0.37%	0.039%
15	7.875	807	814	822	rBV	963778	1558979	21.01%	2.197%
16	8.116	850	855	859	rBV8	6420	11093	0.15%	0.016%
17	8.422	900	907	911	rBV8	7506	14216	0.19%	0.020%
18	8.569	923	932	941	rBV	760879	1203629	16.22%	1.696%
19	9.028	1002	1010	1020	rBV	1166317	1921632	25.89%	2.708%
20	9.192	1034	1038	1048	rVB7	11840	21585	0.29%	0.030%
21	9.457	1076	1083	1090	rVB	12077	21642	0.29%	0.030%
22	9.604	1104	1108	1113	rVB7	4555	7505	0.10%	0.011%
23	9.751	1124	1133	1144	rBV	819162	1359003	18.31%	1.915%
24	9.963	1164	1169	1176	rBV7	7260	15152	0.20%	0.021%
25	10.281	1216	1223	1232	rBV	1415964	2340710	31.54%	3.298%
26	10.669	1282	1289	1297	rVB	1326279	2275050	30.66%	3.206%
27	10.798	1306	1311	1319	rVB	57981	98052	1.32%	0.138%
28	11.322	1397	1400	1406	rVB8	7517	12221	0.16%	0.017%
29	11.439	1412	1420	1429	rBV5	14832	30450	0.41%	0.043%
30	12.004	1511	1516	1521	rBV2	17564	29250	0.39%	0.041%
31	12.251	1553	1558	1563	rVB	28764	45756	0.62%	0.064%
32	12.863	1658	1662	1666	rBV4	10765	16254	0.22%	0.023%
33	13.110	1699	1704	1709	rVB2	19611	27909	0.38%	0.039%
34	13.398	1746	1753	1760	rBV	820912	1242937	16.75%	1.751%
35	13.463	1760	1764	1767	rVB5	13637	22123	0.30%	0.031%
36	13.745	1808	1812	1818	rVB3	15421	24229	0.33%	0.034%

LSC Area Percent Report

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Acq On : 27 May 2021 03:22
Operator : CG/JU
Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB442

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\SFAM-EPA-BM052621.M
Title : SVOA CALIBRATION

37	13.904	1832	1839	1844	rBV	2814972	3852013	51.91%	5.428%
38	13.951	1844	1847	1855	rVB	64281	87406	1.18%	0.123%
39	14.192	1876	1888	1904	rBV	3223203	4776872	64.37%	6.731%
40	14.498	1932	1940	1951	rVB	2136468	3154023	42.50%	4.444%
41	14.668	1963	1969	1974	rBV	205466	303182	4.09%	0.427%
42	14.710	1974	1976	1982	rVB3	18032	26017	0.35%	0.037%
43	14.904	2005	2009	2017	rVB10	8121	16426	0.22%	0.023%
44	15.310	2069	2078	2082	rBV2	20507	44448	0.60%	0.063%
45	15.486	2101	2108	2116	rBV	4334964	6048685	81.51%	8.523%
46	15.598	2119	2127	2128	rBV	1115924	1569974	21.16%	2.212%
47	15.727	2144	2149	2156	rVB2	53706	92038	1.24%	0.130%
48	15.845	2164	2169	2175	rVB8	8668	15080	0.20%	0.021%
49	16.039	2197	2202	2209	rVB8	8647	18682	0.25%	0.026%
50	16.157	2218	2222	2226	rBV7	11272	18920	0.25%	0.027%
51	16.268	2237	2241	2245	rVB2	16958	22221	0.30%	0.031%
52	16.374	2256	2259	2262	rVB5	7257	8022	0.11%	0.011%
53	16.633	2299	2303	2305	rBV5	6638	9322	0.13%	0.013%
54	16.910	2346	2350	2354	rBV6	10473	12413	0.17%	0.017%
55	16.986	2361	2363	2366	rBV4	8597	12072	0.16%	0.017%
56	17.015	2366	2368	2376	rVB	14179	21287	0.29%	0.030%
57	17.151	2388	2391	2396	rVB6	10267	11887	0.16%	0.017%
58	17.233	2398	2405	2414	rBV	2410241	3531262	47.59%	4.976%
59	17.327	2414	2421	2432	rBV	4647735	6599083	88.93%	9.298%
60	17.457	2439	2443	2449	rVB4	33864	48859	0.66%	0.069%
61	17.533	2449	2456	2463	rBV	330748	491708	6.63%	0.693%
62	17.798	2499	2501	2506	rVB6	7640	10985	0.15%	0.015%
63	17.898	2514	2518	2529	rVB6	14881	25911	0.35%	0.037%
64	18.115	2550	2555	2564	rBV	320462	487416	6.57%	0.687%
65	18.192	2565	2568	2572	rVB	28754	39166	0.53%	0.055%
66	18.415	2603	2606	2612	rVB7	13916	21685	0.29%	0.031%
67	18.974	2696	2701	2710	rBV	419209	656630	8.85%	0.925%
68	19.245	2743	2747	2751	rBV	85744	129159	1.74%	0.182%
69	19.298	2752	2756	2760	rVV	266169	308541	4.16%	0.435%
70	19.386	2767	2771	2783	rBV	200156	311511	4.20%	0.439%
71	19.498	2787	2790	2800	rVB2	44219	86466	1.17%	0.122%
72	19.609	2803	2809	2822	rVV	5411256	7420931	100.00%	10.456%
73	19.745	2829	2832	2837	rVB4	36362	39887	0.54%	0.056%
74	20.121	2891	2896	2899	rBV	311073	450236	6.07%	0.634%
75	20.150	2899	2901	2905	rVB	122478	135196	1.82%	0.190%
76	20.480	2954	2957	2960	rVB2	61304	62561	0.84%	0.088%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB442

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\SFAM-EPA-BM052621.M
Title : SVOA CALIBRATION

77	20.645	2982	2985	2993	rVB	120085	135842	1.83%	0.191%
78	21.097	3058	3062	3070	rBV	540131	759357	10.23%	1.070%
79	21.386	3106	3111	3116	rBV	2654310	3336583	44.96%	4.701%
80	23.533	3469	3476	3487	rVB2	3229769	6344947	85.50%	8.940%
81	23.680	3495	3501	3518	rVB2	1674020	3155031	42.52%	4.446%

Sum of corrected areas: 70969861

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
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Acq On : 27 May 2021 03:22
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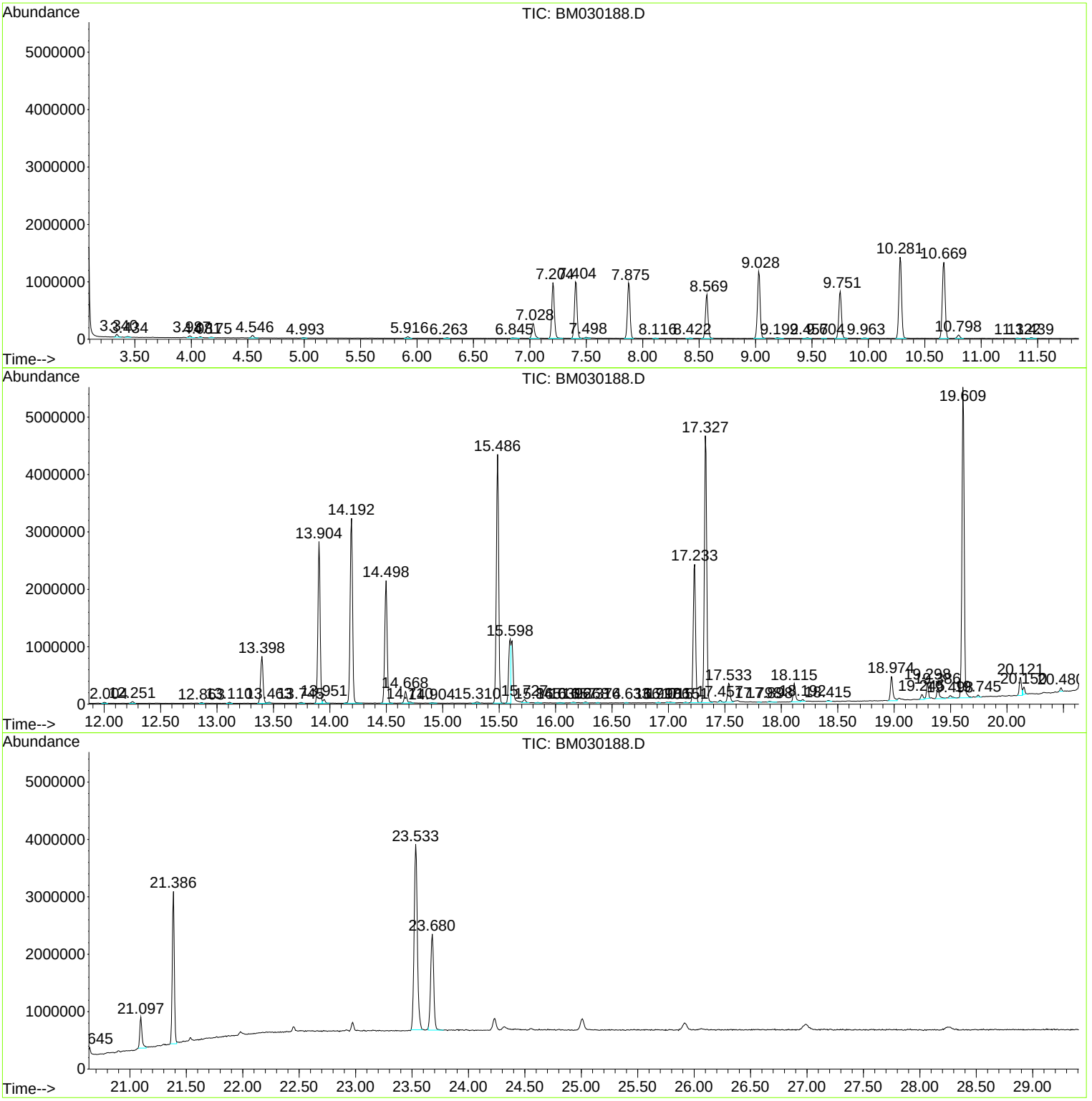
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB442

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
Data File : BM030188.D
Acq On : 27 May 2021 03:22
Operator : CG/JU
Sample : M2495-12
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Instrument : BNA_M
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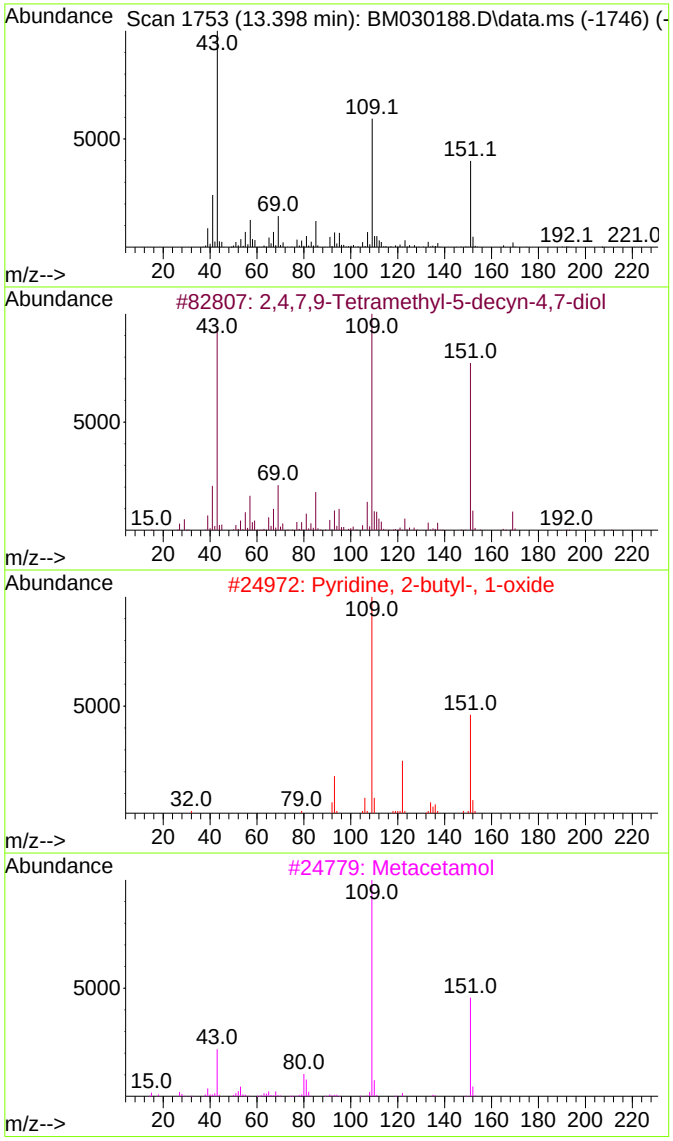
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

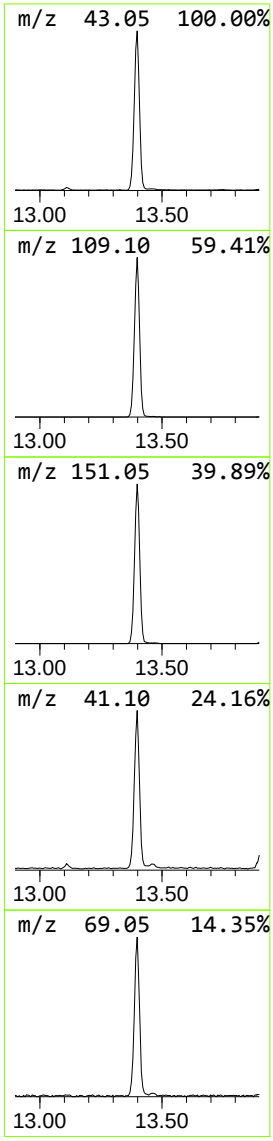
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.400	7.88 ng/ul	1242940	Acenaphthene-d10	14.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50
5	Acetaminophen	151	C8H9NO2	000103-90-2	50





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Data File : BM030188.D
Acq On : 27 May 2021 03:22
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Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB442

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

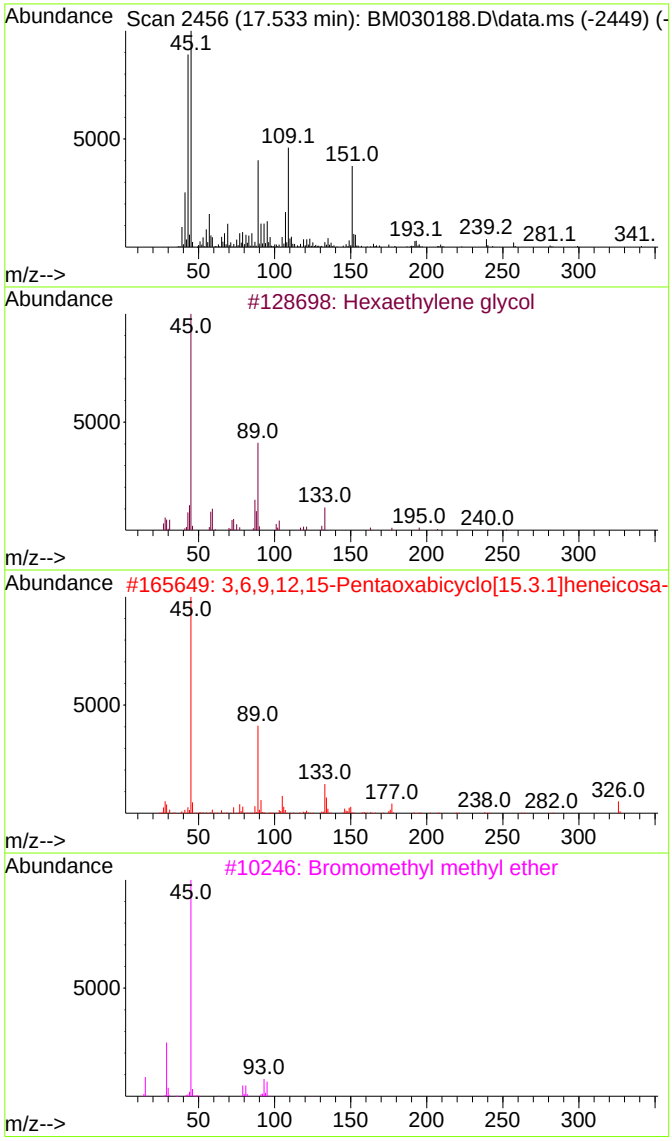
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

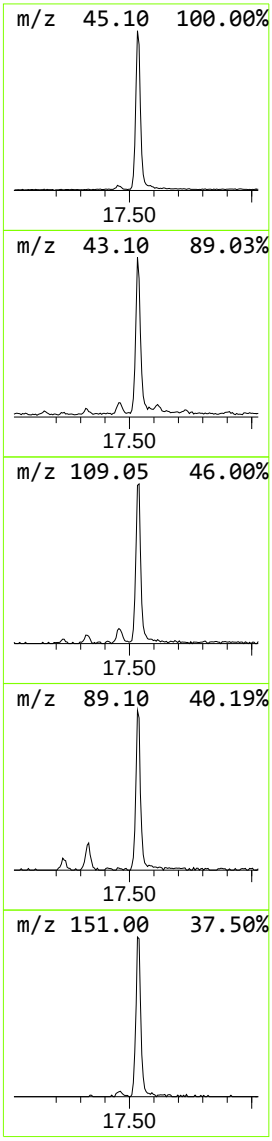
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.530	2.78 ng/ul	491708	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	37
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	37
3	Bromomethyl methyl ether	124	C2H5BrO	013057-17-5	27
4	Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	22
5	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
Data File : BM030188.D
Acq On : 27 May 2021 03:22
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Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB442

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

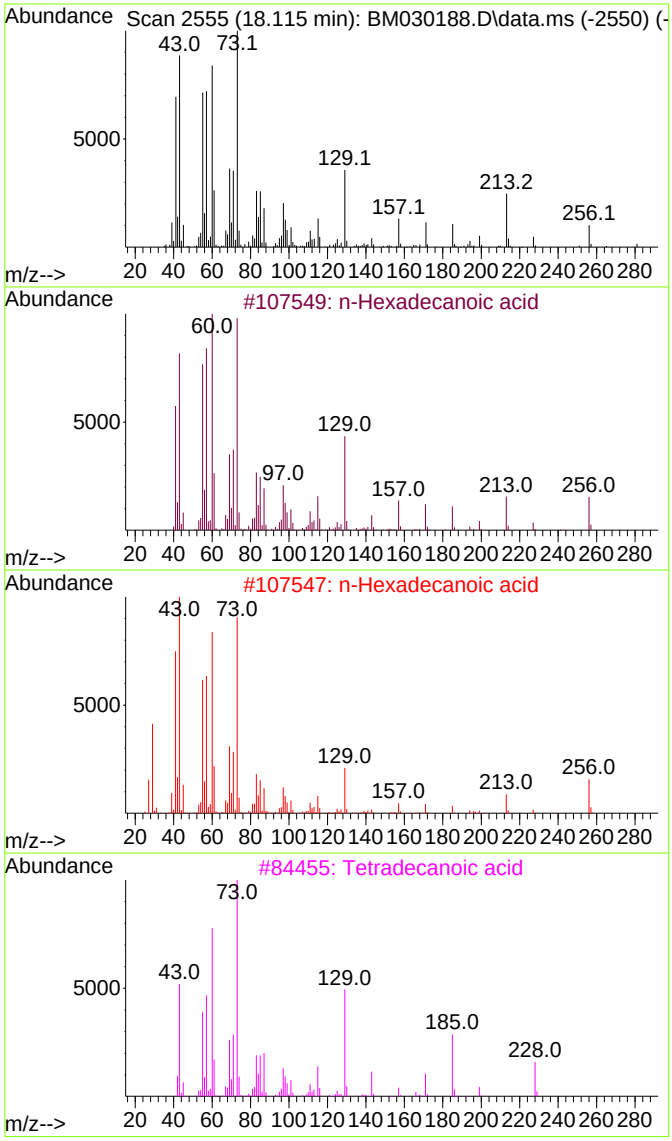
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

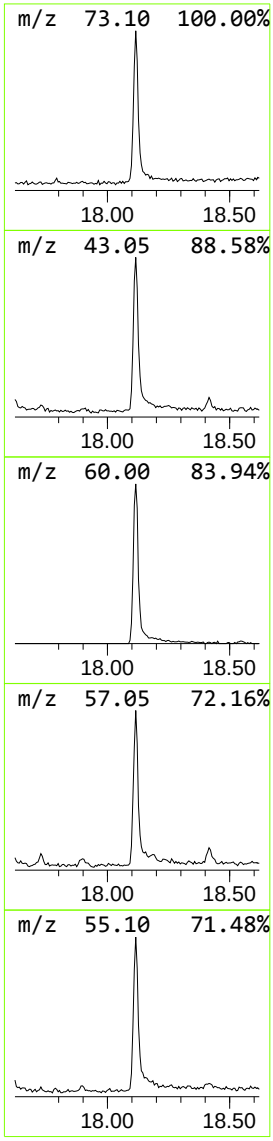
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	2.76 ng/ul	487416	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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ClientSampleId : GB442

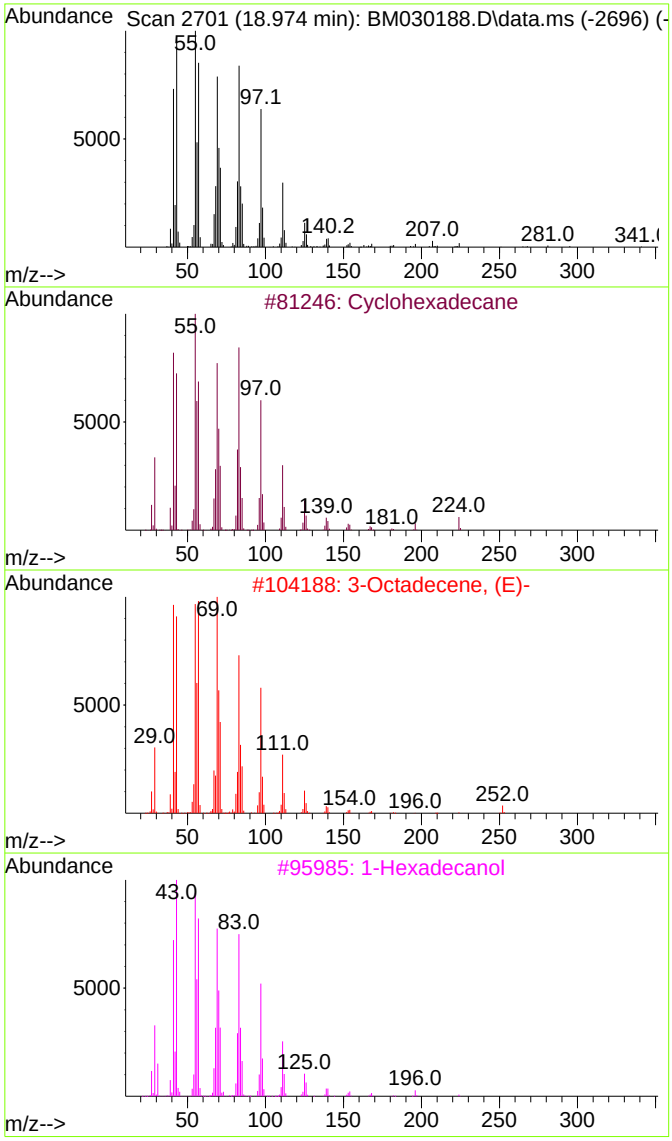
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

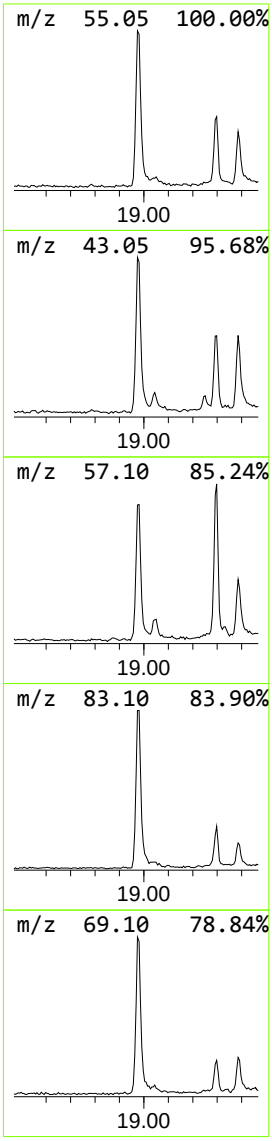
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic18.97 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.970	3.72 ng/ul	656630	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





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ALS Vial : 18 Sample Multiplier: 1

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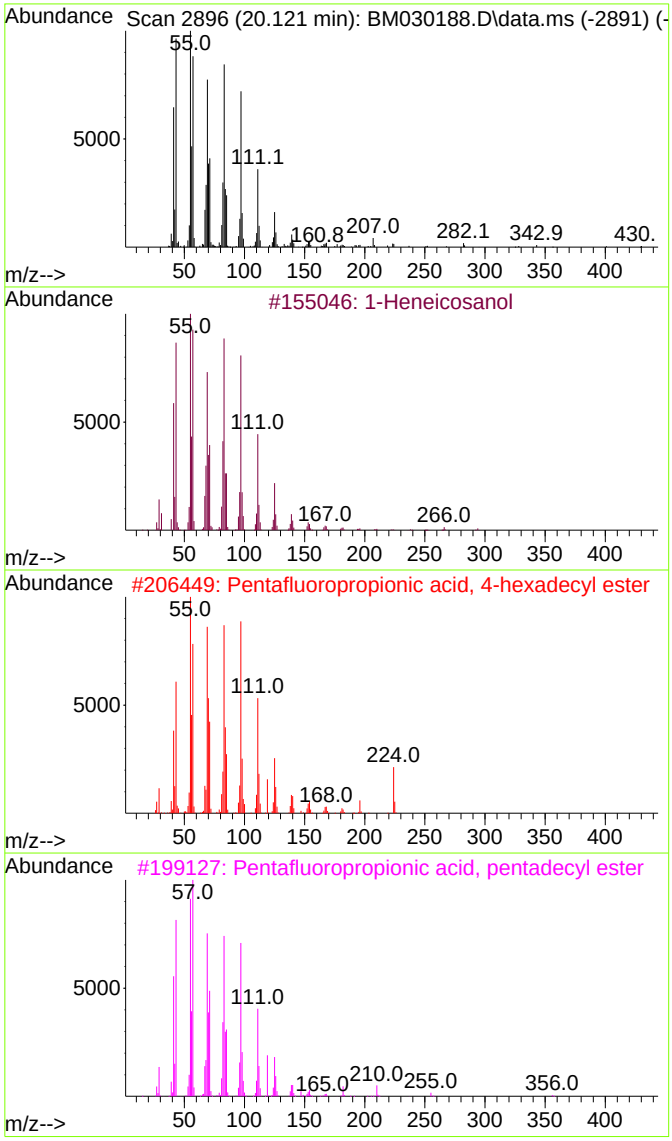
Quant Title : SVOA CALIBRATION

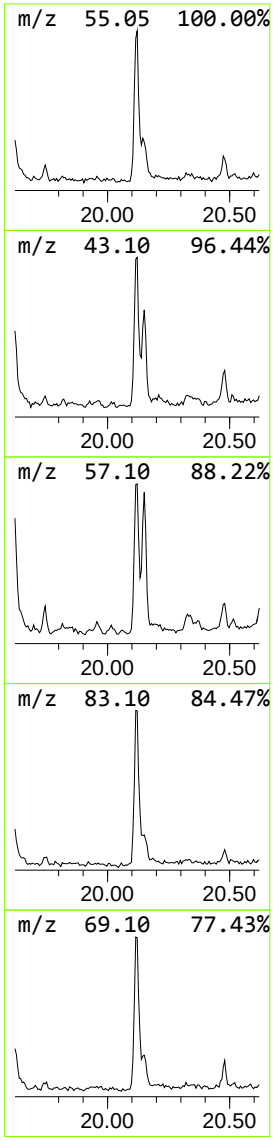
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.120	2.70 ng/ul	450236	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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Data File : BM030188.D
Acq On : 27 May 2021 03:22
Operator : CG/JU
Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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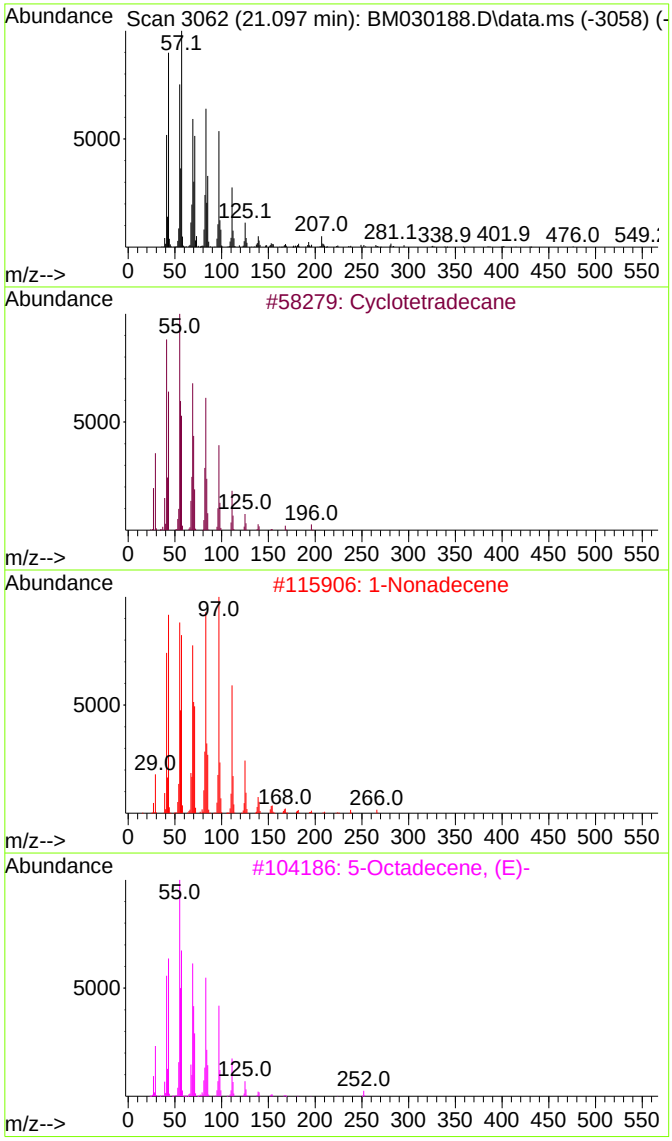
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION

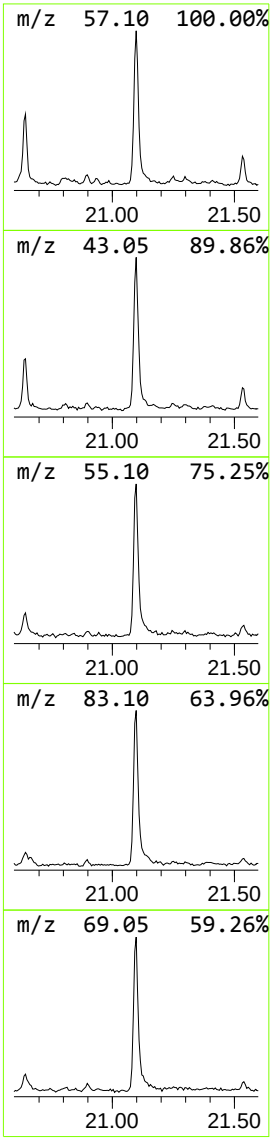
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.100	4.55 ng/ul	759357	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052621\
Data File : BM030188.D
Acq On : 27 May 2021 03:22
Operator : CG/JU
Sample : M2495-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB442

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.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
2,4,7,9-Tetrame...	13.400	7.9	ng/ul	1242940	3	14.498	3154020	20.0
unknown-01	17.530	2.8	ng/ul	491708	4	17.233	3531260	20.0
n-Hexadecanoic ...	18.120	2.8	ng/ul	487416	4	17.233	3531260	20.0
(DEL) Alkane: C...	18.970	3.7	ng/ul	656630	4	17.233	3531260	20.0
1-Heneicosanol	20.120	2.7	ng/ul	450236	5	21.386	3336580	20.0
(DEL) Alkane: C...	21.100	4.5	ng/ul	759357	5	21.386	3336580	20.0