LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033139.D
Acq On : 18 Nov 2021 02:59
Operator : CG/JU
Sample : M4618-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG218

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-BM111721.M
Title : SVOA CALIBRATION

Signal : TIC: BM033139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.390	5	9	12	rBV	43673	57317	2.88%	0.294%
2	3.419	12	14	19	rVB	22648	28104	1.41%	0.144%
3	3.578	39	41	46	rVB5	5577	5938	0.30%	0.030%
4	3.678	56	58	61	rBV4	2798	2086	0.10%	0.011%
5	3.872	88	91	92	rBV3	2381	2319	0.12%	0.012%
6	4.066	120	124	131	rVB5	7464	14156	0.71%	0.073%
7	4.166	136	141	144	rVV3	8448	11458	0.58%	0.059%
8	4.225	148	151	154	rBV5	1522	2007	0.10%	0.010%
9	4.419	182	184	188	rBV5	2016	2367	0.12%	0.012%
10	4.560	206	208	211	rVB4	2217	2519	0.13%	0.013%
11	4.690	228	230	234	rVB4	3175	3879	0.19%	0.020%
12	4.725	234	236	241	rVB6	1760	2723	0.14%	0.014%
13	5.096	294	299	302	rBV	15578	22393	1.12%	0.115%
14	5.260	322	327	332	rBV3	10183	15382	0.77%	0.079%
15	5.396	349	350	354	rBV4	1479	2241	0.11%	0.011%
16	5.454	357	360	365	rBV6	2333	3688	0.19%	0.019%
17	6.066	461	464	468	rBV5	2777	4136	0.21%	0.021%
18	6.307	504	505	508	rBV4	2138	2218	0.11%	0.011%
19	7.125	637	644	655	rVB2	77264	144892	7.27%	0.742%
20	7.301	666	674	682	rBV	211825	350304	17.59%	1.794%
21	7.501	701	708	716	rBV	239236	384011	19.28%	1.967%
22	7.560	716	718	721	rVB3	2181	2097	0.11%	0.011%
23	7.972	781	788	795	rBV	337366	530080	26.61%	2.715%
24	8.025	795	797	802	rVB5	5860	8452	0.42%	0.043%
25	8.666	899	906	915	rBV	193834	316778	15.90%	1.623%
26	9.131	976	985	992	rBV	277384	466646	23.43%	2.390%
27	9.284	1009	1011	1014	rBV4	2839	3459	0.17%	0.018%
28	9.531	1049	1053	1060	rVB2	7674	11112	0.56%	0.057%
29	9.654	1071	1074	1082	rBV7	1135	2288	0.11%	0.012%
30	9.848	1100	1107	1120	rVB	197111	339902	17.06%	1.741%
31	10.054	1139	1142	1147	rVB5	2704	3957	0.20%	0.020%
32	10.283	1176	1181	1185	rVB7	2083	3392	0.17%	0.017%
33	10.383	1191	1198	1211	rVB	332098	547386	27.48%	2.804%
34	10.542	1218	1225	1235	rBV	46304	84859	4.26%	0.435%
35	10.625	1235	1239	1244	rVB7	3466	5370	0.27%	0.028%
36	10.772	1256	1264	1271	rVB	411538	712381	35.76%	3.649%

LSC Area Percent Report

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Acq On : 18 Nov 2021 02:59
Operator : CG/JU
Sample : M4618-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG218

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-BM111721.M
Title : SVOA CALIBRATION

37	10.901	1278	1286	1296	rBV	189707	329030	16.52%	1.685%
38	11.313	1349	1356	1358	rBV8	2581	4670	0.23%	0.024%
39	11.460	1377	1381	1384	rBV5	1367	2026	0.10%	0.010%
40	11.536	1389	1394	1398	rBV6	2908	5893	0.30%	0.030%
41	12.166	1499	1501	1505	rBV5	1654	2017	0.10%	0.010%
42	12.283	1512	1521	1528	rBV	118805	189710	9.52%	0.972%
43	12.342	1528	1531	1537	rVB3	7391	10900	0.55%	0.056%
44	12.448	1547	1549	1551	rBV2	2059	2128	0.11%	0.011%
45	12.813	1604	1611	1614	rBV4	2043	3460	0.17%	0.018%
46	12.883	1620	1623	1626	rBV4	1609	2048	0.10%	0.010%
47	13.166	1670	1671	1675	rBV4	1954	2257	0.11%	0.012%
48	13.201	1675	1677	1681	rVV4	3048	3055	0.15%	0.016%
49	13.271	1686	1689	1692	rBV4	1978	2267	0.11%	0.012%
50	13.407	1708	1712	1717	rVV5	6171	9739	0.49%	0.050%
51	13.483	1719	1725	1729	rVV4	5028	7592	0.38%	0.039%
52	13.554	1735	1737	1741	rVB4	3095	3789	0.19%	0.019%
53	13.766	1768	1773	1778	rVB7	3362	5717	0.29%	0.029%
54	13.995	1806	1812	1820	rBV	660361	902390	45.30%	4.622%
55	14.230	1847	1852	1854	rBV5	4753	6740	0.34%	0.035%
56	14.283	1854	1861	1873	rVB	685193	1014442	50.93%	5.196%
57	14.483	1889	1895	1898	rBV5	4498	5806	0.29%	0.030%
58	14.589	1901	1913	1922	rBV	633041	956806	48.04%	4.901%
59	14.766	1935	1943	1950	rBV	72854	114513	5.75%	0.587%
60	14.930	1969	1971	1976	rBV4	3124	4384	0.22%	0.022%
61	14.995	1976	1982	1987	rVB6	19653	32523	1.63%	0.167%
62	15.095	1996	1999	2001	rBV3	1951	2067	0.10%	0.011%
63	15.207	2012	2018	2021	rBV7	1466	3138	0.16%	0.016%
64	15.365	2040	2045	2051	rBV6	2931	5951	0.30%	0.030%
65	15.577	2073	2081	2089	rBV	924059	1334432	66.99%	6.835%
66	15.683	2092	2099	2108	rBV	268264	380649	19.11%	1.950%
67	15.818	2119	2122	2128	rVB6	4553	7202	0.36%	0.037%
68	16.030	2154	2158	2159	rBV4	2433	3372	0.17%	0.017%
69	16.065	2162	2164	2167	rVB4	2305	2060	0.10%	0.011%
70	16.289	2198	2202	2205	rVV6	2663	3463	0.17%	0.018%
71	16.342	2208	2211	2212	rBV3	2697	2109	0.11%	0.011%
72	16.418	2219	2224	2225	rBV4	2559	2983	0.15%	0.015%
73	16.448	2225	2229	2232	rVV6	4611	7588	0.38%	0.039%
74	16.495	2232	2237	2242	rVB2	15309	24286	1.22%	0.124%
75	16.536	2242	2244	2248	rBV4	1554	2188	0.11%	0.011%
76	16.618	2255	2258	2261	rVB5	1755	2263	0.11%	0.012%

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Title : SVOA CALIBRATION

77	16.718	2272	2275	2280	rVB6	3712	6814	0.34%	0.035%
78	16.918	2305	2309	2315	rVV7	3221	5377	0.27%	0.028%
79	16.959	2315	2316	2319	rVB2	2098	2022	0.10%	0.010%
80	17.071	2332	2335	2339	rVV5	4971	7465	0.37%	0.038%
81	17.118	2339	2343	2346	rVV6	2769	4070	0.20%	0.021%
82	17.236	2361	2363	2365	rBV3	2309	2205	0.11%	0.011%
83	17.324	2372	2378	2385	rVB	760091	1084785	54.46%	5.556%
84	17.424	2388	2395	2403	rBV	1139974	1645804	82.63%	8.430%
85	17.989	2485	2491	2495	rBV2	19979	28711	1.44%	0.147%
86	18.206	2523	2528	2537	rBV	198609	292012	14.66%	1.496%
87	18.501	2576	2578	2580	rBV2	3761	3379	0.17%	0.017%
88	18.771	2621	2624	2630	rBV8	9296	15179	0.76%	0.078%
89	19.148	2686	2688	2691	rBV4	9500	10304	0.52%	0.053%
90	19.271	2705	2709	2714	rBV6	16224	29833	1.50%	0.153%
91	19.336	2716	2720	2727	rBV2	23142	42963	2.16%	0.220%
92	19.418	2730	2734	2739	rVB	137148	159766	8.02%	0.818%
93	19.477	2739	2744	2755	rBV	139265	222730	11.18%	1.141%
94	19.700	2776	2782	2788	rBV	1390501	1920516	96.42%	9.837%
95	21.177	3030	3033	3039	rBV	157621	215792	10.83%	1.105%
96	21.477	3079	3084	3089	rBV	901800	1164579	58.47%	5.965%
97	23.671	3451	3457	3470	rVB2	981024	1991878	100.00%	10.202%
98	23.824	3477	3483	3490	rVB	600034	1157391	58.11%	5.928%

Sum of corrected areas: 19523525

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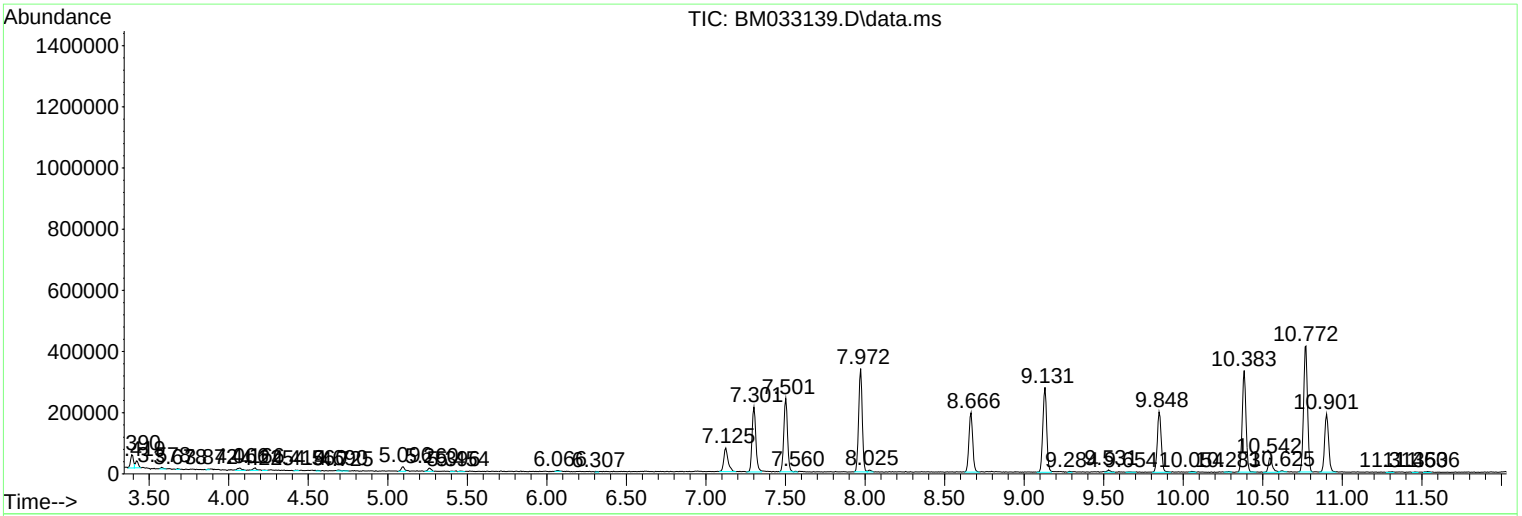
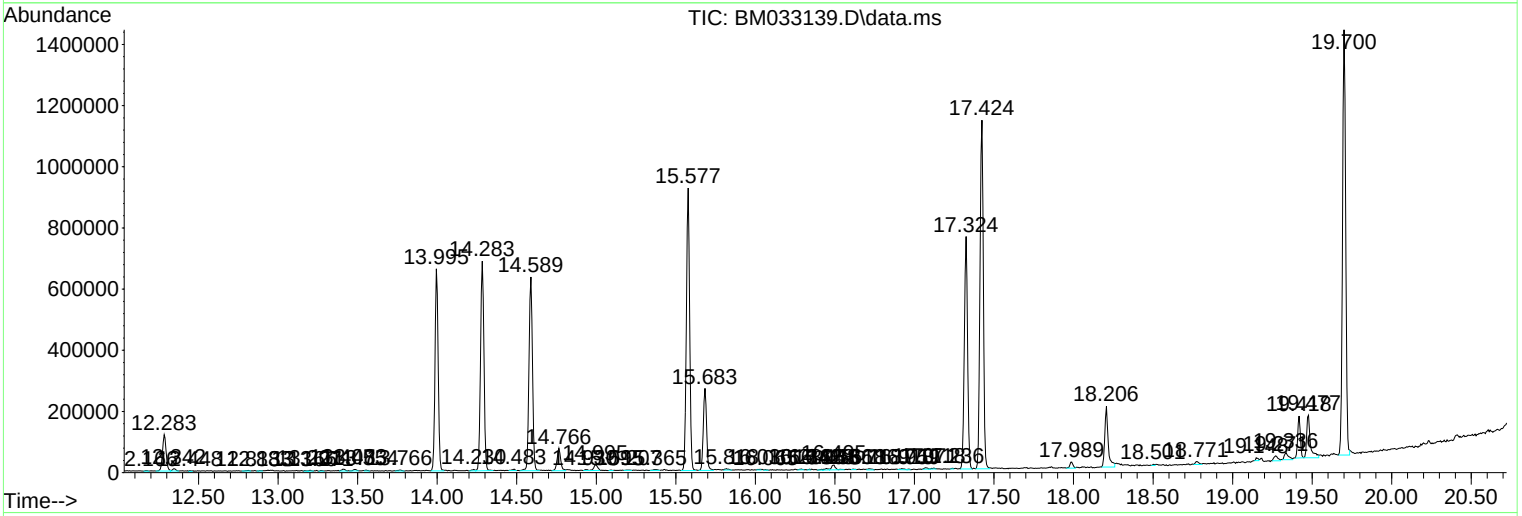
ALS Vial : 16 Sample Multiplier: 1

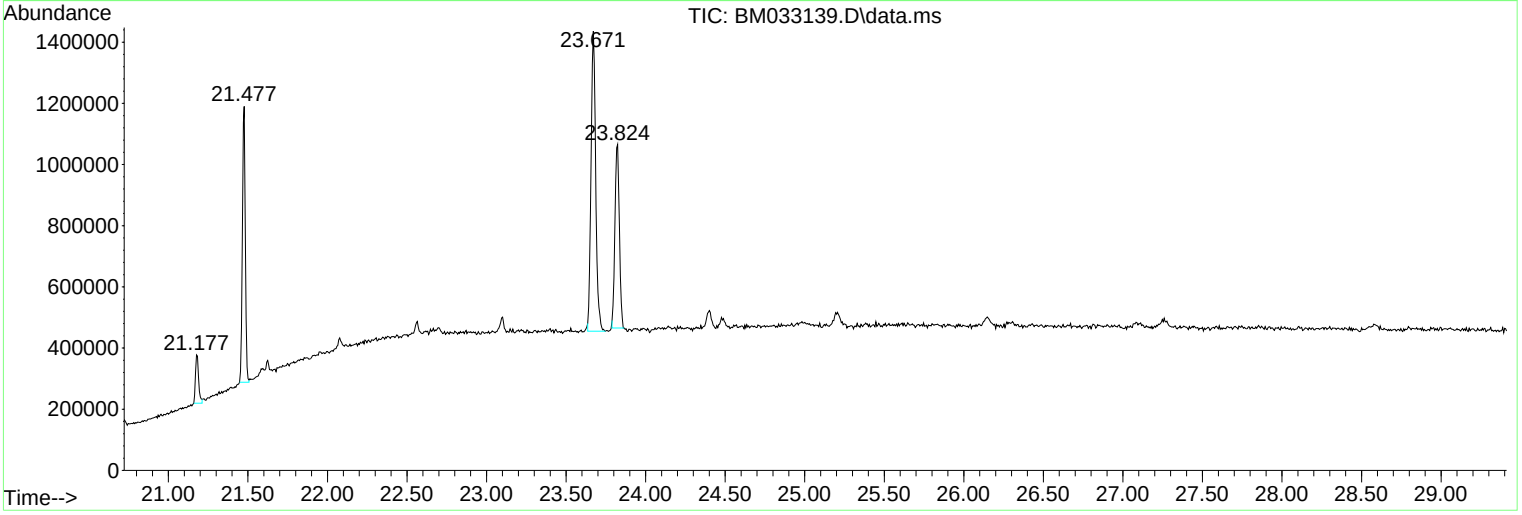
Instrument :
BNA_M
ClientSampleId :
BG218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Sample : M4618-11
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG218

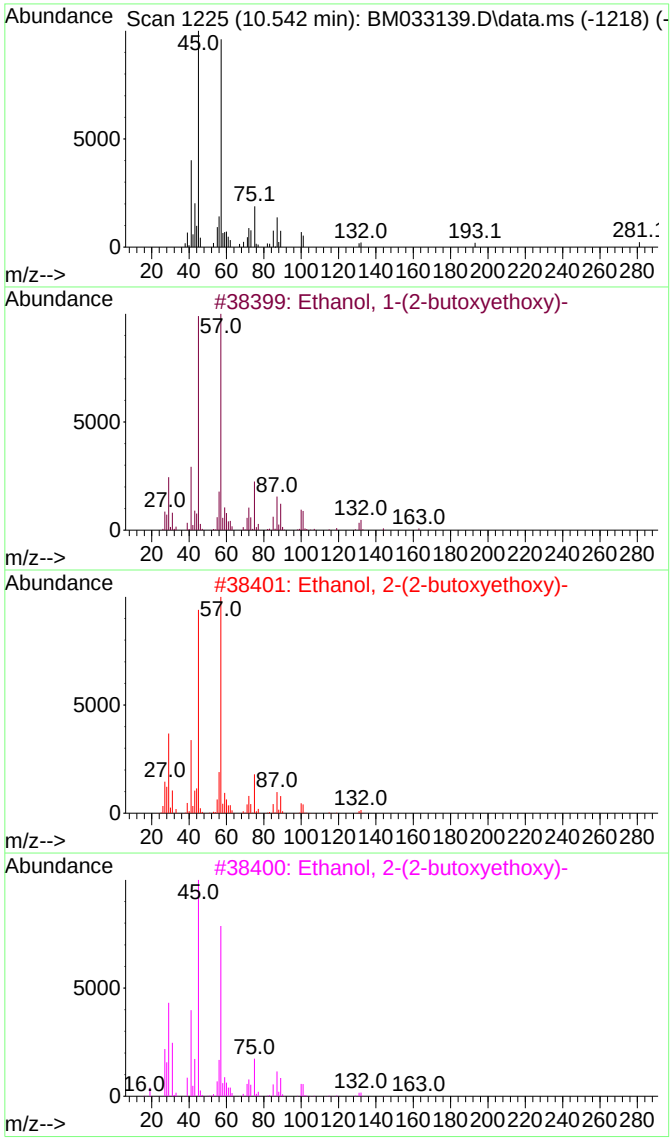
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

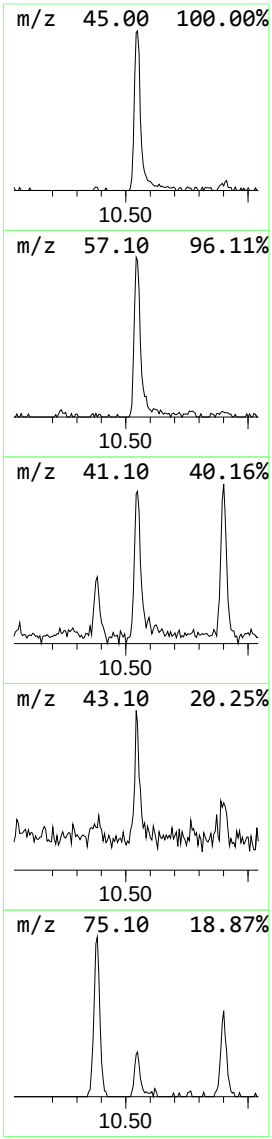
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.542	2.38 ng/ul	84859	Naphthalene-d8	10.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	74





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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

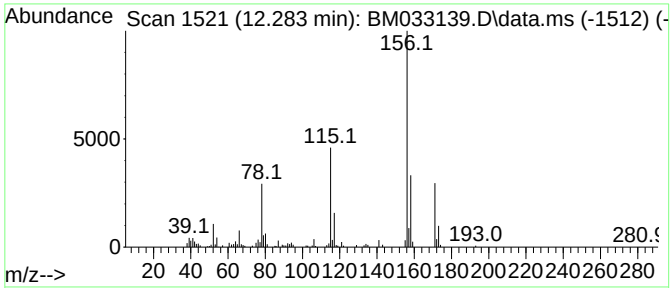
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

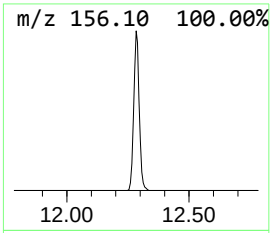
****

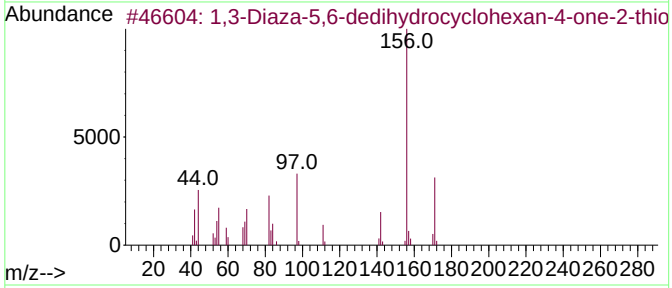
Peak Number 2 unknown-01 Concentration Rank 2

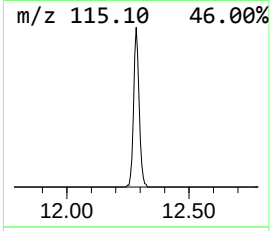
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	5.33 ng/ul	189710	Naphthalene-d8	10.772

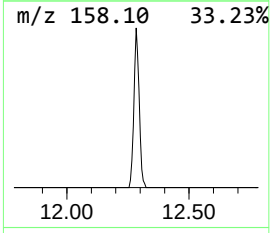
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
2	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	32
3	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	25
4	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	23
5	6-Isopropylquinoline	171	C12H13N	000135-79-5	23

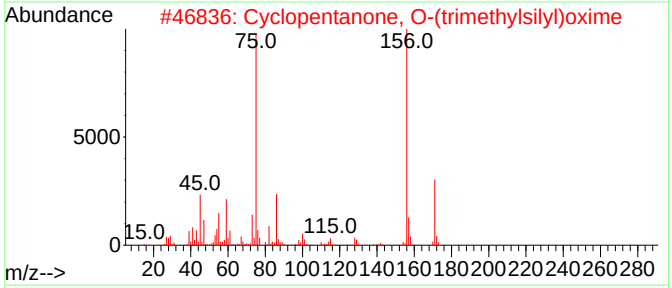


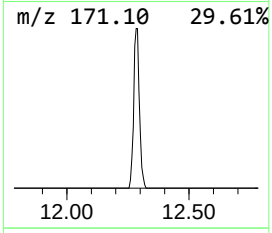


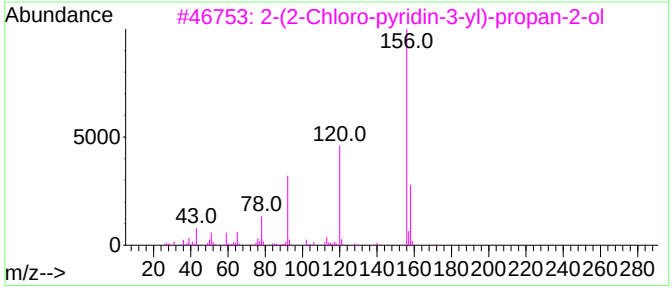


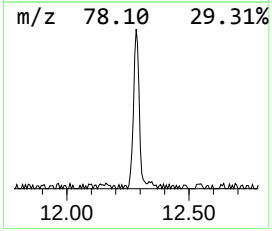












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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

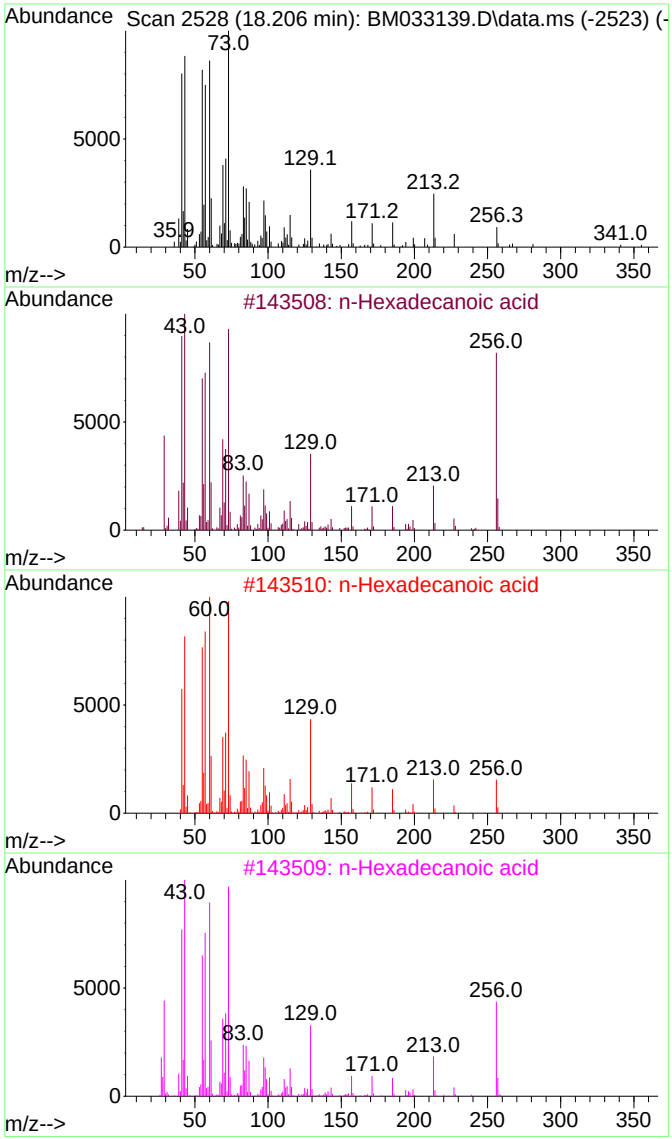
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

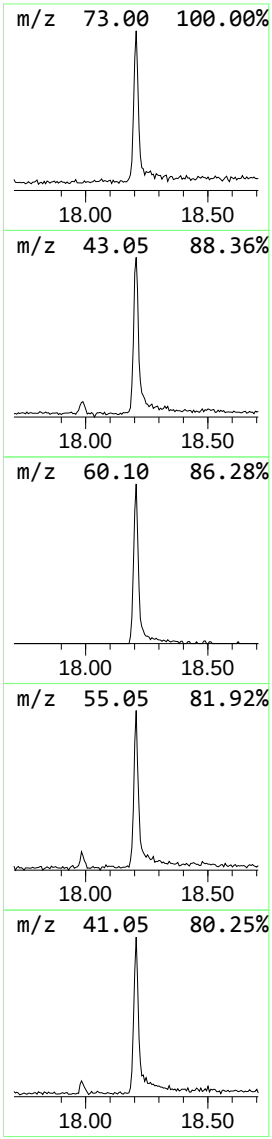
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	5.38 ng/ul	292012	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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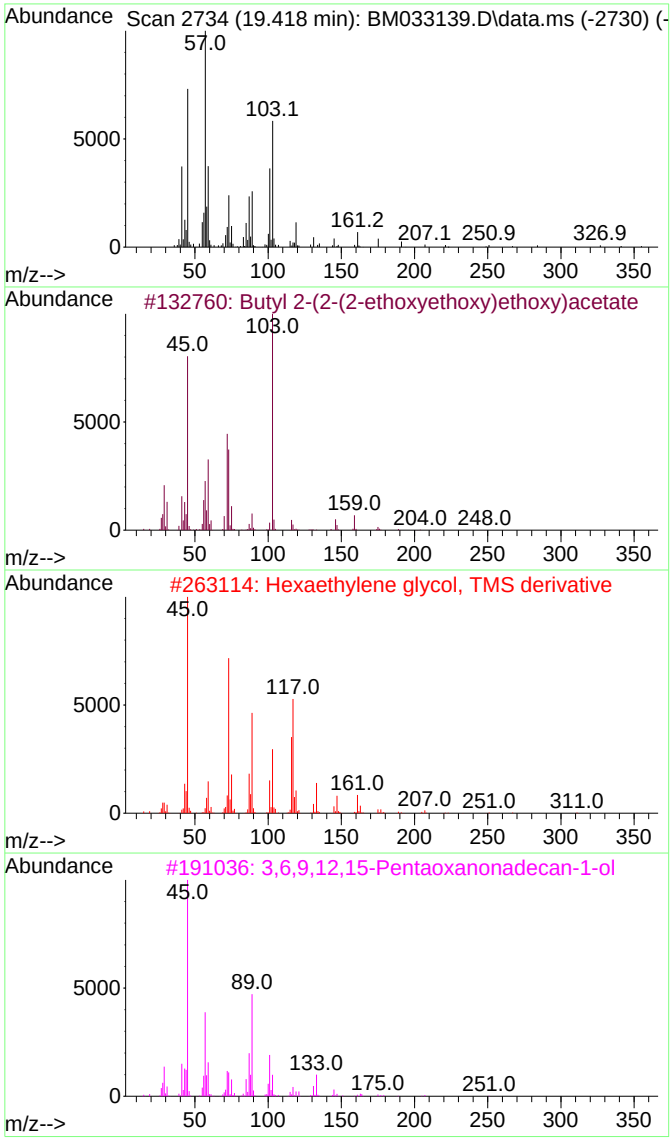
Quant Title : SVOA CALIBRATION

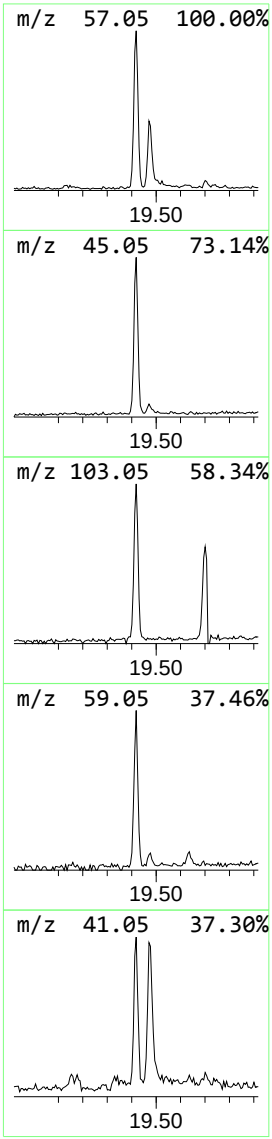
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butyl 2-(2-(2-ethoxyethoxy)... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.418	2.74 ng/ul	159766	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 2-(2-(2-ethoxyethoxy)ethox...	248	C12H24O5	1000366-77-5	50
2	Hexaethylene glycol, TMS derivative	354	C15H34O7Si	1000352-06-8	47
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	47
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	43
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	38





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Data File : BM033139.D
Acq On : 18 Nov 2021 02:59
Operator : CG/JU
Sample : M4618-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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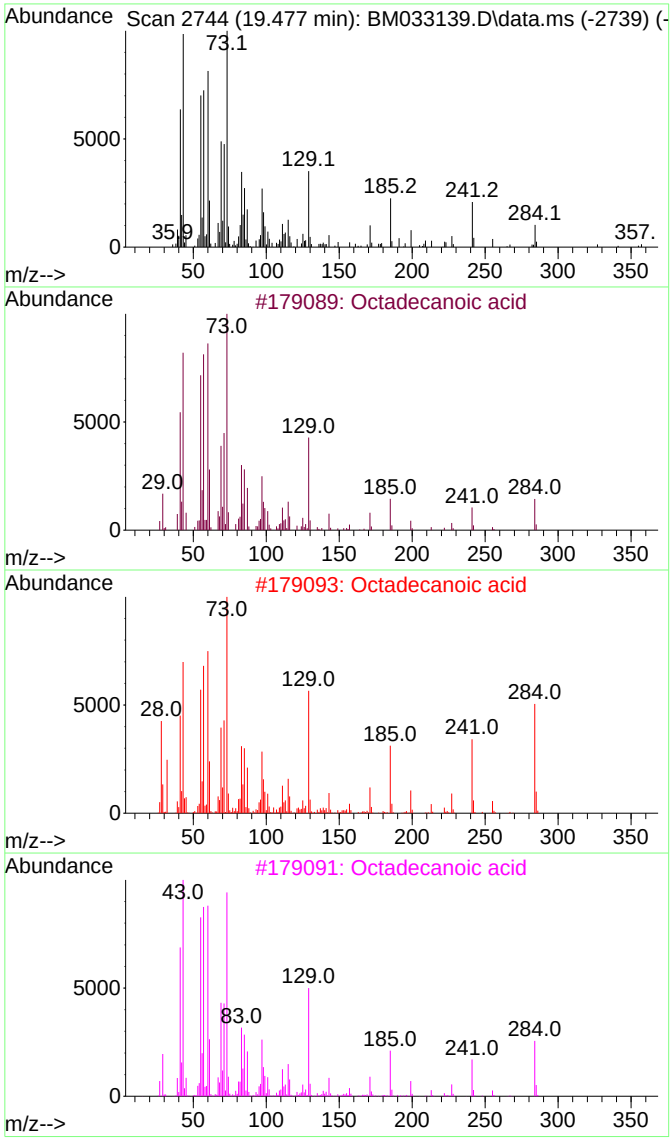
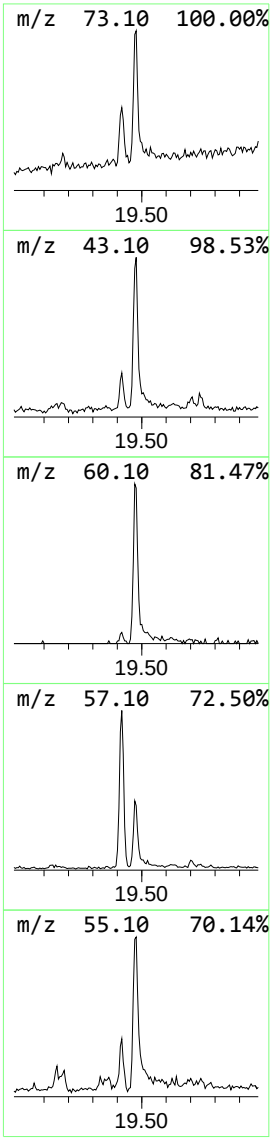
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.477	3.83 ng/ul	222730	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Data File : BM033139.D
Acq On : 18 Nov 2021 02:59
Operator : CG/JU
Sample : M4618-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG218

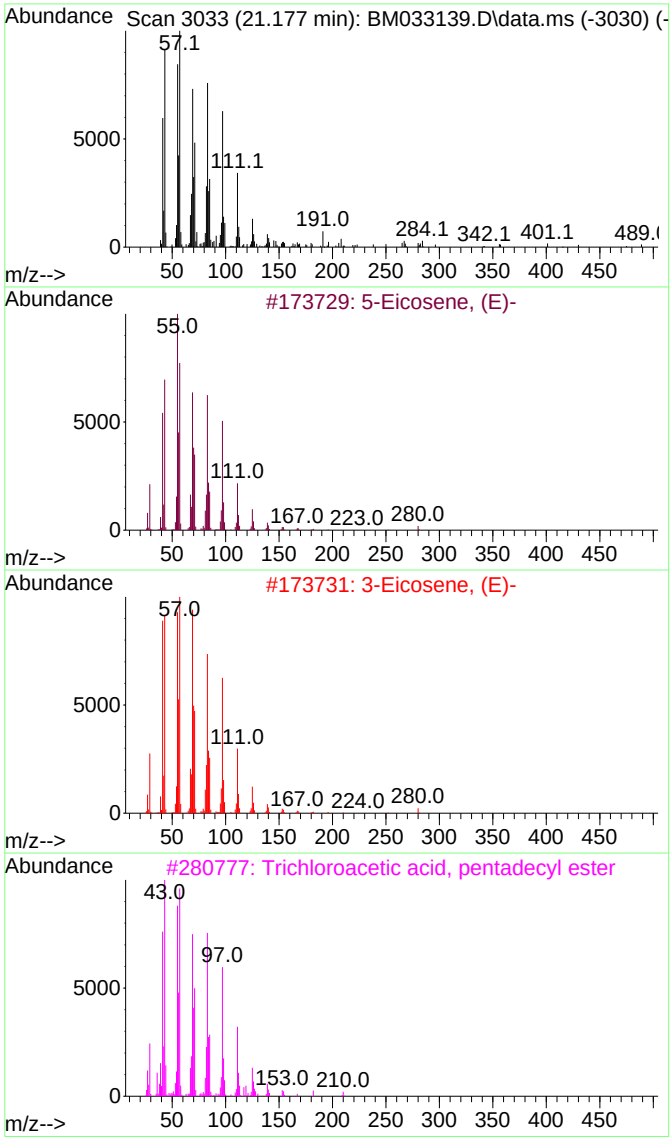
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

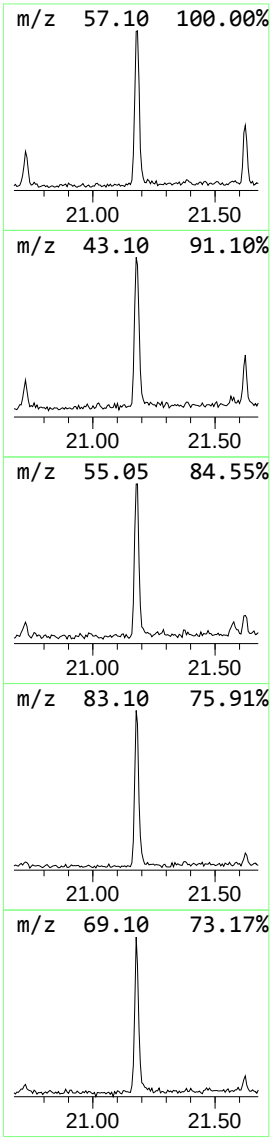
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.177	3.71 ng/ul	215792	Chrysene-d12	21.477

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	1-Heptadecene	238	C17H34	006765-39-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033139.D
Acq On : 18 Nov 2021 02:59
Operator : CG/JU
Sample : M4618-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.542	2.4	ng/ul	84859	2	10.772	712381	20.0
unknown-01	12.283	5.3	ng/ul	189710	2	10.772	712381	20.0
n-Hexadecanoic ...	18.206	5.4	ng/ul	292012	4	17.324	1084790	20.0
Butyl 2-(2-(2-e...	19.418	2.7	ng/ul	159766	5	21.477	1164580	20.0
Octadecanoic acid	19.477	3.8	ng/ul	222730	5	21.477	1164580	20.0
(DEL) Alkane: S...	21.177	3.7	ng/ul	215792	5	21.477	1164580	20.0