LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037711.D
Acq On : 26 Nov 2022 00:46
Operator : CG/JU
Sample : N5591-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C9830

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-BM112322.M
Title : SVOA CALIBRATION

Signal : TIC: BM037711.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	4	8	16	rVB	57716	86887	1.48%	0.123%
2	3.722	54	57	67	rBV	44953	77950	1.33%	0.111%
3	3.869	79	82	100	rBV	773038	1314151	22.38%	1.867%
4	4.075	113	117	119	rBV4	8717	12720	0.22%	0.018%
5	4.216	137	141	148	rVB3	16349	30843	0.53%	0.044%
6	4.281	149	152	157	rVB2	8934	12580	0.21%	0.018%
7	4.846	243	248	249	rBV4	5765	8848	0.15%	0.013%
8	5.169	297	303	310	rBV	277803	394810	6.73%	0.561%
9	6.163	468	472	475	rBV6	6169	10340	0.18%	0.015%
10	7.069	620	626	633	rBV	26239	53379	0.91%	0.076%
11	7.257	651	658	674	rVB	1156015	1788320	30.46%	2.540%
12	7.434	678	688	698	rBV	847869	1344548	22.90%	1.910%
13	7.634	715	722	732	rBV	1015991	1619209	27.58%	2.300%
14	7.716	732	736	742	rVB3	14730	24774	0.42%	0.035%
15	7.899	762	767	770	rBV5	4566	7902	0.13%	0.011%
16	8.110	796	803	810	rVV	848539	1322078	22.52%	1.878%
17	8.169	810	813	818	rVB5	7048	9514	0.16%	0.014%
18	8.663	894	897	904	rVB9	6133	12063	0.21%	0.017%
19	8.816	915	923	935	rBV	1338280	2102350	35.81%	2.986%
20	8.934	941	943	950	rVB6	5703	7976	0.14%	0.011%
21	9.281	995	1002	1012	rBV	1113263	1768431	30.12%	2.512%
22	9.375	1012	1018	1023	rVV6	11453	22233	0.38%	0.032%
23	9.446	1024	1030	1035	rVB5	18141	29407	0.50%	0.042%
24	9.693	1067	1072	1080	rVB9	13793	27981	0.48%	0.040%
25	10.010	1117	1126	1135	rBV	855521	1377316	23.46%	1.956%
26	10.222	1156	1162	1167	rBV6	11243	18768	0.32%	0.027%
27	10.545	1210	1217	1231	rBV	1251191	2024244	34.48%	2.875%
28	10.698	1237	1243	1258	rBV	755863	1165132	19.85%	1.655%
29	10.934	1274	1283	1294	rVB	1249533	2059002	35.07%	2.925%
30	11.069	1298	1306	1316	rVV	1288766	2160134	36.80%	3.068%
31	11.292	1340	1344	1347	rBV6	10280	17266	0.29%	0.025%
32	11.457	1370	1372	1379	rVB8	5456	10094	0.17%	0.014%
33	11.516	1379	1382	1387	rBV7	4454	8445	0.14%	0.012%
34	11.698	1408	1413	1419	rBV6	17377	30076	0.51%	0.043%
35	11.934	1447	1453	1454	rBV6	6417	10974	0.19%	0.016%
36	12.098	1475	1481	1484	rBV8	6305	10004	0.17%	0.014%

LSC Area Percent Report

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Sample : N5591-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C9830

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-BM112322.M
Title : SVOA CALIBRATION

37	12.175	1487	1494	1500	rVB5	13855	34621	0.59%	0.049%
38	12.510	1546	1551	1556	rVB2	22591	34381	0.59%	0.049%
39	12.728	1583	1588	1594	rVB6	6821	11104	0.19%	0.016%
40	13.104	1646	1652	1659	rVB4	23728	39280	0.67%	0.056%
41	13.245	1671	1676	1681	rBV8	8320	10210	0.17%	0.015%
42	13.351	1689	1694	1698	rBV2	31406	45157	0.77%	0.064%
43	13.628	1737	1741	1746	rBV	19453	30174	0.51%	0.043%
44	13.692	1748	1752	1759	rVB6	31028	47886	0.82%	0.068%
45	13.933	1786	1793	1797	rBV9	11027	18378	0.31%	0.026%
46	14.139	1821	1828	1834	rBV	2331832	3156391	53.76%	4.483%
47	14.263	1844	1849	1852	rBV6	8531	11112	0.19%	0.016%
48	14.369	1862	1867	1871	rBV	73640	105526	1.80%	0.150%
49	14.433	1871	1878	1889	rVB	2612504	3693627	62.92%	5.246%
50	14.616	1905	1909	1914	rVB7	7102	10857	0.18%	0.015%
51	14.739	1922	1930	1938	rBV	1885167	2782953	47.40%	3.953%
52	14.816	1938	1943	1950	rVB7	8964	21918	0.37%	0.031%
53	14.916	1950	1960	1975	rBV	1321339	2023308	34.46%	2.874%
54	15.133	1992	1997	2003	rVB7	23978	48313	0.82%	0.069%
55	15.228	2010	2013	2021	rVB10	4978	10222	0.17%	0.015%
56	15.363	2031	2036	2040	rVB5	13013	18591	0.32%	0.026%
57	15.522	2056	2063	2069	rBV2	52687	113784	1.94%	0.162%
58	15.722	2087	2097	2108	rBV	3278832	4595616	78.28%	6.527%
59	15.827	2108	2115	2128	rBV	1033137	1414790	24.10%	2.010%
60	15.963	2133	2138	2142	rVB3	23096	36823	0.63%	0.052%
61	16.075	2154	2157	2161	rVV5	16559	24362	0.41%	0.035%
62	16.116	2161	2164	2168	rVB3	19197	24400	0.42%	0.035%
63	16.169	2168	2173	2180	rVB7	17769	25026	0.43%	0.036%
64	16.251	2183	2187	2191	rBV6	12998	17308	0.29%	0.025%
65	16.351	2201	2204	2207	rBV5	11476	14414	0.25%	0.020%
66	16.392	2208	2211	2213	rVV3	21888	26731	0.46%	0.038%
67	16.422	2213	2216	2224	rVV5	31970	69584	1.19%	0.099%
68	16.498	2226	2229	2235	rVB7	15196	22446	0.38%	0.032%
69	16.604	2241	2247	2251	rVB4	36223	53956	0.92%	0.077%
70	16.769	2269	2275	2278	rBV8	11147	22232	0.38%	0.032%
71	16.827	2281	2285	2286	rVV4	9423	11160	0.19%	0.016%
72	16.857	2286	2290	2299	rVB8	22564	40763	0.69%	0.058%
73	16.939	2299	2304	2308	rBV5	23733	40389	0.69%	0.057%
74	16.998	2312	2314	2318	rVB5	8010	9093	0.15%	0.013%
75	17.210	2344	2350	2354	rBV3	45780	70626	1.20%	0.100%
76	17.374	2371	2378	2382	rBV	67465	94881	1.62%	0.135%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5591-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9830

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	17.416	2382	2385	2388	rVB4	8263	9633	0.16%	0.014%
78	17.474	2388	2395	2401	rBV	2296389	3293663	56.10%	4.678%
79	17.569	2405	2411	2420	rBV2	3429287	4889293	83.28%	6.945%
80	17.839	2453	2457	2462	rBV8	22991	39595	0.67%	0.056%
81	17.957	2473	2477	2481	rBV5	23506	33982	0.58%	0.048%
82	18.127	2501	2506	2511	rVB	131269	163416	2.78%	0.232%
83	18.227	2518	2523	2530	rBV6	36962	83938	1.43%	0.119%
84	18.345	2539	2543	2550	rBV	492163	719066	12.25%	1.021%
85	18.639	2590	2593	2599	rBV2	26268	35827	0.61%	0.051%
86	18.768	2612	2615	2619	rVB	91868	108323	1.85%	0.154%
87	18.945	2643	2645	2649	rVB5	22285	25009	0.43%	0.036%
88	19.198	2685	2688	2692	rBV6	24729	39687	0.68%	0.056%
89	19.415	2722	2725	2729	rBV3	39309	50080	0.85%	0.071%
90	19.486	2733	2737	2748	rVB4	67517	161729	2.75%	0.230%
91	19.615	2754	2759	2765	rBV	296517	433102	7.38%	0.615%
92	19.851	2793	2799	2806	rBV	4358358	5564513	94.78%	7.904%
93	20.821	2961	2964	2968	rBV	86939	98148	1.67%	0.139%
94	21.321	3045	3049	3056	rBV	545003	730169	12.44%	1.037%
95	21.633	3097	3102	3107	rBV	2893857	3717733	63.33%	5.281%
96	22.909	3316	3319	3326	rVB	156771	228974	3.90%	0.325%
97	23.339	3389	3392	3398	rVB	202656	274674	4.68%	0.390%
98	23.968	3491	3499	3513	rVB2	2706440	5870723	100.00%	8.339%
99	24.127	3519	3526	3536	rVB2	1701142	3462959	58.99%	4.919%
100	24.745	3627	3631	3639	rVB	265914	506934	8.63%	0.720%

Sum of corrected areas: 70404312

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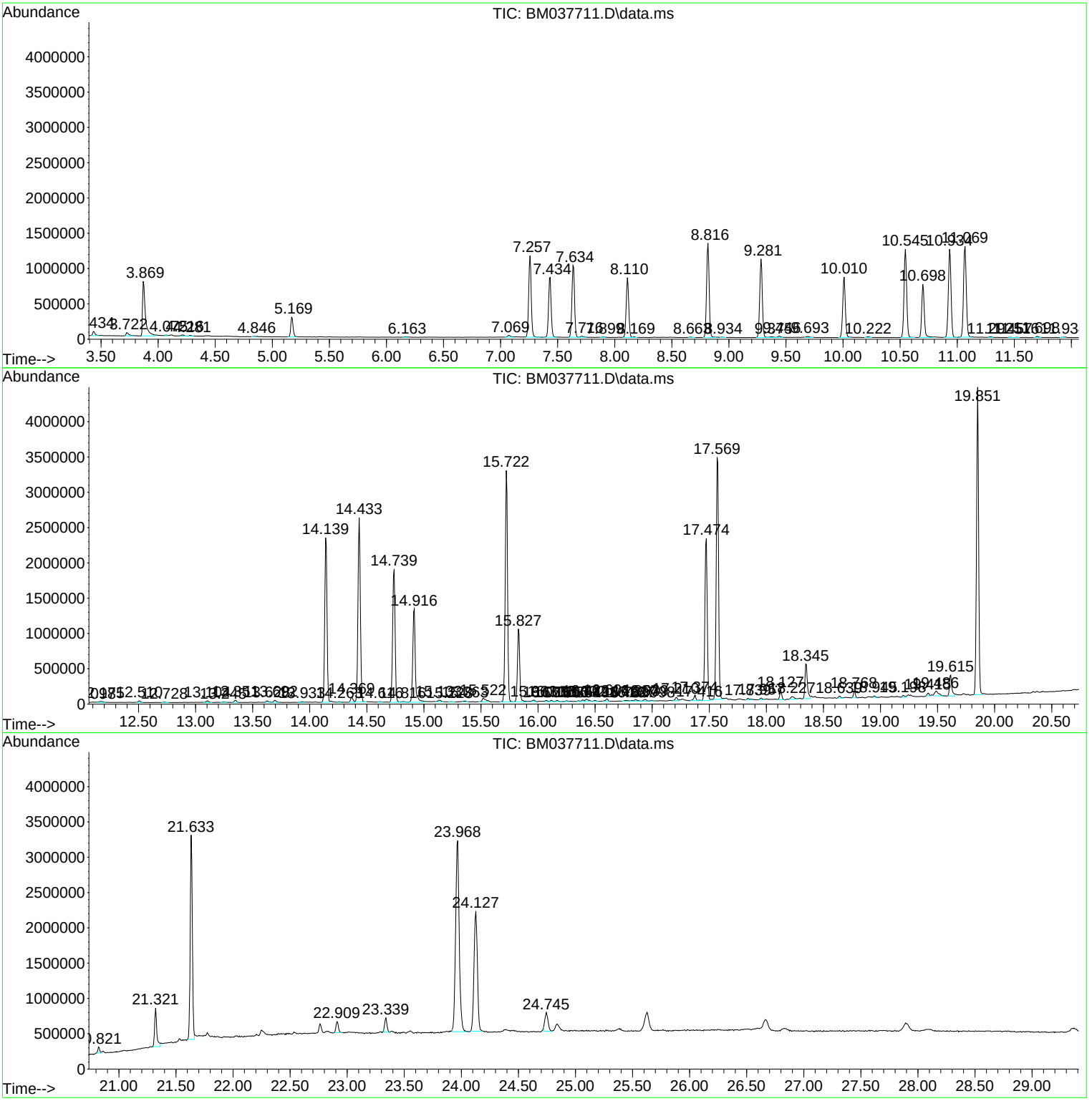
ClientSampleId :
C9830

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037711.D
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Instrument :
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ClientSampleId :
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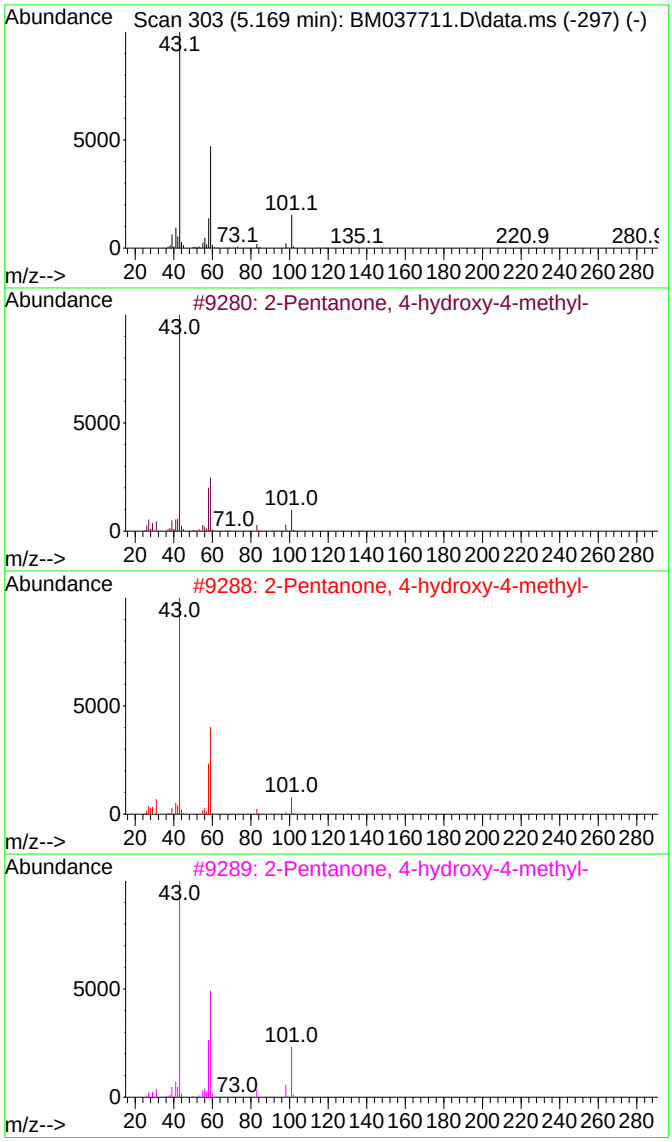
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

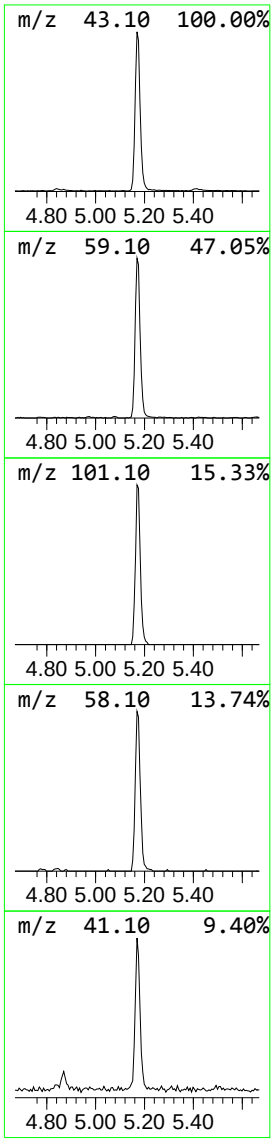
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.169	5.97 ng/ul	394810	1,4-Dichlorobenzene-d4	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
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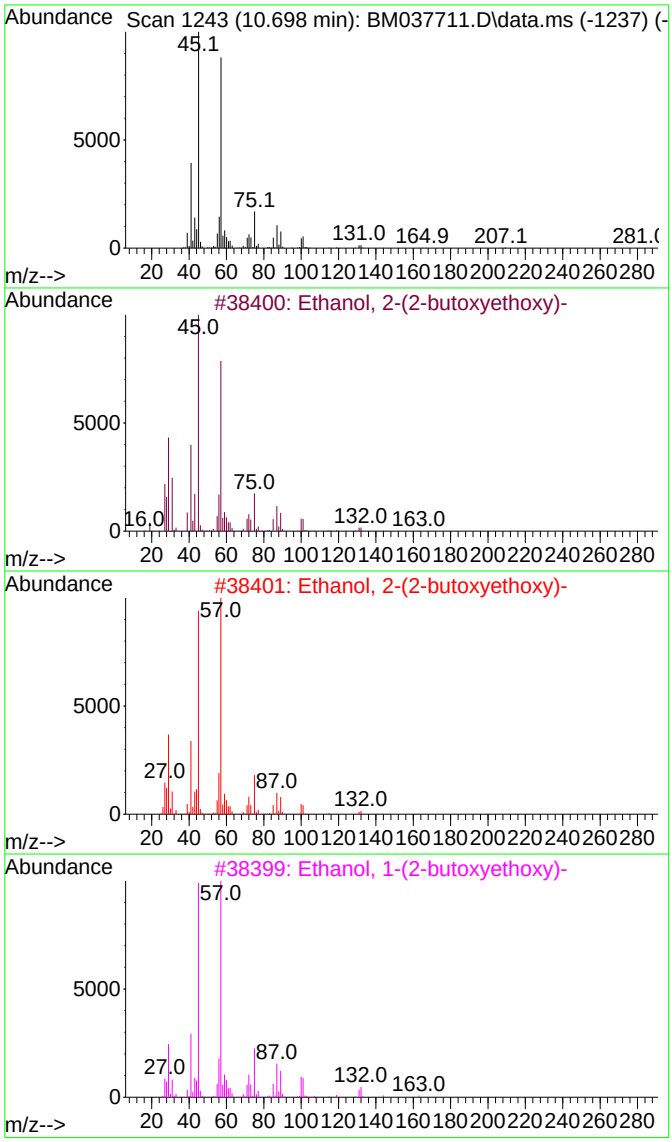
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

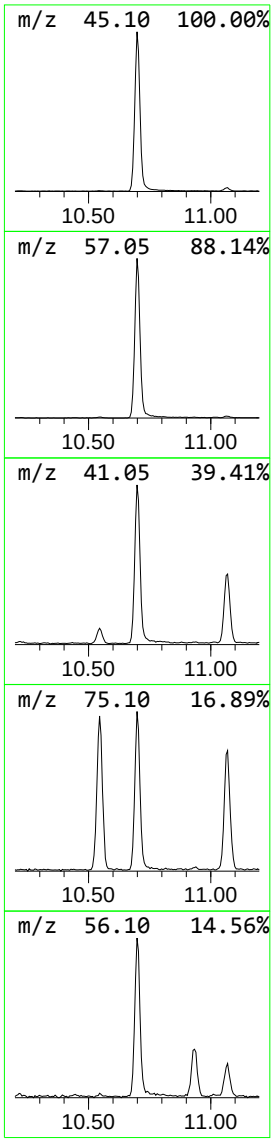
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	11.32 ng/ul	1165130	Naphthalene-d8	10.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

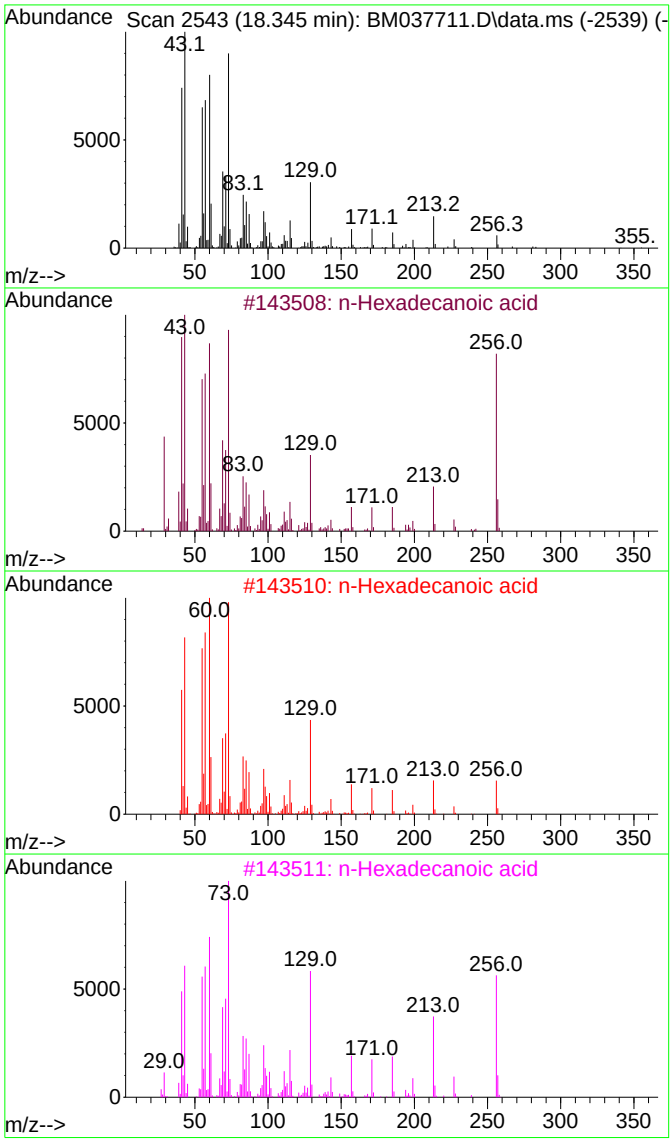
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

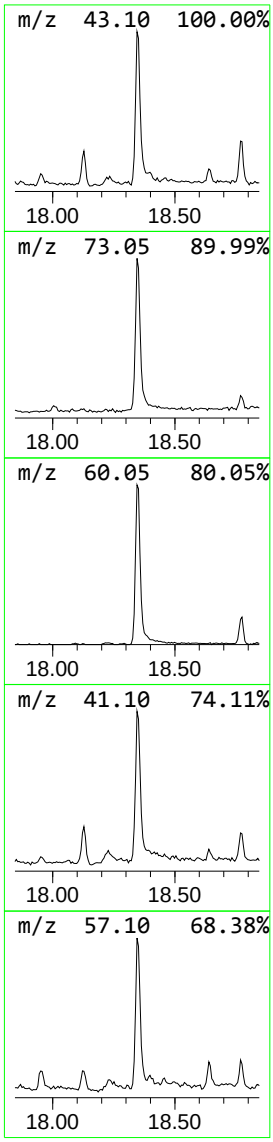
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	4.37 ng/ul	719066	Phenanthrene-d10	17.474

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

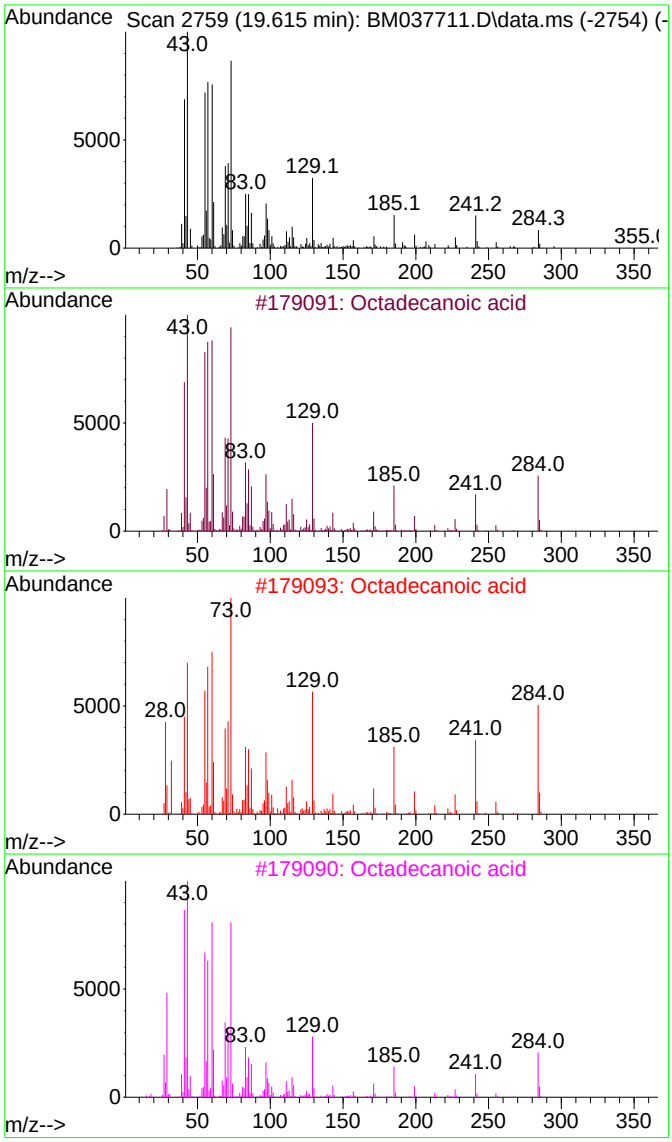
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

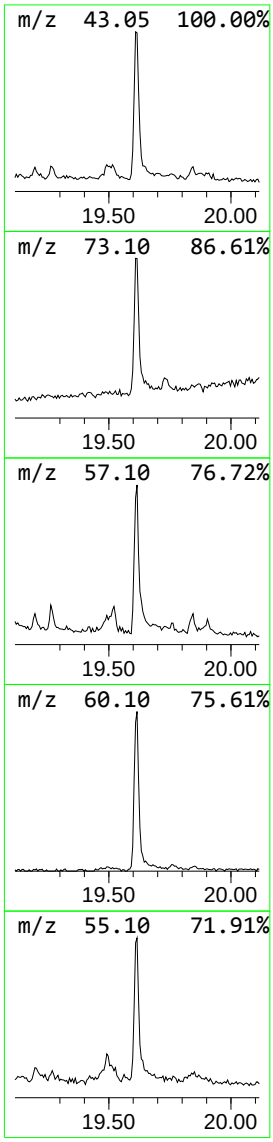
****

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.616	2.33 ng/ul	433102	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Operator : CG/JU
Sample : N5591-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9830

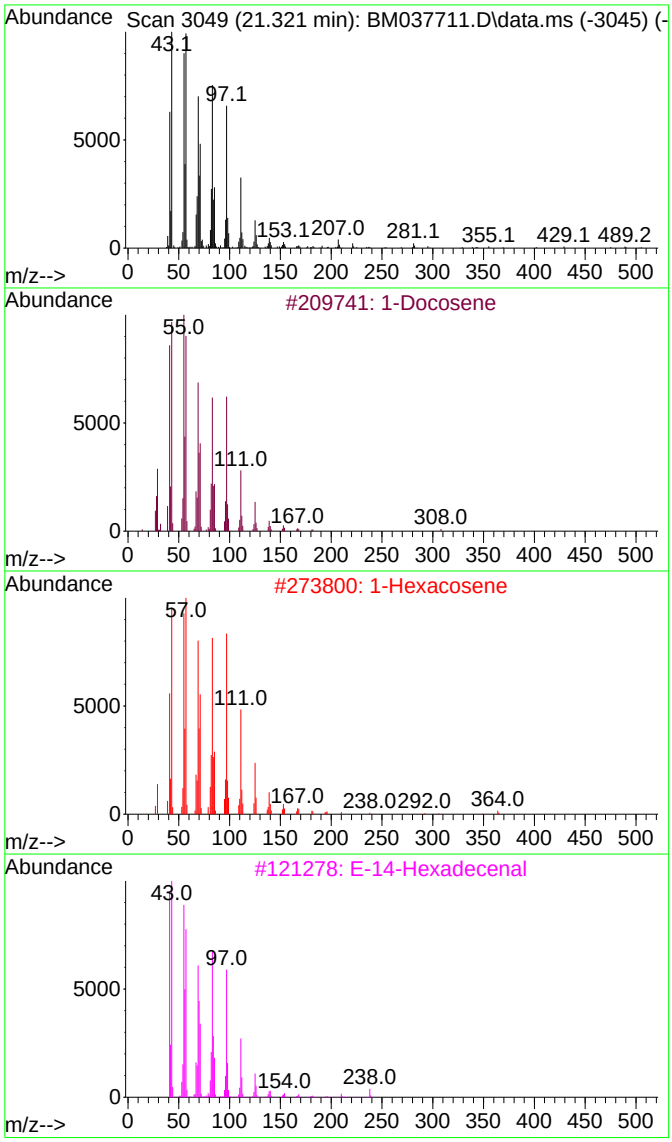
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

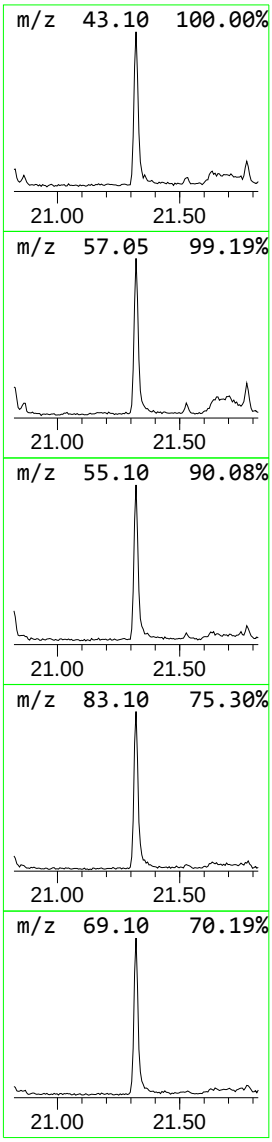
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	3.93 ng/ul	730169	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
4	Pentacos-1-ene	350	C25H50	016980-85-1	91
5	Cyclooctacosane	392	C28H56	000297-24-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037711.D
Acq On : 26 Nov 2022 00:46
Operator : CG/JU
Sample : N5591-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9830

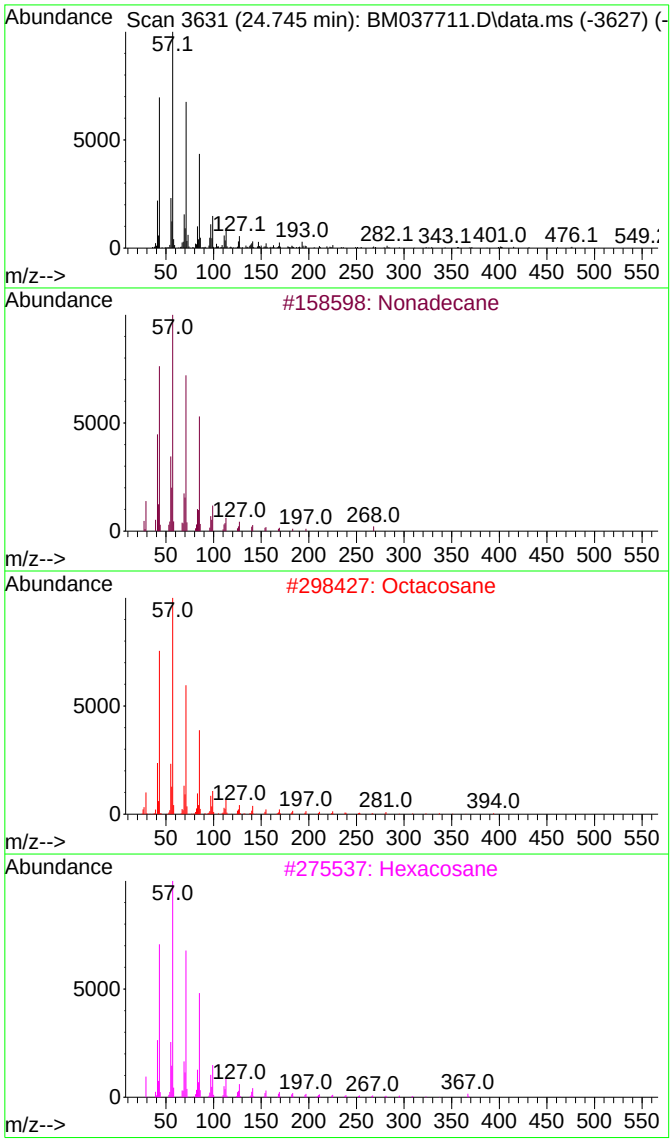
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

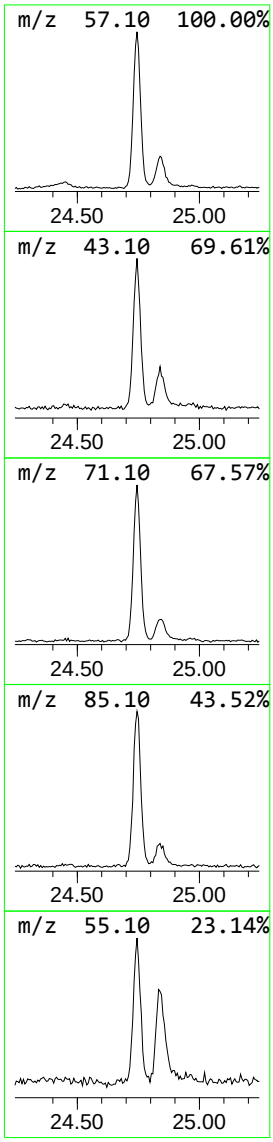
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.744	2.93 ng/ul	506934	Perylene-d12	24.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037711.D
Acq On : 26 Nov 2022 00:46
Operator : CG/JU
Sample : N5591-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9830

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.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
2-Pentanone, 4-...	5.169	6.0	ng/ul	394810	1	8.110	1322080	20.0
Ethanol, 2-(2-b...	10.698	11.3	ng/ul	1165130	2	10.934	2059000	20.0
n-Hexadecanoic ...	18.345	4.4	ng/ul	719066	4	17.474	3293660	20.0
Octadecanoic acid	19.616	2.3	ng/ul	433102	5	21.633	3717730	20.0
(DEL) Alkane: S...	21.321	3.9	ng/ul	730169	5	21.633	3717730	20.0
(DEL) Alkane: S...	24.744	2.9	ng/ul	506934	6	24.127	3462960	20.0