LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

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-BM022823.M
Title : SVOA CALIBRATION

Signal : TIC: BM038842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	22	rVB	5669189	6949220	100.00%	11.735%
2	3.381	46	50	61	rVB	32937	48347	0.70%	0.082%
3	3.922	135	142	147	rBV	30179	50642	0.73%	0.086%
4	4.052	159	164	170	rBV	41063	64428	0.93%	0.109%
5	4.152	176	181	190	rVB	18382	29707	0.43%	0.050%
6	4.252	194	198	204	rVB2	27230	37744	0.54%	0.064%
7	4.369	214	218	226	rVB	38975	60063	0.86%	0.101%
8	4.793	286	290	294	rVB	27886	35756	0.51%	0.060%
9	5.081	332	339	348	rBV	81795	130508	1.88%	0.220%
10	6.387	556	561	566	rBV	26871	40441	0.58%	0.068%
11	6.687	607	612	619	rVB	73608	114385	1.65%	0.193%
12	6.998	659	665	677	rVB2	42049	73074	1.05%	0.123%
13	7.157	684	692	703	rBV	514863	855682	12.31%	1.445%
14	7.334	714	722	733	rVB	442224	687512	9.89%	1.161%
15	7.534	747	756	765	rVV	519135	798845	11.50%	1.349%
16	8.010	830	837	845	rBV	1020635	1556386	22.40%	2.628%
17	8.234	869	875	880	rBV4	12774	23102	0.33%	0.039%
18	8.322	883	890	896	rVB	158599	250471	3.60%	0.423%
19	8.710	950	956	966	rBV	616007	970134	13.96%	1.638%
20	8.834	970	977	982	rVV	73020	120628	1.74%	0.204%
21	8.887	982	986	994	rVB6	11828	21375	0.31%	0.036%
22	9.175	1023	1035	1046	rBV	442080	745329	10.73%	1.259%
23	9.898	1148	1158	1165	rBV	302754	500880	7.21%	0.846%
24	10.022	1176	1179	1187	rBV3	18376	38726	0.56%	0.065%
25	10.128	1192	1197	1204	rVB7	13282	27395	0.39%	0.046%
26	10.239	1212	1216	1225	rBV9	13175	33414	0.48%	0.056%
27	10.439	1242	1250	1257	rBV	591165	995355	14.32%	1.681%
28	10.598	1271	1277	1283	rBV2	25525	43515	0.63%	0.073%
29	10.681	1285	1291	1294	rBV2	15151	22129	0.32%	0.037%
30	10.722	1294	1298	1305	rVB5	14189	25113	0.36%	0.042%
31	10.828	1307	1316	1323	rBV	1383691	2321880	33.41%	3.921%
32	10.957	1328	1338	1346	rBV	333471	574739	8.27%	0.971%
33	11.133	1362	1368	1373	rBV5	14001	25185	0.36%	0.043%
34	11.357	1401	1406	1413	rVB7	13943	29223	0.42%	0.049%
35	11.575	1438	1443	1447	rBV2	31204	53016	0.76%	0.090%
36	12.192	1543	1548	1552	rVB3	16848	29418	0.42%	0.050%

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Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

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-BM022823.M
Title : SVOA CALIBRATION

37	13.027	1683	1690	1693	rBV2	28879	42018	0.60%	0.071%
38	13.398	1748	1753	1756	rBV4	33311	52337	0.75%	0.088%
39	13.480	1762	1767	1771	rBV2	17889	23418	0.34%	0.040%
40	13.539	1771	1777	1786	rVV4	43867	86354	1.24%	0.146%
41	13.816	1817	1824	1829	rVB7	11599	21352	0.31%	0.036%
42	13.980	1846	1852	1859	rVV	266746	372609	5.36%	0.629%
43	14.057	1859	1865	1875	rVV	1071782	1486479	21.39%	2.510%
44	14.339	1907	1913	1922	rVV	1247170	1773281	25.52%	2.994%
45	14.492	1932	1939	1945	rBV3	45984	69978	1.01%	0.118%
46	14.645	1953	1965	1972	rBV	2224834	3275379	47.13%	5.531%
47	14.716	1972	1977	1983	rBV2	90819	130496	1.88%	0.220%
48	14.769	1983	1986	1989	rVB4	17159	21039	0.30%	0.036%
49	14.821	1989	1995	2003	rBV	367398	551162	7.93%	0.931%
50	14.898	2003	2008	2015	rVB2	79629	116565	1.68%	0.197%
51	14.969	2016	2020	2031	rVB	43374	81790	1.18%	0.138%
52	15.433	2094	2099	2107	rVB9	16269	29365	0.42%	0.050%
53	15.633	2127	2133	2140	rBV	1666708	2289634	32.95%	3.866%
54	15.739	2145	2151	2164	rBV	303333	450731	6.49%	0.761%
55	15.874	2171	2174	2181	rVB8	14161	23921	0.34%	0.040%
56	15.998	2187	2195	2204	rBV	564399	824248	11.86%	1.392%
57	16.086	2204	2210	2213	rVV2	52002	99231	1.43%	0.168%
58	16.116	2213	2215	2221	rVB	56135	78960	1.14%	0.133%
59	16.210	2226	2231	2236	rBV6	42131	66028	0.95%	0.111%
60	16.268	2236	2241	2248	rVV	178582	258793	3.72%	0.437%
61	16.363	2251	2257	2262	rVB	48560	73863	1.06%	0.125%
62	17.021	2365	2369	2376	rVV3	18038	30942	0.45%	0.052%
63	17.098	2377	2382	2387	rVB5	28080	45684	0.66%	0.077%
64	17.280	2409	2413	2417	rBV5	23502	31430	0.45%	0.053%
65	17.386	2418	2431	2438	rVV	2792364	3917701	56.38%	6.616%
66	17.486	2442	2448	2457	rVB	1659444	2324349	33.45%	3.925%
67	17.586	2460	2465	2472	rVB4	138076	214905	3.09%	0.363%
68	17.645	2472	2475	2478	rBV4	15600	23898	0.34%	0.040%
69	17.715	2483	2487	2495	rVB9	26966	49596	0.71%	0.084%
70	18.109	2550	2554	2556	rBV4	15556	22428	0.32%	0.038%
71	18.145	2556	2560	2567	rVB4	76307	118693	1.71%	0.200%
72	18.280	2578	2583	2592	rBV2	245102	419940	6.04%	0.709%
73	18.357	2593	2596	2602	rVV2	50386	83336	1.20%	0.141%
74	18.415	2603	2606	2610	rVB5	37022	47693	0.69%	0.081%
75	18.509	2619	2622	2628	rVB6	36826	51093	0.74%	0.086%
76	18.721	2655	2658	2663	rBV6	21367	32102	0.46%	0.054%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

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	18.862	2679	2682	2690	rVB6	31377	47552	0.68%	0.080%
78	19.080	2715	2719	2725	rVB6	44692	71669	1.03%	0.121%
79	19.339	2760	2763	2767	rVB4	29277	38640	0.56%	0.065%
80	19.409	2771	2775	2778	rBV	32431	43768	0.63%	0.074%
81	19.533	2793	2796	2797	rBV2	25117	26135	0.38%	0.044%
82	19.556	2797	2800	2809	rVB3	71982	100716	1.45%	0.170%
83	19.774	2831	2837	2845	rBV	2184577	2965118	42.67%	5.007%
84	19.868	2850	2853	2857	rBV3	20433	27235	0.39%	0.046%
85	19.915	2857	2861	2865	rBV2	148771	175779	2.53%	0.297%
86	20.156	2898	2902	2909	rBV7	29150	59065	0.85%	0.100%
87	20.221	2909	2913	2919	rBV2	73838	105189	1.51%	0.178%
88	20.321	2926	2930	2935	rBV3	105191	130241	1.87%	0.220%
89	20.645	2981	2985	2991	rVB2	122658	155612	2.24%	0.263%
90	20.756	3000	3004	3010	rBV	105451	133515	1.92%	0.225%
91	21.115	3060	3065	3070	rBV	1757386	1926824	27.73%	3.254%
92	21.245	3085	3087	3089	rBV2	51130	55990	0.81%	0.095%
93	21.280	3089	3093	3102	rVB3	283171	442703	6.37%	0.748%
94	21.480	3123	3127	3132	rBV2	126365	154326	2.22%	0.261%
95	21.562	3135	3141	3153	rVV	3356205	4432808	63.79%	7.486%
96	22.215	3248	3252	3263	rVB3	168764	304607	4.38%	0.514%
97	23.297	3431	3436	3441	rBV	432590	728024	10.48%	1.229%
98	23.856	3524	3531	3541	rBV2	1568099	3166345	45.56%	5.347%
99	24.015	3551	3558	3575	rVB2	2400416	5089813	73.24%	8.595%
100	24.703	3670	3675	3683	rVB	362591	740216	10.65%	1.250%

Sum of corrected areas: 59218478

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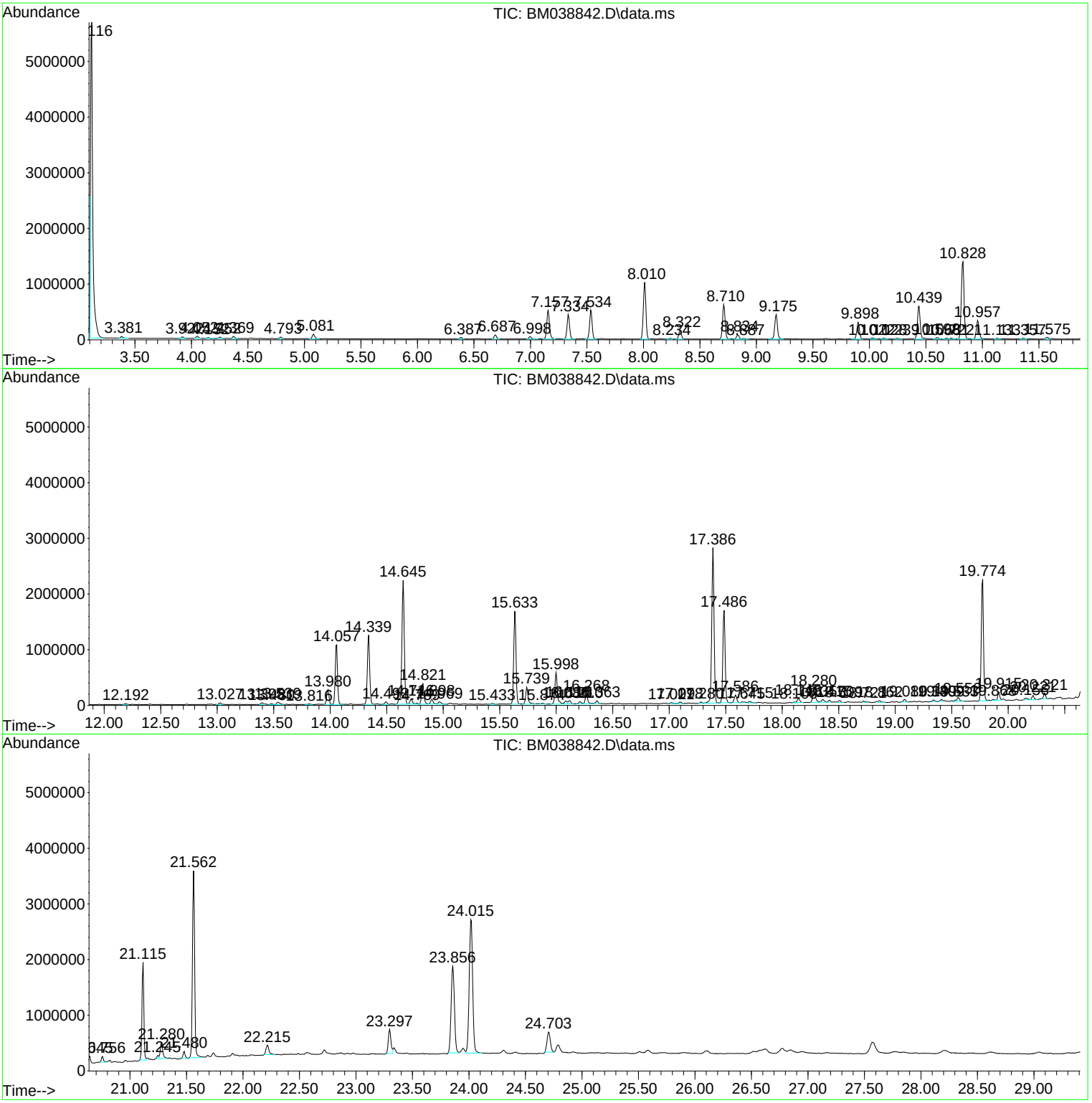
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
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Instrument :
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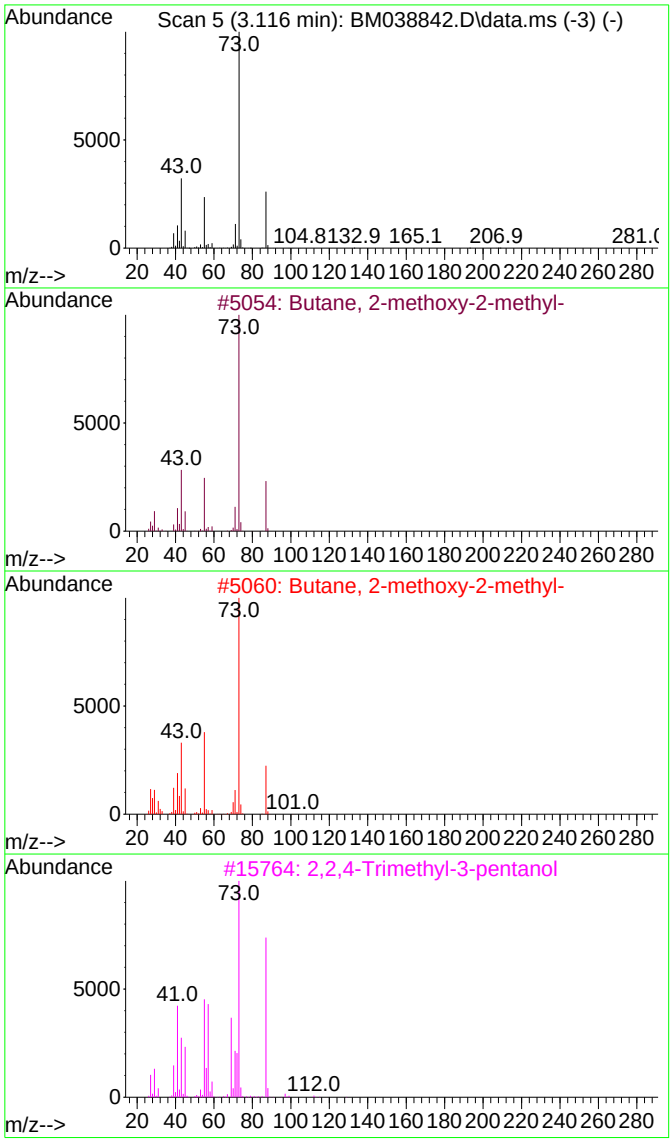
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

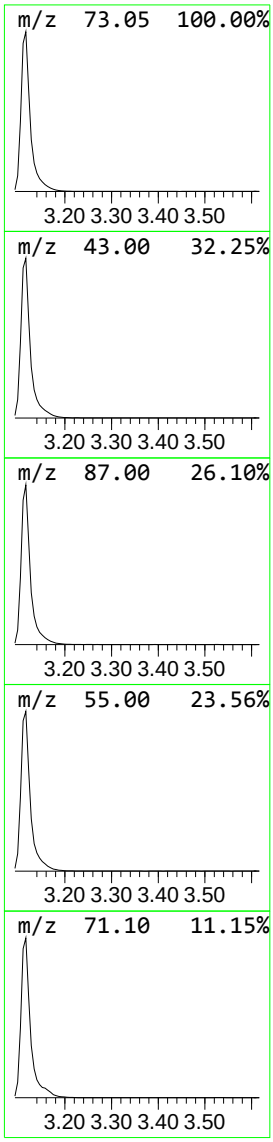
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	89.30 ng/ul	6949220	1,4-Dichlorobenzene-d4	8.010

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

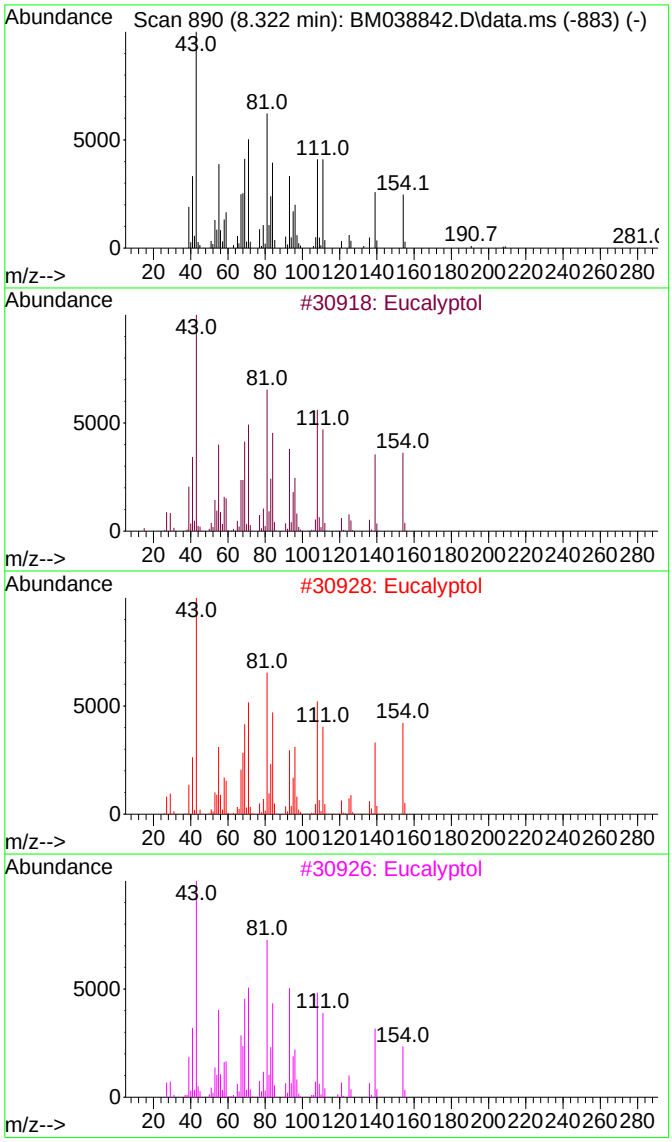
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

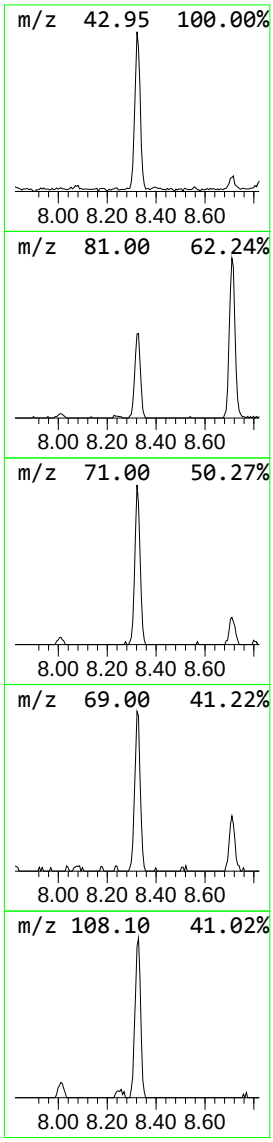
****

Peak Number 2 Eucalyptol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	3.22 ng/ul	250471	1,4-Dichlorobenzene-d4	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	98
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	87
5	Eucalyptol	154	C10H18O	000470-82-6	76





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ALS Vial : 14 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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

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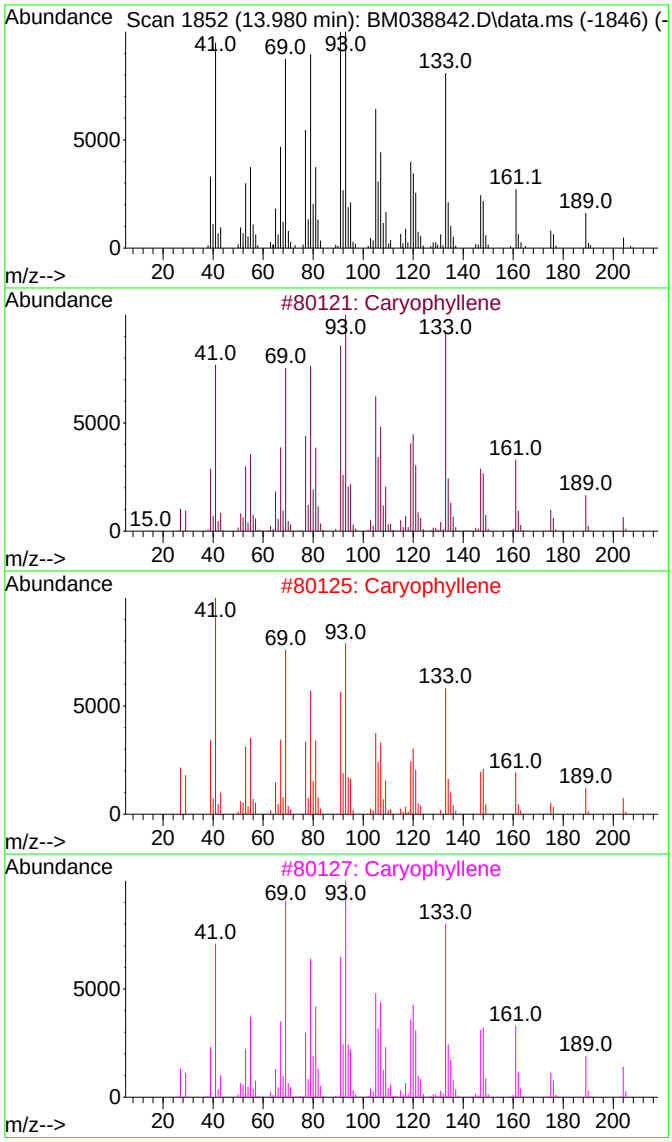
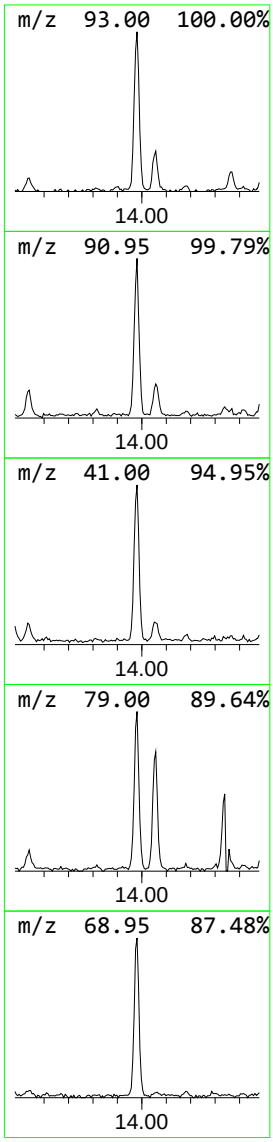
Peak Number 3 Caryophyllene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	2.28 ng/ul	372609	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Caryophyllene	204	C15H24	000087-44-5	97
3	Caryophyllene	204	C15H24	000087-44-5	96
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	96
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

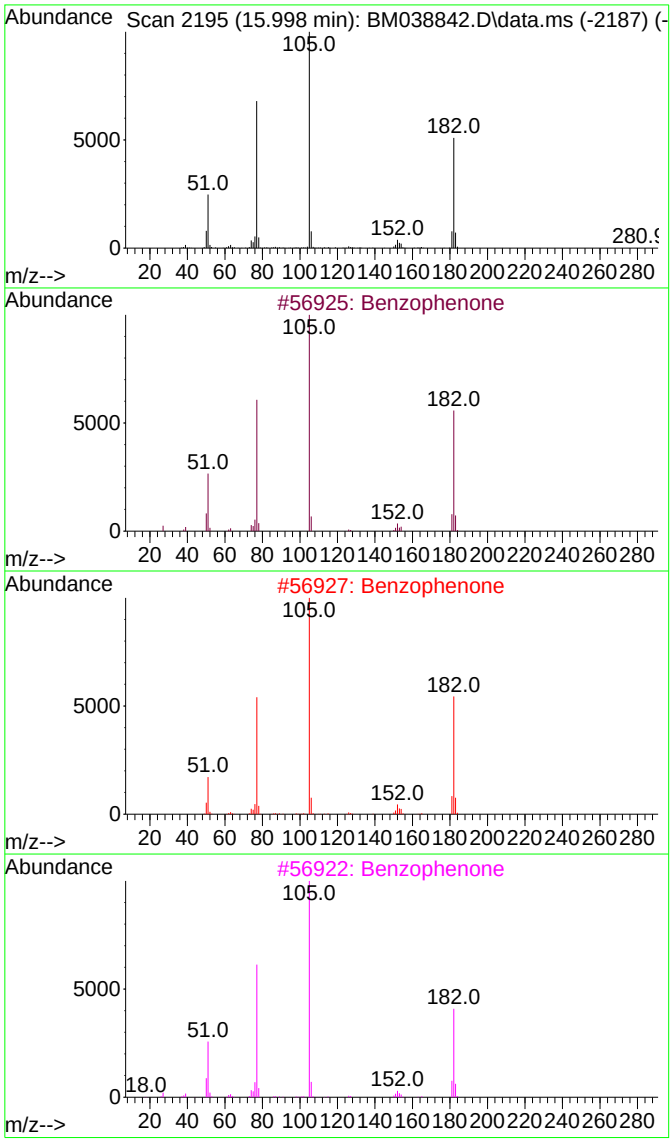
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

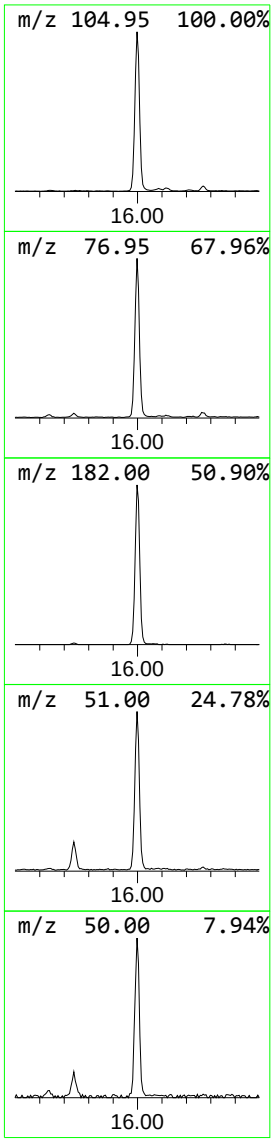
****

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	5.03 ng/ul	824248	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	90





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Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

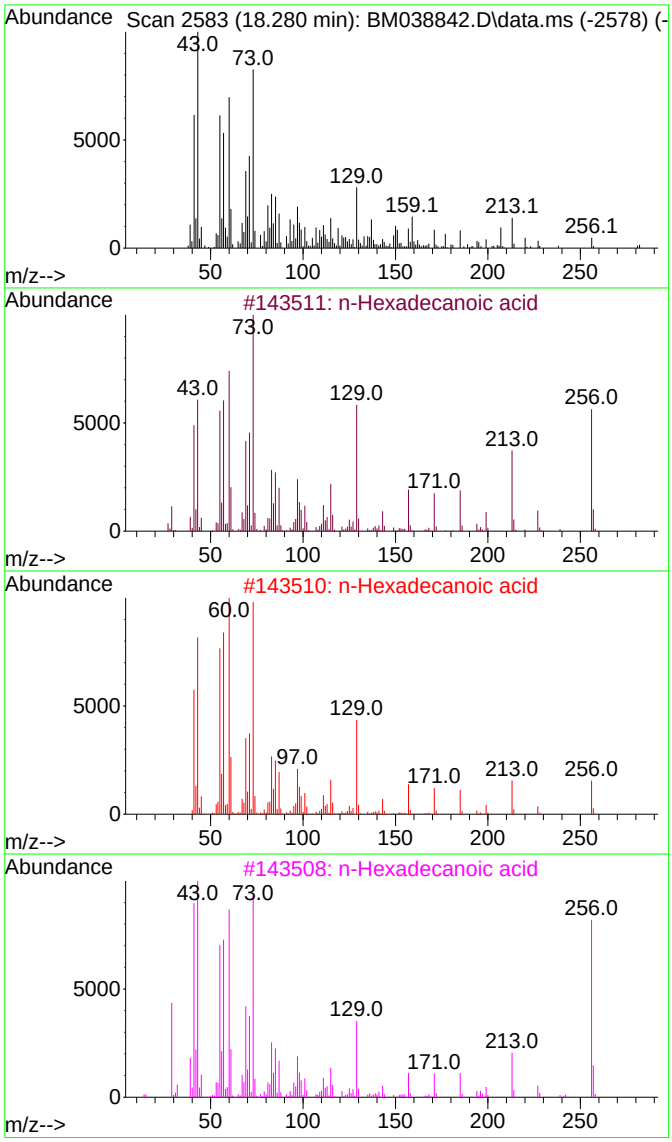
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

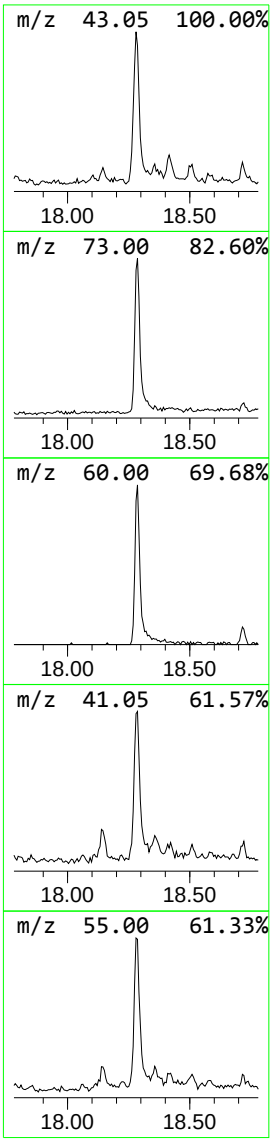
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	2.14 ng/ul	419940	Phenanthrene-d10	17.386

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	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

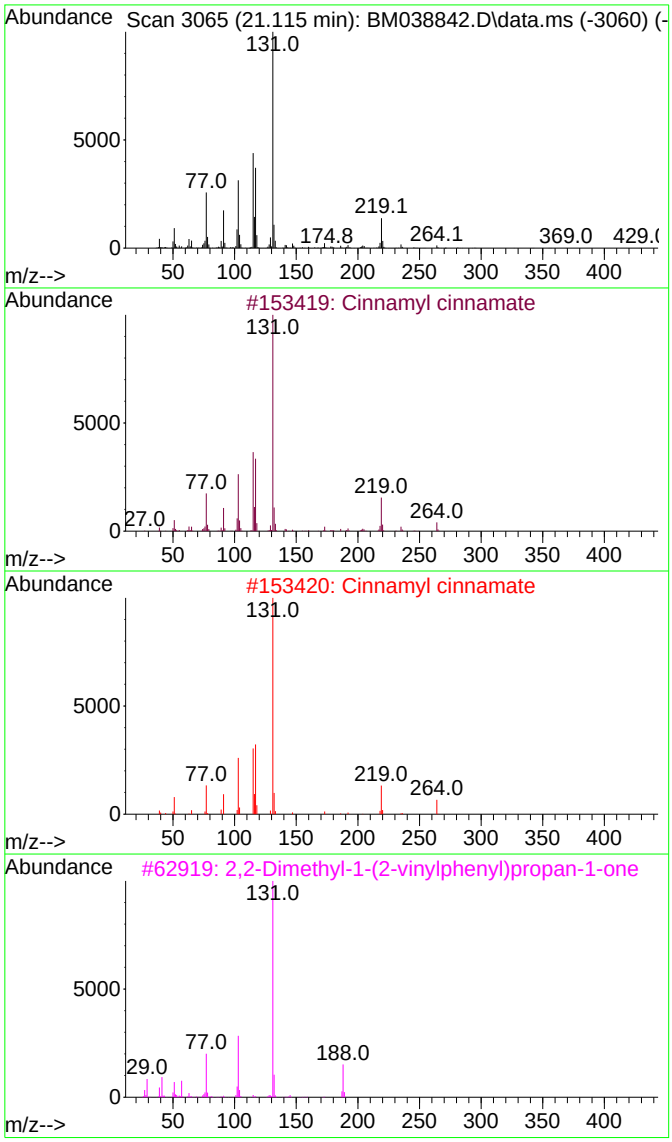
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

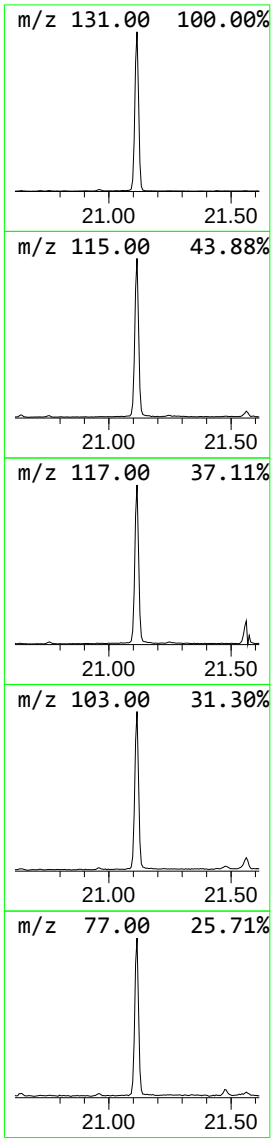
****

Peak Number 6 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.115	8.69 ng/ul	1926820	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	53
4	N-(3-Chlorophenyl)-3-phenyl-2-pr...	353	C17H11ClF3NO2	1000492-37-1	47
5	1-(4-Ethynylphenyl)-2-methylprop...	174	C12H14O	1000466-39-4	47





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Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

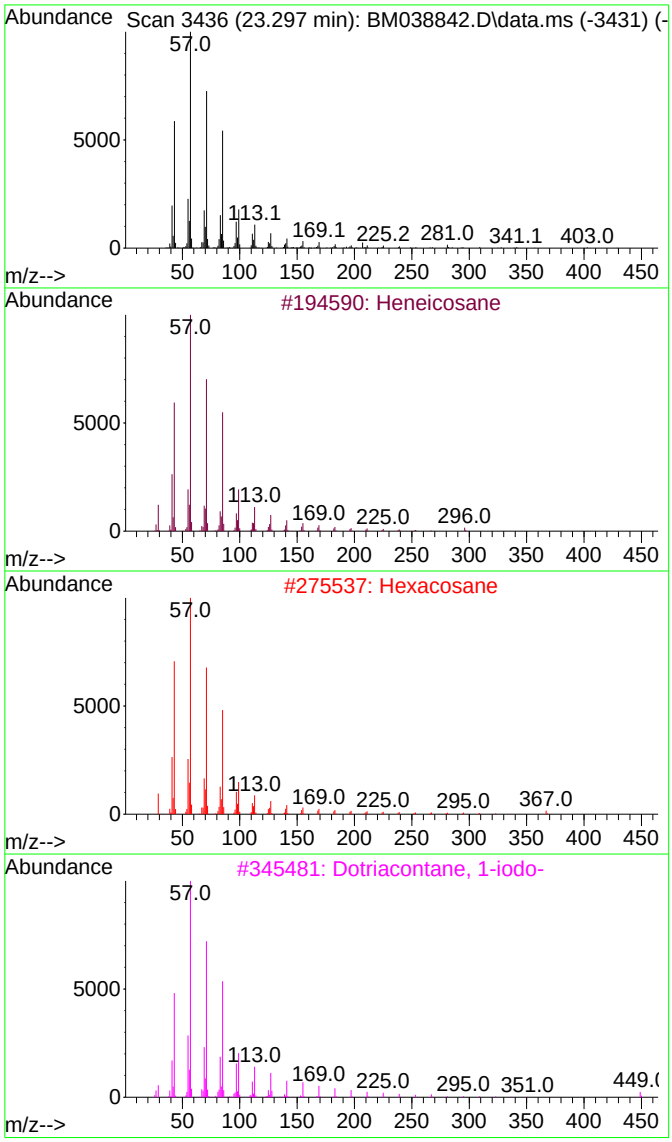
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

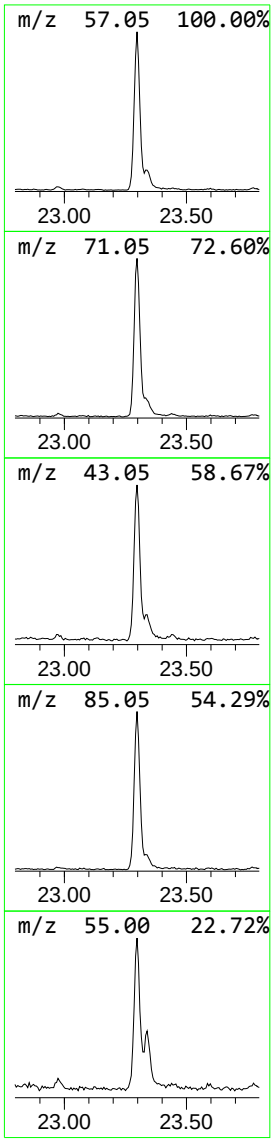
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.297	2.86 ng/ul	728024	Perylene-d12	24.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

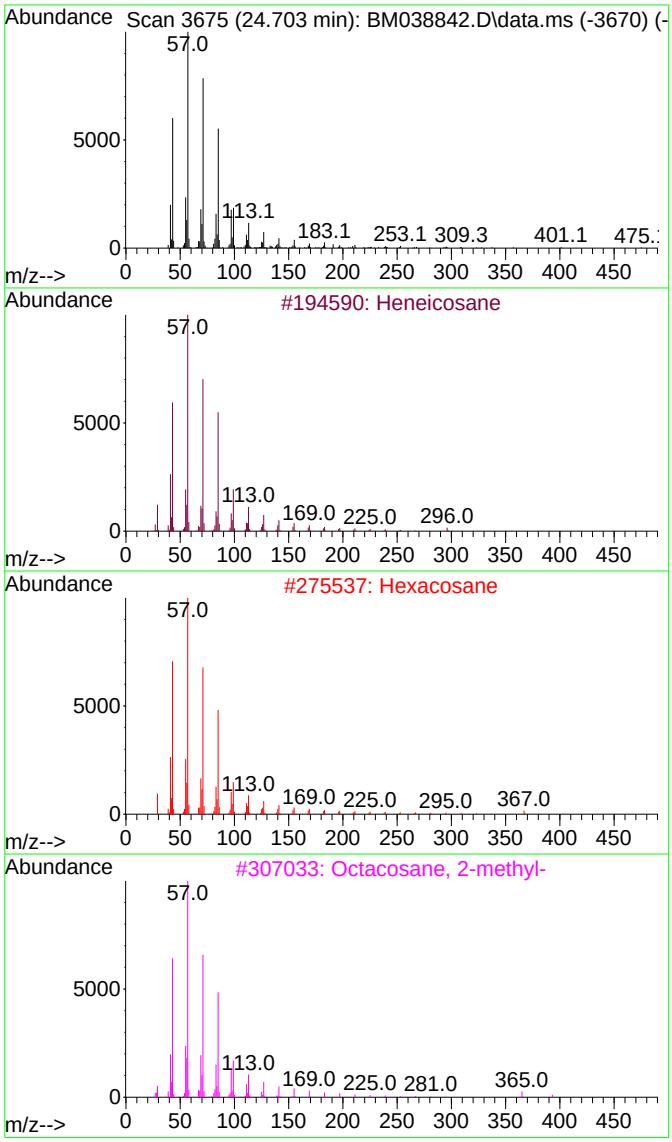
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

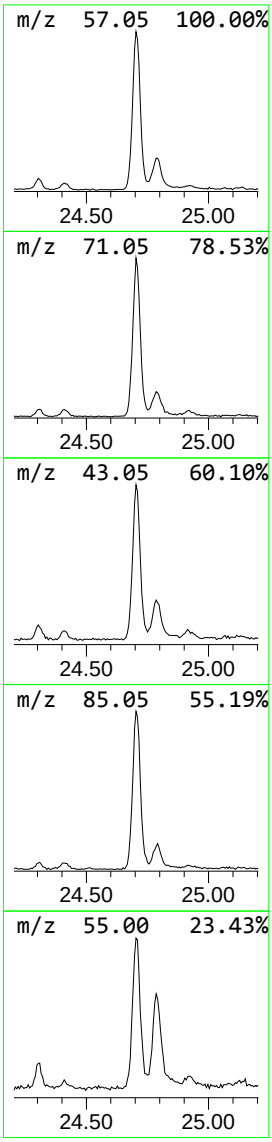
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.703	2.91 ng/ul	740216	Perylene-d12	24.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptadecane	240	C17H36	000629-78-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038842.D
Acq On : 02 Mar 2023 18:44
Operator : CG/JU
Sample : 01710-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.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
Butane, 2-metho...	3.116	89.3	ng/ul	6949220	1	8.010	1556390	20.0
Eucalyptol	8.322	3.2	ng/ul	250471	1	8.010	1556390	20.0
Caryophyllene	13.980	2.3	ng/ul	372609	3	14.645	3275380	20.0
Benzophenone	15.998	5.0	ng/ul	824248	3	14.645	3275380	20.0
n-Hexadecanoic ...	18.280	2.1	ng/ul	419940	4	17.386	3917700	20.0
Cinnamyl cinnamate	21.115	8.7	ng/ul	1926820	5	21.562	4432810	20.0
(DEL) Alkane: S...	23.297	2.9	ng/ul	728024	6	24.015	5089810	20.0
(DEL) Alkane: S...	24.703	2.9	ng/ul	740216	6	24.015	5089810	20.0