LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

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-BM051022.M
Title : SVOA CALIBRATION

Signal : TIC: BM034983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	55	rVB	57161	72662	1.61%	0.137%
2	3.634	90	93	103	rBV	48449	74816	1.66%	0.141%
3	3.775	113	117	132	rBV	528487	800081	17.78%	1.513%
4	4.110	170	174	178	rVB	16374	21794	0.48%	0.041%
5	5.028	326	330	337	rVB	12622	19135	0.43%	0.036%
6	6.616	595	600	605	rVB7	6282	10449	0.23%	0.020%
7	6.904	645	649	654	rBV6	4714	9300	0.21%	0.018%
8	7.081	672	679	692	rVB	878970	1364275	30.31%	2.580%
9	7.246	701	707	718	rBV	697357	1108222	24.63%	2.095%
10	7.369	724	728	733	rVB5	6764	10849	0.24%	0.021%
11	7.451	735	742	751	rVV	947787	1464745	32.55%	2.770%
12	7.557	758	760	765	rVB5	3823	5675	0.13%	0.011%
13	7.922	815	822	831	rVV	616724	969359	21.54%	1.833%
14	8.151	857	861	867	rBV4	13217	19746	0.44%	0.037%
15	8.622	934	941	957	rBV	1033451	1658757	36.86%	3.136%
16	9.075	1011	1018	1031	rBV	915543	1481817	32.93%	2.802%
17	9.198	1034	1039	1044	rVV4	9885	17740	0.39%	0.034%
18	9.245	1044	1047	1058	rVB7	9417	18770	0.42%	0.035%
19	9.534	1092	1096	1102	rVB4	6147	10811	0.24%	0.020%
20	9.798	1134	1141	1151	rBV	765503	1243812	27.64%	2.352%
21	10.339	1225	1233	1246	rBV	1123627	1848432	41.07%	3.495%
22	10.504	1256	1261	1270	rBV	61509	105274	2.34%	0.199%
23	10.722	1291	1298	1310	rVB	889841	1482214	32.94%	2.803%
24	10.851	1310	1320	1332	rBV	613055	1079677	23.99%	2.041%
25	11.339	1397	1403	1404	rBV4	3748	5173	0.11%	0.010%
26	11.363	1404	1407	1411	rVB6	5544	9116	0.20%	0.017%
27	11.516	1427	1433	1438	rBV6	6400	10154	0.23%	0.019%
28	12.092	1527	1531	1534	rBV4	4082	6059	0.13%	0.011%
29	12.310	1560	1568	1572	rBV2	20710	35116	0.78%	0.066%
30	12.386	1577	1581	1587	rVB6	3604	7078	0.16%	0.013%
31	12.539	1601	1607	1612	rVB7	6333	10590	0.24%	0.020%
32	12.922	1668	1672	1678	rVB7	6367	11242	0.25%	0.021%
33	13.175	1710	1715	1719	rBV5	7483	10990	0.24%	0.021%
34	13.451	1757	1762	1769	rVB5	28364	51379	1.14%	0.097%
35	13.522	1772	1774	1779	rVB5	4504	4561	0.10%	0.009%
36	13.757	1809	1814	1823	rVB	83436	117203	2.60%	0.222%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

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-BM051022.M
Title : SVOA CALIBRATION

37	13.963	1841	1849	1854	rBV	2144999	2963289	65.85%	5.603%
38	14.004	1854	1856	1867	rVB	21528	33135	0.74%	0.063%
39	14.245	1884	1897	1908	rBV	2472273	3458125	76.84%	6.539%
40	14.410	1920	1925	1926	rBV4	4067	5476	0.12%	0.010%
41	14.422	1926	1927	1931	rVB4	6351	6175	0.14%	0.012%
42	14.463	1931	1934	1938	rVB5	7068	9797	0.22%	0.019%
43	14.551	1938	1949	1958	rBV	1427428	2085833	46.35%	3.944%
44	14.733	1972	1980	1992	rBV	684390	1060339	23.56%	2.005%
45	14.969	2015	2020	2023	rVB6	9887	15236	0.34%	0.029%
46	15.363	2082	2087	2091	rBV2	17944	27361	0.61%	0.052%
47	15.416	2091	2096	2100	rVB6	7545	9372	0.21%	0.018%
48	15.539	2111	2117	2130	rBV	2985349	4343552	96.52%	8.213%
49	15.651	2130	2136	2144	rBV	823719	1124487	24.99%	2.126%
50	15.780	2153	2158	2163	rVV	38889	56134	1.25%	0.106%
51	15.821	2163	2165	2170	rVB4	5070	5618	0.12%	0.011%
52	15.916	2176	2181	2187	rBV	175824	242878	5.40%	0.459%
53	15.986	2187	2193	2198	rVV7	6454	14191	0.32%	0.027%
54	16.110	2209	2214	2219	rVB6	6359	12230	0.27%	0.023%
55	16.233	2230	2235	2239	rBV2	16768	28051	0.62%	0.053%
56	16.274	2239	2242	2243	rVV2	10264	10517	0.23%	0.020%
57	16.292	2243	2245	2248	rVV3	9031	13237	0.29%	0.025%
58	16.327	2248	2251	2255	rVB3	14061	18361	0.41%	0.035%
59	16.404	2261	2264	2267	rBV4	9064	13803	0.31%	0.026%
60	16.445	2267	2271	2278	rVV9	13288	28250	0.63%	0.053%
61	16.621	2296	2301	2304	rBV7	4476	7464	0.17%	0.014%
62	16.692	2310	2313	2319	rBV7	11364	12955	0.29%	0.024%
63	16.974	2357	2361	2366	rVB7	6772	9801	0.22%	0.019%
64	17.063	2371	2376	2383	rVV7	9106	19392	0.43%	0.037%
65	17.192	2393	2398	2401	rBV2	38566	50979	1.13%	0.096%
66	17.221	2401	2403	2406	rVV3	14190	16680	0.37%	0.032%
67	17.292	2406	2415	2421	rVV	1580274	2362681	52.50%	4.467%
68	17.392	2425	2432	2442	rVV	3006861	4331092	96.24%	8.189%
69	17.474	2442	2446	2452	rVB5	20606	36163	0.80%	0.068%
70	17.580	2461	2464	2470	rVB2	7852	12864	0.29%	0.024%
71	17.686	2474	2482	2494	rVB4	42474	86863	1.93%	0.164%
72	17.804	2499	2502	2504	rBV4	6994	8469	0.19%	0.016%
73	17.927	2520	2523	2526	rBV4	6072	7220	0.16%	0.014%
74	17.974	2526	2531	2536	rVB	298583	341289	7.58%	0.645%
75	18.074	2541	2548	2553	rBV4	35510	67839	1.51%	0.128%
76	18.133	2553	2558	2563	rBV	310615	414687	9.21%	0.784%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

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-BM051022.M
Title : SVOA CALIBRATION

77	18.198	2564	2569	2578	rBV	630466	872290	19.38%	1.649%
78	18.492	2615	2619	2630	rBV4	52672	95463	2.12%	0.181%
79	18.627	2638	2642	2645	rVB5	12956	17070	0.38%	0.032%
80	18.668	2645	2649	2654	rBV8	9784	19467	0.43%	0.037%
81	18.857	2678	2681	2685	rBV5	12452	17387	0.39%	0.033%
82	19.127	2724	2727	2728	rBV3	16115	16239	0.36%	0.031%
83	19.192	2733	2738	2743	rBV	195952	244771	5.44%	0.463%
84	19.245	2743	2747	2750	rBV2	41603	62964	1.40%	0.119%
85	19.280	2750	2753	2756	rVV	113863	124500	2.77%	0.235%
86	19.315	2756	2759	2762	rVV2	52451	71125	1.58%	0.134%
87	19.351	2762	2765	2767	rVV2	75832	100658	2.24%	0.190%
88	19.374	2767	2769	2779	rVB6	57168	70777	1.57%	0.134%
89	19.468	2781	2785	2792	rBV	123928	159768	3.55%	0.302%
90	19.533	2793	2796	2799	rBV2	17472	22278	0.50%	0.042%
91	19.680	2815	2821	2828	rBV	3388492	4500358	100.00%	8.509%
92	20.204	2906	2910	2912	rBV4	25237	34804	0.77%	0.066%
93	20.239	2913	2916	2919	rVB2	28764	31496	0.70%	0.060%
94	20.862	3020	3022	3026	rBV4	41542	46611	1.04%	0.088%
95	21.186	3073	3077	3088	rBV	744963	1025275	22.78%	1.939%
96	21.468	3120	3125	3137	rBV	1482425	1912461	42.50%	3.616%
97	23.697	3497	3504	3512	rBV2	1688318	3254760	72.32%	6.154%
98	23.850	3524	3530	3542	rVB2	831000	1638347	36.40%	3.098%

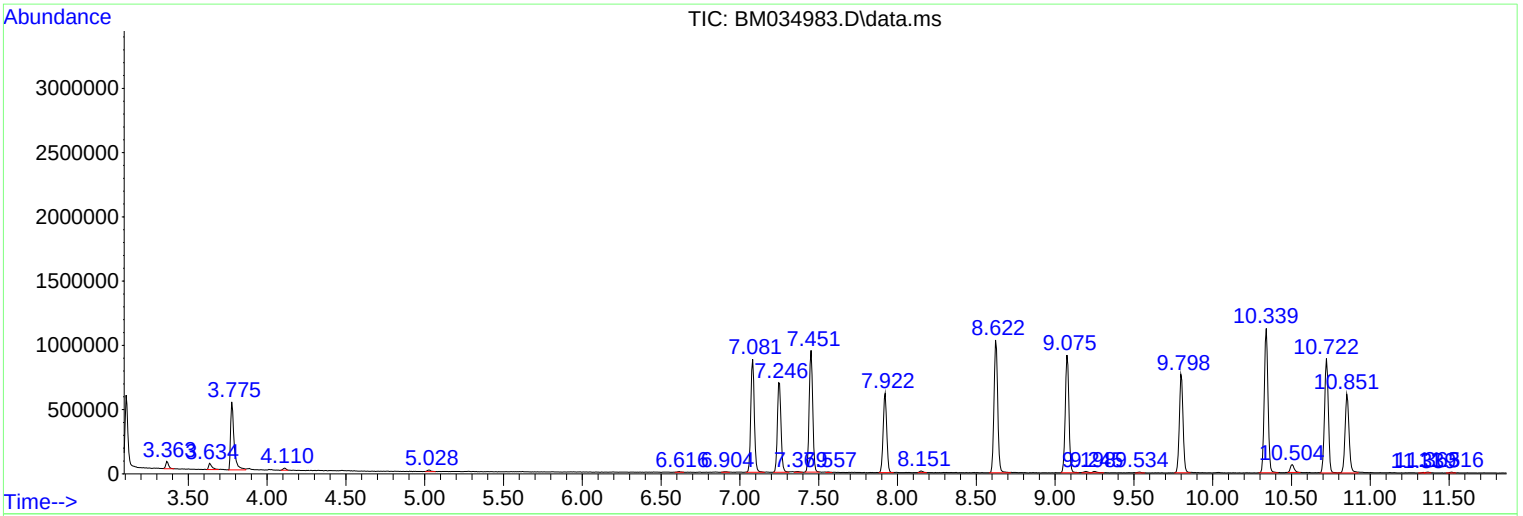
Sum of corrected areas: 52887827

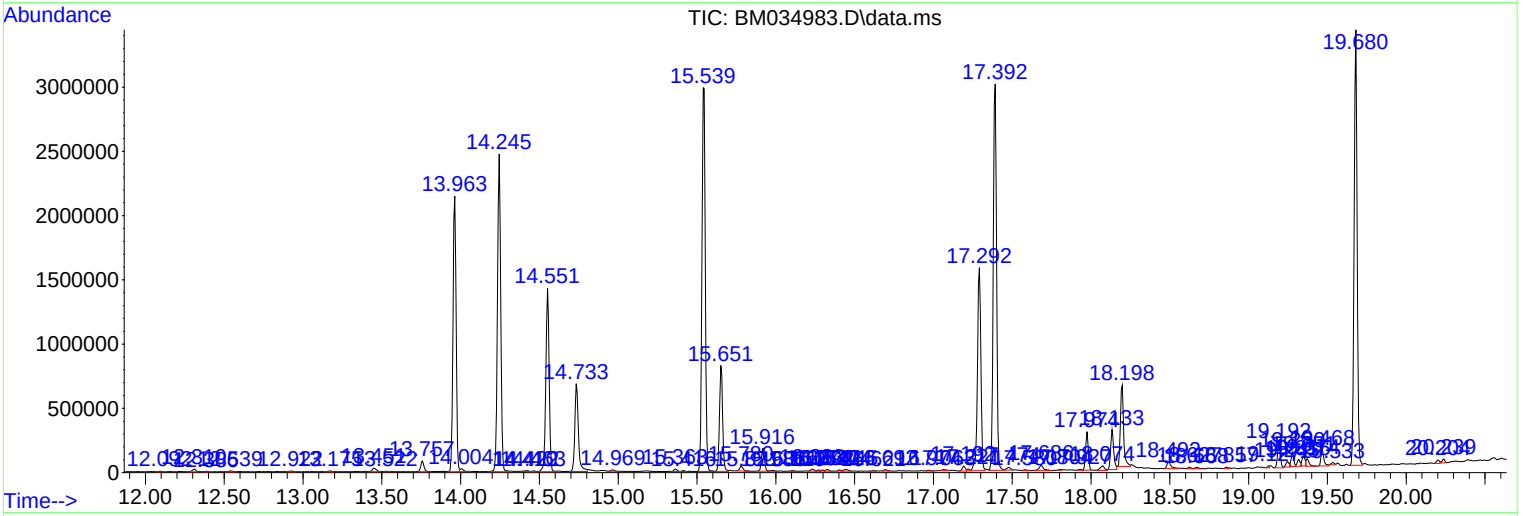
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

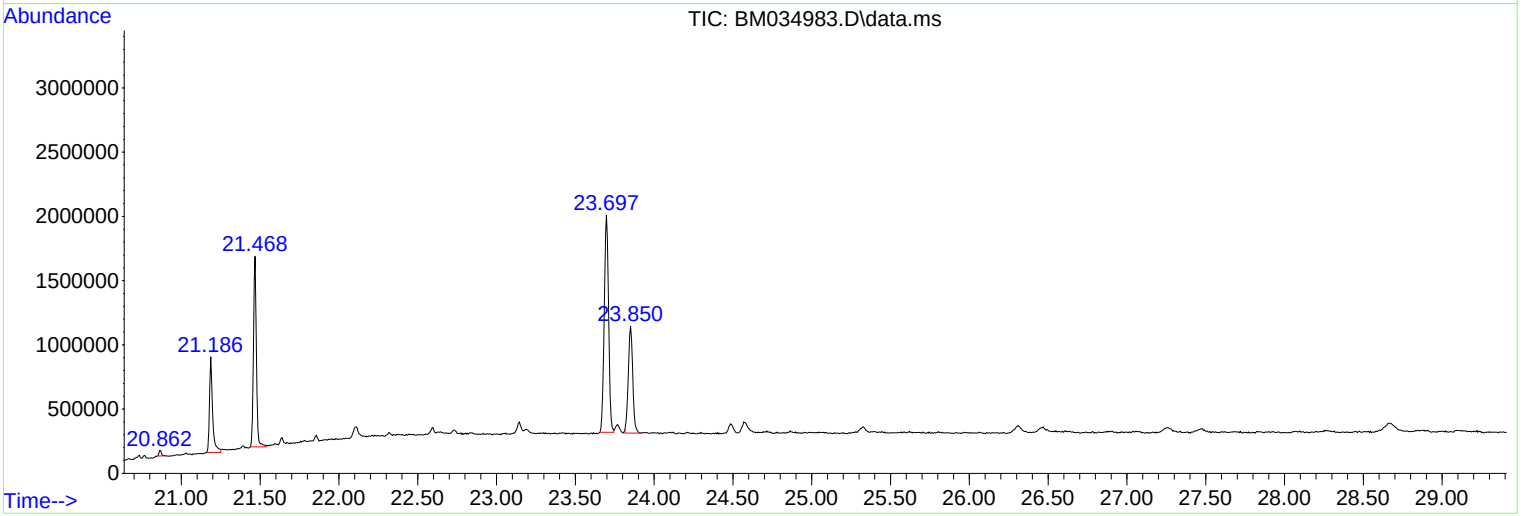
Instrument :
BNA_M
ClientSampleId :
EW485

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

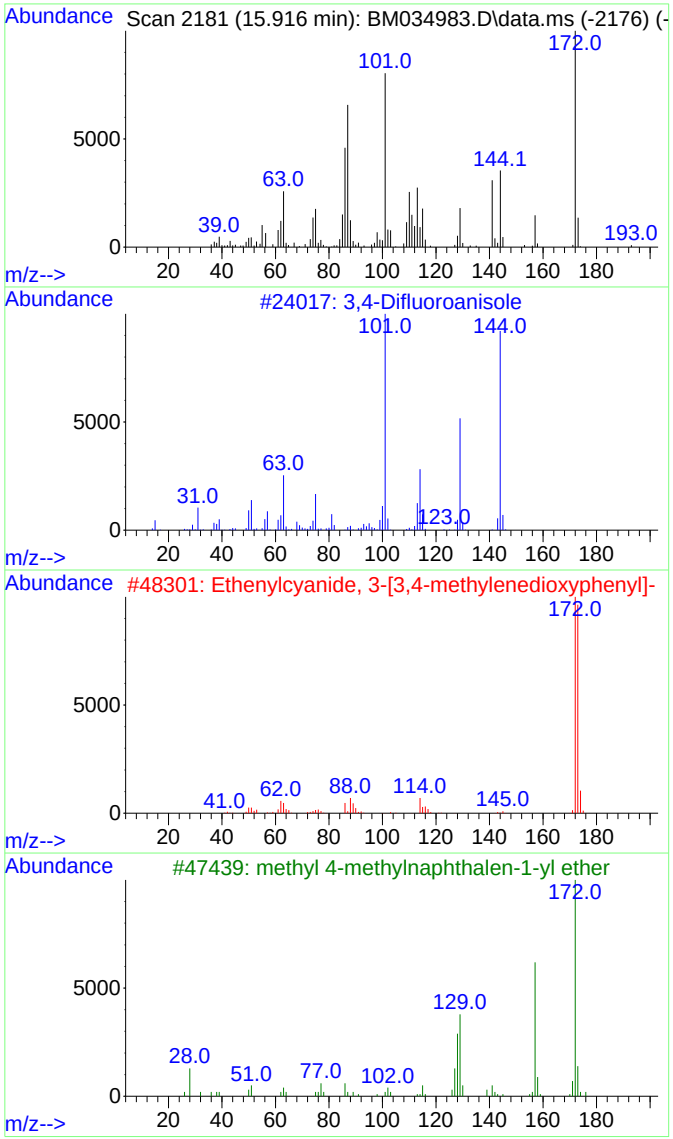
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

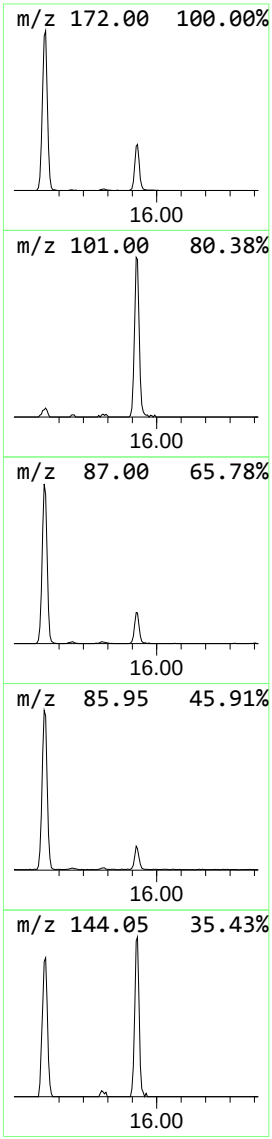
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	2.33 ng/ul	242878	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Difluoroanisole	144	C7H6F2O	115144-40-6	30
2	Ethenylcyanide, 3-[3,4-methylene...	173	C10H7NO2	1000129-96-7	22
3	methyl 4-methylnaphthalen-1-yl e...	172	C12H12O	1000404-63-1	14
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

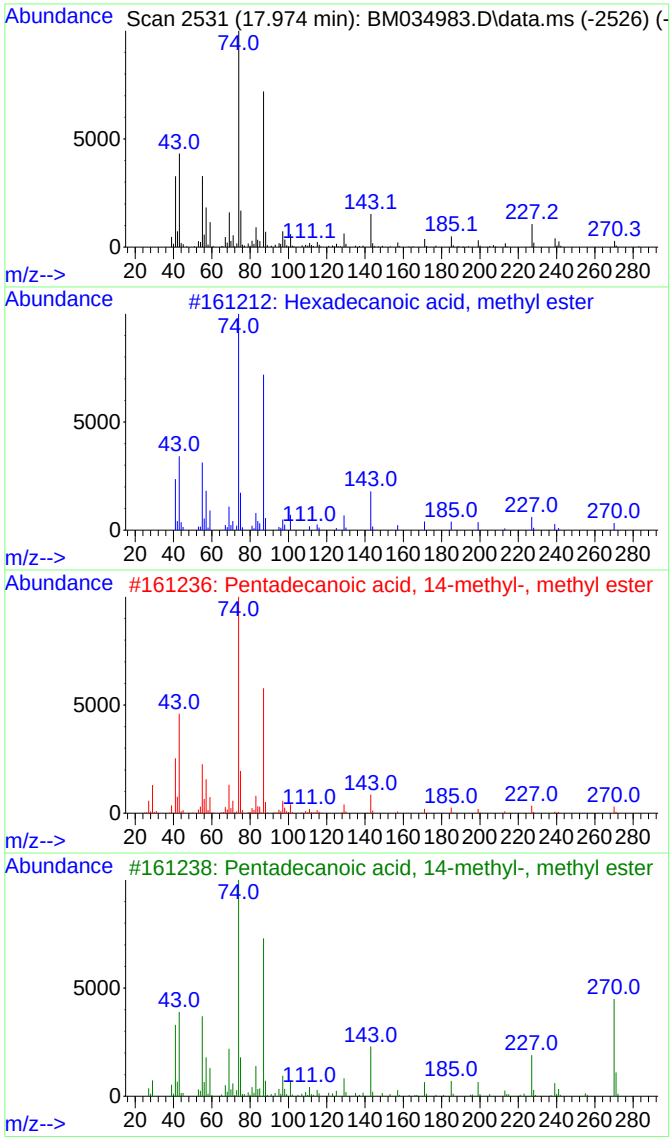
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

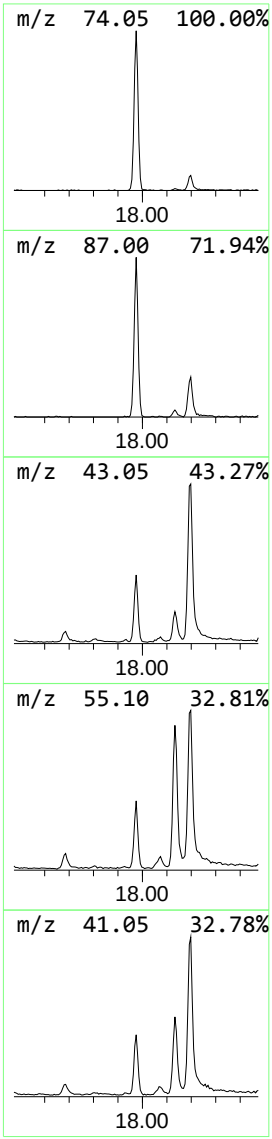
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	2.89 ng/ul	341289	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	97
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

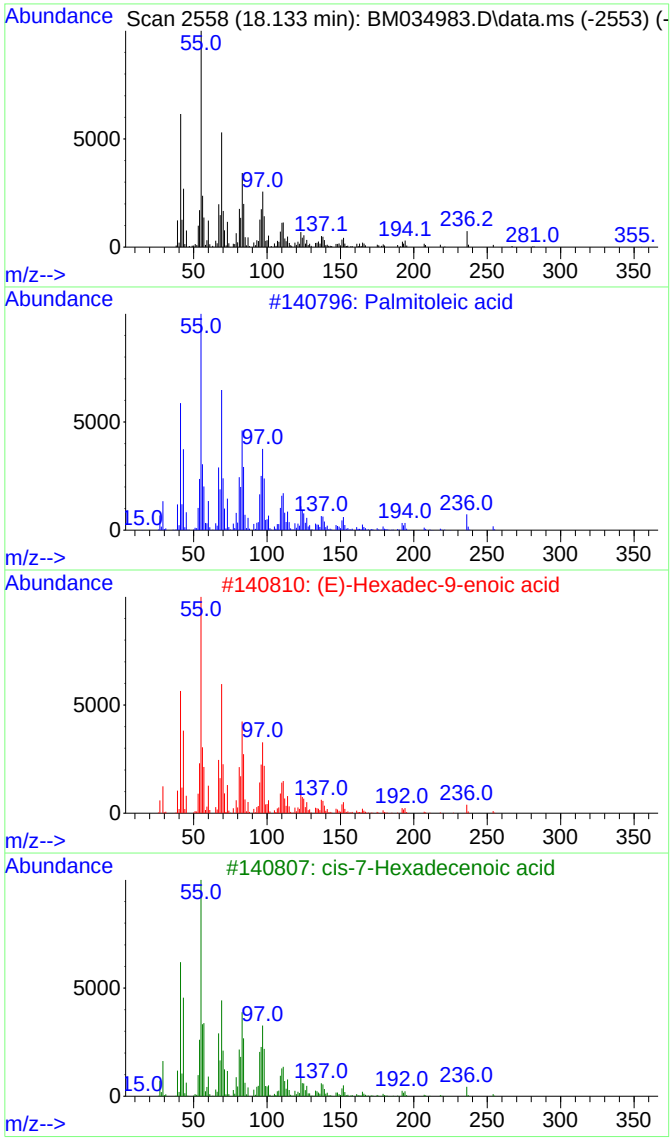
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

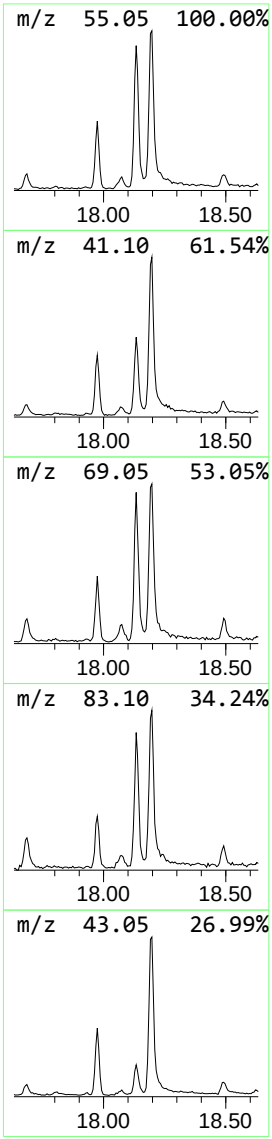
****

Peak Number 3 Palmitoleic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	3.51 ng/ul	414687	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	99
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
5	Palmitoleic acid	254	C16H30O2	000373-49-9	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

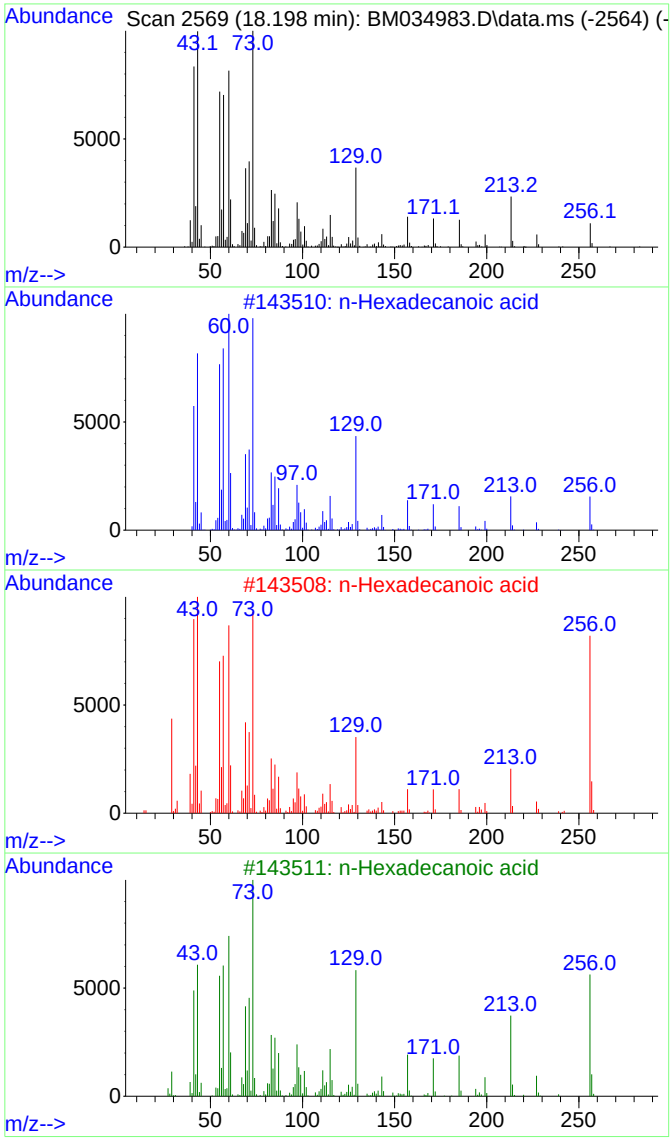
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

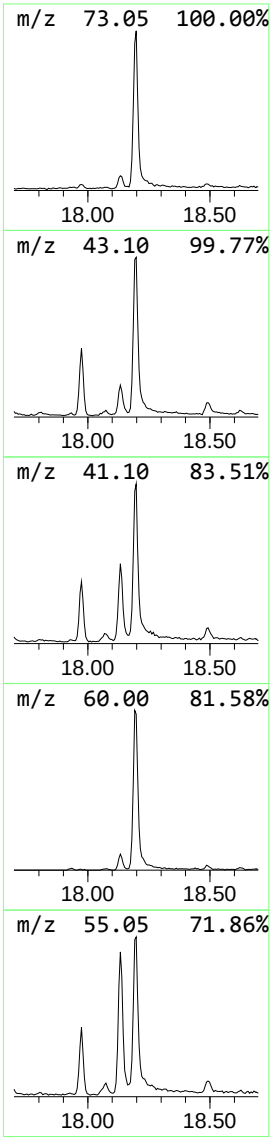
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	7.38 ng/ul	872290	Phenanthrene-d10	17.292

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	99
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

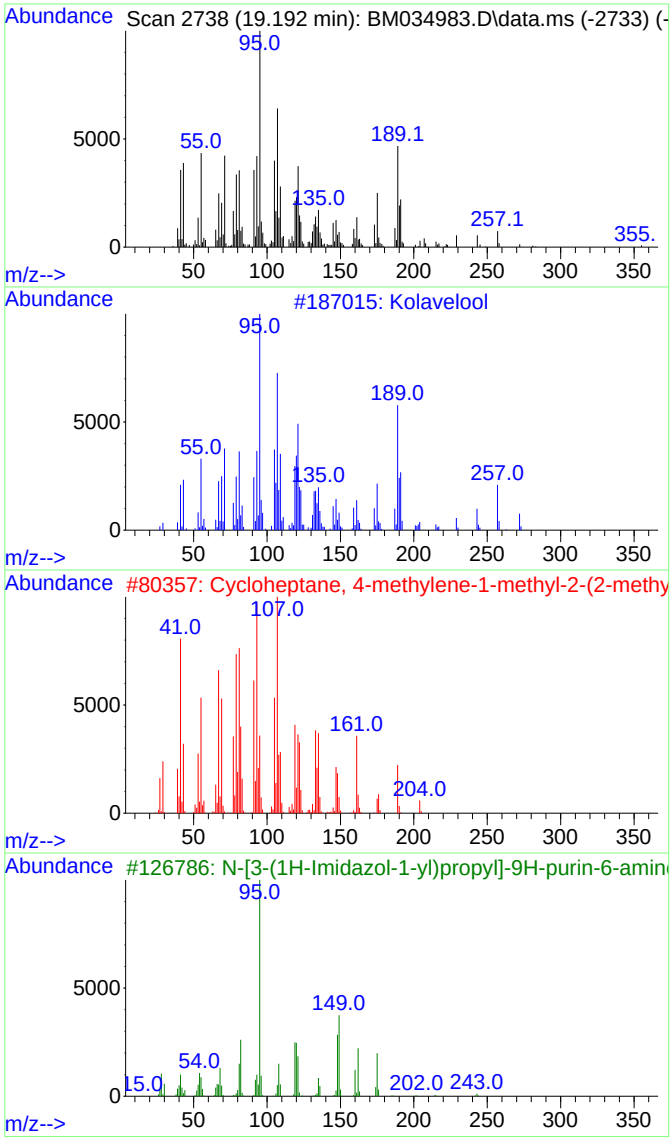
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

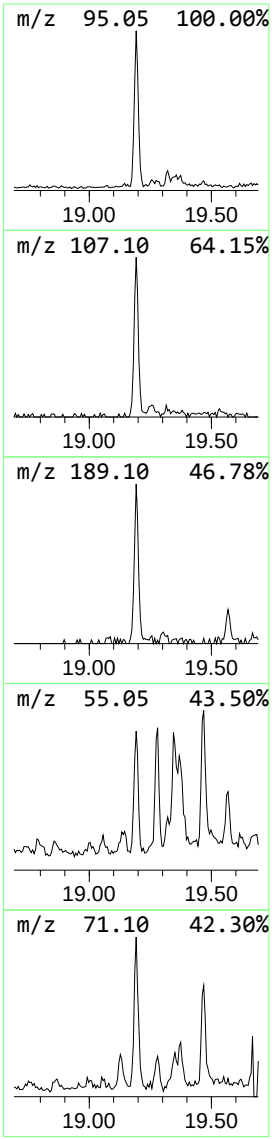
****

Peak Number 5 Kolavelool Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	2.07 ng/ul	244771	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Kolavelool	290	C20H34O	019941-81-2	58
2	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1010159-38-5	53
3	N-[3-(1H-Imidazol-1-yl)propyl]-9...	243	C11H13N7	537666-87-8	35
4	5-Isopropenyl-2-methyl-7-oxabicy...	168	C10H16O2	1000185-00-9	27
5	Cyclohexane, 1-(chloromethyl)-4-...	144	C8H13Cl	000823-83-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

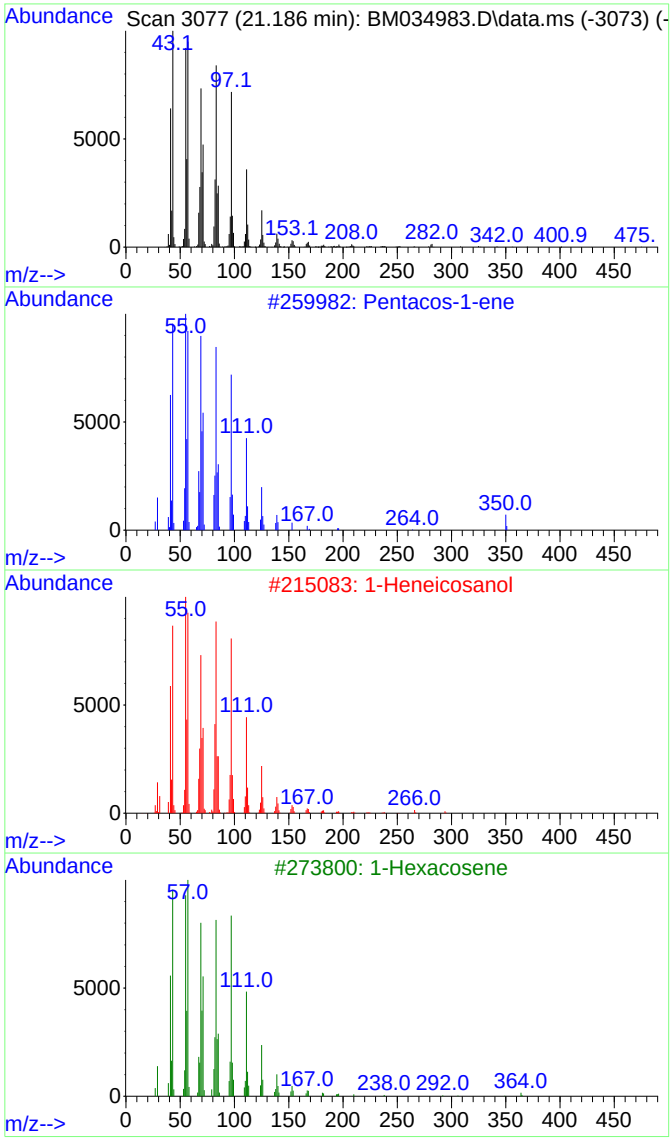
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

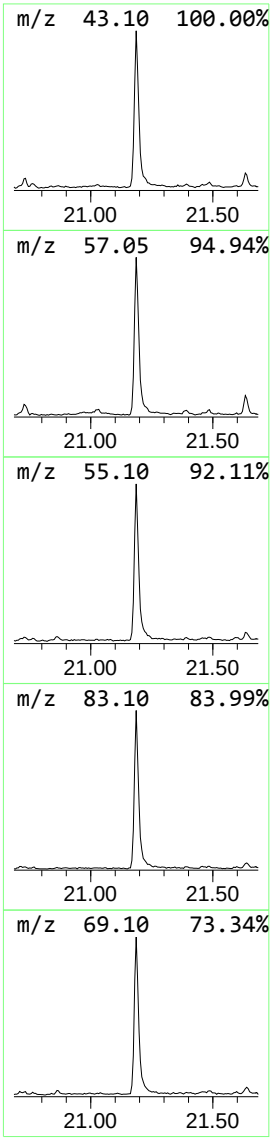
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	10.72 ng/ul	1025280	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034983.D
Acq On : 11 May 2022 13:53
Operator : CG/JU
Sample : N2603-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW485

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.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
unknown-01	15.916	2.3	ng/ul	242878	3	14.551	2085830	20.0
Hexadecanoic ac...	17.974	2.9	ng/ul	341289	4	17.292	2362680	20.0
Palmitoleic acid	18.133	3.5	ng/ul	414687	4	17.292	2362680	20.0
n-Hexadecanoic ...	18.198	7.4	ng/ul	872290	4	17.292	2362680	20.0
Kolavelool	19.192	2.1	ng/ul	244771	4	17.292	2362680	20.0
(DEL) Alkane: S...	21.186	10.7	ng/ul	1025280	5	21.468	1912460	20.0