LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020178.D
Acq On : 15 Jun 2022 17:06
Operator : CG/JU
Sample : N3285-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P7

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

Signal : TIC: BN020178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	26	29	42	rVB	31713	54619	1.10%	0.115%
2	3.675	97	100	116	rBV	173695	302373	6.09%	0.636%
3	3.911	136	140	146	rVB	11979	18499	0.37%	0.039%
4	3.999	152	155	159	rVB	10308	14163	0.29%	0.030%
5	4.911	307	310	315	rVB3	6494	9528	0.19%	0.020%
6	5.858	466	471	477	rVB7	4397	9133	0.18%	0.019%
7	6.981	654	662	679	rBV	243775	421688	8.50%	0.887%
8	7.128	679	687	699	rBV	483317	822662	16.58%	1.730%
9	7.334	714	722	734	rBV	569551	943685	19.02%	1.985%
10	7.434	736	739	745	rVB7	3742	6527	0.13%	0.014%
11	7.687	777	782	786	rVB3	4517	5554	0.11%	0.012%
12	7.799	794	801	808	rBV	453004	752308	15.16%	1.582%
13	7.869	808	813	820	rVV	129069	203960	4.11%	0.429%
14	8.516	916	923	936	rBV	579401	995275	20.05%	2.093%
15	8.622	937	941	946	rVB5	4734	8347	0.17%	0.018%
16	8.952	989	997	1012	rVV	665214	1129898	22.77%	2.376%
17	9.087	1016	1020	1026	rBV6	6932	10997	0.22%	0.023%
18	9.669	1112	1119	1127	rBV	564070	962426	19.39%	2.024%
19	10.216	1203	1212	1232	rBV	851341	1495184	30.13%	3.145%
20	10.587	1267	1275	1284	rBV	758474	1294227	26.08%	2.722%
21	10.722	1290	1298	1315	rBV	793313	1406605	28.34%	2.958%
22	11.351	1399	1405	1409	rBV5	3522	5532	0.11%	0.012%
23	12.175	1540	1545	1556	rBV2	14573	25073	0.51%	0.053%
24	13.269	1725	1731	1736	rBV3	4669	7718	0.16%	0.016%
25	13.840	1821	1828	1838	rBV	1788505	2563369	51.65%	5.391%
26	13.969	1847	1850	1855	rVB6	4514	5582	0.11%	0.012%
27	14.122	1868	1876	1893	rBV	1829342	2898404	58.40%	6.096%
28	14.339	1909	1913	1920	rVB2	10780	15652	0.32%	0.033%
29	14.428	1921	1928	1950	rBV2	1311259	2246306	45.26%	4.725%
30	14.651	1960	1966	1980	rBV	244803	467287	9.42%	0.983%
31	14.781	1986	1988	1995	rVB7	5873	9443	0.19%	0.020%
32	14.851	1996	2000	2006	rVB7	11781	16286	0.33%	0.034%
33	14.957	2015	2018	2025	rVB8	4898	8289	0.17%	0.017%
34	15.022	2025	2029	2032	rBV4	3492	5003	0.10%	0.011%
35	15.175	2049	2055	2062	rBV	358591	520196	10.48%	1.094%
36	15.245	2062	2067	2070	rVV3	7734	16141	0.33%	0.034%

LSC Area Percent Report

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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

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

37	15.292	2071	2075	2079	rVB2	25454	33200	0.67%	0.070%
38	15.422	2089	2097	2109	rBV	2425313	3768836	75.94%	7.927%
39	15.539	2110	2117	2130	rBV	1111100	1548256	31.20%	3.256%
40	15.657	2132	2137	2142	rBV2	35096	57984	1.17%	0.122%
41	15.792	2157	2160	2164	rVB5	5019	5493	0.11%	0.012%
42	15.845	2166	2169	2174	rBV5	4394	7985	0.16%	0.017%
43	15.910	2175	2180	2186	rVB9	6401	12506	0.25%	0.026%
44	16.151	2217	2221	2224	rBV	44991	63266	1.27%	0.133%
45	16.498	2275	2280	2284	rBV7	9692	22732	0.46%	0.048%
46	16.610	2297	2299	2304	rBV6	4709	7029	0.14%	0.015%
47	16.663	2304	2308	2311	rBV6	8387	15574	0.31%	0.033%
48	16.722	2316	2318	2322	rVV4	4926	7233	0.15%	0.015%
49	16.945	2351	2356	2360	rBV2	52449	76569	1.54%	0.161%
50	16.998	2362	2365	2370	rVB2	20536	31347	0.63%	0.066%
51	17.169	2387	2394	2403	rBV	1532186	2272703	45.80%	4.780%
52	17.263	2404	2410	2418	rBV2	2853231	4326512	87.18%	9.100%
53	17.680	2477	2481	2486	rVB	46895	57543	1.16%	0.121%
54	17.845	2506	2509	2514	rVB4	21890	31649	0.64%	0.067%
55	18.075	2543	2548	2555	rBV	175262	271554	5.47%	0.571%
56	18.375	2596	2599	2604	rBV	40241	47643	0.96%	0.100%
57	18.463	2611	2614	2622	rVB2	23125	32275	0.65%	0.068%
58	19.010	2703	2707	2711	rVB	36167	45288	0.91%	0.095%
59	19.127	2723	2727	2732	rBV	44539	57787	1.16%	0.122%
60	19.198	2735	2739	2743	rBV	42395	63348	1.28%	0.133%
61	19.357	2761	2766	2777	rBV	138525	261914	5.28%	0.551%
62	19.563	2795	2801	2809	rBV	3357695	4962754	100.00%	10.438%
63	19.792	2837	2840	2846	rVB	37113	49231	0.99%	0.104%
64	20.574	2971	2973	2977	rVB2	50527	49592	1.00%	0.104%
65	21.080	3055	3059	3066	rBV	139794	211464	4.26%	0.445%
66	21.357	3101	3106	3112	rBV	1875101	2413751	48.64%	5.077%
67	22.233	3252	3255	3261	rVB	195827	257927	5.20%	0.542%
68	23.527	3467	3475	3481	rBV2	2268170	4566921	92.02%	9.605%
69	23.674	3493	3500	3509	rVB2	1089947	2229541	44.93%	4.689%

Sum of corrected areas: 47545346

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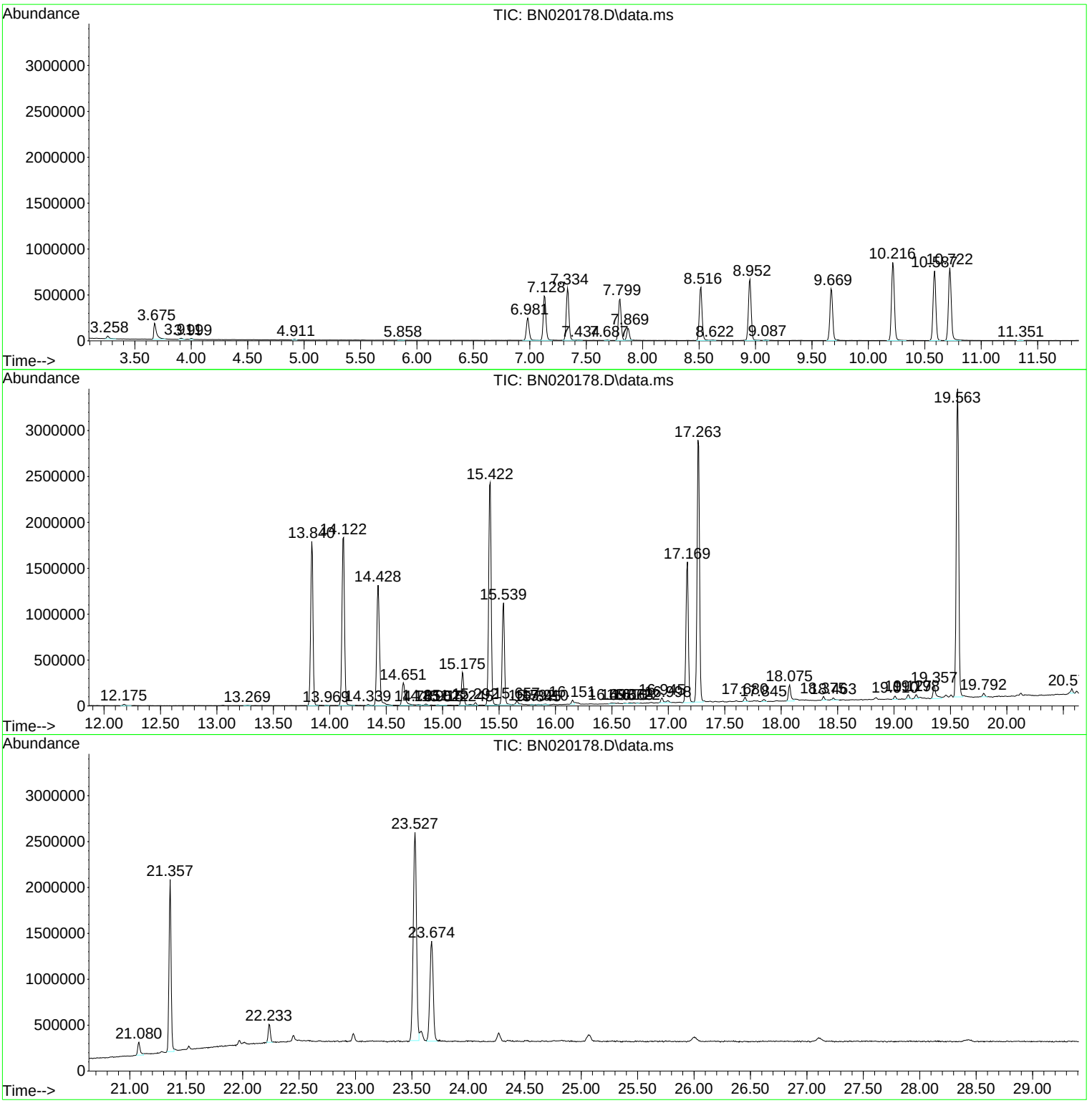
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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



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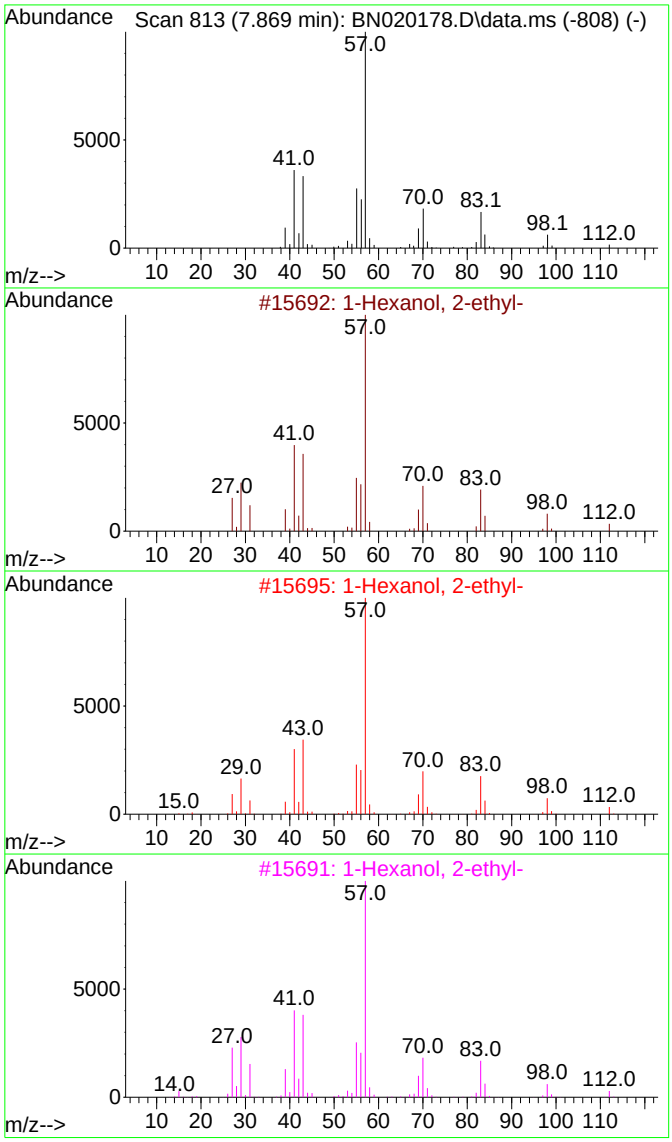
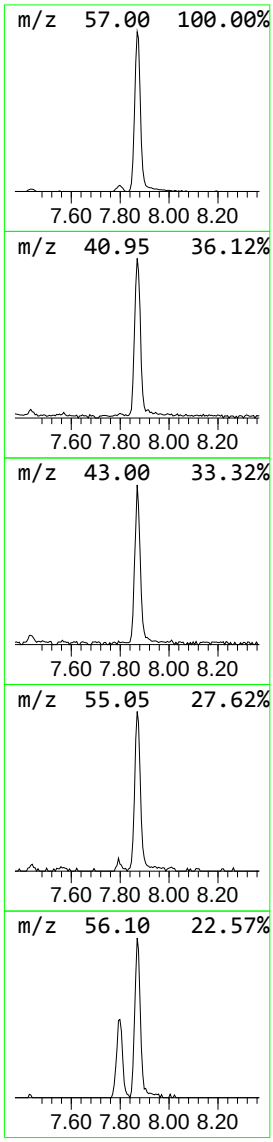
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	5.42 ng/ul	203960	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59





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Data File : BN020178.D
Acq On : 15 Jun 2022 17:06
Operator : CG/JU
Sample : N3285-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4P7

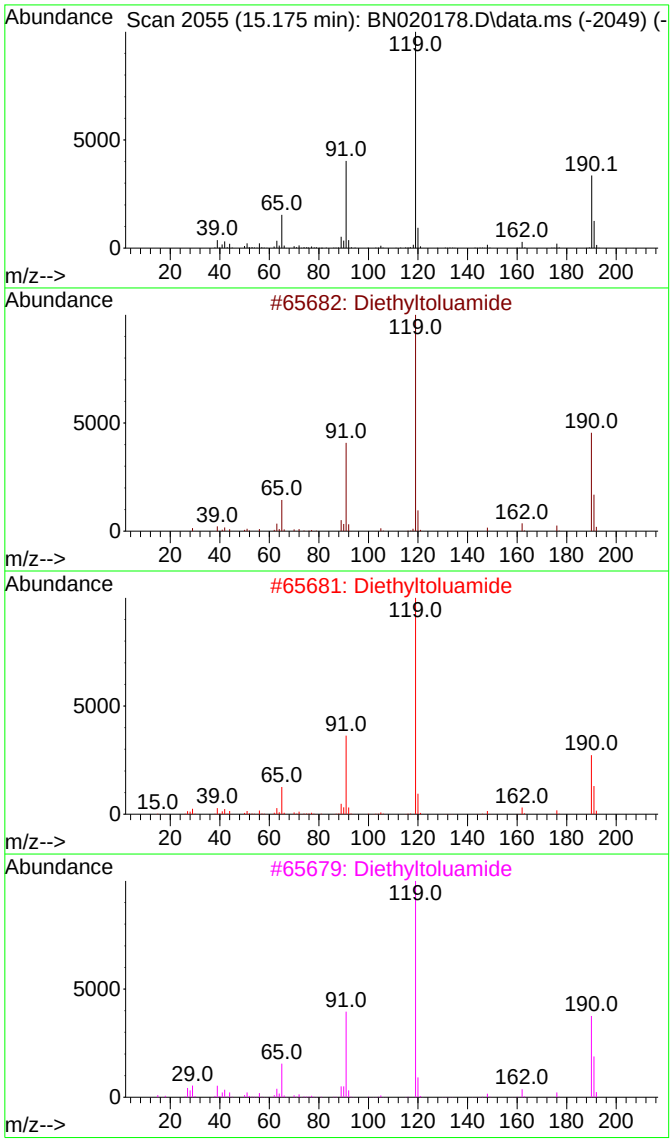
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

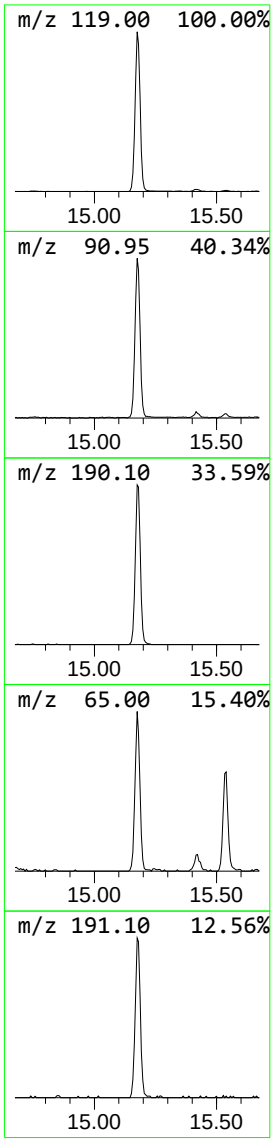
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.175	4.63 ng/ul	520196	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	93
5	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87





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Data File : BN020178.D
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Instrument :
BNA_N
ClientSampleId :
EW4P7

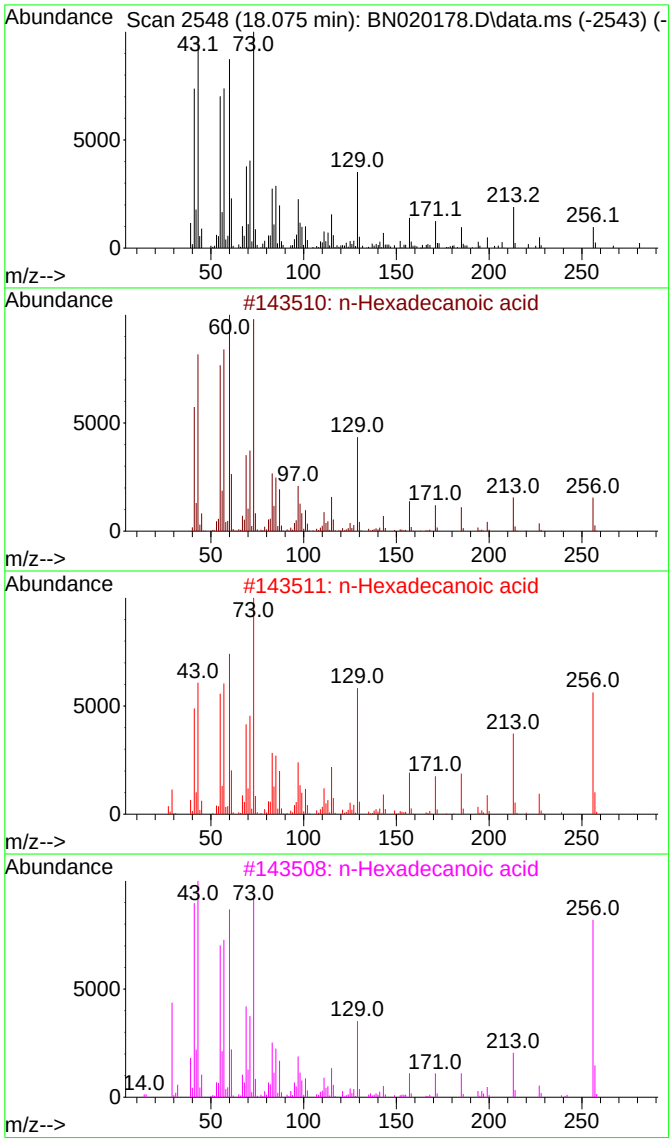
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

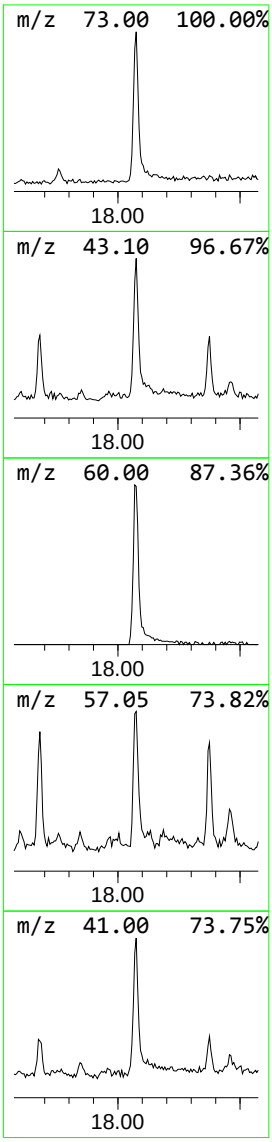
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	2.39 ng/ul	271554	Phenanthrene-d10	17.169

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

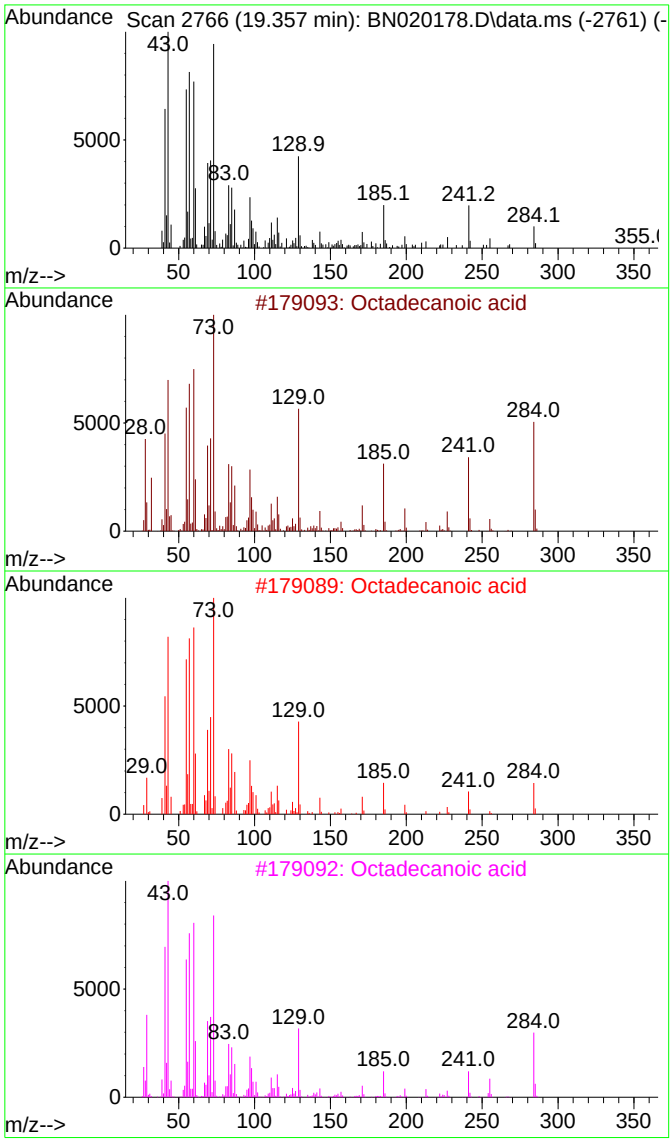
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

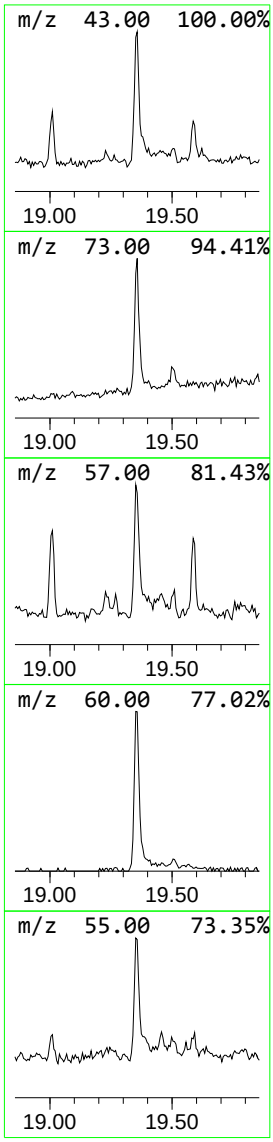
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.17 ng/ul	261914	Chrysene-d12	21.357

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	98





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ClientSampleId :
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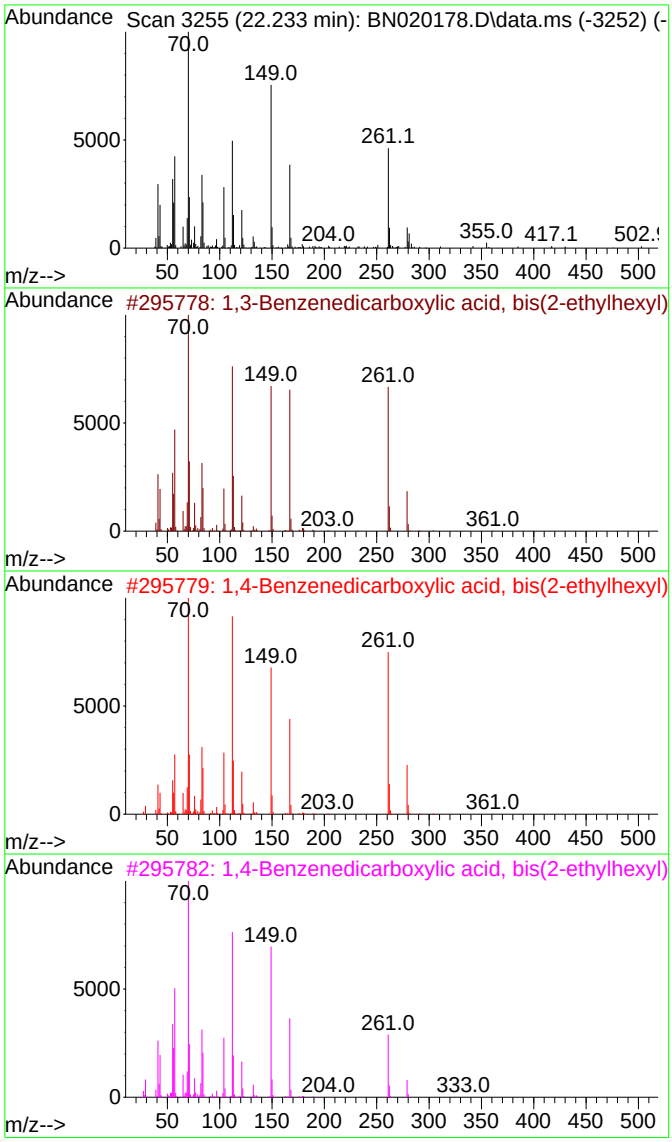
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

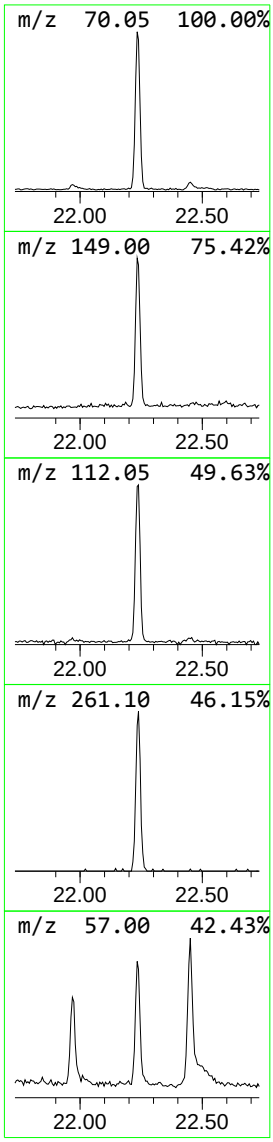
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,3-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.233	2.14 ng/ul	257927	Chrysene-d12	21.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	53
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	46
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	45
5	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	43





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.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
1-Hexanol, 2-et...	7.869	5.4	ng/ul	203960	1	7.799	752308	20.0
Diethyltoluamide	15.175	4.6	ng/ul	520196	3	14.428	2246310	20.0
n-Hexadecanoic ...	18.075	2.4	ng/ul	271554	4	17.169	2272700	20.0
Octadecanoic acid	19.357	2.2	ng/ul	261914	5	21.357	2413750	20.0
1,3-Benzenedica...	22.233	2.1	ng/ul	257927	5	21.357	2413750	20.0