LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
Data File : BN020251.D
Acq On : 17 Jun 2022 22:53
Operator : CG/JU
Sample : N3313-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YB7L5

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: BN020251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.229	18	24	32	rBV	12629822	25497061	100.00%	34.545%
2	3.664	95	98	115	rBV	168464	295338	1.16%	0.400%
3	4.093	166	171	182	rVB3	62344	126778	0.50%	0.172%
4	4.523	238	244	258	rVB	1166135	1984332	7.78%	2.688%
5	5.246	361	367	378	rVB	14838	27325	0.11%	0.037%
6	6.987	653	663	670	rBV	134764	235281	0.92%	0.319%
7	7.122	679	686	696	rBV	540077	884864	3.47%	1.199%
8	7.334	715	722	734	rBV	518986	896147	3.51%	1.214%
9	7.787	793	799	810	rBV	437214	738629	2.90%	1.001%
10	8.511	916	922	936	rBV	447426	788292	3.09%	1.068%
11	8.940	988	995	1004	rBV	704942	1210408	4.75%	1.640%
12	9.663	1111	1118	1130	rBV	595576	1009392	3.96%	1.368%
13	10.216	1205	1212	1225	rBV	888381	1556182	6.10%	2.108%
14	10.575	1266	1273	1282	rBV	757235	1319651	5.18%	1.788%
15	10.710	1289	1296	1309	rBV	760562	1392192	5.46%	1.886%
16	12.169	1535	1544	1550	rBV2	17434	34397	0.13%	0.047%
17	13.834	1820	1827	1840	rBV	1922253	2731519	10.71%	3.701%
18	14.110	1867	1874	1887	rBV	2061710	3170229	12.43%	4.295%
19	14.422	1920	1927	1935	rBV	1243449	1900931	7.46%	2.575%
20	14.669	1964	1969	1983	rBV	94927	202415	0.79%	0.274%
21	15.281	2068	2073	2079	rVB	24048	33717	0.13%	0.046%
22	15.410	2087	2095	2109	rBV	2660475	4088687	16.04%	5.540%
23	15.534	2109	2116	2131	rBV	1028356	1483344	5.82%	2.010%
24	15.651	2131	2136	2140	rBV2	34073	54057	0.21%	0.073%
25	16.145	2215	2220	2223	rBV	43449	64692	0.25%	0.088%
26	16.934	2350	2354	2358	rBV2	45972	66459	0.26%	0.090%
27	17.163	2386	2393	2403	rBV	1483409	2257581	8.85%	3.059%
28	17.257	2403	2409	2423	rVV2	2850804	4386408	17.20%	5.943%
29	17.675	2476	2480	2485	rBV	43952	56014	0.22%	0.076%
30	17.845	2505	2509	2514	rVB	100585	118787	0.47%	0.161%
31	18.069	2542	2547	2553	rBV	97893	167624	0.66%	0.227%
32	18.369	2594	2598	2605	rBV	43189	60754	0.24%	0.082%
33	19.022	2702	2709	2718	rVB2	181330	275752	1.08%	0.374%
34	19.122	2722	2726	2729	rBV2	44653	60456	0.24%	0.082%
35	19.186	2734	2737	2741	rBV	36030	46507	0.18%	0.063%
36	19.345	2760	2764	2772	rBV3	66450	110965	0.44%	0.150%

LSC Area Percent Report

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ClientSampleId :
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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

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

37	19.492	2786	2789	2793	rVB4	20681	26634	0.10%	0.036%
38	19.557	2794	2800	2808	rBV	3463476	4956212	19.44%	6.715%
39	19.804	2839	2842	2847	rVB	40865	49523	0.19%	0.067%
40	20.116	2891	2895	2899	rBV2	31208	38389	0.15%	0.052%
41	20.563	2969	2971	2975	rVB	35658	36451	0.14%	0.049%
42	21.098	3055	3062	3079	rBV7	66686	278428	1.09%	0.377%
43	21.345	3099	3104	3116	rBV	1738660	2305191	9.04%	3.123%
44	21.510	3130	3132	3137	rVB2	35058	32187	0.13%	0.044%
45	21.957	3205	3208	3212	rVB	50523	57711	0.23%	0.078%
46	22.433	3286	3289	3295	rVB2	74083	109836	0.43%	0.149%
47	22.963	3375	3379	3385	rVB	104169	160749	0.63%	0.218%
48	23.510	3464	3472	3479	rBV2	2008552	4094470	16.06%	5.547%
49	23.657	3490	3497	3507	rVB	972886	1895389	7.43%	2.568%
50	24.251	3593	3598	3606	rVB	115581	239130	0.94%	0.324%
51	25.045	3728	3733	3740	rVB2	87874	195507	0.77%	0.265%

Sum of corrected areas: 73808974

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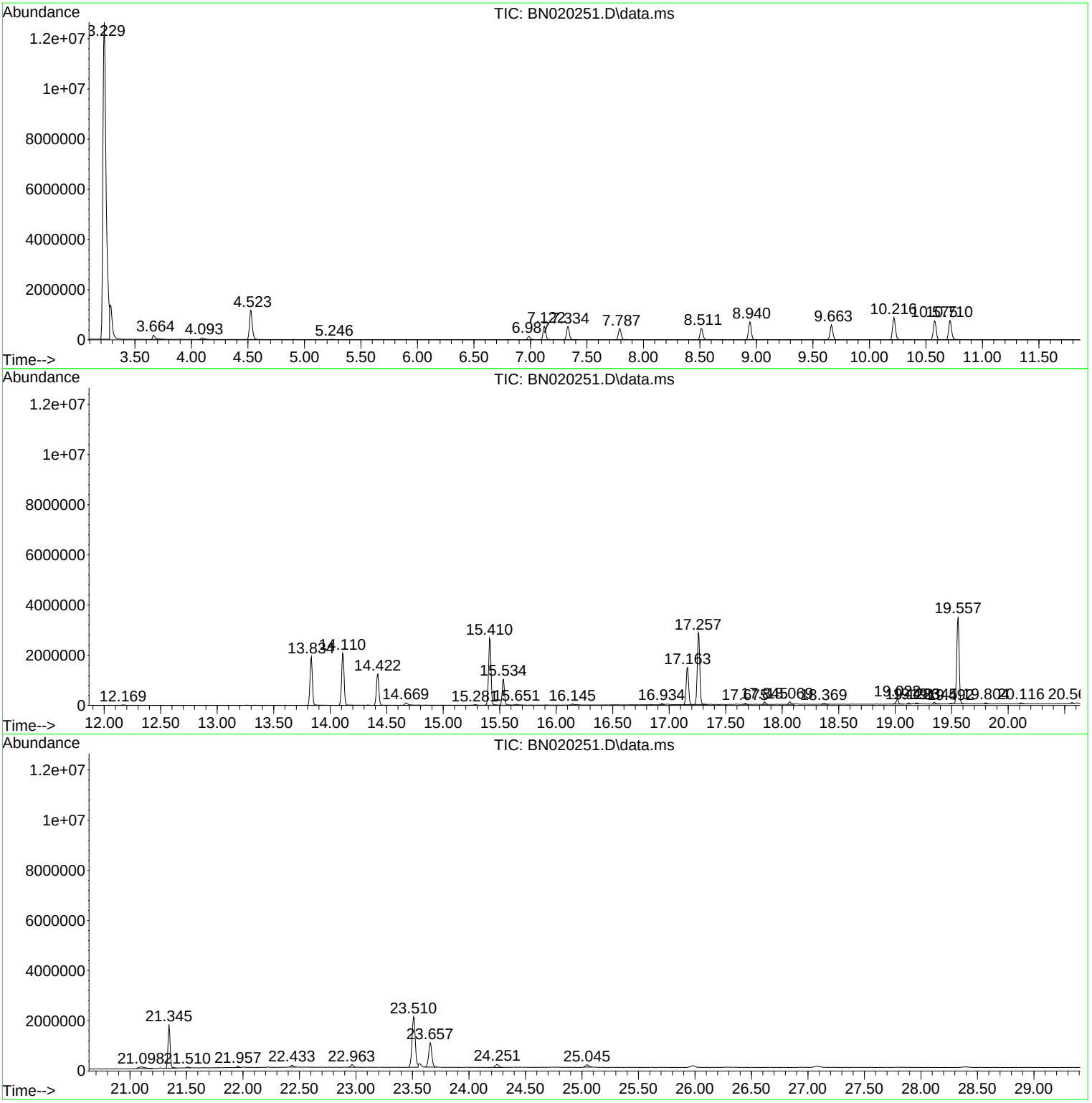
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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



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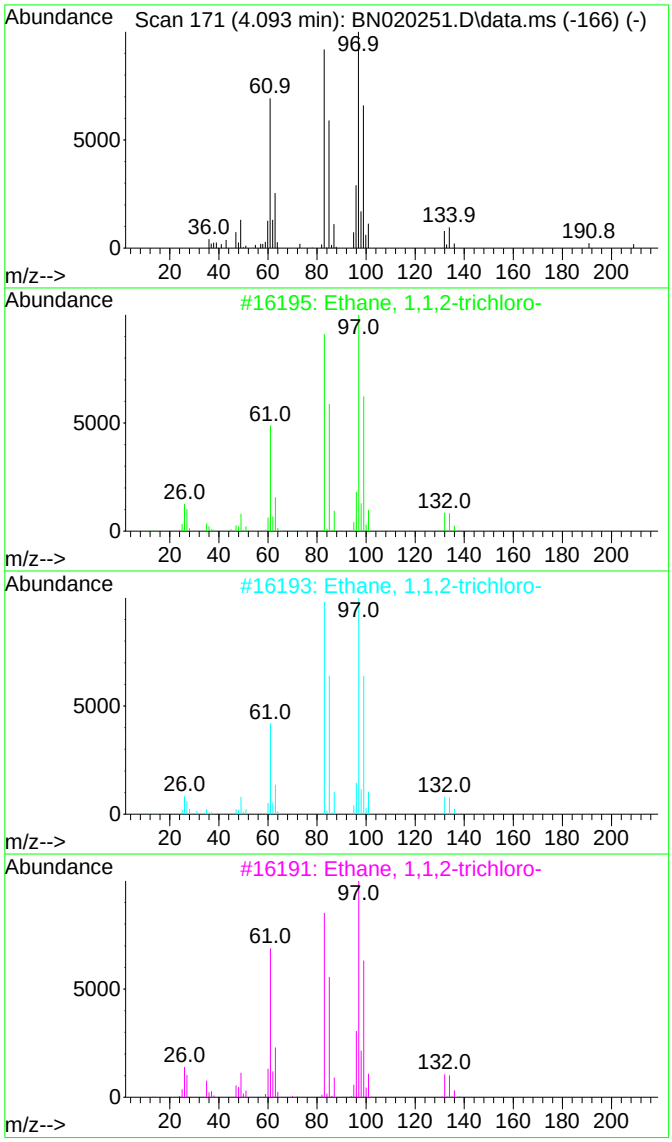
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

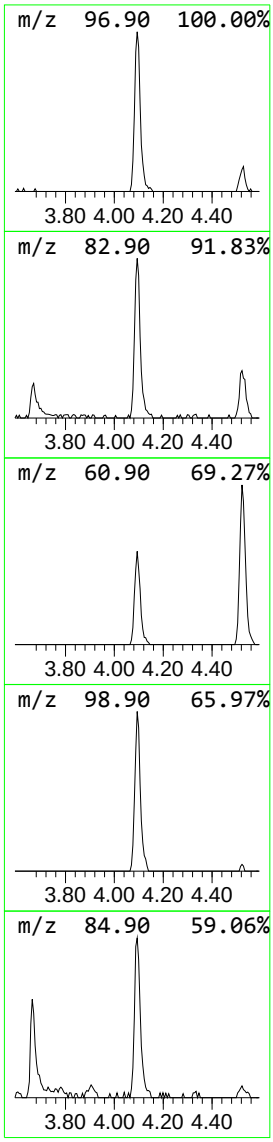
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethane, 1,1,2-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.093	3.43 ng/ul	126778	1,4-Dichlorobenzene-d4	7.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	96
2	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	94
3	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	94
4	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	90
5	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	64





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Instrument :
BNA_N
ClientSampleId :
YB7L5

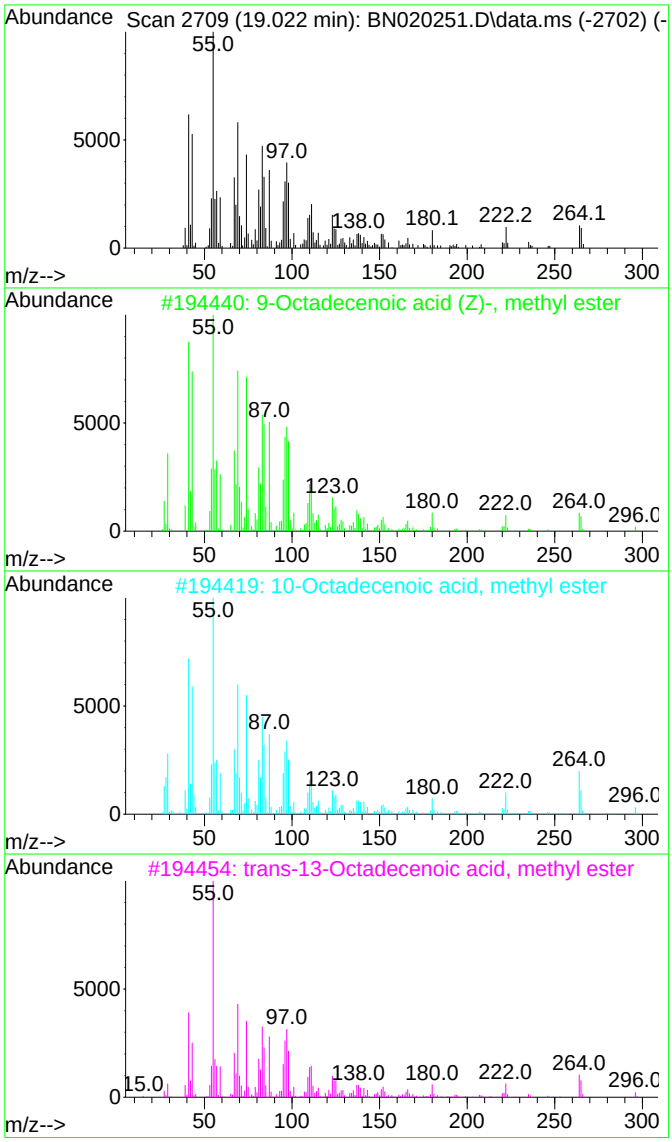
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

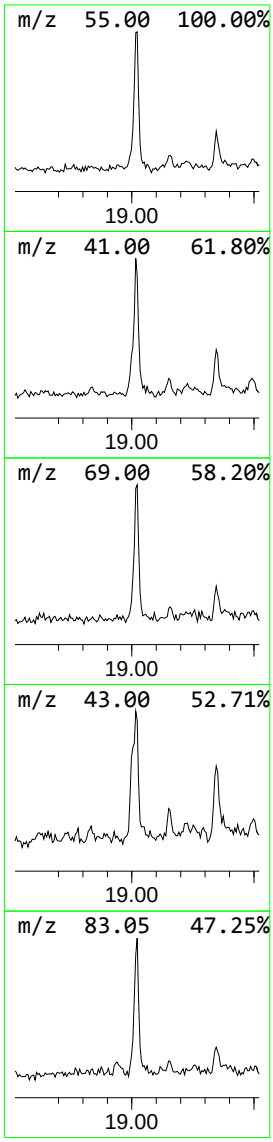
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.44 ng/ul	275752	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	87
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87





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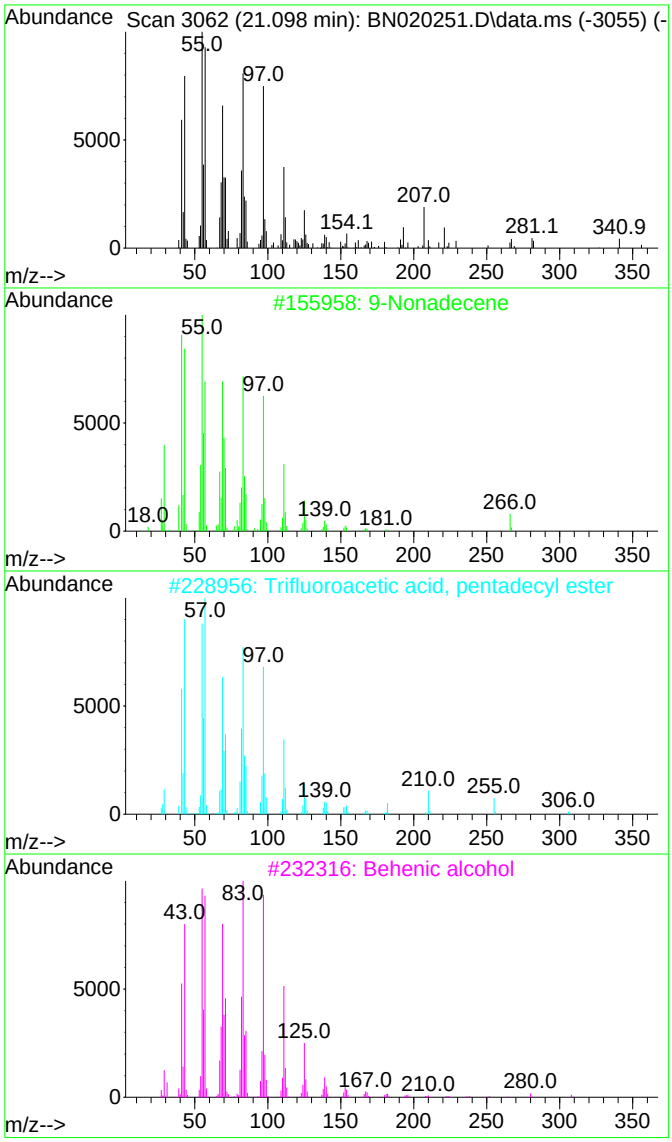
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

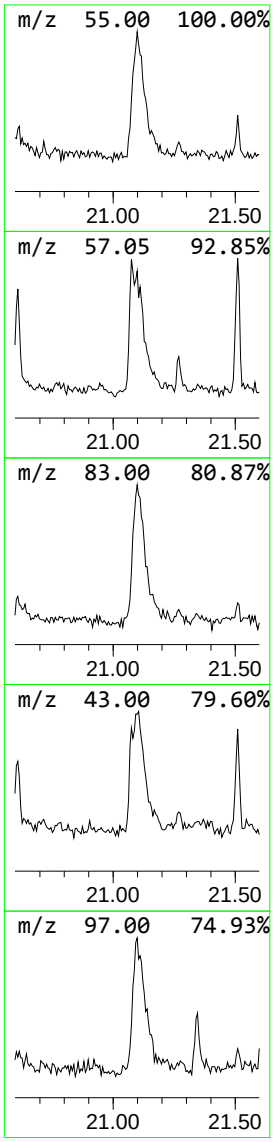
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	2.42 ng/ul	278428	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	Eicosyl methyl ether	312	C21H44O	1000406-29-4	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YB7L5

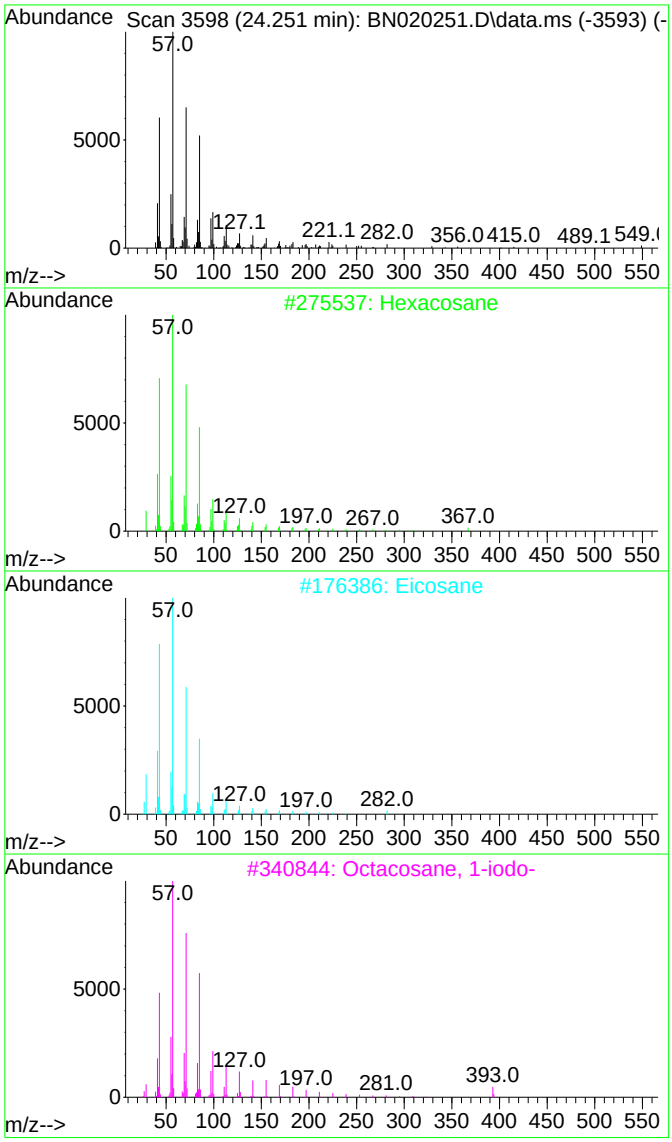
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

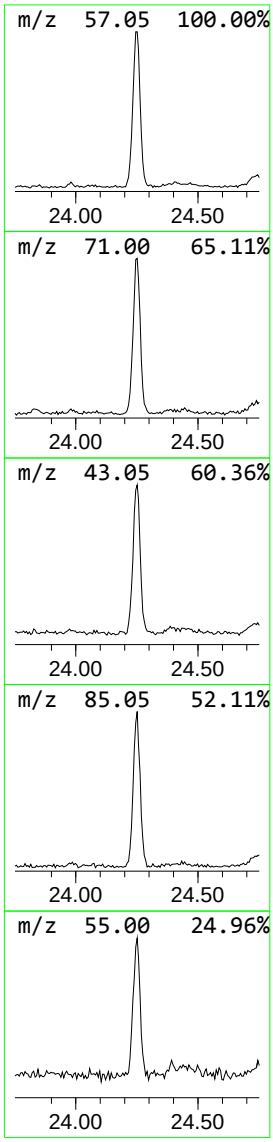
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.251	2.52 ng/ul	239130	Perylene-d12	23.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	90
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





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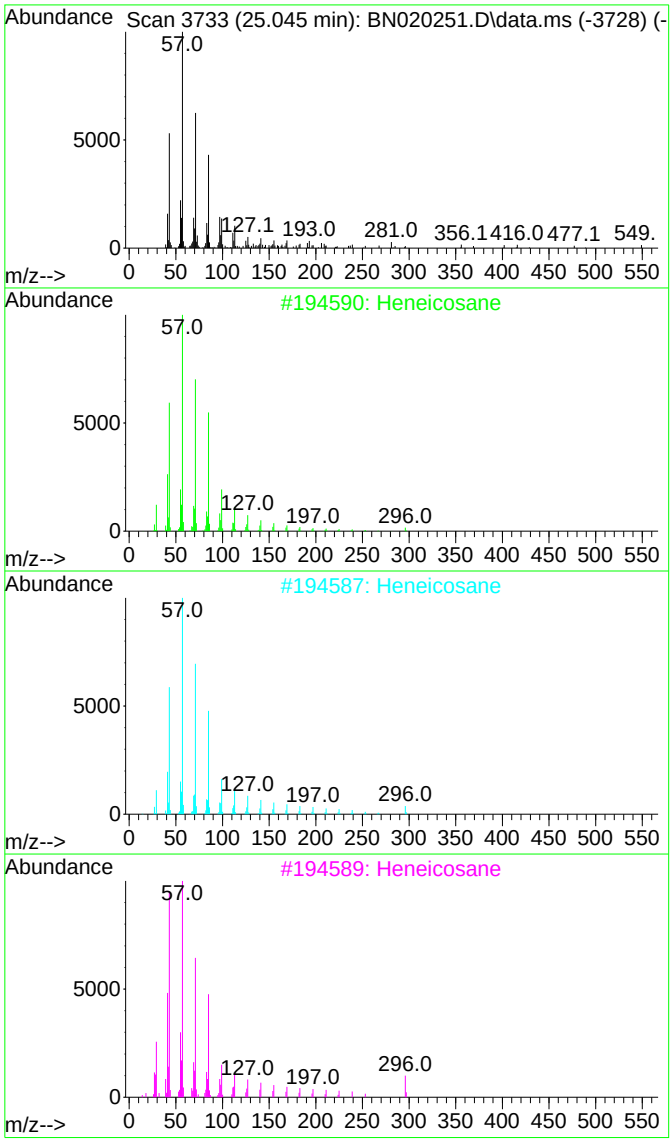
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

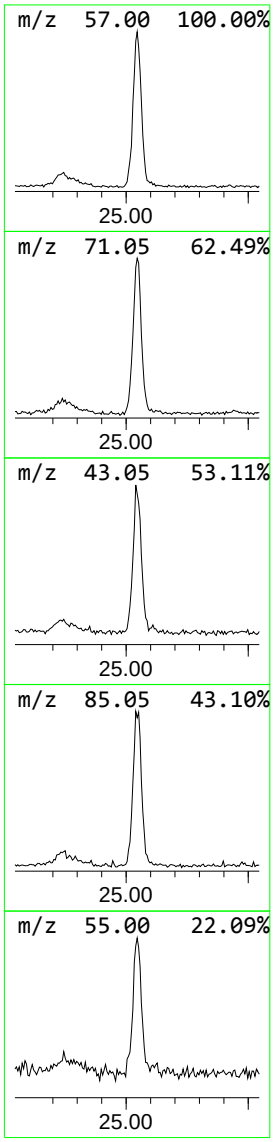
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.045	2.06 ng/ul	195507	Perylene-d12	23.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Heneicosane	296	C21H44	000629-94-7	95
4	Nonadecane	268	C19H40	000629-92-5	94
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





Tentatively Identified Compound (LSC) summary

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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
Ethane, 1,1,2-t...	4.093	3.4	ng/ul	126778	1	7.787	738629	20.0
9-Octadecenoic ...	19.022	2.4	ng/ul	275752	4	17.163	2257580	20.0
(DEL) Alkane: S...	21.098	2.4	ng/ul	278428	5	21.345	2305190	20.0
(DEL) Alkane: S...	24.251	2.5	ng/ul	239130	6	23.657	1895390	20.0
(DEL) Alkane: S...	25.045	2.1	ng/ul	195507	6	23.657	1895390	20.0