LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020201.D
Acq On : 06 May 2024 10:43
Operator : MA/JU
Sample : P2279-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ4

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_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	19	22	31	rVB	22380	32192	0.93%	0.101%
2	3.628	89	92	108	rBV	68270	142436	4.11%	0.448%
3	3.916	137	141	147	rVB4	7141	12134	0.35%	0.038%
4	4.999	319	325	338	rBV	546455	861063	24.87%	2.710%
5	6.816	626	634	654	rBV	102662	244140	7.05%	0.768%
6	6.975	655	661	681	rVB	314090	552326	15.95%	1.738%
7	7.157	686	692	708	rBV	335375	653887	18.88%	2.058%
8	7.622	764	771	790	rBV	363158	643583	18.59%	2.025%
9	8.334	885	892	911	rBV	318495	620637	17.92%	1.953%
10	8.475	914	916	923	rVB8	2960	4698	0.14%	0.015%
11	8.781	958	968	988	rBV	434380	795433	22.97%	2.503%
12	9.128	1021	1027	1034	rVB2	18619	31965	0.92%	0.101%
13	9.387	1064	1071	1072	rBV7	2326	3717	0.11%	0.012%
14	9.498	1081	1090	1107	rBV	336985	677531	19.57%	2.132%
15	10.028	1172	1180	1201	rBV	460240	967174	27.93%	3.044%
16	10.392	1226	1242	1256	rBV	556266	1074336	31.02%	3.381%
17	10.557	1261	1270	1292	rVV	347701	795230	22.96%	2.503%
18	11.634	1449	1453	1459	rBV2	5241	7196	0.21%	0.023%
19	12.016	1510	1518	1529	rVB3	7102	16665	0.48%	0.052%
20	13.175	1709	1715	1722	rVB7	4350	9145	0.26%	0.029%
21	13.710	1796	1806	1819	rBV	1060714	1746748	50.44%	5.497%
22	13.992	1846	1854	1872	rBV2	1158280	1884682	54.43%	5.931%
23	14.304	1898	1907	1919	rBV	824164	1292680	37.33%	4.068%
24	14.586	1949	1955	1961	rBV3	54132	139760	4.04%	0.440%
25	15.180	2052	2056	2062	rVB9	2609	4808	0.14%	0.015%
26	15.322	2073	2080	2093	rBV	1557498	2434517	70.30%	7.662%
27	15.475	2099	2106	2120	rBV	510041	935534	27.02%	2.944%
28	15.575	2120	2123	2130	rVB5	11296	21754	0.63%	0.068%
29	15.916	2176	2181	2186	rVB9	2096	4268	0.12%	0.013%
30	16.133	2213	2218	2224	rBV10	3839	6638	0.19%	0.021%
31	16.551	2285	2289	2294	rVB8	4238	6007	0.17%	0.019%
32	16.904	2344	2349	2351	rBV6	4290	6948	0.20%	0.022%
33	17.063	2372	2376	2380	rBV5	7617	12000	0.35%	0.038%
34	17.127	2380	2387	2397	rVV	1022236	1636948	47.27%	5.152%
35	17.233	2399	2405	2419	rVV2	1859920	2833705	81.83%	8.918%
36	17.345	2419	2424	2427	rVB7	3894	7785	0.22%	0.025%

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Sample : P2279-01
Misc :
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Instrument :
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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_P\Methods\SFAM-EPA-BP050124.MA.M
Title : SVOA CALIBRATION

37	17.580	2458	2464	2471	rBV7	9810	24752	0.71%	0.078%
38	17.963	2526	2529	2534	rBV7	3171	5236	0.15%	0.016%
39	18.086	2545	2550	2561	rBV	219641	360692	10.42%	1.135%
40	18.545	2623	2628	2632	rBV4	13502	20906	0.60%	0.066%
41	18.874	2681	2684	2687	rBV5	2925	5174	0.15%	0.016%
42	19.016	2705	2708	2713	rBV6	7711	11321	0.33%	0.036%
43	19.180	2732	2736	2743	rVB4	25621	37829	1.09%	0.119%
44	19.257	2745	2749	2753	rVV	18766	29050	0.84%	0.091%
45	19.316	2757	2759	2762	rVB4	6864	6521	0.19%	0.021%
46	19.433	2774	2779	2789	rBV	235396	395611	11.42%	1.245%
47	19.639	2805	2814	2824	rBV	2215279	3462864	100.00%	10.898%
48	21.315	3095	3099	3112	rVB4	78497	176443	5.10%	0.555%
49	21.621	3145	3151	3160	rBV2	1035574	1750241	50.54%	5.508%
50	24.733	3671	3680	3694	rVB2	942887	2818589	81.39%	8.871%
51	24.980	3711	3722	3734	rVB2	508456	1548887	44.73%	4.875%

Sum of corrected areas: 31774386

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Instrument :
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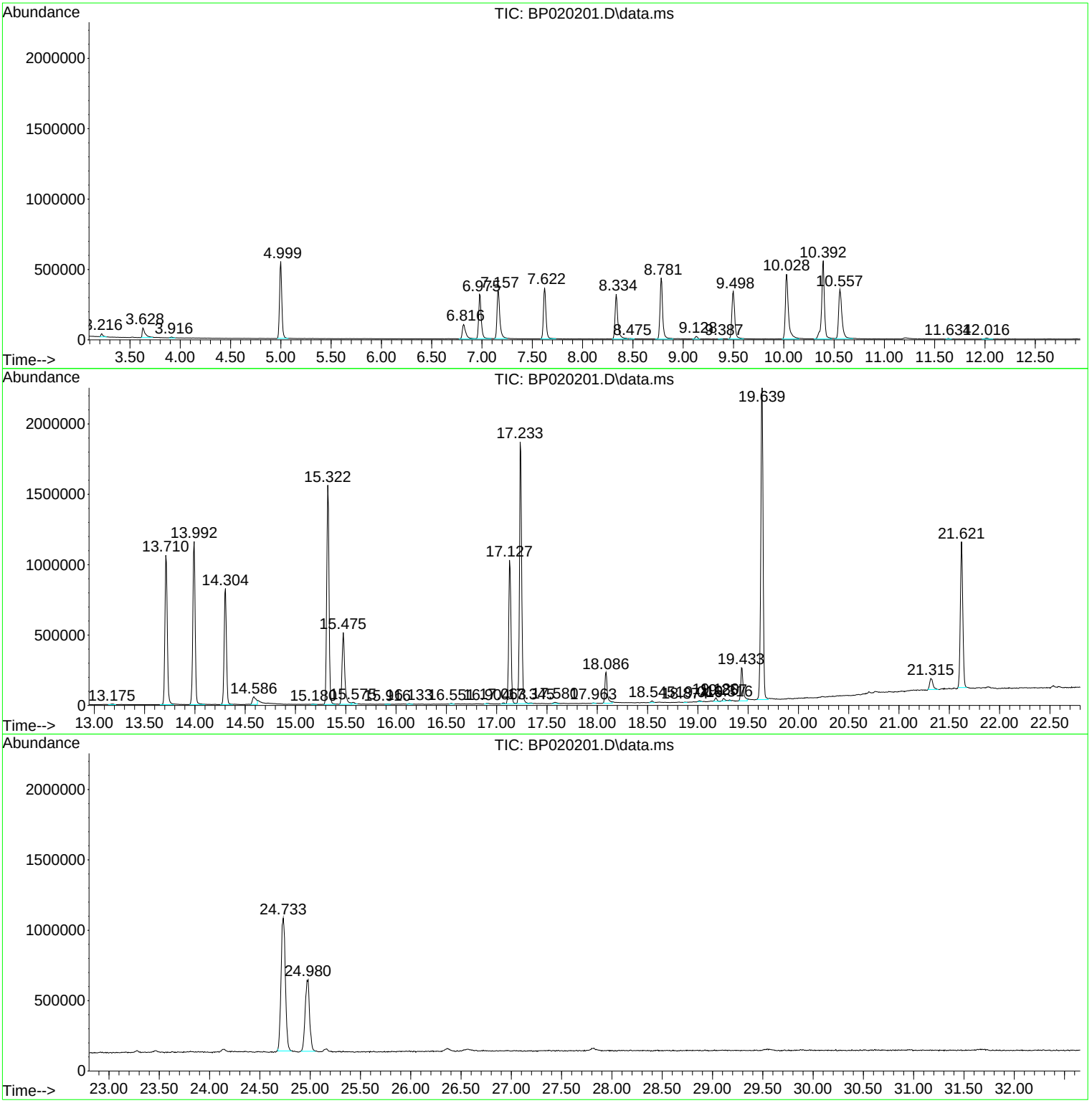
ClientSampleId :
C0RQ4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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



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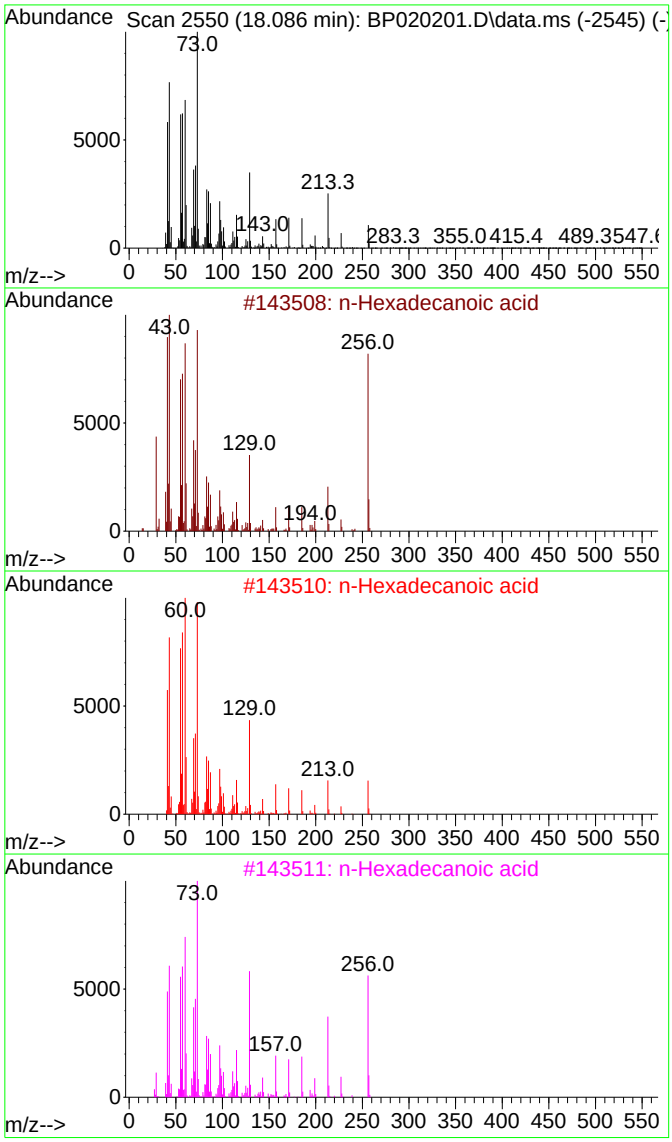
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

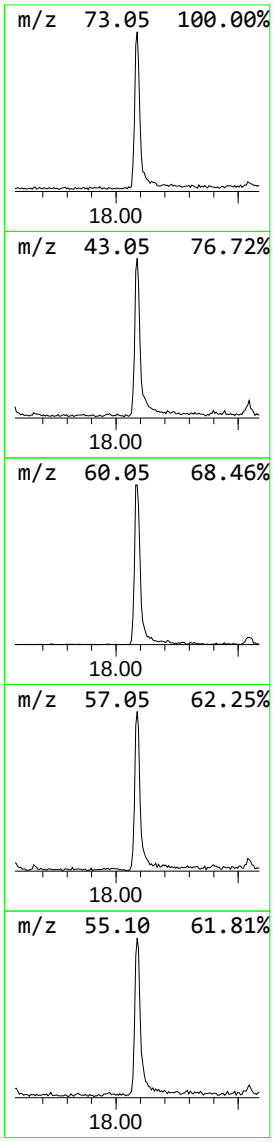
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	4.41 ng/ul	360692	Phenanthrene-d10	17.127

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ4

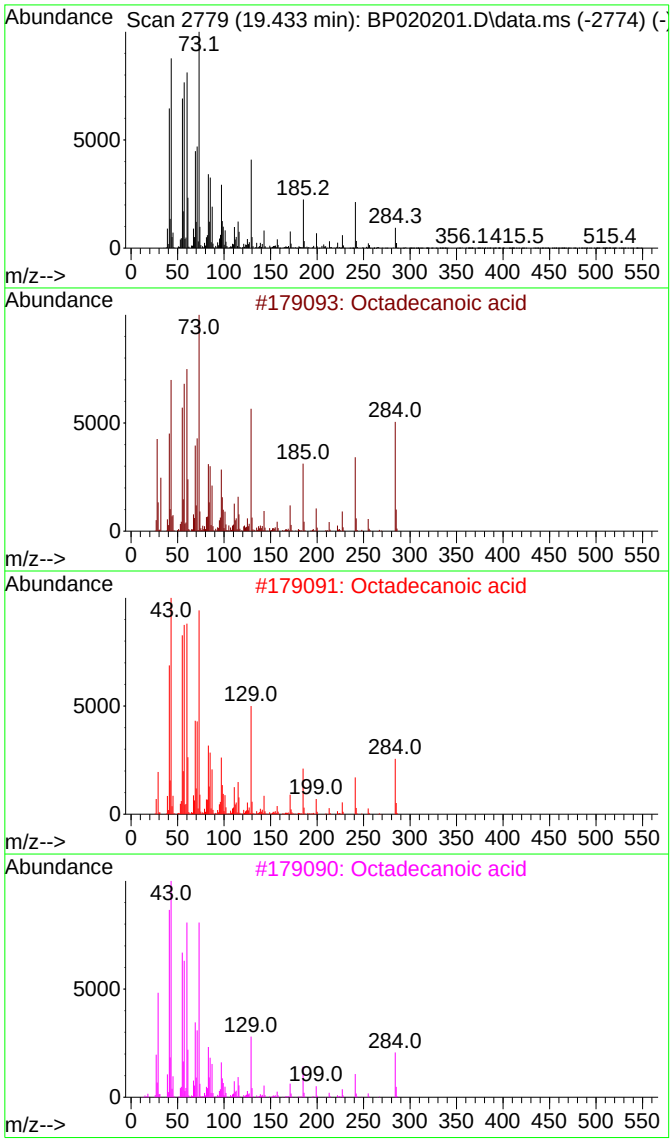
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

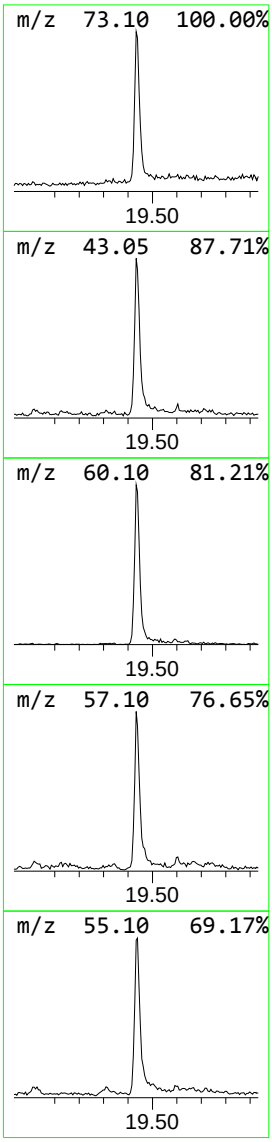
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	4.52 ng/ul	395611	Chrysene-d12	21.621

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	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0RQ4

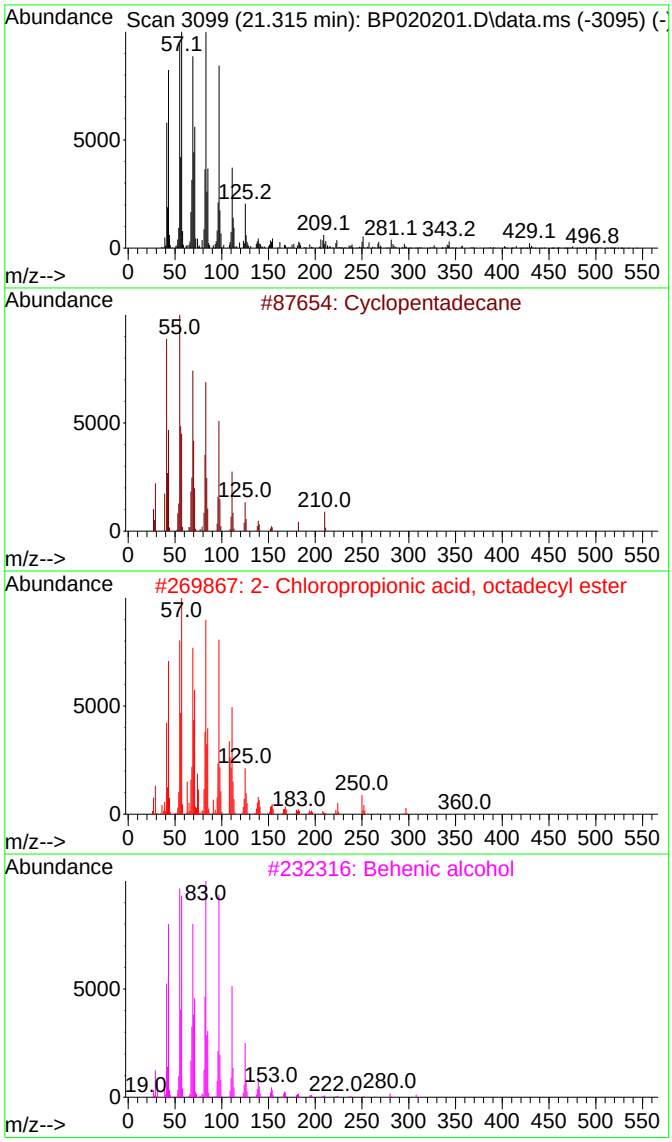
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

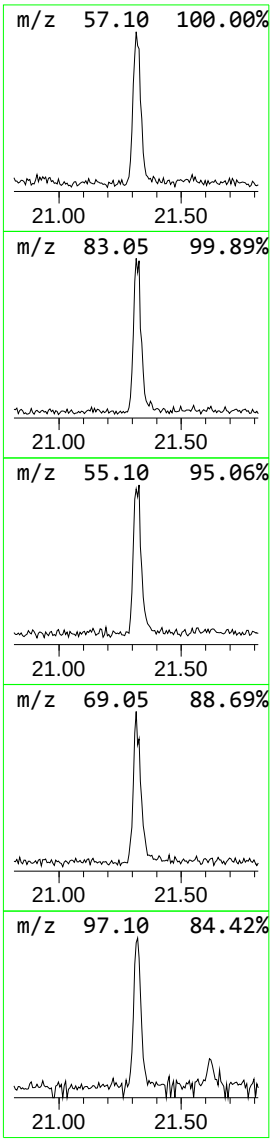
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.315 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.315	2.02 ng/ul	176443	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.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
n-Hexadecanoic ...	18.086	4.4	ng/ul	360692	4	17.127	1636950	20.0
Octadecanoic acid	19.433	4.5	ng/ul	395611	5	21.621	1750240	20.0
(DEL) Alkane: C...	21.315	2.0	ng/ul	176443	5	21.621	1750240	20.0