LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100824\
Data File : BP022270.D
Acq On : 08 Oct 2024 14:04
Operator : RC/JU
Sample : P4162-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4EJ7

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	37	40	45	rVB	17329	21450	0.69%	0.073%
2	3.640	107	111	125	rBV	205208	311507	10.08%	1.059%
3	3.958	162	165	172	rVB3	6478	9588	0.31%	0.033%
4	4.328	224	228	233	rVB8	2206	3973	0.13%	0.014%
5	4.858	314	318	324	rBV3	3980	7077	0.23%	0.024%
6	5.993	503	511	515	rBV8	3256	6307	0.20%	0.021%
7	6.887	652	663	674	rBV	305523	493293	15.97%	1.677%
8	7.046	681	690	701	rBV	219809	361105	11.69%	1.228%
9	7.246	716	724	733	rBV	296011	477589	15.46%	1.624%
10	7.705	793	802	810	rBV	398633	659478	21.35%	2.242%
11	7.775	810	814	817	rVB6	3157	5470	0.18%	0.019%
12	8.399	913	920	932	rBV	388960	629407	20.37%	2.140%
13	8.840	986	995	1005	rBV	273888	490700	15.88%	1.668%
14	9.258	1056	1066	1070	rBV6	3547	7693	0.25%	0.026%
15	9.393	1083	1089	1099	rBV2	26156	40730	1.32%	0.138%
16	9.552	1106	1116	1126	rBV	242695	423107	13.69%	1.439%
17	10.081	1198	1206	1222	rBV	389847	684850	22.17%	2.328%
18	10.457	1259	1270	1284	rBV	537187	925534	29.96%	3.147%
19	10.593	1284	1293	1309	rBV	366346	654844	21.20%	2.226%
20	10.999	1357	1362	1368	rBV9	6134	14712	0.48%	0.050%
21	11.263	1401	1407	1416	rBV9	1388	4444	0.14%	0.015%
22	12.040	1532	1539	1545	rBV2	7608	13857	0.45%	0.047%
23	13.122	1720	1723	1729	rVB7	2693	4227	0.14%	0.014%
24	13.722	1818	1825	1834	rBV	893345	1263446	40.89%	4.296%
25	13.993	1862	1871	1885	rBV2	773921	1331748	43.10%	4.528%
26	14.157	1892	1899	1904	rVB9	1958	3598	0.12%	0.012%
27	14.216	1904	1909	1913	rVB7	1841	3210	0.10%	0.011%
28	14.304	1915	1924	1935	rBV	813677	1438409	46.56%	4.891%
29	14.516	1952	1960	1977	rBV	259762	494416	16.00%	1.681%
30	14.751	1994	2000	2009	rVB10	8858	20298	0.66%	0.069%
31	15.128	2059	2064	2065	rBV5	2801	3529	0.11%	0.012%
32	15.316	2089	2096	2103	rBV	1290123	1790082	57.94%	6.086%
33	15.451	2111	2119	2134	rBV	374068	500202	16.19%	1.701%
34	15.575	2134	2140	2146	rVB4	12992	26322	0.85%	0.089%
35	15.693	2153	2160	2169	rBV	207984	335317	10.85%	1.140%
36	16.216	2240	2249	2253	rBV	5898	14614	0.47%	0.050%

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Misc :
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Instrument :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

37	16.316	2264	2266	2272	rVB2	7199	9584	0.31%	0.033%
38	16.463	2289	2291	2296	rBV6	1998	3532	0.11%	0.012%
39	16.504	2296	2298	2302	rVV4	3861	5227	0.17%	0.018%
40	16.628	2316	2319	2325	rVB8	5519	7802	0.25%	0.027%
41	16.981	2375	2379	2382	rBV5	8691	10485	0.34%	0.036%
42	17.010	2382	2384	2393	rVB8	8341	12586	0.41%	0.043%
43	17.104	2393	2400	2410	rBV	1392947	1923508	62.26%	6.540%
44	17.210	2411	2418	2427	rBV	1417524	2026407	65.59%	6.890%
45	17.292	2429	2432	2433	rBV2	10146	10016	0.32%	0.034%
46	17.581	2479	2481	2484	rBV4	5118	5240	0.17%	0.018%
47	17.716	2500	2504	2511	rVB7	11858	22716	0.74%	0.077%
48	18.045	2554	2560	2566	rBV	298925	435717	14.10%	1.481%
49	19.134	2742	2745	2750	rBV3	21302	30473	0.99%	0.104%
50	19.204	2753	2757	2759	rBV	23013	29893	0.97%	0.102%
51	19.375	2781	2786	2796	rBV2	65143	121743	3.94%	0.414%
52	19.581	2816	2821	2830	rBV2	1891329	2589816	83.83%	8.805%
53	21.210	3094	3098	3109	rVB	186273	316027	10.23%	1.074%
54	21.545	3149	3155	3166	rBV2	1463224	2467850	79.88%	8.391%
55	24.610	3667	3676	3689	rVB	1248439	3089547	100.00%	10.504%
56	24.833	3705	3714	3726	rVB	1169869	2817911	91.21%	9.581%

Sum of corrected areas: 29412213

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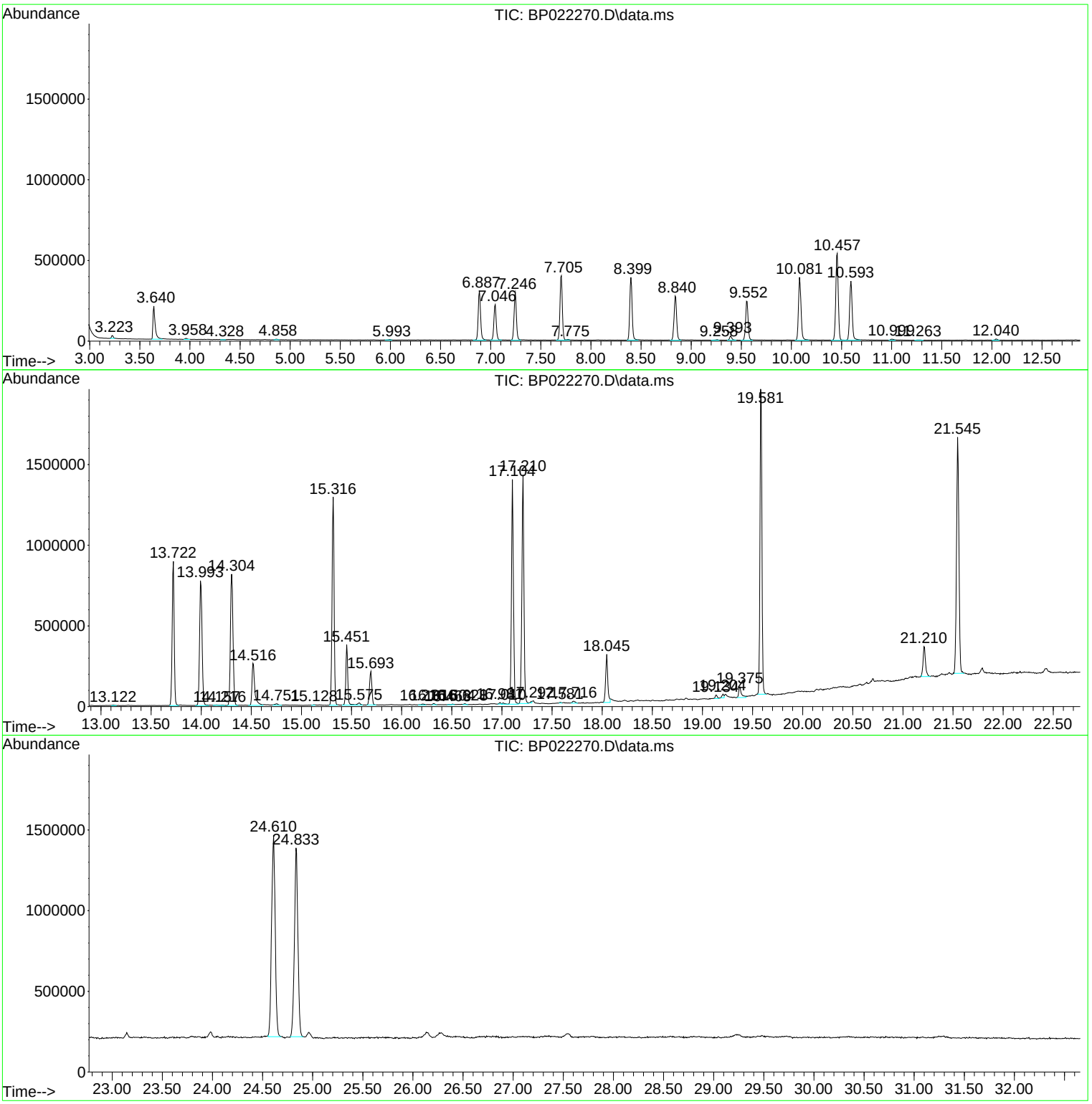
Instrument :
BNA_P
ClientSampleId :
A4EJ7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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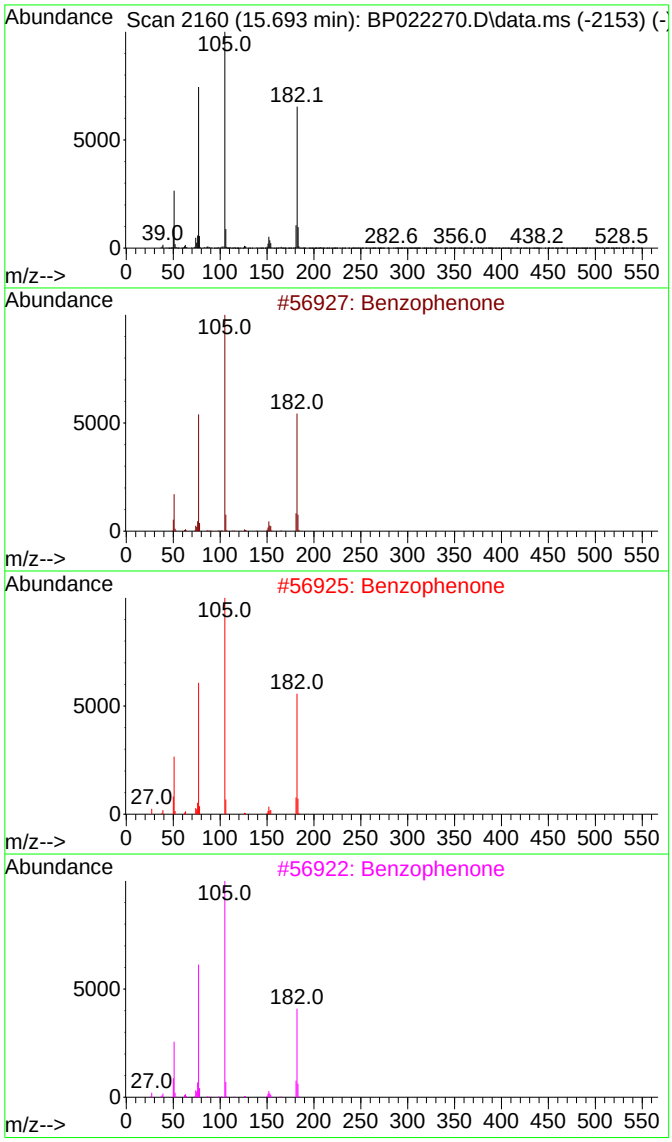
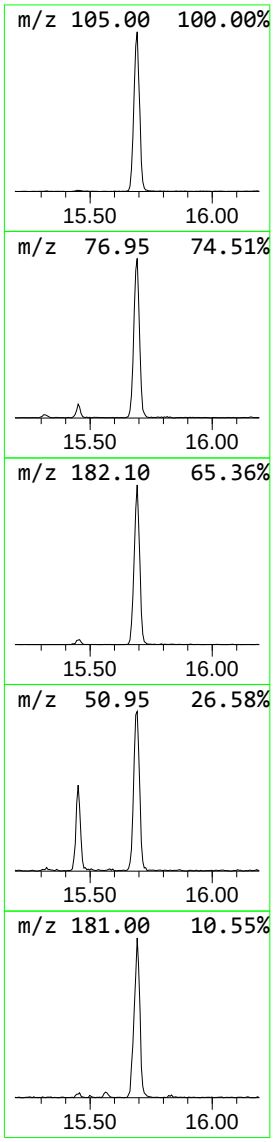
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.693	4.66 ng/ul	335317	Acenaphthene-d10	14.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	72





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ7

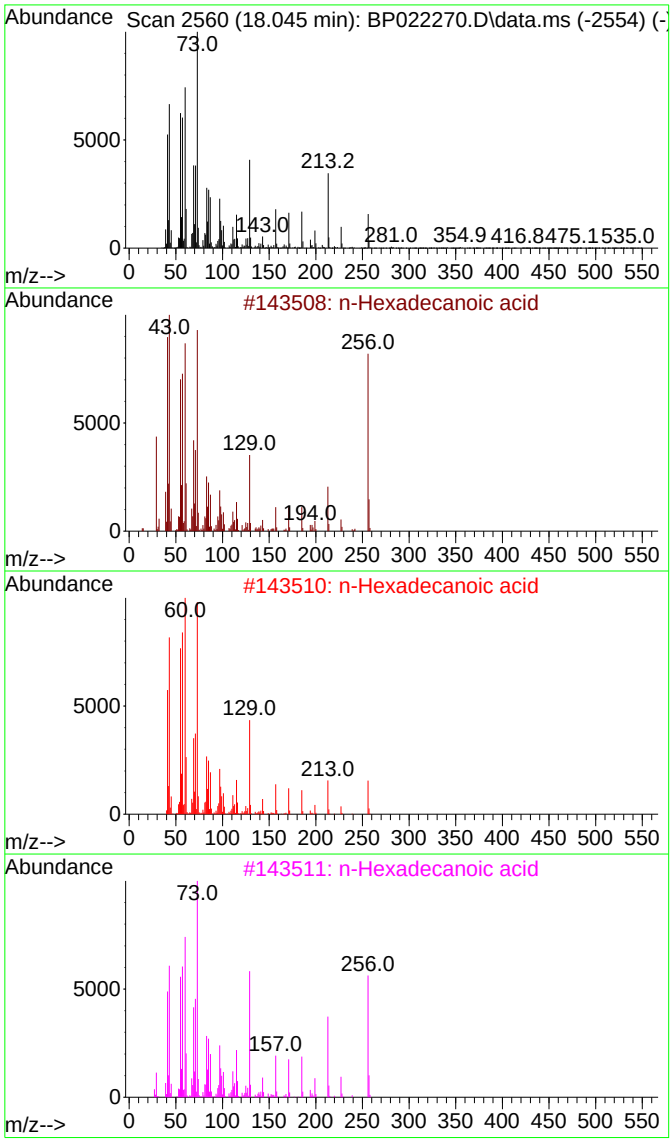
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

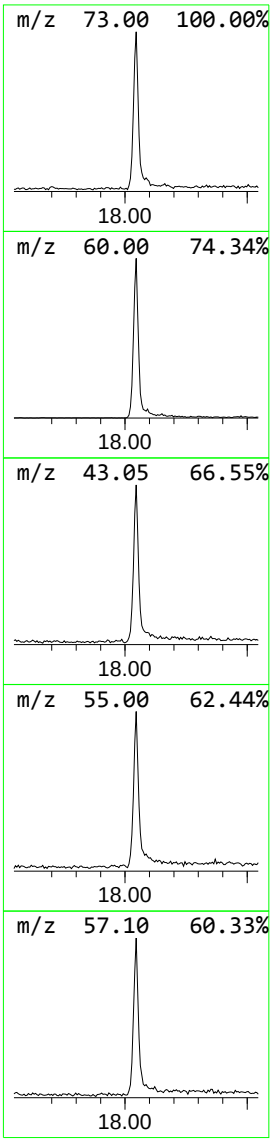
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	4.53 ng/ul	435717	Phenanthrene-d10	17.104

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	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Sample : P4162-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ7

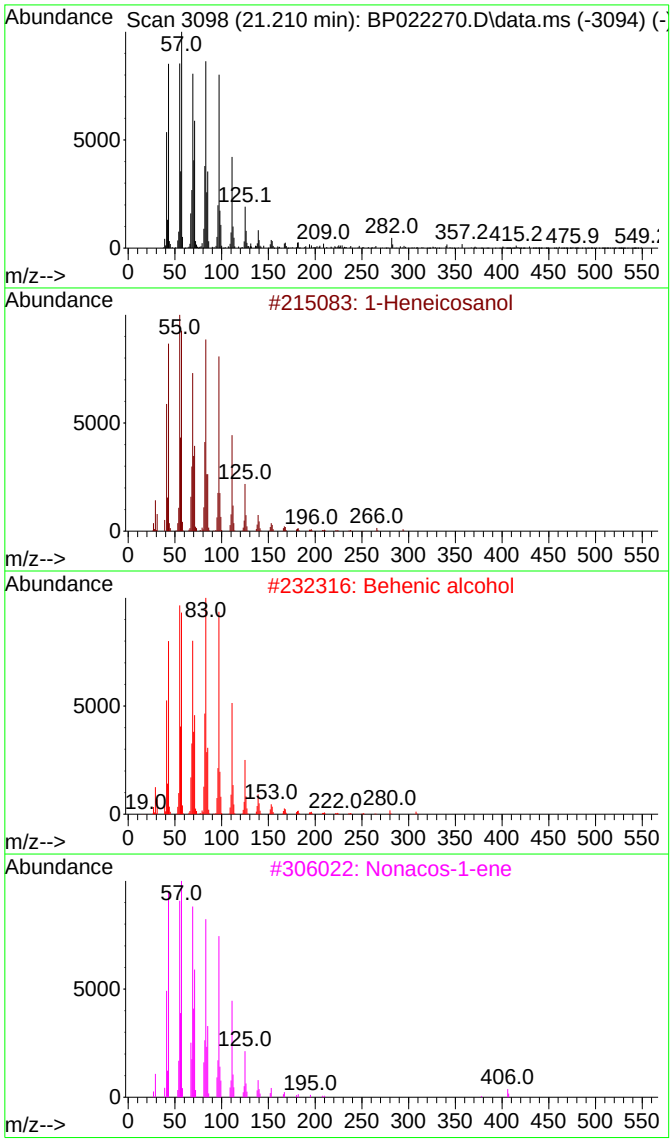
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

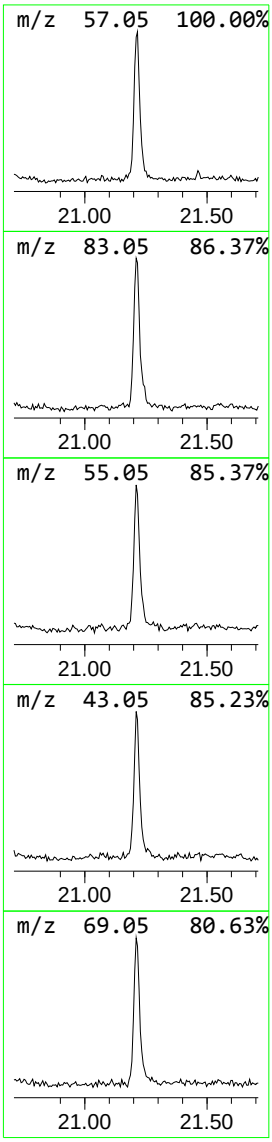
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	2.56 ng/ul	316027	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Nonacos-1-ene	406	C29H58	018835-35-3	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Benzophenone	15.693	4.7	ng/ul	335317	3	14.304	1438410	20.0
n-Hexadecanoic ...	18.045	4.5	ng/ul	435717	4	17.104	1923510	20.0
1-Heneicosanol	21.210	2.6	ng/ul	316027	5	21.545	2467850	20.0