LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016621.D
Acq On : 17 Aug 2023 02:03
Operator : MA/JU
Sample : 03967-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A48M5

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016621.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	14	18	32	rVB	80361	128682	1.54%	0.139%
2	3.828	89	92	112	rBV	826764	1416211	16.93%	1.531%
3	4.151	144	147	155	rVB	18655	30268	0.36%	0.033%
4	5.675	402	406	409	rVB5	8174	11530	0.14%	0.012%
5	7.192	657	664	677	rBV	1119729	1810975	21.65%	1.958%
6	7.387	691	697	705	rBV	947948	1495218	17.88%	1.617%
7	7.569	720	728	736	rBV	1070558	1737811	20.78%	1.879%
8	7.640	736	740	750	rVB	70909	127141	1.52%	0.137%
9	8.051	803	810	824	rBV	1180089	1952188	23.34%	2.111%
10	8.751	922	929	939	rBV	1443506	2379937	28.46%	2.573%
11	9.251	1005	1014	1029	rBV	1117495	1900501	22.72%	2.055%
12	9.486	1048	1054	1062	rVB8	5848	13809	0.17%	0.015%
13	9.963	1128	1135	1143	rBV	893623	1489224	17.81%	1.610%
14	10.139	1160	1165	1170	rVB10	6744	12607	0.15%	0.014%
15	10.486	1217	1224	1233	rBV	1372517	2333711	27.90%	2.523%
16	10.886	1283	1292	1300	rBV	1880383	3171566	37.92%	3.429%
17	11.039	1309	1318	1336	rBV	1527677	2611650	31.23%	2.824%
18	11.633	1413	1419	1424	rBV10	6635	13678	0.16%	0.015%
19	11.910	1458	1466	1467	rBV8	5507	12302	0.15%	0.013%
20	12.463	1552	1560	1567	rVB2	25807	45755	0.55%	0.049%
21	13.027	1652	1656	1662	rBV9	5674	11496	0.14%	0.012%
22	13.551	1737	1745	1752	rBV	121831	193734	2.32%	0.209%
23	13.886	1798	1802	1807	rVB3	22906	32903	0.39%	0.036%
24	13.986	1815	1819	1824	rBV8	8455	15417	0.18%	0.017%
25	14.110	1834	1840	1855	rBV	2744023	3860744	46.16%	4.174%
26	14.404	1883	1890	1901	rBV	3043820	4688275	56.06%	5.069%
27	14.704	1933	1941	1948	rBV	3095094	4518866	54.03%	4.886%
28	14.763	1948	1951	1956	rVB4	20807	35834	0.43%	0.039%
29	14.898	1967	1974	1995	rBV	1246064	2040723	24.40%	2.206%
30	15.074	2002	2004	2007	rBV4	8172	11746	0.14%	0.013%
31	15.451	2063	2068	2070	rBV4	6977	9438	0.11%	0.010%
32	15.698	2102	2110	2117	rBV	4193317	5918493	70.77%	6.399%
33	15.751	2117	2119	2124	rVV2	38648	60750	0.73%	0.066%
34	15.810	2124	2129	2144	rVV	918017	1362778	16.29%	1.473%
35	15.933	2147	2150	2156	rVB6	17614	29264	0.35%	0.032%
36	16.039	2165	2168	2173	rVB7	6536	9284	0.11%	0.010%

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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
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Title : SVOA CALIBRATION

37	16.710	2277	2282	2283	rBV5	6326	8993	0.11%	0.010%
38	17.468	2404	2411	2416	rBV	4156255	5835193	69.77%	6.309%
39	17.510	2416	2418	2422	rVV	127881	156299	1.87%	0.169%
40	17.568	2422	2428	2438	rVV	4766132	6658886	79.62%	7.199%
41	17.645	2438	2441	2447	rVB6	31874	49167	0.59%	0.053%
42	18.086	2512	2516	2520	rBV	140456	162237	1.94%	0.175%
43	18.186	2530	2533	2535	rBV5	17630	18643	0.22%	0.020%
44	18.304	2549	2553	2562	rBV	551652	958039	11.46%	1.036%
45	19.368	2731	2734	2739	rBV2	58950	75053	0.90%	0.081%
46	19.468	2748	2751	2758	rVB	143049	176058	2.11%	0.190%
47	19.539	2759	2763	2773	rBV2	229080	373995	4.47%	0.404%
48	19.798	2801	2807	2817	rBV	6372887	8253342	98.69%	8.923%
49	21.215	3044	3048	3057	rBV	1074960	1723448	20.61%	1.863%
50	21.562	3102	3107	3112	rBV	4957707	6431173	76.90%	6.953%
51	22.180	3208	3212	3221	rBV2	505099	968111	11.58%	1.047%
52	23.974	3509	3517	3529	rVB2	3897612	8363239	100.00%	9.042%
53	24.145	3539	3546	3563	rVB	3079709	6785541	81.14%	7.336%

Sum of corrected areas: 92491926

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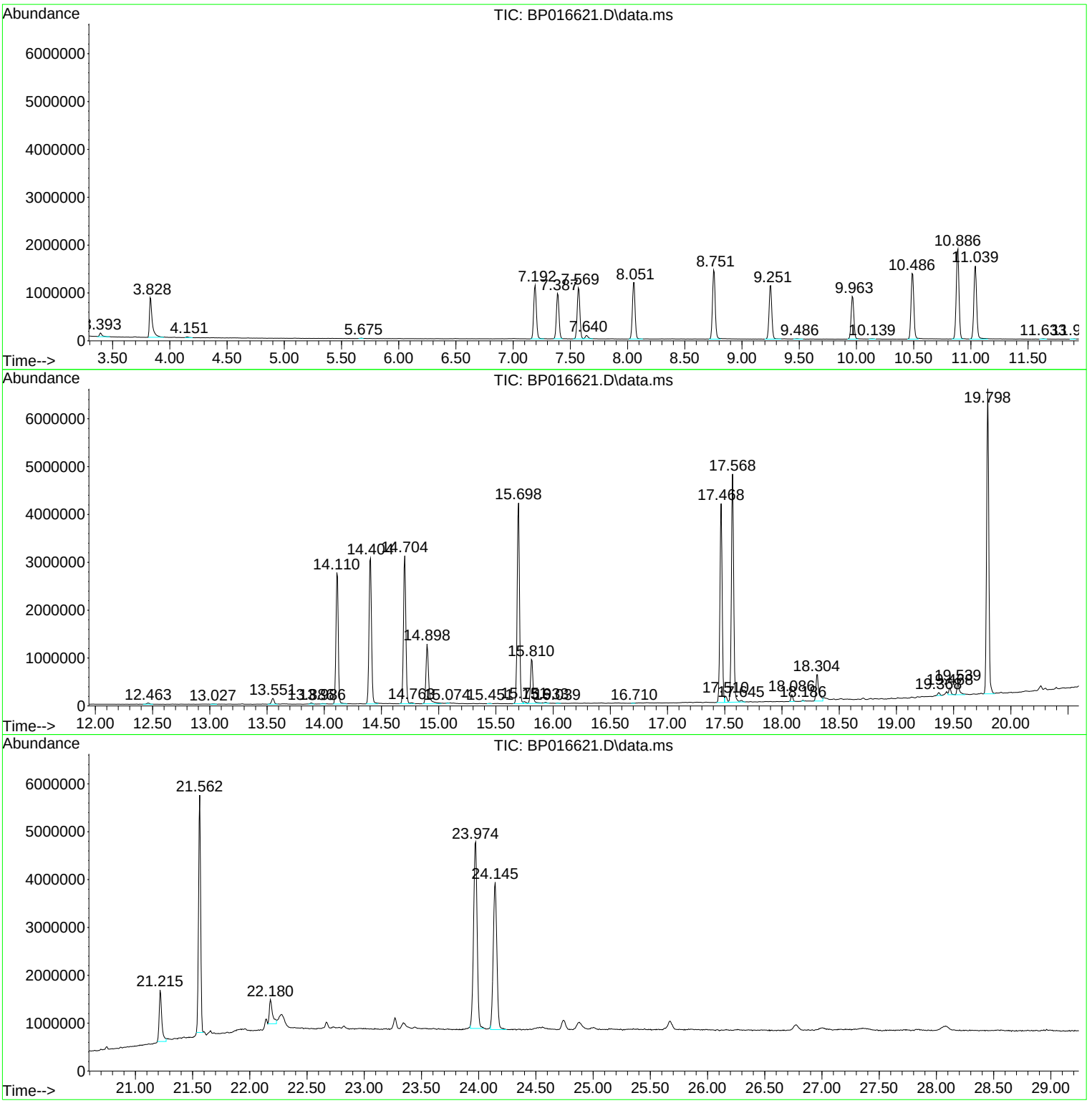
ClientSampleId :
A48M5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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



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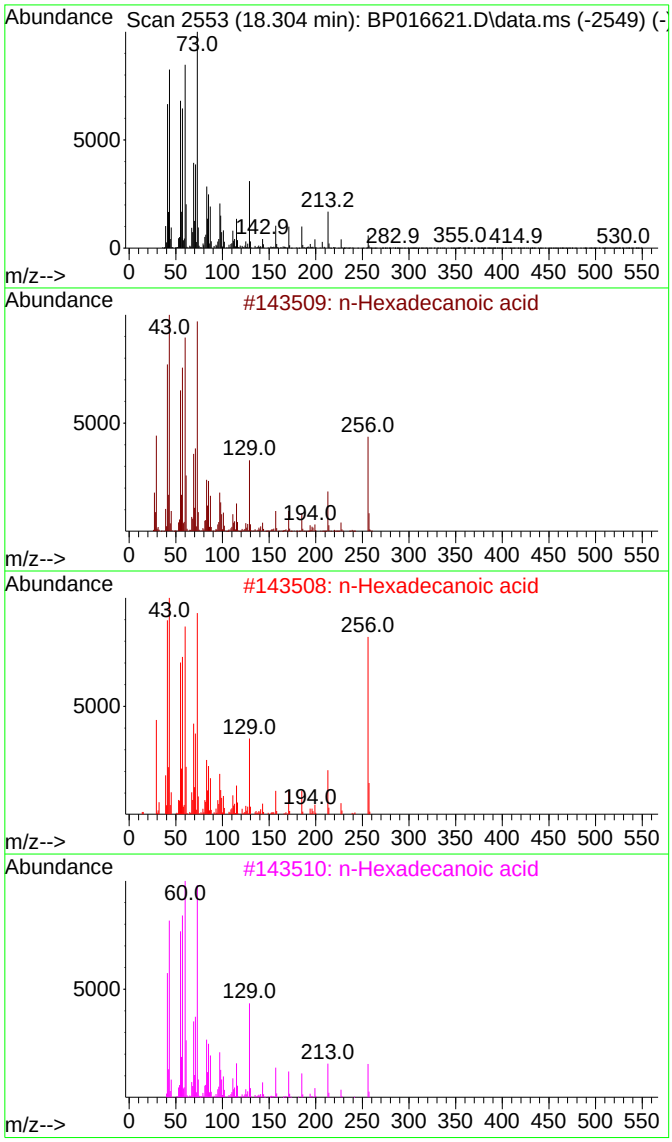
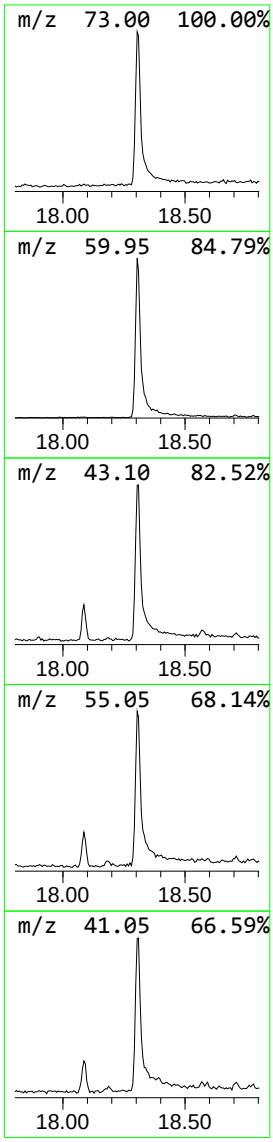
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.28 ng/ul	958039	Phenanthrene-d10	17.468

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	Octadecanoic acid	284	C18H36O2	000057-11-4	91





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Instrument :
BNA_P
ClientSampleId :
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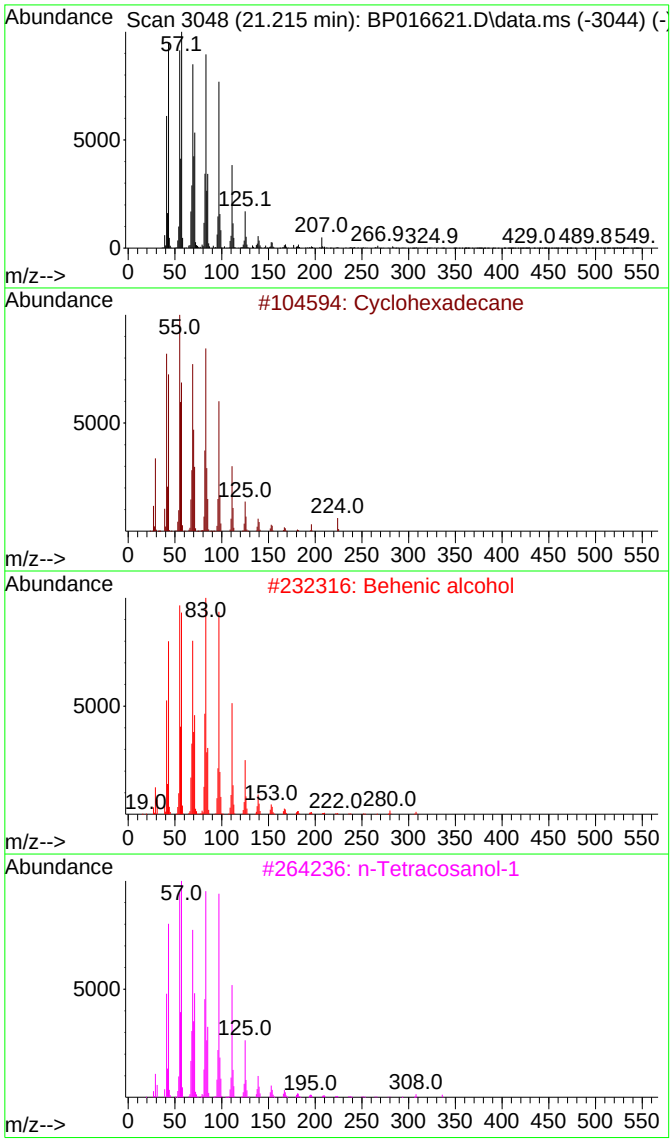
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

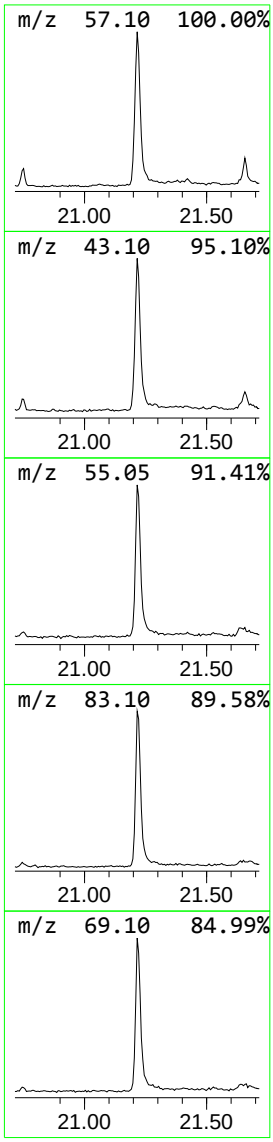
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic21.215 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.215	5.36 ng/ul	1723450	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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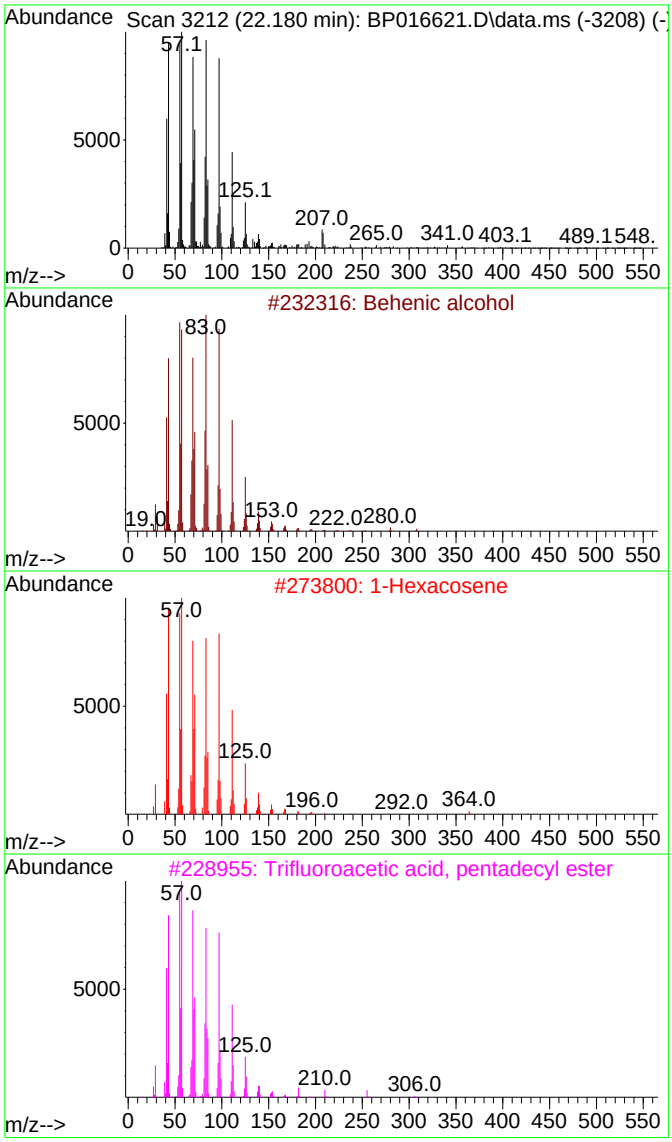
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

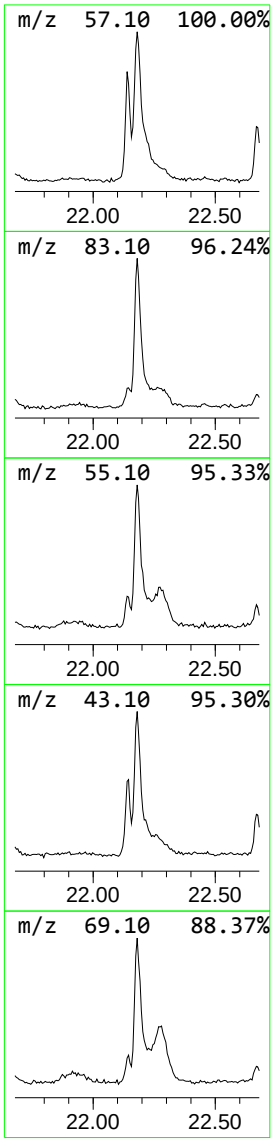
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	3.01 ng/ul	968111	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Heptacos-1-ene	378	C27H54	015306-27-1	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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 ...	18.304	3.3	ng/ul	958039	4	17.468	5835190	20.0
(DEL) Alkane: C...	21.215	5.4	ng/ul	1723450	5	21.562	6431170	20.0
Behenic alcohol	22.180	3.0	ng/ul	968111	5	21.562	6431170	20.0