LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020988.D
Acq On : 16 Jul 2024 12:54
Operator : MA/JU
Sample : P3177-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BS2

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020988.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	40	44	50	rVB	34534	43503	1.15%	0.098%
2	3.522	87	91	103	rBV	82202	123527	3.27%	0.279%
3	3.658	111	114	135	rBV	414445	614867	16.30%	1.387%
4	3.964	162	166	171	rVB	19609	26467	0.70%	0.060%
5	4.858	314	318	324	rVB2	8817	15803	0.42%	0.036%
6	5.834	479	484	490	rVB8	3491	5459	0.14%	0.012%
7	6.893	658	664	677	rBV	610468	1026880	27.22%	2.316%
8	7.034	681	688	700	rVB	504994	789832	20.94%	1.782%
9	7.240	716	723	734	rBV	660148	1089543	28.88%	2.458%
10	7.328	734	738	749	rVB	14670	35561	0.94%	0.080%
11	7.687	791	799	809	rBV	884805	1415289	37.52%	3.193%
12	8.404	913	921	937	rBV	751085	1341195	35.55%	3.025%
13	8.510	937	939	943	rVB5	3570	4232	0.11%	0.010%
14	8.840	986	995	1012	rBV	537166	1032636	27.37%	2.329%
15	8.981	1016	1019	1024	rVB7	3583	6393	0.17%	0.014%
16	9.193	1049	1055	1058	rBV8	3873	5794	0.15%	0.013%
17	9.393	1083	1089	1096	rBV	37749	76465	2.03%	0.172%
18	9.546	1107	1115	1130	rBV	531984	903311	23.95%	2.038%
19	10.093	1201	1208	1227	rBV	662834	1364390	36.17%	3.078%
20	10.457	1261	1270	1282	rBV	1215738	2004738	53.14%	4.522%
21	10.598	1287	1294	1311	rVV	596160	1294064	34.30%	2.919%
22	10.728	1314	1316	1327	rVB	5695	12528	0.33%	0.028%
23	10.998	1353	1362	1368	rBV9	11894	34080	0.90%	0.077%
24	11.204	1390	1397	1411	rBV	110637	286591	7.60%	0.646%
25	12.045	1535	1540	1548	rVB4	11852	23172	0.61%	0.052%
26	12.251	1572	1575	1580	rBV7	2150	3882	0.10%	0.009%
27	13.187	1730	1734	1740	rVB9	2730	5693	0.15%	0.013%
28	13.263	1744	1747	1756	rVB10	3347	6096	0.16%	0.014%
29	13.716	1815	1824	1840	rBV	1274388	1933830	51.26%	4.362%
30	13.963	1858	1866	1867	rBV7	8761	12305	0.33%	0.028%
31	14.004	1867	1873	1885	rVB2	1579353	2261339	59.94%	5.101%
32	14.316	1918	1926	1934	rBV	1709451	2389827	63.35%	5.391%
33	14.539	1956	1964	1967	rBV3	60400	134500	3.57%	0.303%
34	14.592	1967	1973	1985	rVV	169689	479390	12.71%	1.081%
35	15.104	2058	2060	2065	rVB5	3964	4936	0.13%	0.011%
36	15.163	2067	2070	2074	rVB5	4803	6337	0.17%	0.014%

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Instrument :
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Integration Parameters: LSCINT.P
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	15.328	2091	2098	2115	rBV	1867011	2703604	71.67%	6.099%
38	15.469	2116	2122	2135	rVV	322798	608572	16.13%	1.373%
39	15.575	2137	2140	2148	rVB6	12741	24226	0.64%	0.055%
40	15.751	2168	2170	2175	rBV6	3107	5258	0.14%	0.012%
41	16.057	2218	2222	2223	rBV3	9859	10544	0.28%	0.024%
42	17.133	2398	2405	2411	rBV	1674364	2511457	66.57%	5.665%
43	17.228	2415	2421	2432	rVV	1894994	2640205	69.99%	5.956%
44	17.339	2438	2440	2445	rVB5	10598	12771	0.34%	0.029%
45	18.045	2556	2560	2572	rBV	156904	318172	8.43%	0.718%
46	18.833	2692	2694	2700	rVB6	42054	57965	1.54%	0.131%
47	19.233	2759	2762	2764	rBV2	40914	53436	1.42%	0.121%
48	19.386	2786	2788	2796	rVB3	61584	88337	2.34%	0.199%
49	19.616	2821	2827	2836	rBV	2248269	3541982	93.89%	7.990%
50	19.957	2880	2885	2888	rBV6	96928	176962	4.69%	0.399%
51	19.986	2888	2890	2891	rBV2	69863	61404	1.63%	0.139%
52	21.221	3097	3100	3110	rVB3	314034	546014	14.47%	1.232%
53	21.568	3153	3159	3170	rVB	1831002	3129653	82.96%	7.060%
54	24.639	3673	3681	3693	rBV2	1352351	3772438	100.00%	8.510%
55	24.868	3712	3720	3729	rBV	1376944	3253178	86.24%	7.338%

Sum of corrected areas: 44330633

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Instrument :
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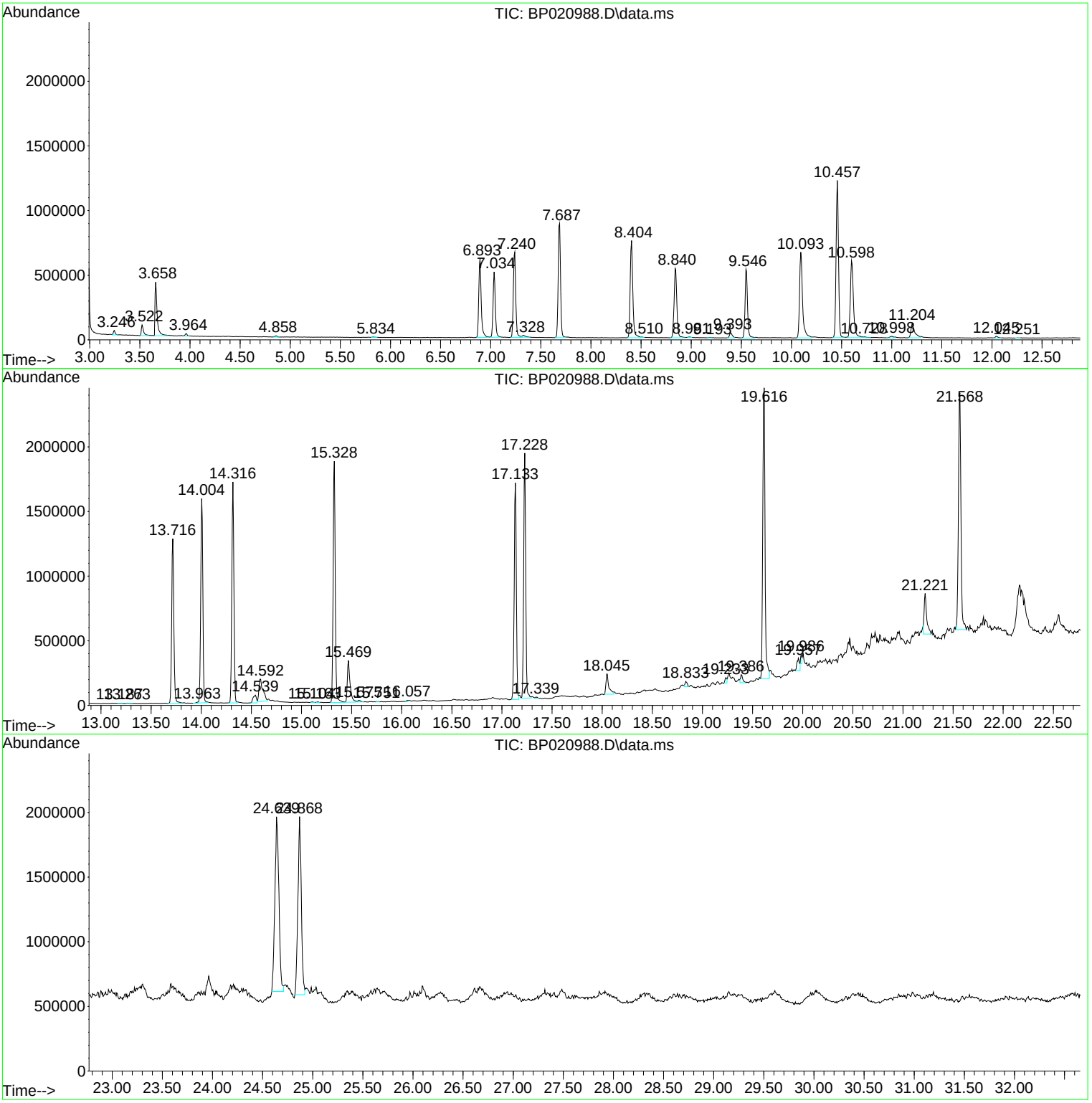
ClientSampleId :
A4BS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



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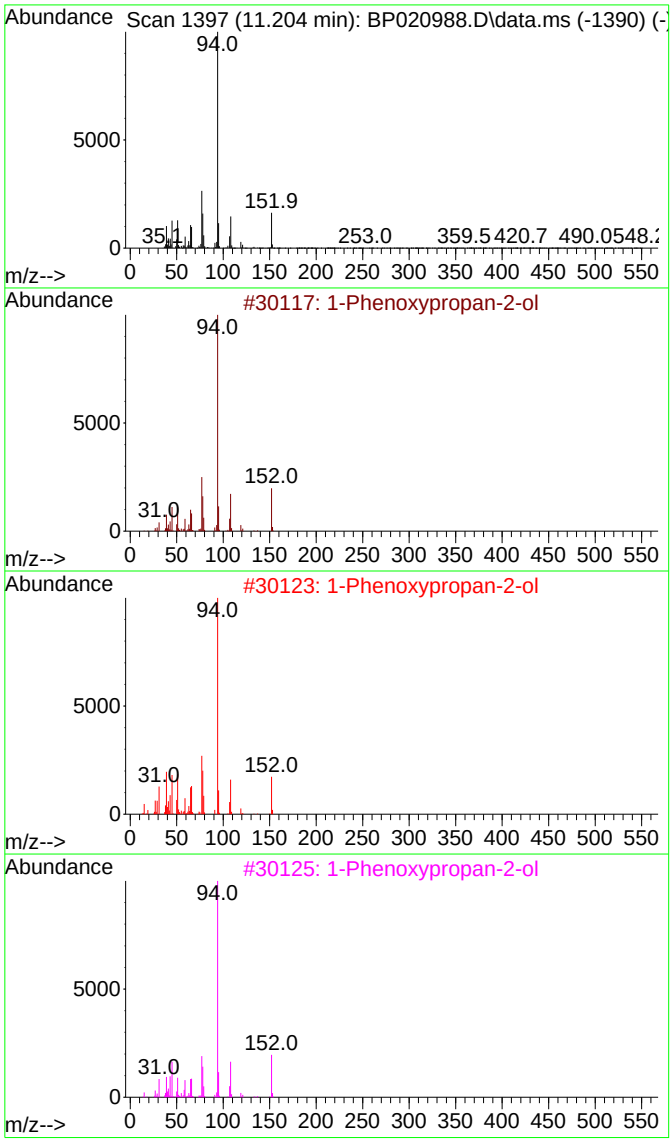
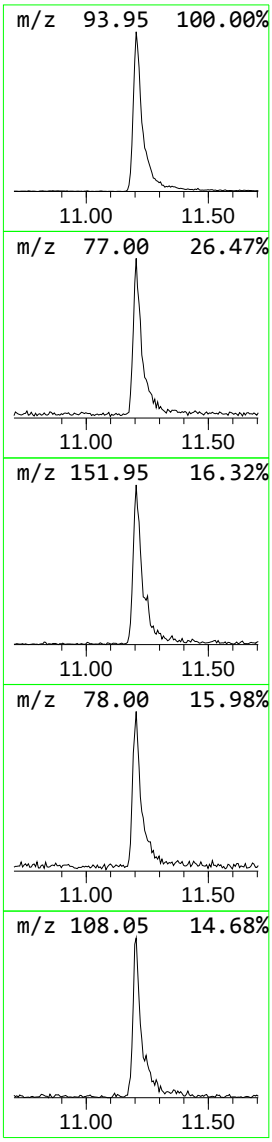
****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.86 ng/ul	286591	Naphthalene-d8	10.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87





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Sample : P3177-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BS2

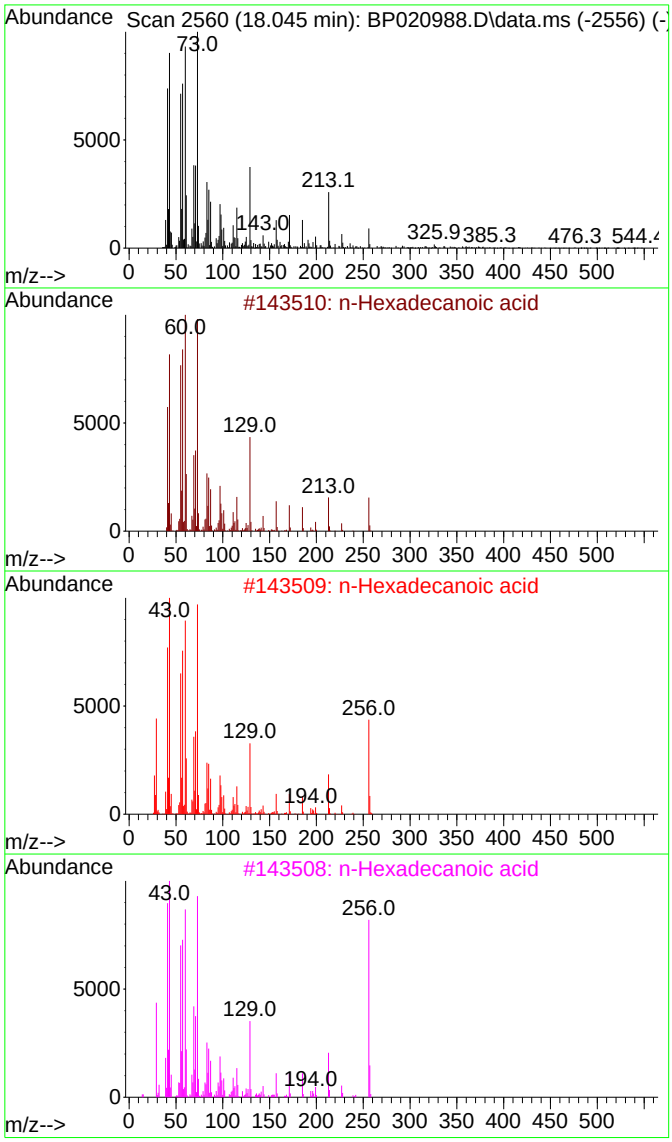
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

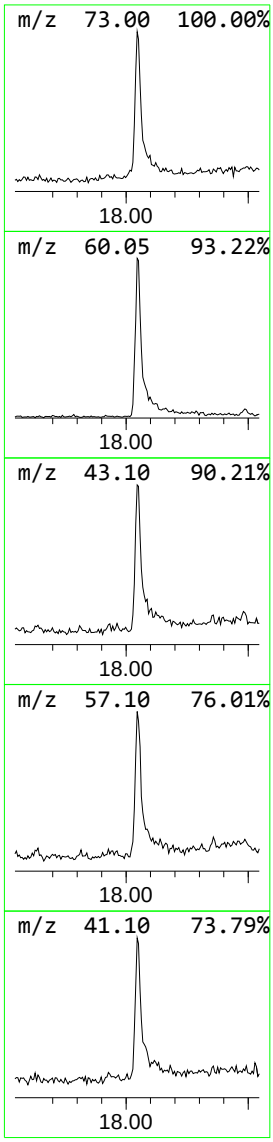
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.53 ng/ul	318172	Phenanthrene-d10	17.133

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	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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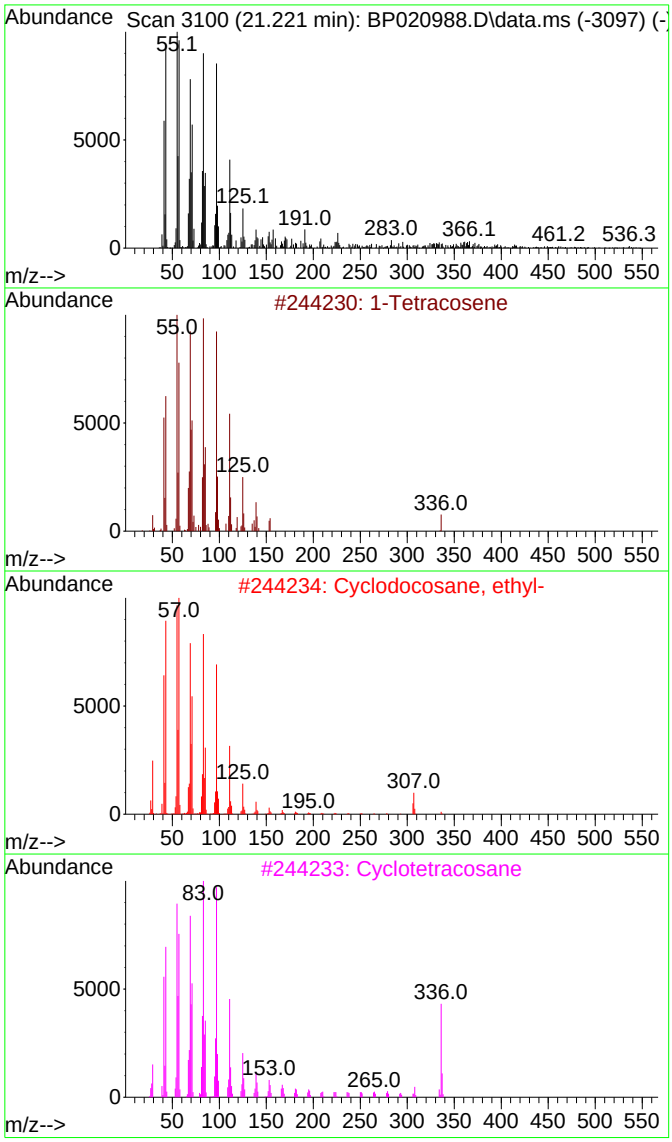
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

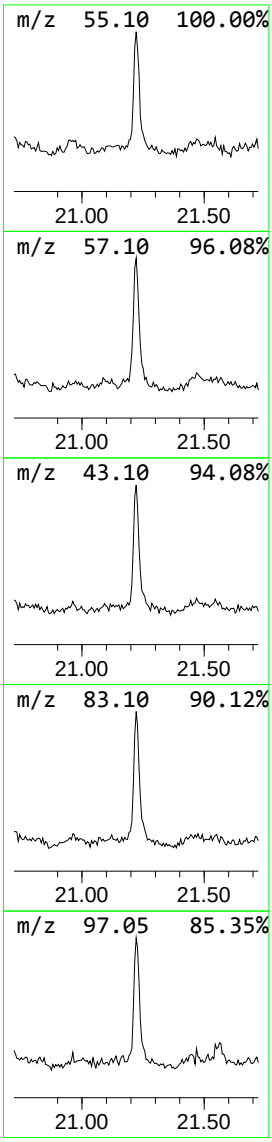
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	3.49 ng/ul	546014	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	97
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
5	1-Tricosene	322	C23H46	018835-32-0	95





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
1-Phenoxypropan...	11.204	2.9	ng/ul	286591	2	10.457	2004740	20.0
n-Hexadecanoic ...	18.045	2.5	ng/ul	318172	4	17.133	2511460	20.0
(DEL) Alkane: S...	21.221	3.5	ng/ul	546014	5	21.569	3129650	20.0