LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016036.D
Acq On : 06 Jul 2023 16:08
Operator : MA/JU
Sample : 03258-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGW3

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016036.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	25	28	38	rVB	42744	70724	1.76%	0.177%
2	3.822	105	108	125	rBV	116106	284151	7.07%	0.710%
3	4.017	138	141	148	rVB5	11250	19852	0.49%	0.050%
4	7.105	661	666	670	rVB5	10721	17688	0.44%	0.044%
5	7.293	690	698	707	rBV3	43751	152530	3.79%	0.381%
6	7.375	707	712	739	rVV	185832	675115	16.79%	1.686%
7	7.605	743	751	776	rVV	177619	595357	14.81%	1.487%
8	8.046	818	826	847	rBV	339205	1122786	27.93%	2.805%
9	8.693	934	936	941	rBV6	3100	5002	0.12%	0.012%
10	8.822	951	958	982	rBV2	114924	535881	13.33%	1.339%
11	9.252	1024	1031	1054	rBV	269388	809196	20.13%	2.021%
12	9.552	1077	1082	1090	rVB3	11911	24531	0.61%	0.061%
13	9.987	1148	1156	1184	rBV2	146599	641001	15.94%	1.601%
14	10.581	1250	1257	1275	rBV2	143651	703774	17.50%	1.758%
15	10.869	1298	1306	1326	rVB	650005	1735947	43.18%	4.336%
16	11.069	1332	1340	1370	rBV	299317	1264752	31.46%	3.159%
17	12.040	1503	1505	1509	rVV5	3616	5016	0.12%	0.013%
18	12.522	1581	1587	1588	rBV5	6022	8630	0.21%	0.022%
19	13.293	1712	1718	1719	rBV6	4458	6616	0.16%	0.017%
20	13.575	1760	1766	1779	rVB4	19135	50456	1.25%	0.126%
21	14.022	1838	1842	1845	rBV6	4629	6959	0.17%	0.017%
22	14.110	1850	1857	1873	rBV	745245	1787417	44.46%	4.465%
23	14.387	1897	1904	1926	rBV	1095680	2012969	50.07%	5.028%
24	14.563	1932	1934	1942	rVB9	6264	11865	0.30%	0.030%
25	14.687	1948	1955	1977	rBV	1389224	2487730	61.87%	6.214%
26	15.139	2026	2032	2033	rBV6	15027	26241	0.65%	0.066%
27	15.469	2086	2088	2093	rVB6	6864	7588	0.19%	0.019%
28	15.522	2093	2097	2099	rVV5	7455	10393	0.26%	0.026%
29	15.698	2120	2127	2147	rBV	1179678	2604535	64.78%	6.506%
30	15.904	2156	2162	2184	rBV3	122225	547721	13.62%	1.368%
31	16.075	2185	2191	2208	rVB	252936	521467	12.97%	1.303%
32	16.369	2238	2241	2246	rBV7	6870	11134	0.28%	0.028%
33	16.857	2321	2324	2325	rBV3	7184	7035	0.17%	0.018%
34	16.945	2337	2339	2342	rVB4	4367	4734	0.12%	0.012%
35	17.451	2418	2425	2438	rBV	1710566	3010254	74.87%	7.519%
36	17.563	2438	2444	2469	rVB2	1143063	2981272	74.15%	7.447%

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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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Title : SVOA CALIBRATION

37	18.192	2547	2551	2553	rBV4	9219	14589	0.36%	0.036%
38	18.304	2565	2570	2582	rBV	256765	575600	14.32%	1.438%
39	19.363	2747	2750	2753	rBV4	22998	27884	0.69%	0.070%
40	19.533	2775	2779	2786	rBV3	99611	201816	5.02%	0.504%
41	19.786	2816	2822	2842	rBV2	1986415	4020634	100.00%	10.043%
42	21.233	3063	3068	3076	rBV	539761	1019295	25.35%	2.546%
43	21.551	3117	3122	3134	rBV	1600841	3351994	83.37%	8.373%
44	23.915	3518	3524	3545	rVB2	1292396	3404224	84.67%	8.503%
45	24.086	3547	3553	3564	rBV	964831	2649505	65.90%	6.618%

Sum of corrected areas: 40033860

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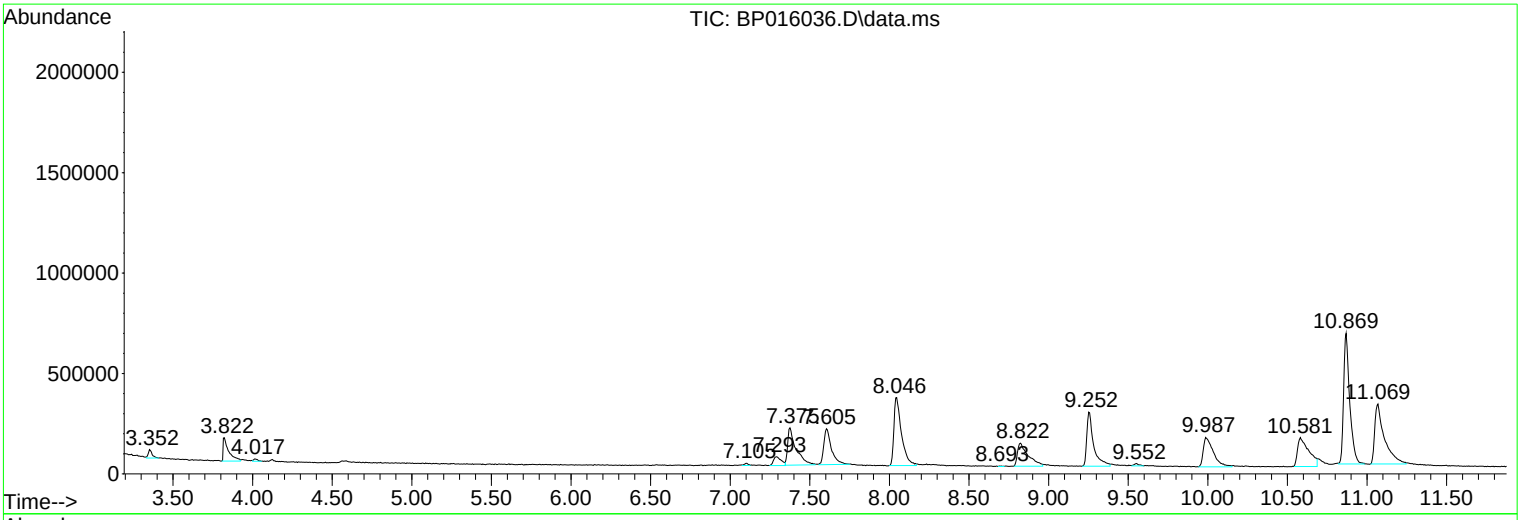
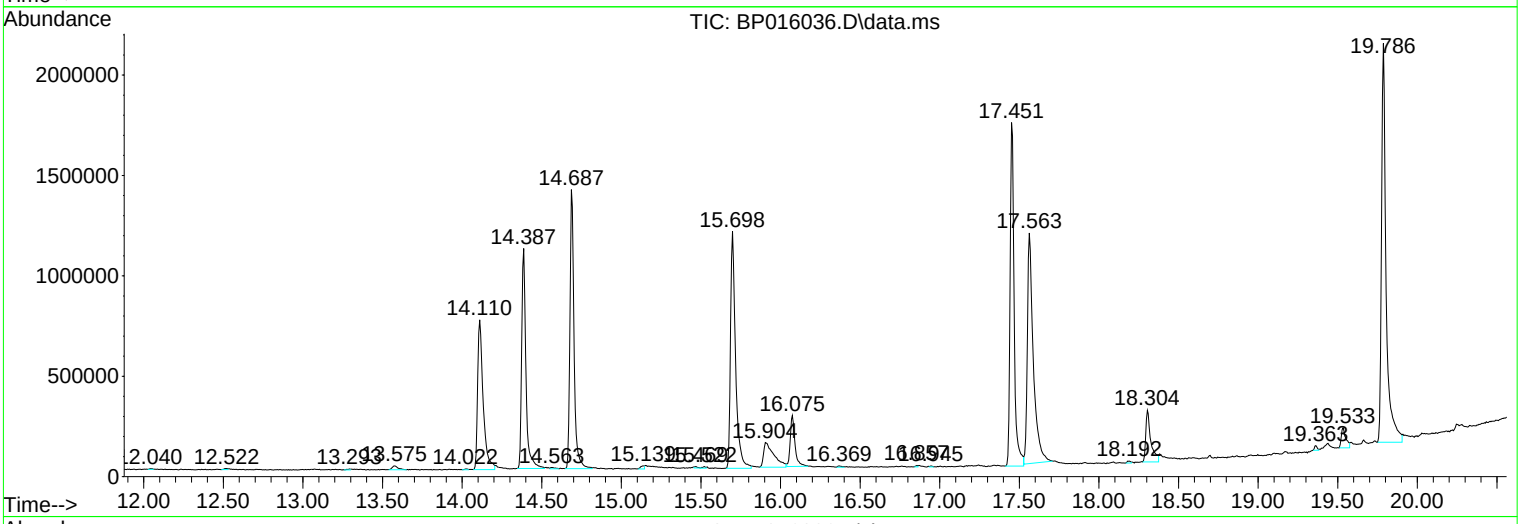
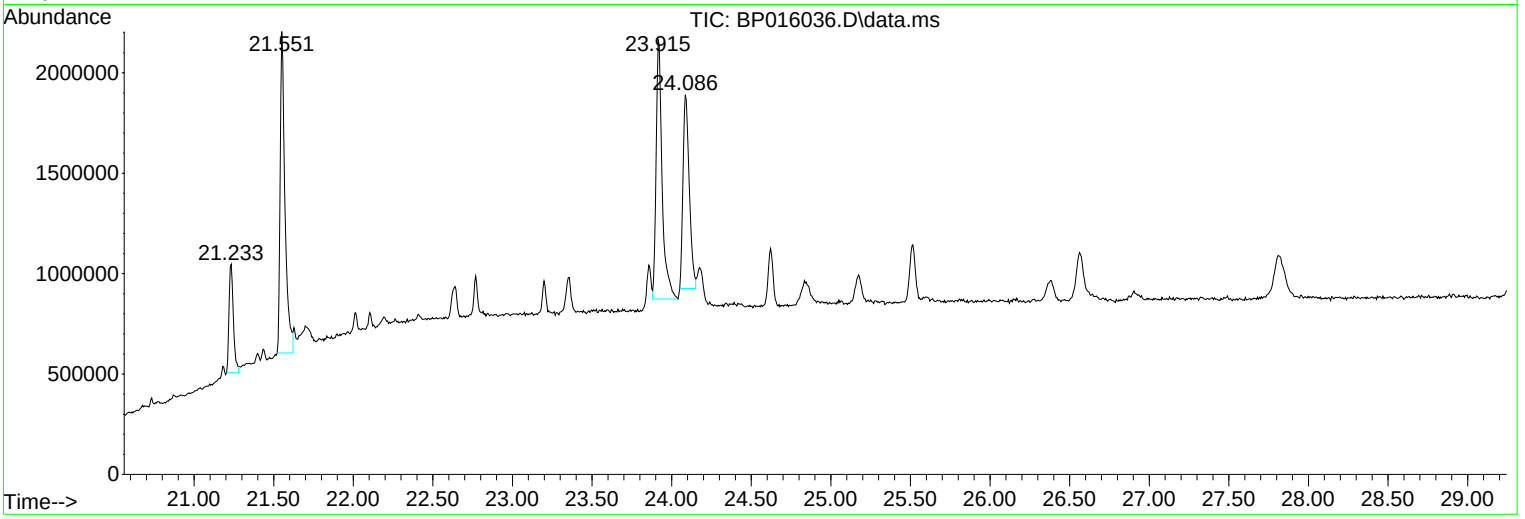
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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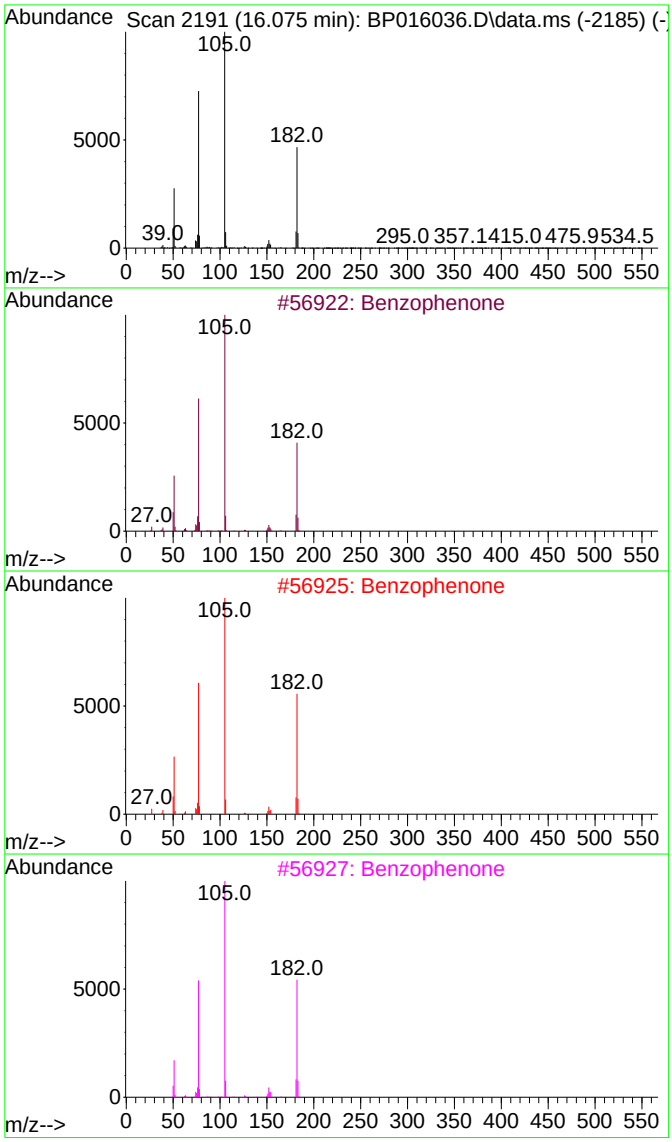
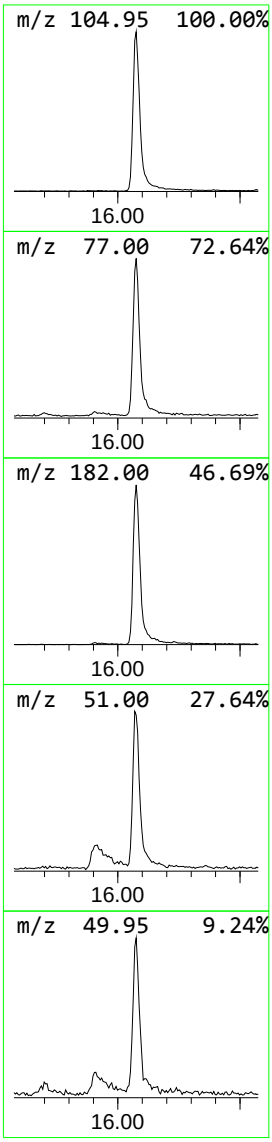
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	3.46 ng/ul	521467	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





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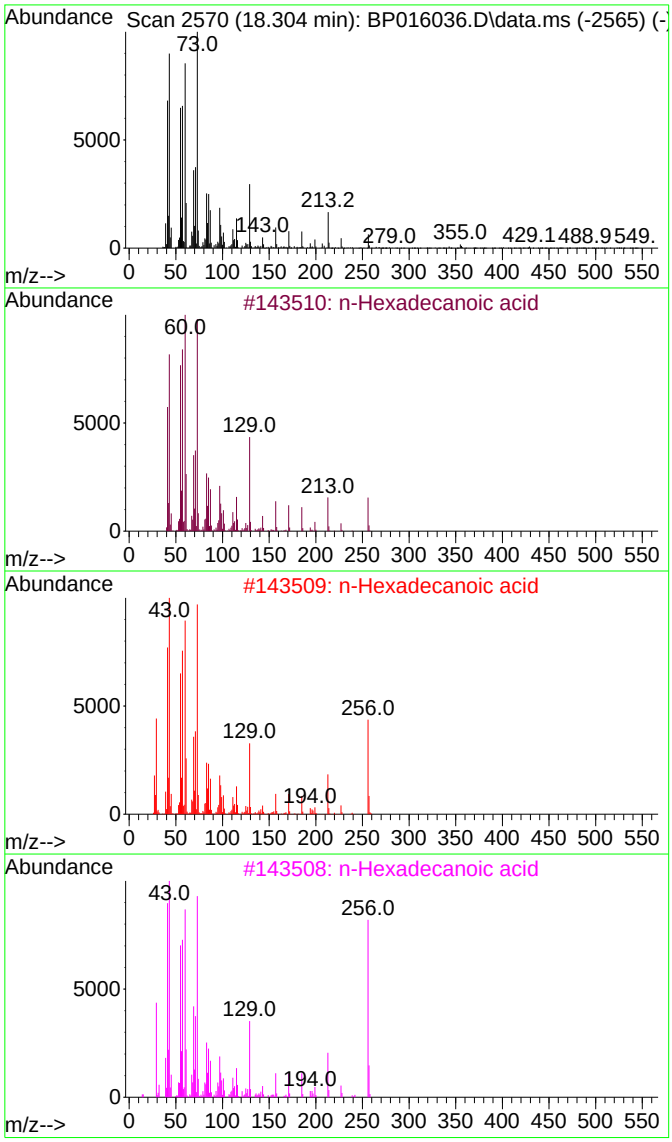
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

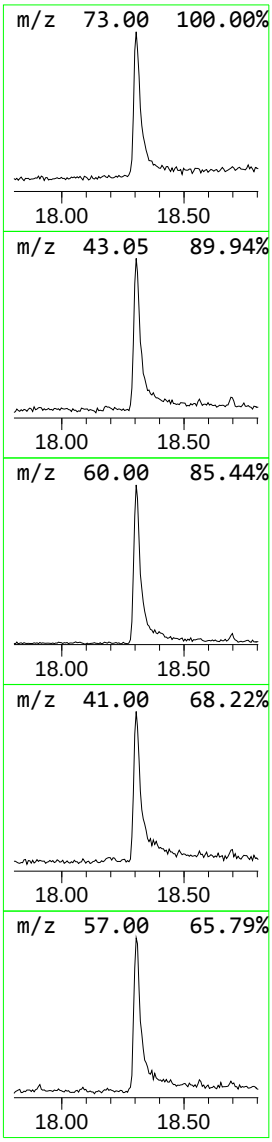
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.82 ng/ul	575600	Phenanthrene-d10	17.451

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	92
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGW3

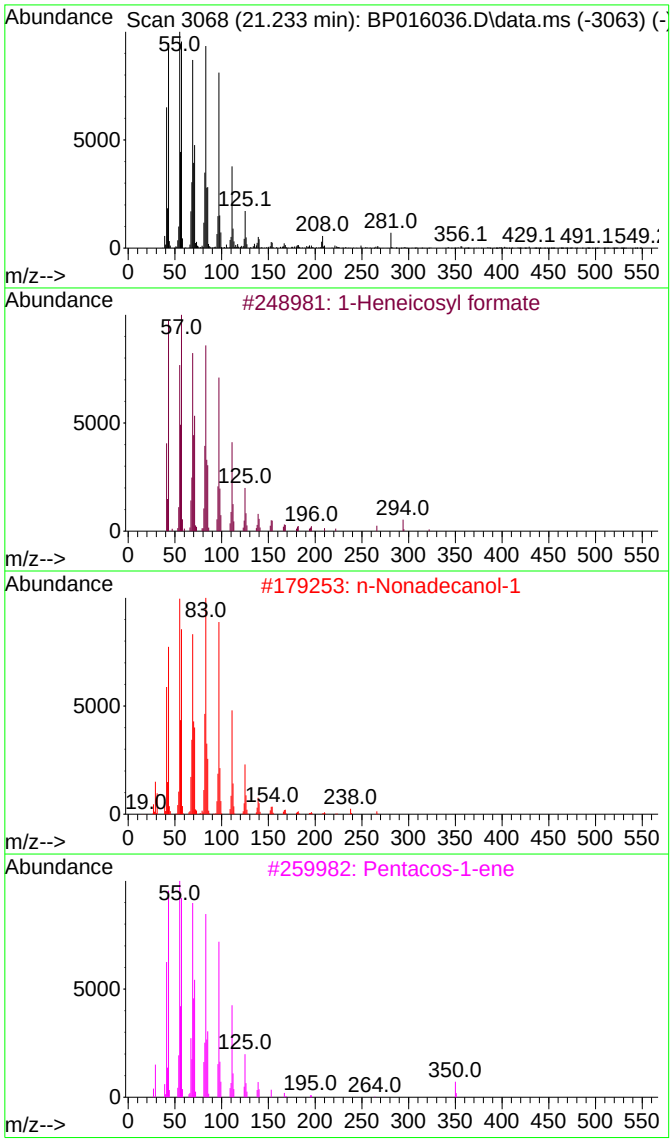
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

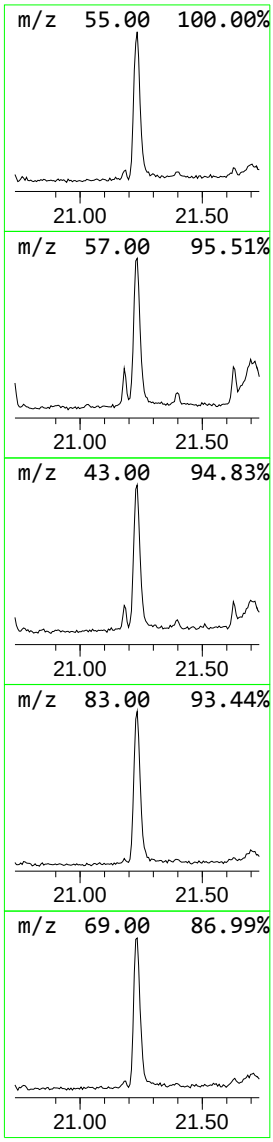
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	6.08 ng/ul	1019300	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.075	3.5	ng/ul	521467	4	17.451	3010250	20.0
n-Hexadecanoic ...	18.304	3.8	ng/ul	575600	4	17.451	3010250	20.0
1-Heneicosyl fo...	21.233	6.1	ng/ul	1019300	5	21.551	3351990	20.0