LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016286.D
Acq On : 18 Jul 2023 10:14
Operator : MA/JU
Sample : 03458-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M3

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-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016286.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	12	16	26	rVB	51991	83627	1.13%	0.117%
2	3.728	90	92	107	rBV	481297	1022215	13.86%	1.432%
3	4.040	143	145	152	rVB7	12959	20024	0.27%	0.028%
4	7.146	665	673	691	rBV	506724	1525338	20.68%	2.136%
5	7.281	691	696	724	rVV	481843	1198431	16.25%	1.678%
6	7.481	724	730	757	rVB	643474	1508479	20.45%	2.113%
7	7.952	803	810	834	rBV	472367	1188783	16.12%	1.665%
8	8.699	928	937	973	rBV	622032	1865854	25.30%	2.613%
9	9.152	1006	1014	1038	rBV	547312	1394679	18.91%	1.953%
10	9.463	1063	1067	1073	rVB9	5798	11198	0.15%	0.016%
11	9.881	1130	1138	1161	rBV	435590	1254439	17.01%	1.757%
12	10.452	1227	1235	1251	rBV	383434	1489604	20.20%	2.086%
13	10.775	1282	1290	1308	rVB	793225	1647172	22.33%	2.307%
14	10.963	1315	1322	1354	rBV	406963	1701973	23.07%	2.384%
15	12.440	1567	1573	1585	rBV8	8338	25969	0.35%	0.036%
16	13.487	1742	1751	1760	rBV2	27143	49154	0.67%	0.069%
17	14.022	1836	1842	1870	rBV	1471169	2941022	39.87%	4.119%
18	14.304	1883	1890	1916	rBV	2294796	3901103	52.89%	5.463%
19	14.604	1935	1941	1957	rBV	1800279	2927466	39.69%	4.100%
20	14.934	1990	1997	2023	rBV3	224953	1330190	18.03%	1.863%
21	15.440	2079	2083	2088	rVB3	16148	28829	0.39%	0.040%
22	15.610	2105	2112	2127	rBV	2797666	5397008	73.17%	7.558%
23	15.798	2138	2144	2170	rBV	366330	1227001	16.64%	1.718%
24	15.987	2170	2176	2190	rVB	423776	696952	9.45%	0.976%
25	16.398	2243	2246	2251	rVB6	5175	7618	0.10%	0.011%
26	16.540	2266	2270	2276	rVB	34473	51756	0.70%	0.072%
27	16.863	2322	2325	2329	rBV5	6823	7602	0.10%	0.011%
28	17.045	2352	2356	2360	rBV7	11918	16971	0.23%	0.024%
29	17.081	2360	2362	2365	rVB3	7649	7564	0.10%	0.011%
30	17.128	2368	2370	2373	rBV4	7088	7740	0.10%	0.011%
31	17.263	2390	2393	2401	rVB9	12644	20388	0.28%	0.029%
32	17.369	2404	2411	2423	rBV	2445259	3707055	50.26%	5.192%
33	17.475	2423	2429	2452	rVV2	2882310	5945679	80.61%	8.327%
34	18.010	2518	2520	2523	rVB4	12455	12300	0.17%	0.017%
35	18.234	2552	2558	2569	rBV	725046	1244674	16.87%	1.743%
36	19.286	2733	2737	2741	rBV	55302	70298	0.95%	0.098%

LSC Area Percent Report

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A46M3

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-BP071223.MA.M
Title : SVOA CALIBRATION

37	19.363	2747	2750	2753	rBV	38882	43838	0.59%	0.061%
38	19.457	2762	2766	2779	rBV	188539	351222	4.76%	0.492%
39	19.710	2803	2809	2832	rBV	4161781	7376020	100.00%	10.330%
40	20.181	2886	2889	2894	rBV2	64906	98047	1.33%	0.137%
41	20.663	2968	2971	2974	rBV	86806	93940	1.27%	0.132%
42	21.151	3045	3054	3070	rBV	655577	2164507	29.35%	3.031%
43	21.475	3104	3109	3121	rBV	2093472	4262057	57.78%	5.969%
44	22.527	3285	3288	3294	rBV	174563	249809	3.39%	0.350%
45	23.098	3382	3385	3393	rVB	198634	297612	4.03%	0.417%
46	23.792	3496	3503	3522	rVB2	3027634	6988494	94.75%	9.787%
47	23.963	3525	3532	3548	rVB	1366527	3943908	53.47%	5.523%

Sum of corrected areas: 71405609

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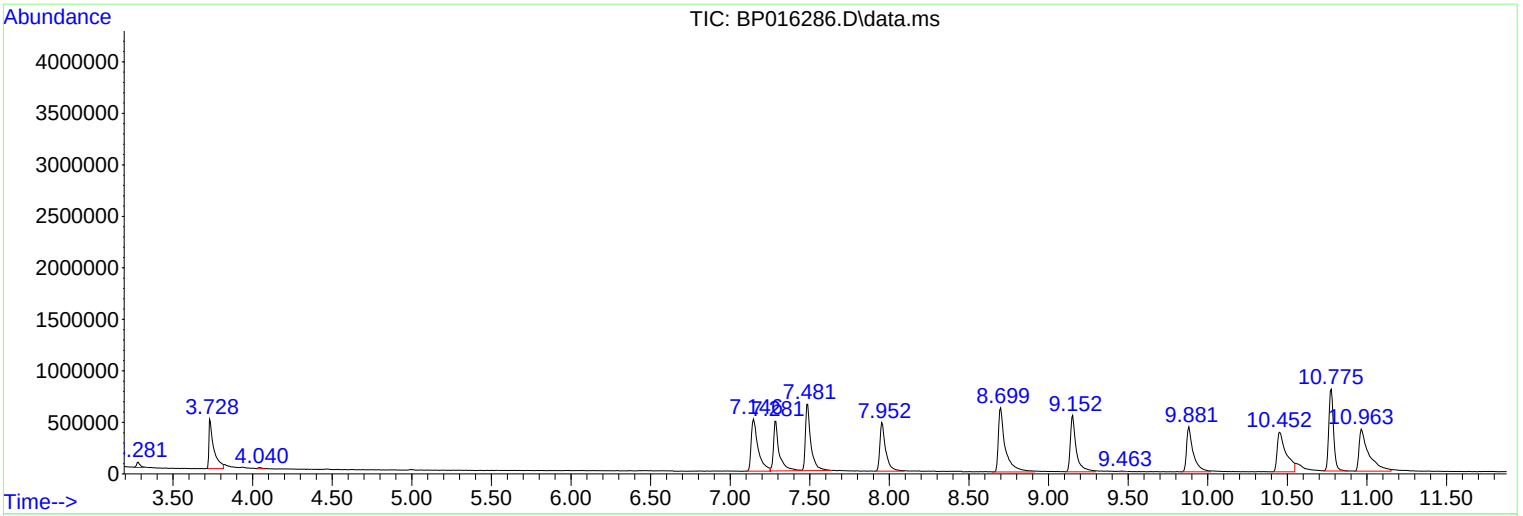
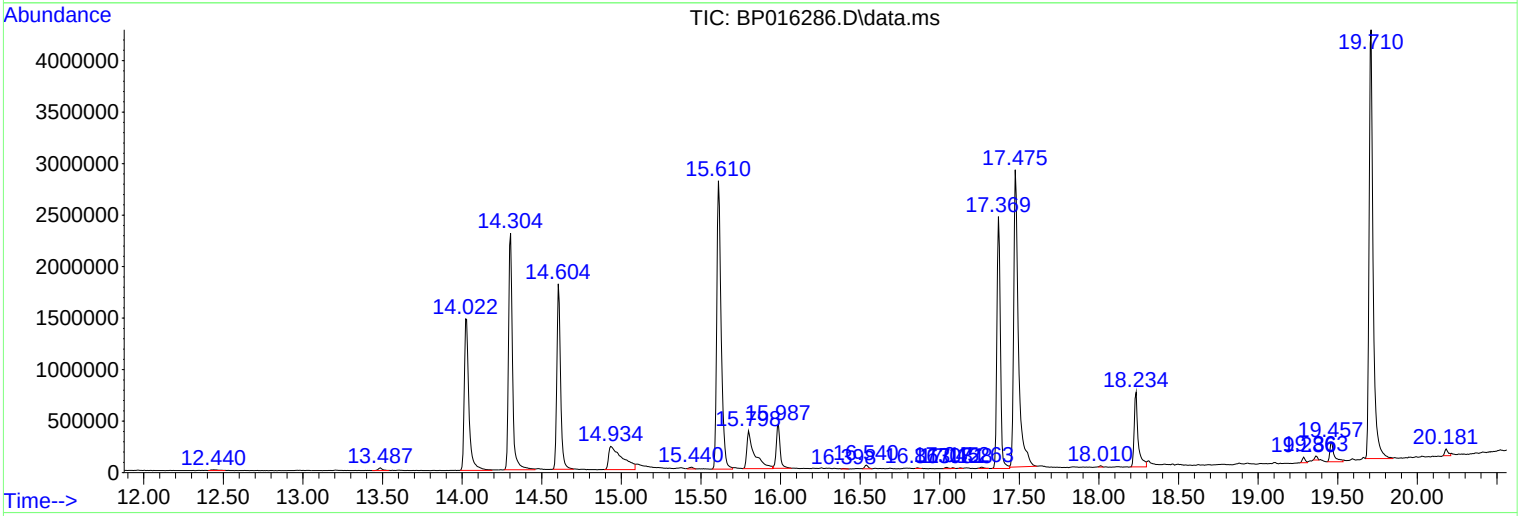
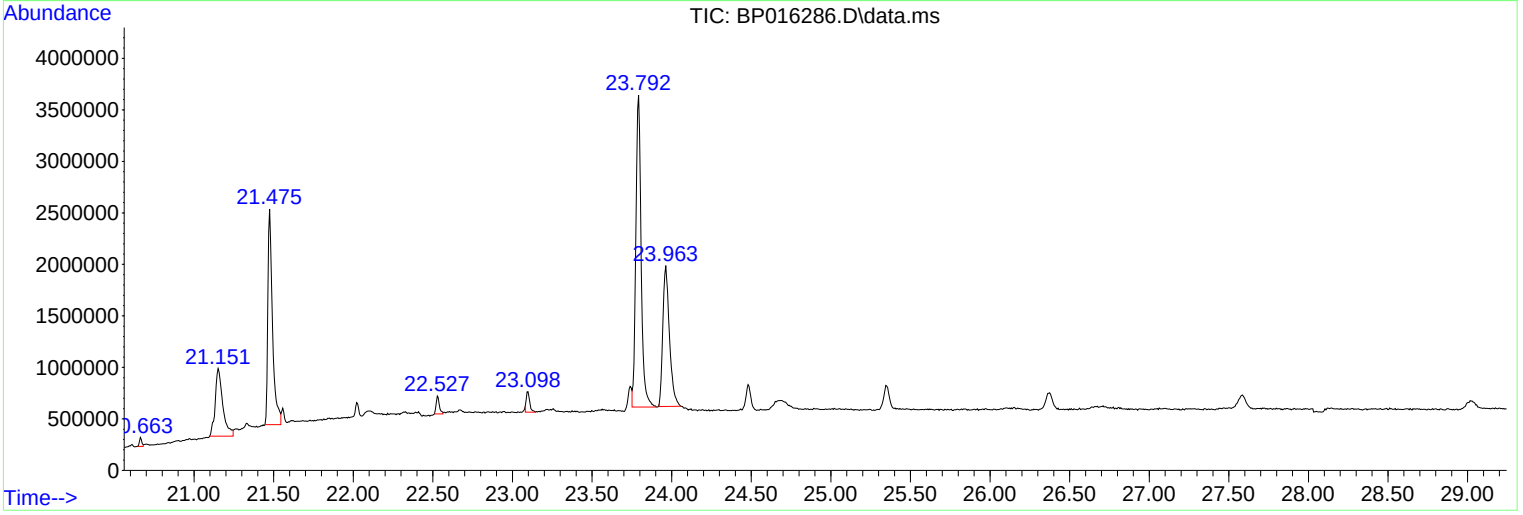
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

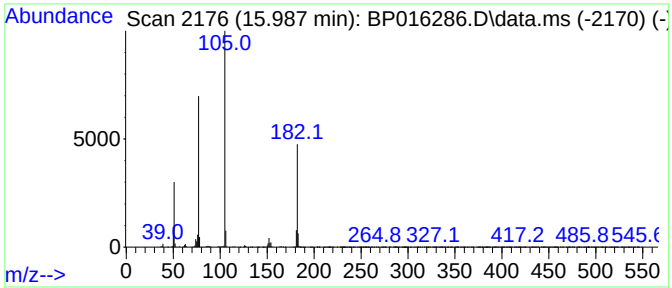
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

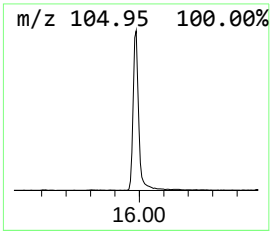
****

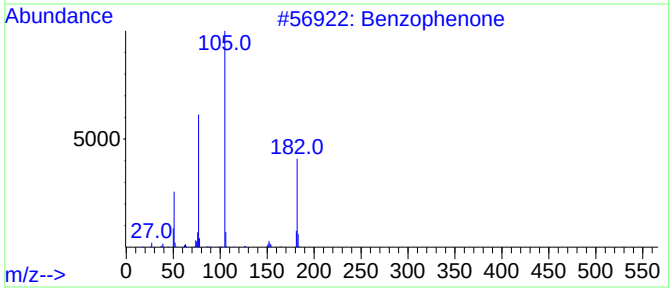
Peak Number 1 Benzophenone Concentration Rank 3

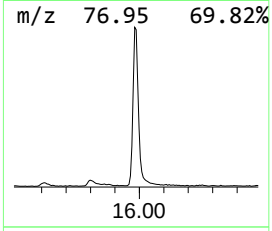
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.987	4.76 ng/ul	696952	Acenaphthene-d10	14.604

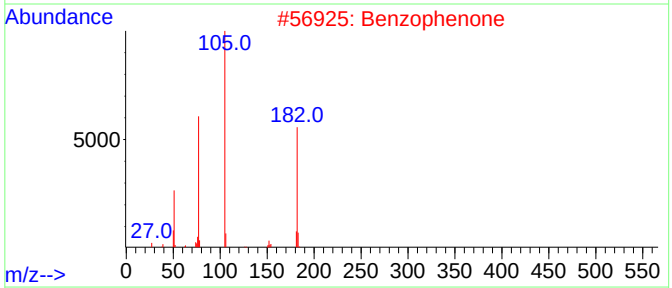
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78

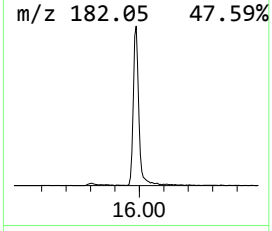


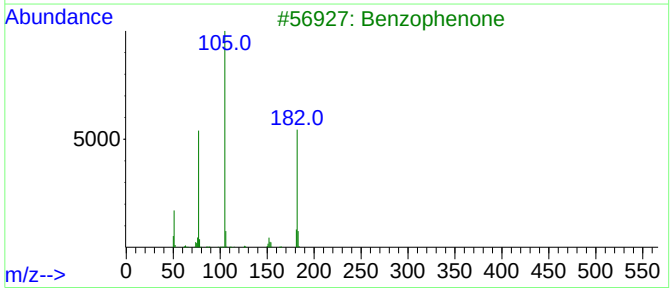


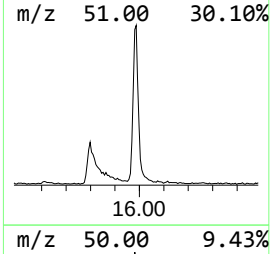


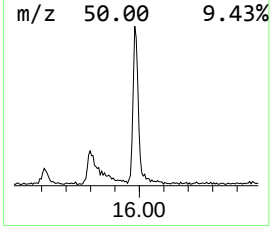












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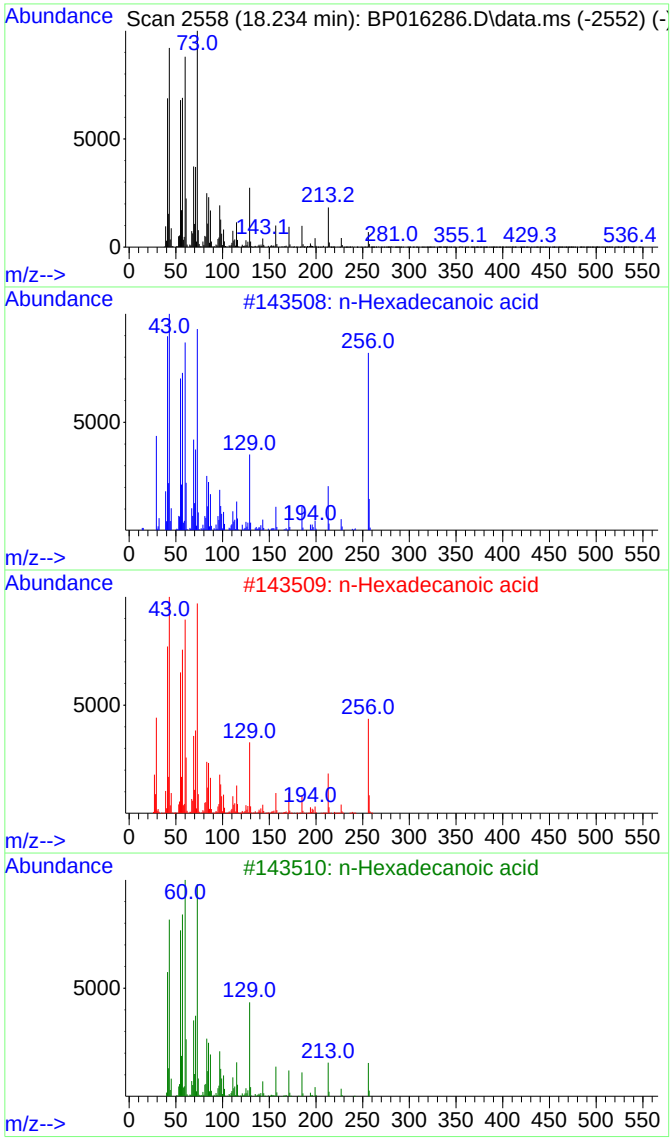
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

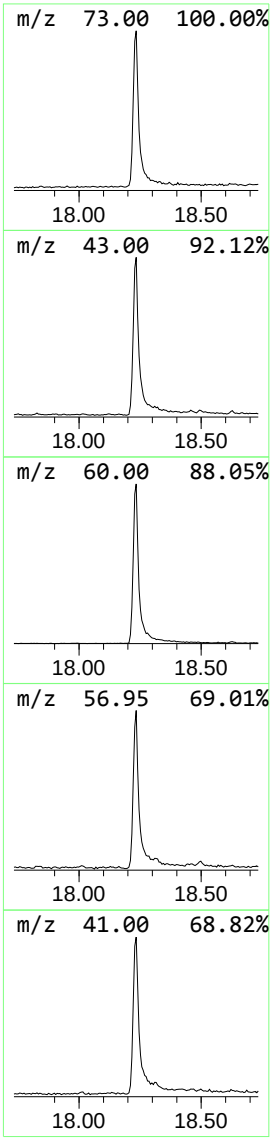
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	6.72 ng/ul	1244670	Phenanthrene-d10	17.369

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Instrument :
BNA_P
ClientSampleId :
A46M3

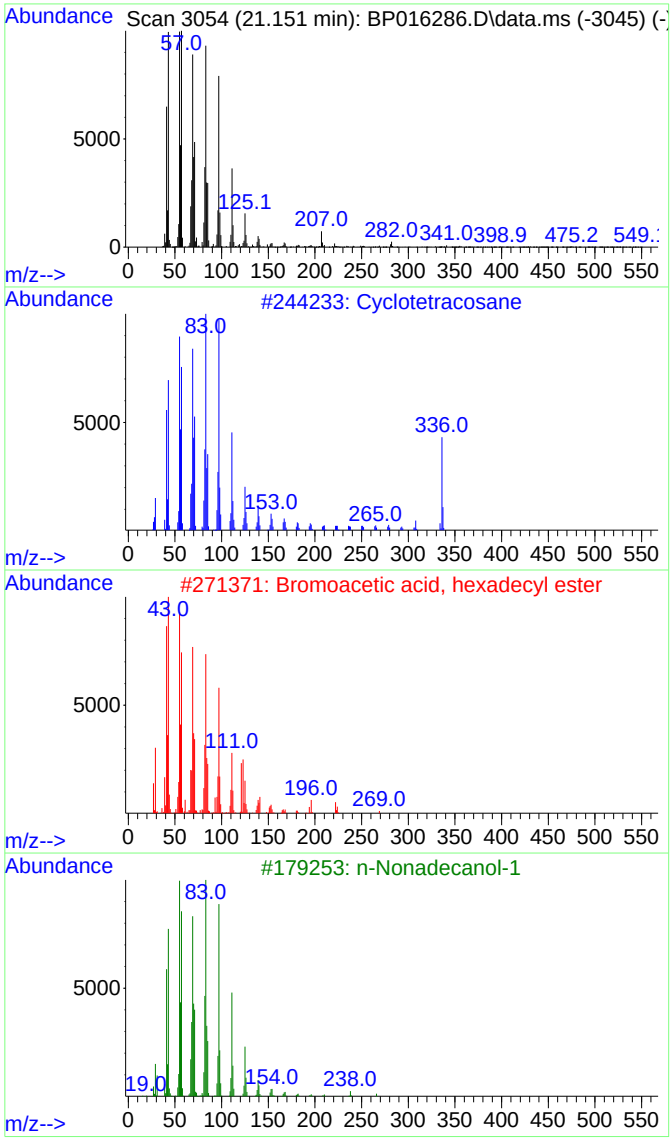
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

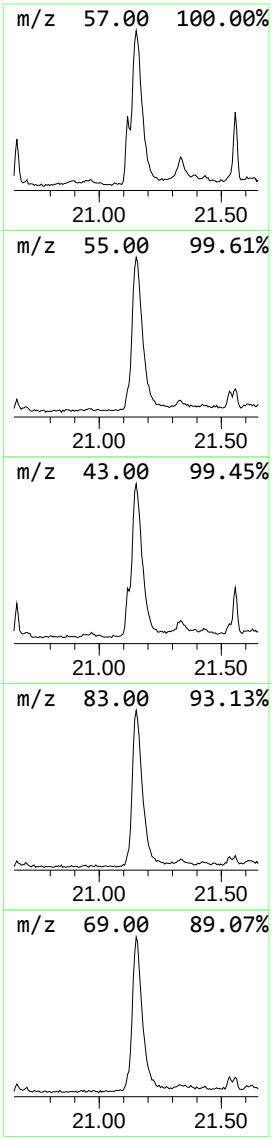
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.151 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	10.16 ng/ul	2164510	Chrysene-d12	21.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

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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	15.987	4.8	ng/ul	696952	3	14.604	2927470	20.0
n-Hexadecanoic ...	18.234	6.7	ng/ul	1244670	4	17.369	3707060	20.0
(DEL) Alkane: C...	21.151	10.2	ng/ul	2164510	5	21.475	4262060	20.0