LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014456.D
Acq On : 31 Mar 2023 22:10
Operator : CG/JU
Sample : 02092-10
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB975

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	30	34	44	rVB	37134	53692	1.01%	0.108%
2	3.840	109	111	125	rBV	60165	118685	2.24%	0.239%
3	4.046	142	146	152	rVB	13559	21742	0.41%	0.044%
4	4.140	159	162	170	rVB2	11987	19714	0.37%	0.040%
5	4.258	177	182	186	rBV6	7928	12204	0.23%	0.025%
6	5.081	318	322	329	rVB2	11623	18144	0.34%	0.037%
7	6.393	541	545	549	rBV5	6619	10427	0.20%	0.021%
8	7.110	663	667	675	rVB7	4378	9807	0.18%	0.020%
9	7.193	675	681	695	rBV	127728	250713	4.72%	0.505%
10	7.340	699	706	718	rBV	575430	904003	17.03%	1.820%
11	7.546	733	741	759	rBV	546891	906362	17.08%	1.825%
12	8.010	813	820	830	rBV	647512	1061148	19.99%	2.137%
13	8.746	937	945	960	rBV	452675	824733	15.54%	1.661%
14	9.193	1013	1021	1039	rBV	752699	1310618	24.69%	2.639%
15	9.328	1039	1044	1053	rVB	7286	18594	0.35%	0.037%
16	9.563	1078	1084	1094	rVB2	17370	31908	0.60%	0.064%
17	9.916	1136	1144	1158	rBV	650547	1133197	21.35%	2.282%
18	10.199	1187	1192	1195	rBV7	5344	10272	0.19%	0.021%
19	10.469	1228	1238	1259	rBV	854473	1681817	31.68%	3.387%
20	10.840	1293	1301	1315	rBV	1000784	1703161	32.09%	3.430%
21	10.993	1320	1327	1343	rBV	333685	718951	13.54%	1.448%
22	11.657	1436	1440	1443	rBV6	7881	12174	0.23%	0.025%
23	11.728	1450	1452	1461	rVB10	4859	12354	0.23%	0.025%
24	12.063	1504	1509	1512	rBV3	7146	11050	0.21%	0.022%
25	12.240	1534	1539	1545	rVB3	9458	15251	0.29%	0.031%
26	12.428	1566	1571	1577	rBV2	14130	26102	0.49%	0.053%
27	12.834	1636	1640	1644	rBV6	7698	14108	0.27%	0.028%
28	13.263	1711	1713	1719	rVB7	3562	6206	0.12%	0.012%
29	13.463	1744	1747	1756	rVB3	16188	26287	0.50%	0.053%
30	13.545	1759	1761	1768	rVB7	5337	7982	0.15%	0.016%
31	14.075	1842	1851	1863	rBV	2151793	3085138	58.12%	6.213%
32	14.310	1887	1891	1893	rBV5	10085	15639	0.29%	0.031%
33	14.363	1894	1900	1909	rVV	2311102	3297277	62.12%	6.640%
34	14.539	1927	1930	1934	rVB6	10996	15148	0.29%	0.031%
35	14.669	1946	1952	1960	rBV	1706604	2453808	46.23%	4.941%
36	14.934	1992	1997	2011	rBV2	69500	204393	3.85%	0.412%

LSC Area Percent Report

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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
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Title : SVOA CALIBRATION

37	15.492	2087	2092	2096	rBV2	43461	55975	1.05%	0.113%
38	15.604	2109	2111	2114	rVB3	6970	5916	0.11%	0.012%
39	15.663	2115	2121	2128	rBV	2948434	4275511	80.55%	8.610%
40	15.792	2137	2143	2157	rBV	1061477	1556505	29.32%	3.135%
41	16.034	2178	2184	2193	rVB	503539	712685	13.43%	1.435%
42	16.357	2236	2239	2248	rBV	46153	74501	1.40%	0.150%
43	17.157	2372	2375	2380	rBV	36596	57524	1.08%	0.116%
44	17.433	2416	2422	2430	rVB	2097102	2958296	55.73%	5.957%
45	17.533	2432	2439	2447	rBV	3277922	4724757	89.01%	9.515%
46	18.298	2564	2569	2577	rBV	359317	567873	10.70%	1.144%
47	19.527	2775	2778	2786	rBV3	78861	130325	2.46%	0.262%
48	19.763	2812	2818	2830	rBV	3948129	5308012	100.00%	10.689%
49	21.192	3058	3061	3068	rBV2	242755	341244	6.43%	0.687%
50	21.516	3112	3116	3123	rVB	1900832	2596074	48.91%	5.228%
51	23.874	3511	3517	3528	rVB2	1994815	4053458	76.36%	8.163%
52	24.039	3540	3545	3553	rVB2	1090847	2215694	41.74%	4.462%

Sum of corrected areas: 49657159

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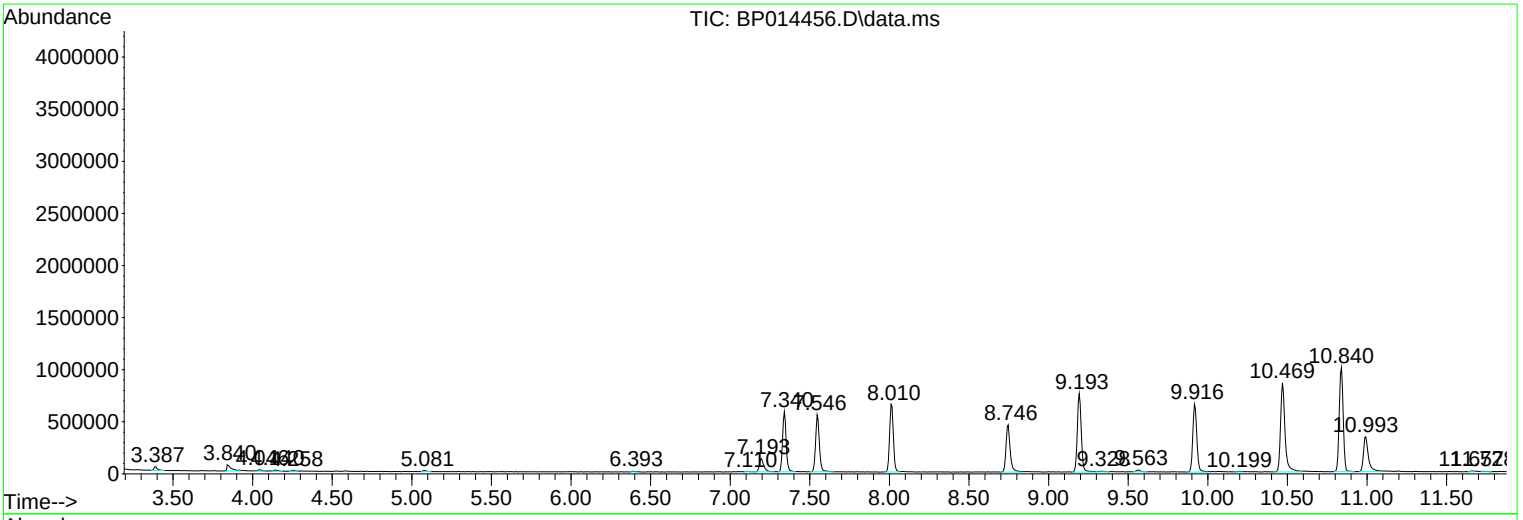
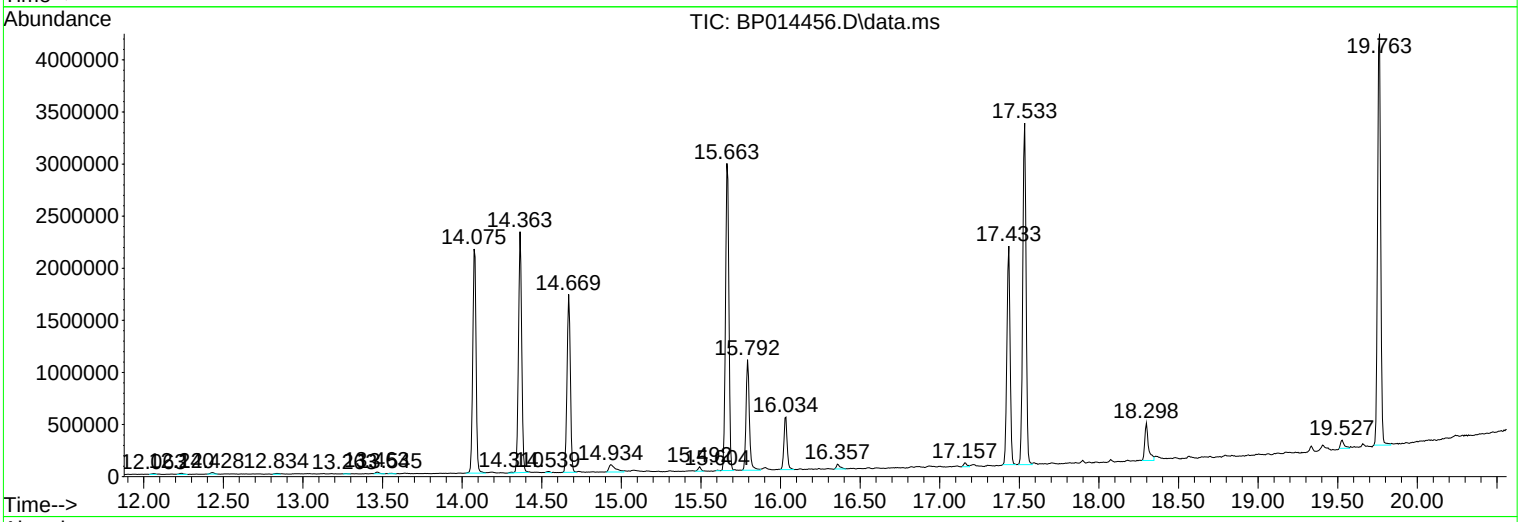
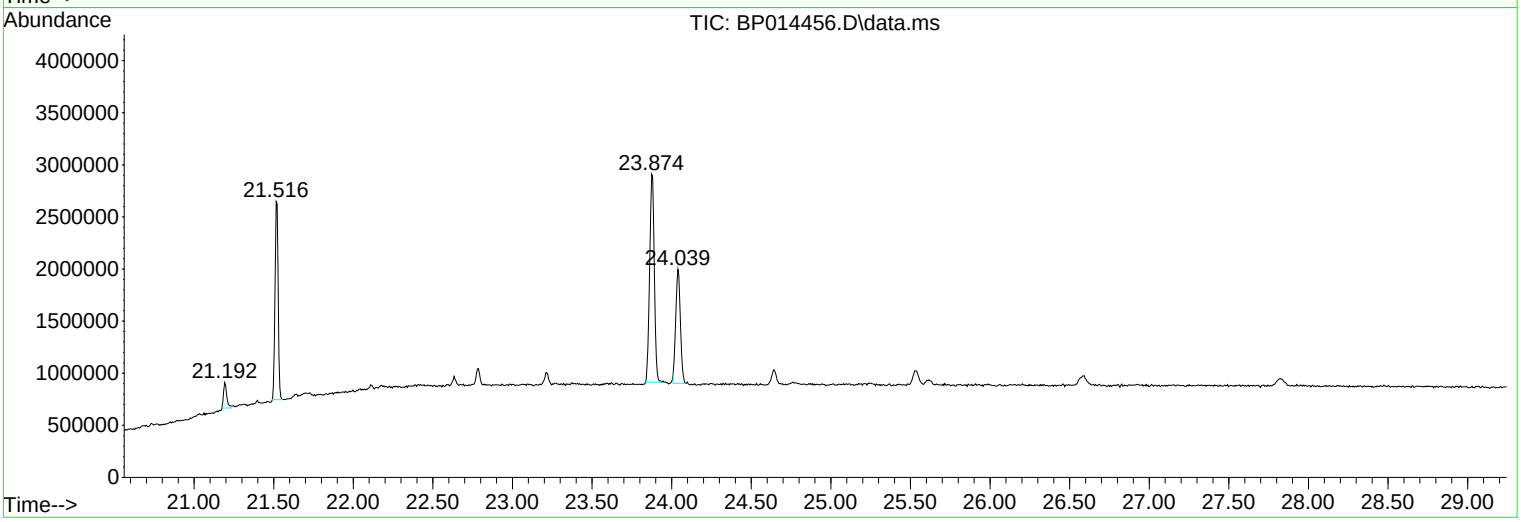
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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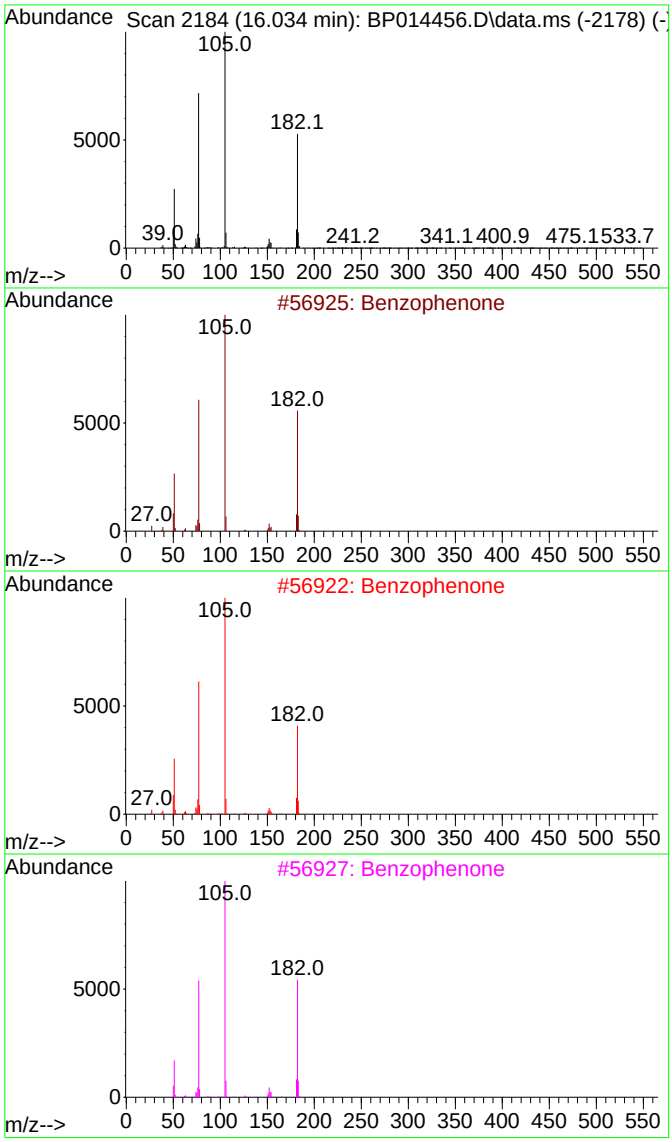
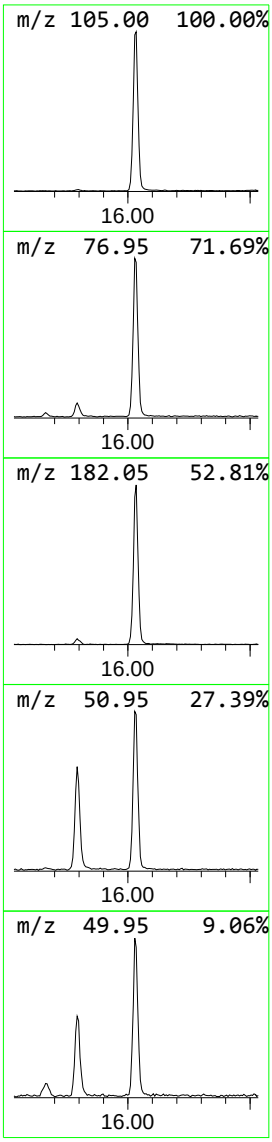
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.034	5.81 ng/ul	712685	Acenaphthene-d10	14.669

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	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument :
BNA_P
ClientSampleId :
CB975

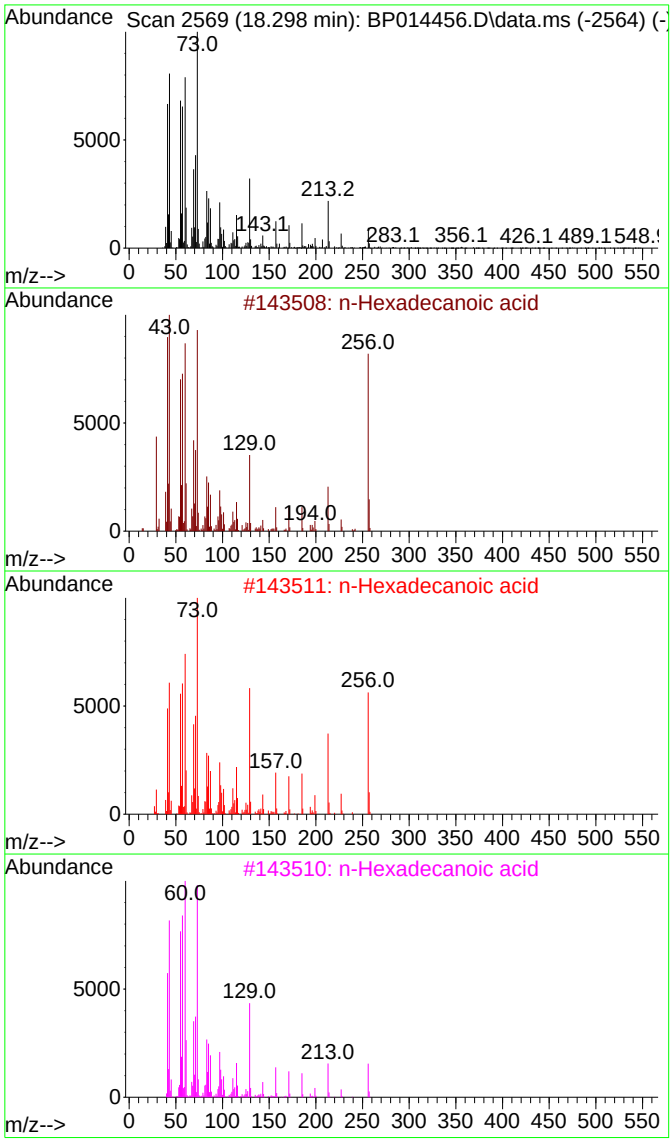
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

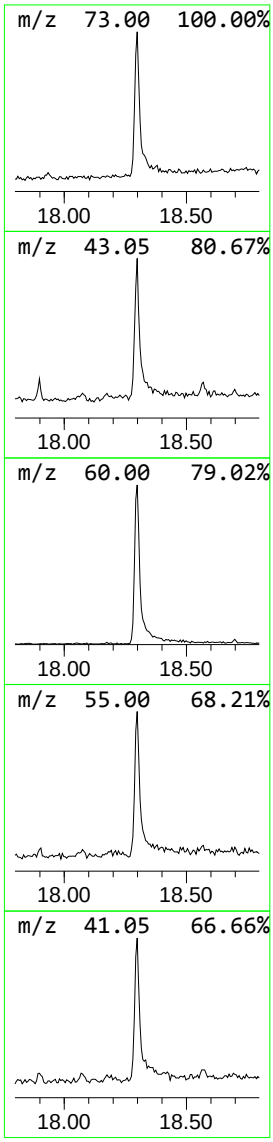
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.84 ng/ul	567873	Phenanthrene-d10	17.433

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





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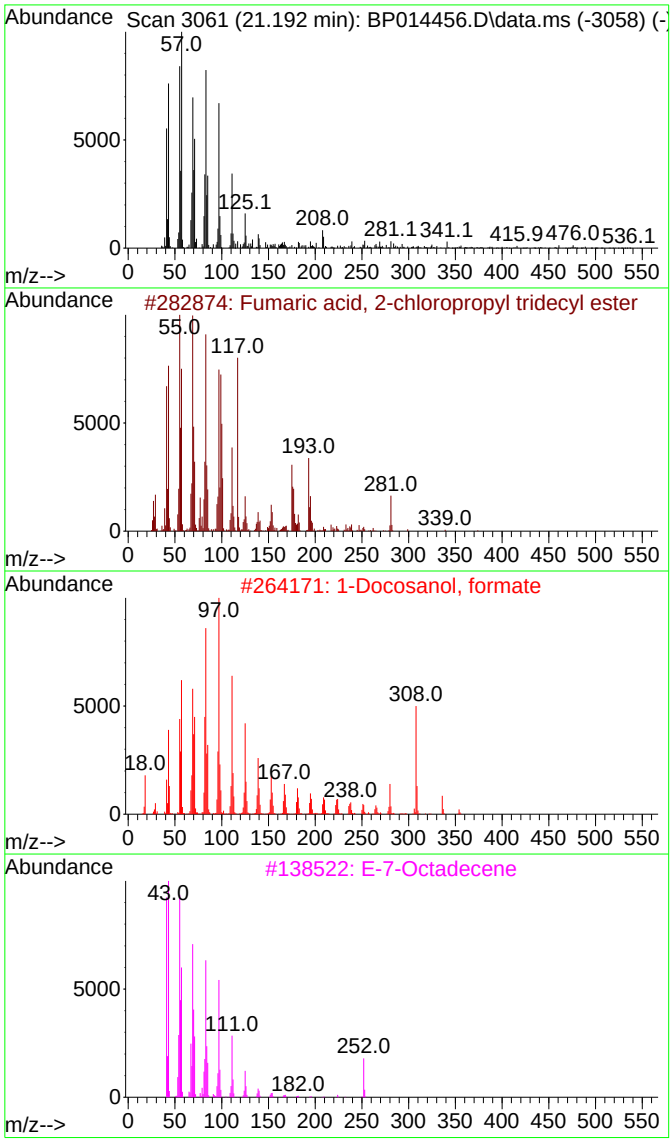
Quant Title : SVOA CALIBRATION

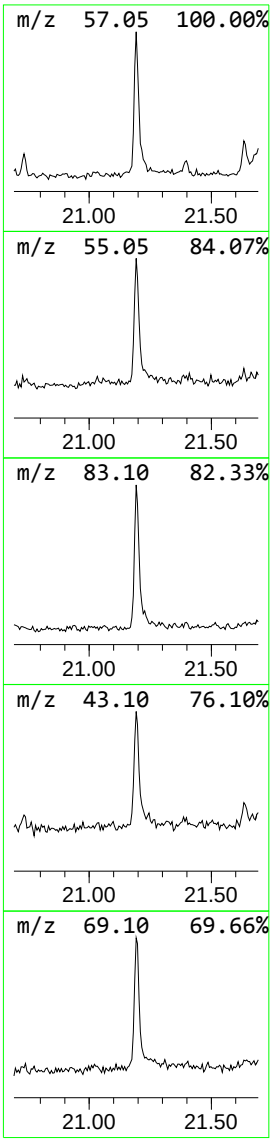
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Fumaric acid, 2-chloropropy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.63 ng/ul	341244	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	97
2	1-Docosanol, formate	354	C23H46O2	015155-62-1	94
3	E-7-Octadecene	252	C18H36	1000130-92-0	93
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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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	16.034	5.8	ng/ul	712685	3	14.669	2453810	20.0
n-Hexadecanoic ...	18.298	3.8	ng/ul	567873	4	17.433	2958300	20.0
Fumaric acid, 2...	21.192	2.6	ng/ul	341244	5	21.516	2596070	20.0