LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017103.D
Acq On : 11 Sep 2023 14:14
Operator : MA/JU
Sample : 04268-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : H0GH3

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-BP091023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017103.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	35	39	46	rVB	84655	109956	1.03%	0.110%
2	3.758	110	114	129	rBV	456569	753576	7.06%	0.753%
3	3.952	142	147	157	rVB	69678	112068	1.05%	0.112%
4	4.063	162	166	172	rBV2	19565	29644	0.28%	0.030%
5	4.452	229	232	236	rVB5	11670	15312	0.14%	0.015%
6	5.004	322	326	330	rBB	10641	13184	0.12%	0.013%
7	5.587	422	425	432	rVB	10520	15715	0.15%	0.016%
8	7.110	677	684	695	rBV	359050	593154	5.56%	0.593%
9	7.298	710	716	727	rVB	1431930	2191364	20.54%	2.191%
10	7.481	740	747	758	rBV	1287335	2041108	19.13%	2.041%
11	7.957	821	828	838	rBV	1327854	2069601	19.40%	2.069%
12	8.669	942	949	965	rBV	1023638	1654036	15.50%	1.654%
13	9.157	1021	1032	1046	rBV	1708968	2741729	25.69%	2.741%
14	9.269	1048	1051	1057	rVB8	7715	14812	0.14%	0.015%
15	9.869	1145	1153	1165	rBV	1325755	2122387	19.89%	2.122%
16	9.998	1169	1175	1182	rBV	41775	81936	0.77%	0.082%
17	10.392	1235	1242	1259	rBV	1796628	2963552	27.77%	2.963%
18	10.787	1301	1309	1318	rBV	1872801	3125259	29.29%	3.125%
19	10.945	1328	1336	1348	rBV	1698620	2786403	26.11%	2.786%
20	11.675	1454	1460	1466	rBV	39855	73559	0.69%	0.074%
21	11.863	1487	1492	1497	rVB2	15085	23102	0.22%	0.023%
22	12.369	1572	1578	1584	rBV2	31453	52233	0.49%	0.052%
23	13.463	1757	1764	1771	rBV	60834	98494	0.92%	0.098%
24	13.575	1777	1783	1788	rVB9	7375	13774	0.13%	0.014%
25	13.857	1828	1831	1837	rVB4	8122	10895	0.10%	0.011%
26	14.033	1854	1861	1873	rBV	4072821	5260461	49.30%	5.259%
27	14.316	1900	1909	1918	rBV	4237554	5939568	55.66%	5.938%
28	14.392	1918	1922	1928	rVB3	49380	76485	0.72%	0.076%
29	14.616	1953	1960	1978	rBV	2879245	4304733	40.34%	4.304%
30	14.833	1991	1997	2011	rBV	325263	556538	5.22%	0.556%
31	14.998	2020	2025	2031	rBV9	13679	33547	0.31%	0.034%
32	15.051	2031	2034	2040	rVB7	12174	17900	0.17%	0.018%
33	15.616	2122	2130	2140	rBV	5546407	7728345	72.43%	7.727%
34	15.739	2145	2151	2164	rVV	2164995	2777537	26.03%	2.777%
35	15.851	2166	2170	2177	rVB2	25138	38179	0.36%	0.038%
36	17.192	2390	2398	2404	rBV6	18510	39395	0.37%	0.039%

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37	17.263	2406	2410	2416	rVB9	7366	12294	0.12%	0.012%
38	17.386	2424	2431	2442	rBV	3644737	5038312	47.22%	5.037%
39	17.486	2442	2448	2464	rVV2	6324471	8912227	83.52%	8.910%
40	18.016	2535	2538	2543	rBV6	10188	13438	0.13%	0.013%
41	18.233	2569	2575	2587	rBV	929569	1379736	12.93%	1.379%
42	19.298	2752	2756	2760	rBV2	67116	91152	0.85%	0.091%
43	19.363	2763	2767	2775	rVB2	85977	132168	1.24%	0.132%
44	19.463	2780	2784	2803	rBV	574664	970488	9.09%	0.970%
45	19.604	2804	2808	2812	rVB	70588	81433	0.76%	0.081%
46	19.727	2823	2829	2836	rBV	8525647	10670613	100.00%	10.668%
47	20.621	2979	2981	2987	rVB2	54830	52513	0.49%	0.053%
48	21.162	3069	3073	3086	rVB2	289074	611781	5.73%	0.612%
49	21.486	3123	3128	3134	rBV	4235379	5205325	48.78%	5.204%
50	23.145	3407	3410	3419	rVB2	178972	281691	2.64%	0.282%
51	23.851	3519	3530	3540	rVB2	5264110	10458232	98.01%	10.456%
52	24.015	3551	3558	3569	rVB	2496109	5150328	48.27%	5.149%
53	24.574	3650	3653	3663	rVB2	250419	481235	4.51%	0.481%

Sum of corrected areas: 100022507

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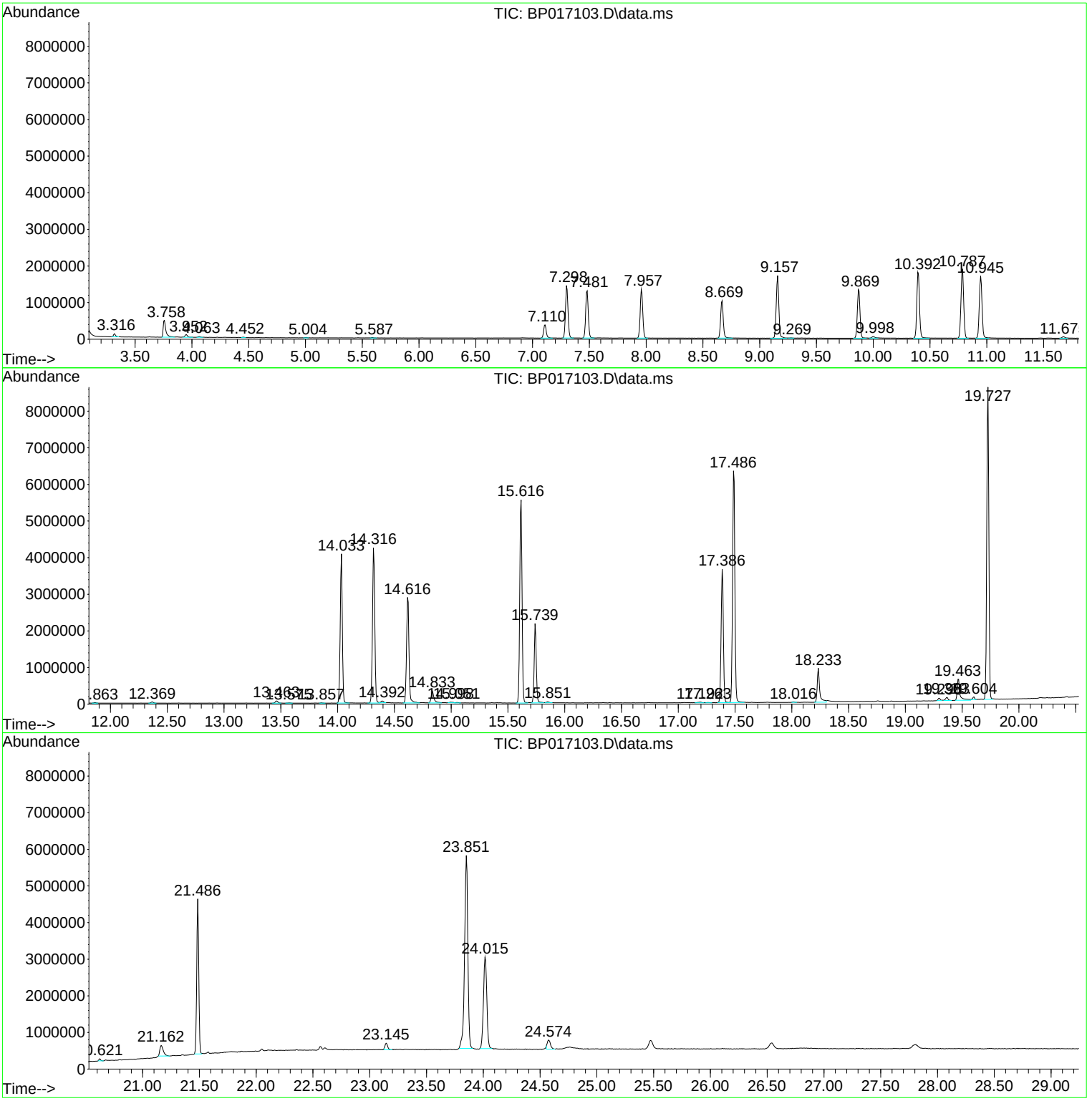
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION

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



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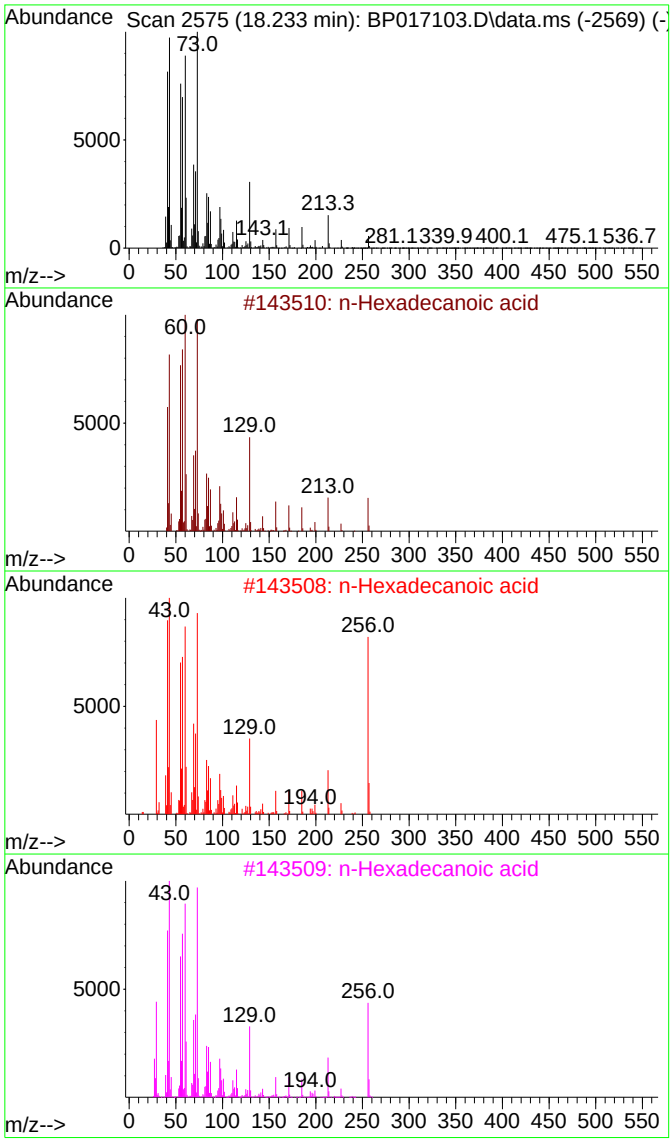
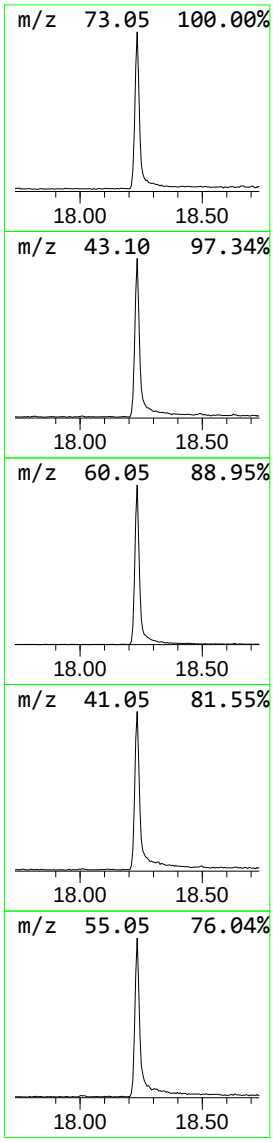
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	5.48 ng/ul	1379740	Phenanthrene-d10	17.386

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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ClientSampleId :
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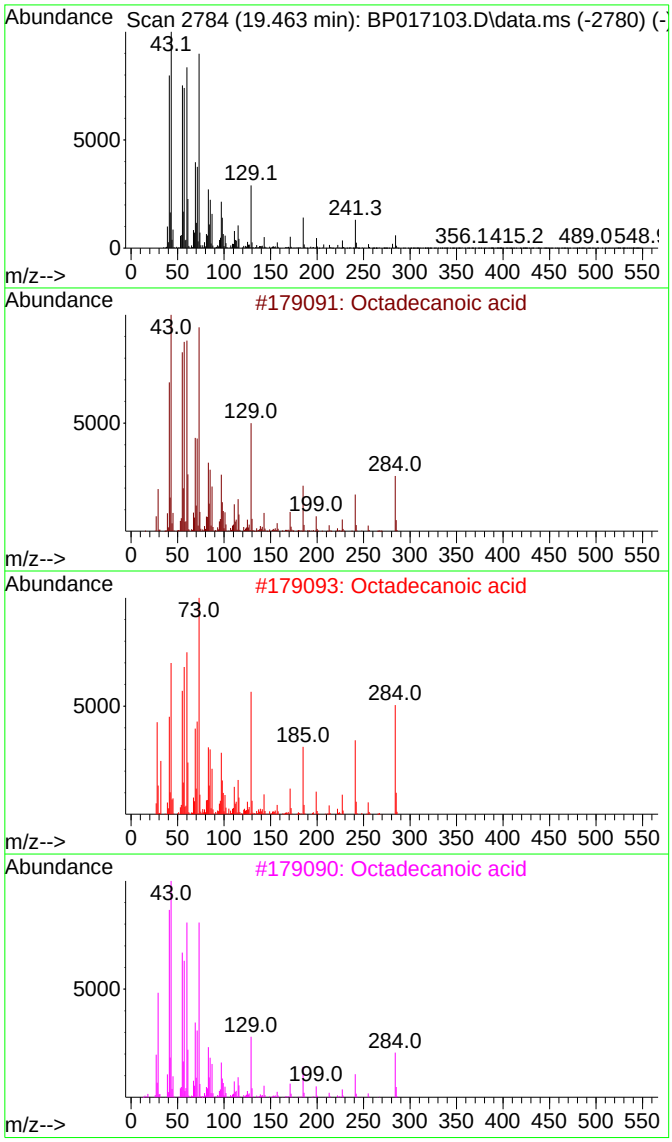
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION

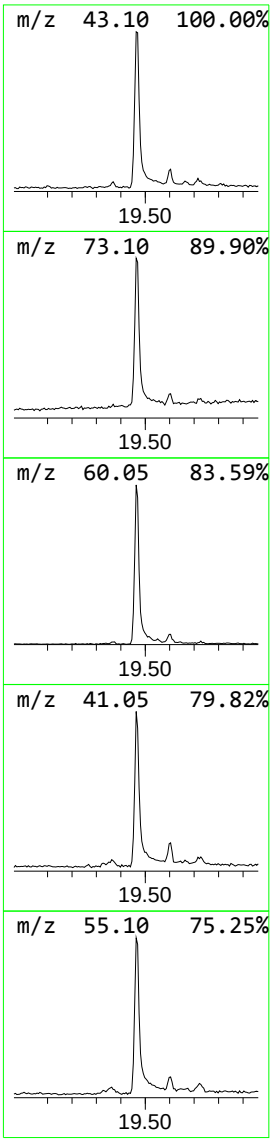
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	3.73 ng/ul	970488	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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ClientSampleId :
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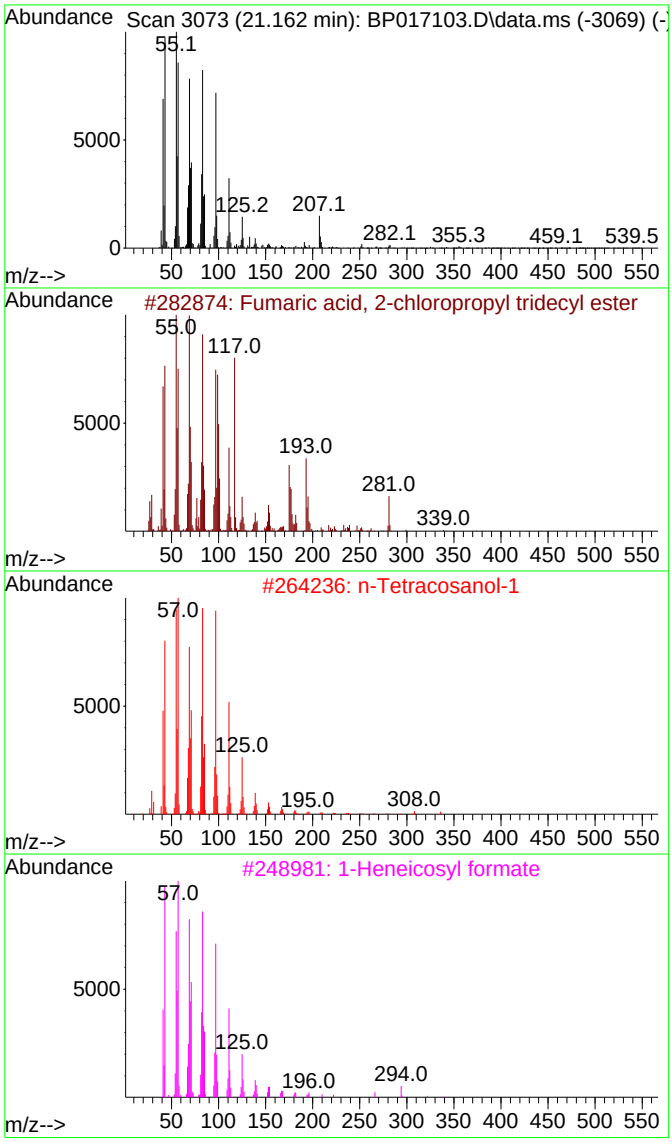
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION

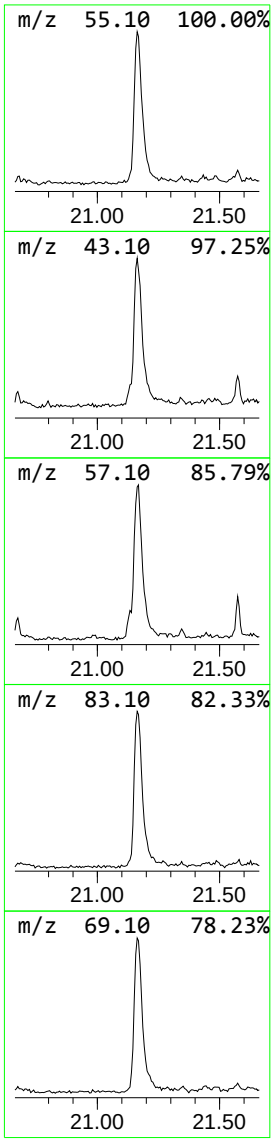
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.163	2.35 ng/ul	611781	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.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 ...	18.233	5.5	ng/ul	1379740	4	17.386	5038310	20.0
Octadecanoic acid	19.463	3.7	ng/ul	970488	5	21.486	5205330	20.0
Fumaric acid, 2...	21.163	2.4	ng/ul	611781	5	21.486	5205330	20.0