LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017948.D
Acq On : 08 Nov 2023 05:02
Operator : MA/JU
Sample : PB156700BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SBLK700

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-BP110623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017948.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	22	26	34	rBV	26094	35969	1.67%	0.147%
2	3.675	97	100	116	rBV	286130	469148	21.81%	1.920%
3	3.975	149	151	155	rVB3	3450	3270	0.15%	0.013%
4	4.140	177	179	183	rVB5	2221	2350	0.11%	0.010%
5	4.558	248	250	254	rBV4	1624	2158	0.10%	0.009%
6	4.669	267	269	273	rVB5	2049	2960	0.14%	0.012%
7	4.963	315	319	322	rVB5	2806	4698	0.22%	0.019%
8	5.169	351	354	356	rBV3	1969	2435	0.11%	0.010%
9	6.163	521	523	526	rBV3	2448	2215	0.10%	0.009%
10	7.022	662	669	682	rBV	350387	622306	28.93%	2.547%
11	7.204	694	700	715	rVB	298422	464727	21.60%	1.902%
12	7.375	722	729	746	rBV	383979	661014	30.73%	2.705%
13	7.857	804	811	827	rVV	304617	514260	23.90%	2.105%
14	8.575	927	933	948	rBV	432425	773831	35.97%	3.167%
15	9.057	1008	1015	1031	rBV	383129	651117	30.27%	2.665%
16	9.446	1080	1081	1087	rVB6	1718	2365	0.11%	0.010%
17	9.769	1129	1136	1151	rBV	337442	588667	27.36%	2.409%
18	10.298	1218	1226	1248	rBV	403046	808674	37.59%	3.309%
19	10.481	1256	1257	1263	rVB6	2457	2824	0.13%	0.012%
20	10.604	1274	1278	1282	rBV7	1510	3604	0.17%	0.015%
21	10.669	1282	1289	1300	rBV	419704	704965	32.77%	2.885%
22	10.845	1312	1319	1338	rBV	376549	768600	35.73%	3.145%
23	11.522	1431	1434	1437	rVB5	1936	2628	0.12%	0.011%
24	11.563	1439	1441	1443	rBV2	1914	2428	0.11%	0.010%
25	12.287	1559	1564	1574	rBV6	4850	13259	0.62%	0.054%
26	13.045	1688	1693	1695	rVB6	1726	2452	0.11%	0.010%
27	13.145	1704	1710	1713	rVB8	1356	2569	0.12%	0.011%
28	13.357	1742	1746	1753	rVB5	7335	11488	0.53%	0.047%
29	13.634	1790	1793	1797	rVB5	2468	2757	0.13%	0.011%
30	13.681	1797	1801	1805	rBV7	1115	2414	0.11%	0.010%
31	13.734	1805	1810	1814	rVB8	2088	2880	0.13%	0.012%
32	13.875	1831	1834	1838	rBV6	1639	2267	0.11%	0.009%
33	13.939	1838	1845	1861	rVV	889081	1241641	57.72%	5.081%
34	14.216	1886	1892	1910	rVB	956631	1382910	64.28%	5.660%
35	14.516	1936	1943	1958	rBV	643744	926877	43.08%	3.793%
36	14.775	1981	1987	2009	rBV2	159137	461865	21.47%	1.890%

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Instrument :
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ClientSampleId :
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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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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Title : SVOA CALIBRATION

37	15.516	2104	2113	2123	rBV	1218993	1703149	79.17%	6.970%
38	15.669	2132	2139	2151	rBV	357372	563364	26.19%	2.306%
39	15.757	2151	2154	2161	rVB7	6857	12327	0.57%	0.050%
40	16.098	2209	2212	2217	rVB7	2244	3274	0.15%	0.013%
41	16.551	2286	2289	2294	rBV6	2436	3083	0.14%	0.013%
42	16.657	2304	2307	2308	rBV2	2096	2212	0.10%	0.009%
43	16.886	2342	2346	2349	rBV6	1637	2261	0.11%	0.009%
44	17.292	2409	2415	2423	rBV	808669	1122905	52.20%	4.595%
45	17.392	2425	2432	2444	rVV	1302323	1834557	85.28%	7.508%
46	17.627	2469	2472	2479	rVB9	2273	4825	0.22%	0.020%
47	17.722	2484	2488	2490	rBV5	2016	2980	0.14%	0.012%
48	17.933	2520	2524	2527	rBV6	1799	2748	0.13%	0.011%
49	18.139	2556	2559	2561	rBV4	3021	4163	0.19%	0.017%
50	18.316	2586	2589	2593	rBV5	5759	6327	0.29%	0.026%
51	18.398	2599	2603	2605	rBV4	3314	3738	0.17%	0.015%
52	19.145	2728	2730	2734	rBV5	5353	5442	0.25%	0.022%
53	19.216	2738	2742	2745	rVB4	13415	16768	0.78%	0.069%
54	19.280	2748	2753	2757	rVV2	111572	132174	6.14%	0.541%
55	19.516	2788	2793	2797	rBV	402569	448826	20.86%	1.837%
56	19.574	2800	2803	2806	rVB3	17838	16638	0.77%	0.068%
57	19.639	2808	2814	2823	rBV	1606588	2146685	99.79%	8.785%
58	20.098	2889	2892	2896	rBV2	15826	20150	0.94%	0.082%
59	20.333	2928	2932	2937	rBV3	63481	70622	3.28%	0.289%
60	20.539	2963	2967	2972	rBV	329969	344400	16.01%	1.409%
61	20.586	2972	2975	2978	rVV	43096	46929	2.18%	0.192%
62	20.639	2981	2984	2990	rVB4	29226	33979	1.58%	0.139%
63	21.051	3051	3054	3059	rBV3	44070	59020	2.74%	0.242%
64	21.410	3110	3115	3125	rBV	872050	1206270	56.07%	4.937%
65	21.492	3126	3129	3133	rVV	52239	60349	2.81%	0.247%
66	22.468	3292	3295	3301	rVB2	65383	83454	3.88%	0.342%
67	23.727	3500	3509	3519	rVB2	1016323	2151295	100.00%	8.804%
68	23.892	3530	3537	3545	rVB	561167	1169659	54.37%	4.787%

Sum of corrected areas: 24435165

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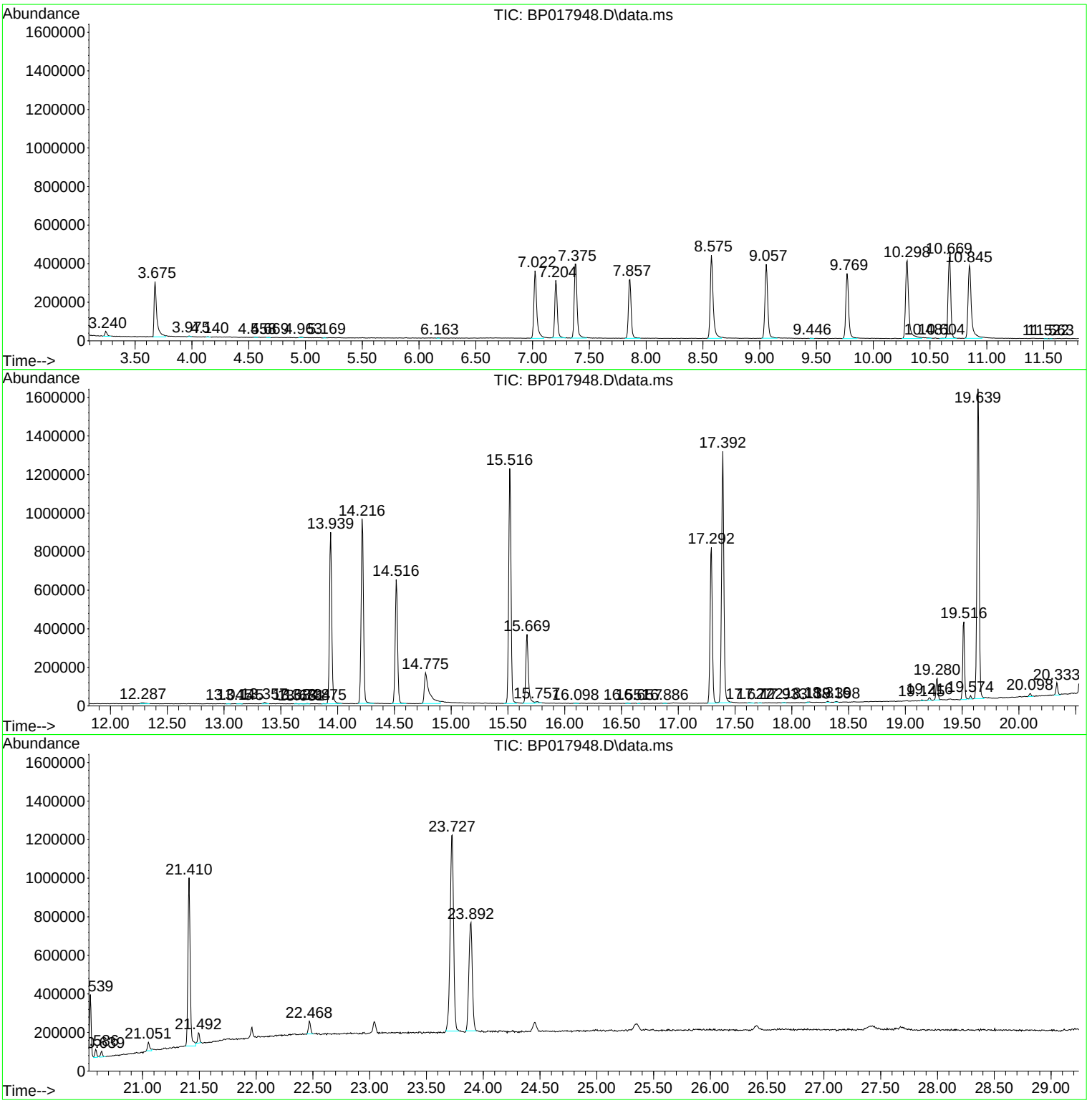
Instrument :
BNA_P
ClientSampleId :
SBLK700

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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



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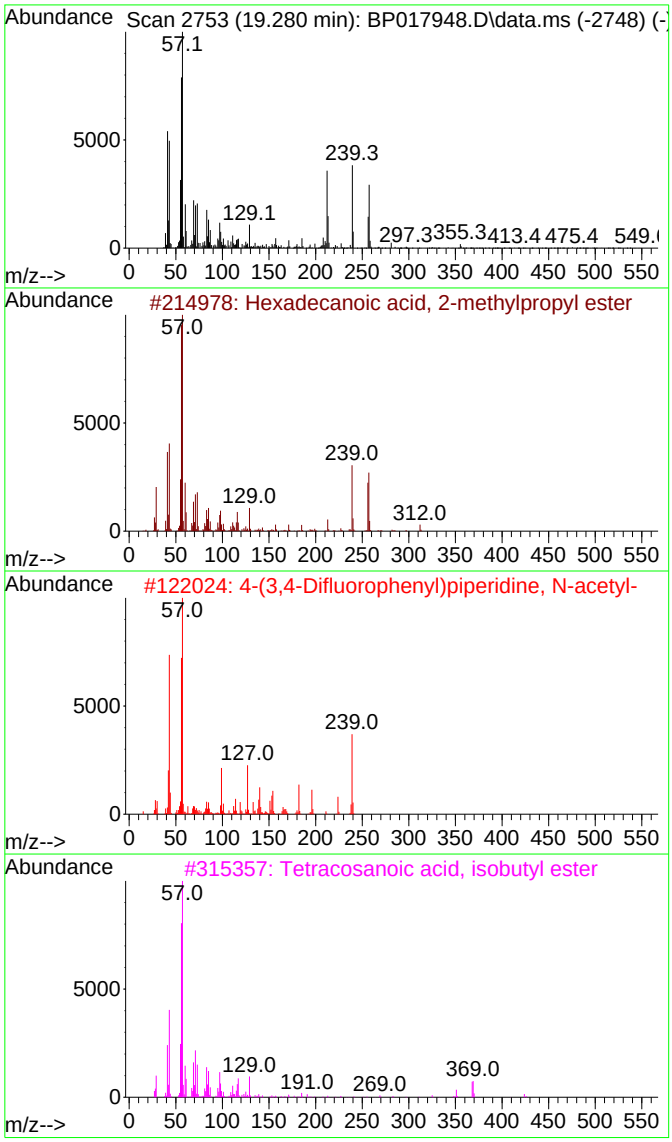
Quant Title : SVOA CALIBRATION

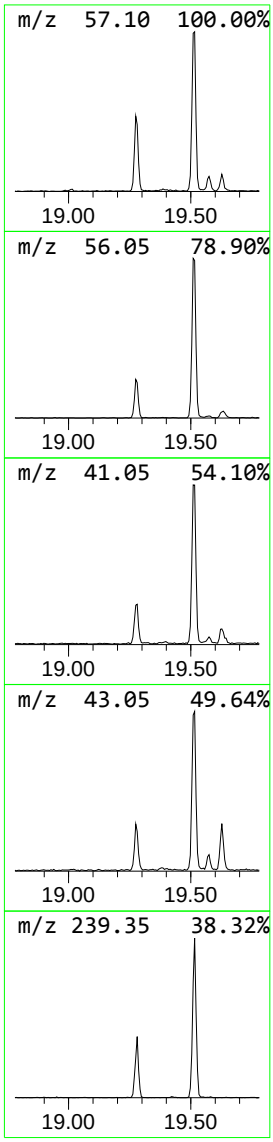
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, 2-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	2.35 ng/ul	132174	Phenanthrene-d10	17.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	62
2	4-(3,4-Difluorophenyl)piperidine...	239	C13H15F2NO	1000505-60-2	43
3	Tetracosanoic acid, isobutyl ester	424	C28H56O2	1010405-17-3	38
4	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	27
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	27





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Instrument :
BNA_P
ClientSampleId :
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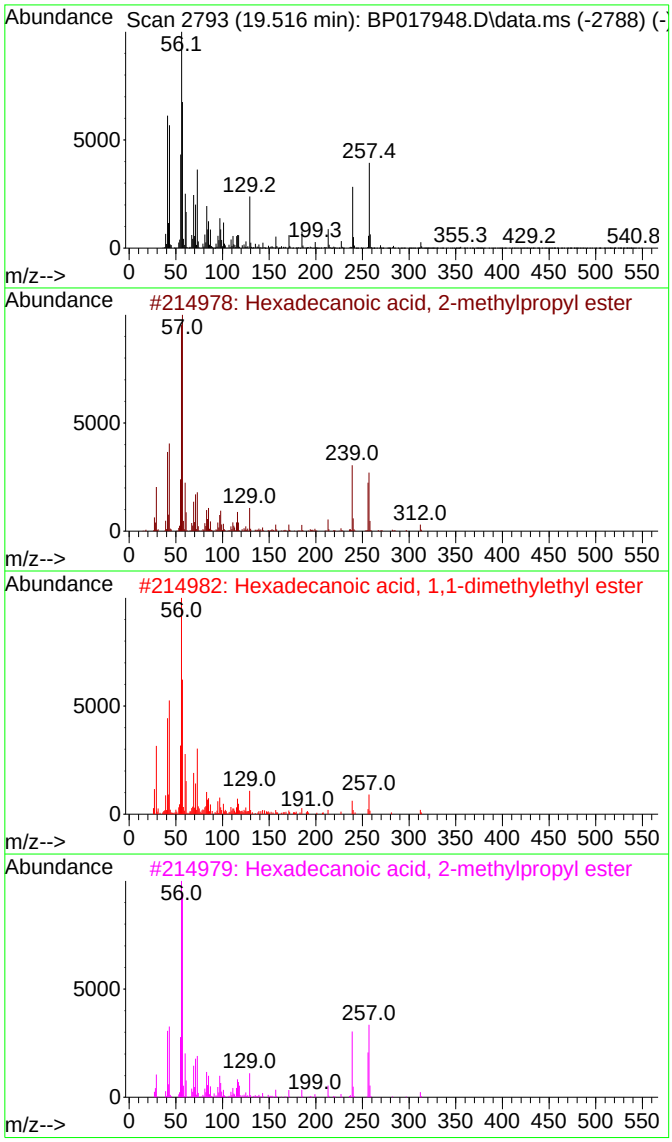
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

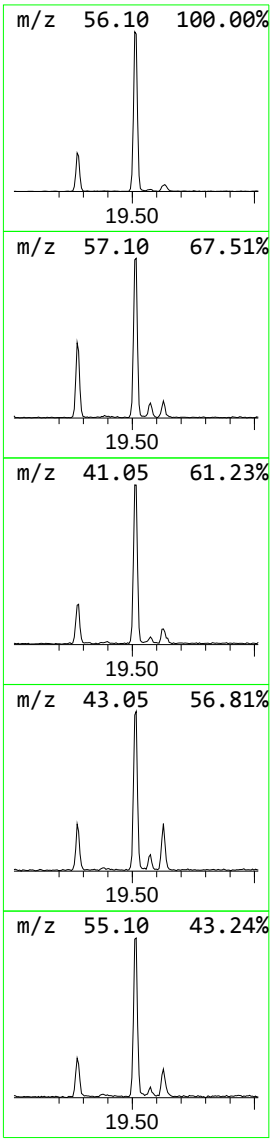
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	7.44 ng/ul	448826	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	93
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	92
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	92
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	50





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Instrument :
BNA_P
ClientSampleId :
SBLK700

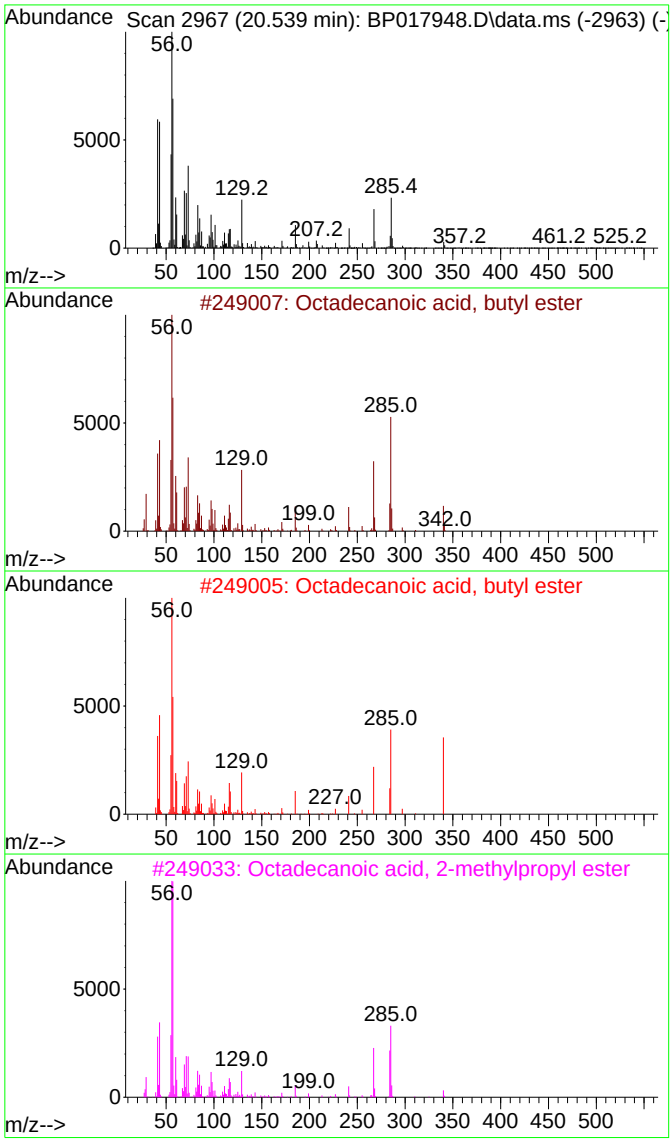
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

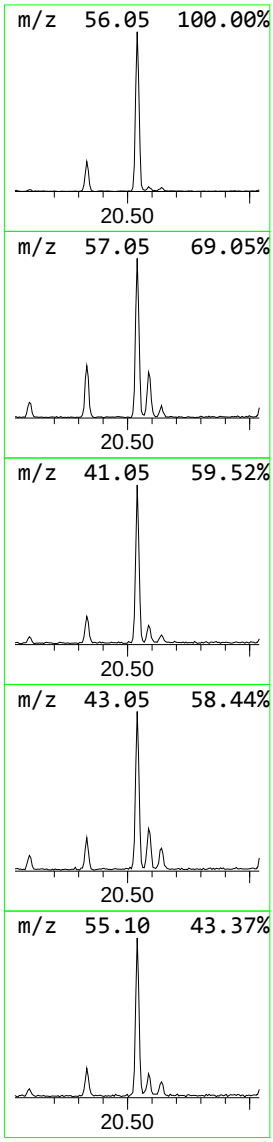
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	5.71 ng/ul	344400	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	93
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78





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
Hexadecanoic ac...	19.280	2.4	ng/ul	132174	4	17.292	1122910	20.0
Hexadecanoic ac...	19.516	7.4	ng/ul	448826	5	21.410	1206270	20.0
Octadecanoic ac...	20.539	5.7	ng/ul	344400	5	21.410	1206270	20.0