LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029814.D
Acq On : 15 Feb 2024 19:04
Operator : MA/JU
Sample : P1329-21
Misc :
ALS Vial : 94 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FM6

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_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029814.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.317	36	39	46	rBV	44069	59214	1.81%	0.148%
2	3.611	86	89	92	rBV2	7048	9244	0.28%	0.023%
3	3.728	106	109	127	rBV	418287	678511	20.72%	1.700%
4	4.052	160	164	168	rBV	10341	14682	0.45%	0.037%
5	4.746	280	282	287	rVB6	2848	3858	0.12%	0.010%
6	5.975	488	491	494	rVB5	2874	3851	0.12%	0.010%
7	6.875	637	644	646	rBV8	3814	8978	0.27%	0.022%
8	7.034	665	671	685	rBV	695154	1122448	34.28%	2.813%
9	7.211	695	701	715	rVB	559864	864328	26.39%	2.166%
10	7.393	725	732	744	rBV	698382	1122524	34.28%	2.813%
11	7.487	744	748	756	rBV2	26640	51323	1.57%	0.129%
12	7.863	805	812	819	rVV	610686	1006932	30.75%	2.523%
13	7.928	819	823	830	rVB	32869	53583	1.64%	0.134%
14	8.581	927	934	946	rBV	788866	1282834	39.17%	3.215%
15	9.034	1003	1011	1020	rBV	660307	1070142	32.68%	2.682%
16	9.140	1026	1029	1032	rVB5	3066	3523	0.11%	0.009%
17	9.199	1036	1039	1043	rVB4	7318	9864	0.30%	0.025%
18	9.422	1072	1077	1082	rBV6	6562	12124	0.37%	0.030%
19	9.752	1124	1133	1145	rBV	519875	874683	26.71%	2.192%
20	10.287	1214	1224	1239	rBV	785390	1327920	40.55%	3.328%
21	10.663	1280	1288	1297	rBV	832451	1405011	42.90%	3.521%
22	10.810	1305	1313	1329	rBV	750983	1344942	41.07%	3.370%
23	11.469	1421	1425	1431	rBV7	2596	3774	0.12%	0.009%
24	12.257	1553	1559	1566	rVB2	12372	21842	0.67%	0.055%
25	12.593	1611	1616	1619	rBV6	2948	5577	0.17%	0.014%
26	13.122	1705	1706	1711	rVB5	3699	4536	0.14%	0.011%
27	13.340	1738	1743	1748	rBV4	10249	15153	0.46%	0.038%
28	13.416	1750	1756	1763	rVV	59491	98182	3.00%	0.246%
29	13.481	1763	1767	1771	rVB7	2841	5203	0.16%	0.013%
30	13.740	1806	1811	1818	rBV2	21086	35526	1.08%	0.089%
31	13.934	1834	1844	1852	rBV	1296157	1813914	55.39%	4.546%
32	14.204	1879	1890	1905	rBV	1485285	2181306	66.61%	5.466%
33	14.510	1936	1942	1950	rBV	1157425	1670737	51.02%	4.187%
34	14.616	1957	1960	1965	rVB6	2929	4380	0.13%	0.011%
35	14.722	1971	1978	1995	rBV	498827	851398	26.00%	2.134%
36	14.940	2011	2015	2021	rVB7	7223	14122	0.43%	0.035%

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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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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

37	15.316	2074	2079	2082	rBV4	3650	4543	0.14%	0.011%
38	15.504	2105	2111	2118	rBV	1759253	2598460	79.35%	6.512%
39	15.634	2126	2133	2148	rBV	463706	663891	20.27%	1.664%
40	15.745	2148	2152	2157	rVB7	8367	11569	0.35%	0.029%
41	15.975	2189	2191	2196	rVB6	3244	4200	0.13%	0.011%
42	16.069	2203	2207	2211	rBV7	3613	5598	0.17%	0.014%
43	16.298	2240	2246	2250	rBV9	6075	8890	0.27%	0.022%
44	16.416	2258	2266	2267	rBV7	2297	5005	0.15%	0.013%
45	16.669	2307	2309	2316	rVB6	5541	6560	0.20%	0.016%
46	16.810	2330	2333	2339	rVB6	2702	4230	0.13%	0.011%
47	16.869	2339	2343	2345	rBV5	3104	3976	0.12%	0.010%
48	17.039	2368	2372	2376	rBV5	5025	9111	0.28%	0.023%
49	17.198	2397	2399	2403	rVB4	4363	4467	0.14%	0.011%
50	17.263	2404	2410	2417	rVV	1400462	1950497	59.56%	4.888%
51	17.363	2420	2427	2438	rVV2	1953416	2818384	86.06%	7.063%
52	17.469	2442	2445	2451	rVB6	13690	19566	0.60%	0.049%
53	17.669	2475	2479	2487	rVB6	7132	13510	0.41%	0.034%
54	17.957	2523	2528	2532	rBV	23306	32401	0.99%	0.081%
55	18.045	2540	2543	2546	rBV4	4339	5405	0.17%	0.014%
56	18.175	2559	2565	2575	rBV	281634	410131	12.52%	1.028%
57	18.481	2612	2617	2619	rBV6	4110	6746	0.21%	0.017%
58	18.610	2636	2639	2643	rVB6	8765	9988	0.30%	0.025%
59	18.769	2665	2666	2670	rBV3	3455	3696	0.11%	0.009%
60	18.845	2676	2679	2685	rVB7	4963	7824	0.24%	0.020%
61	19.110	2721	2724	2725	rBV3	5699	6115	0.19%	0.015%
62	19.133	2725	2728	2731	rVB4	9954	12666	0.39%	0.032%
63	19.228	2739	2744	2748	rBV4	26879	38170	1.17%	0.096%
64	19.298	2752	2756	2760	rVV	20230	29768	0.91%	0.075%
65	19.339	2760	2763	2765	rVB4	7345	8180	0.25%	0.020%
66	19.457	2779	2783	2788	rBV	85942	116984	3.57%	0.293%
67	19.604	2804	2808	2812	rBV2	34196	45413	1.39%	0.114%
68	19.663	2812	2818	2826	rVV	2410991	3274757	100.00%	8.207%
69	19.928	2859	2863	2866	rVB2	29267	34076	1.04%	0.085%
70	20.198	2906	2909	2912	rBV5	11699	17751	0.54%	0.044%
71	20.610	2976	2979	2982	rVB4	20294	21992	0.67%	0.055%
72	21.198	3074	3079	3087	rBV	359792	529589	16.17%	1.327%
73	21.463	3119	3124	3134	rBV2	1541532	2070570	63.23%	5.189%
74	21.592	3143	3146	3151	rVB4	30396	37302	1.14%	0.093%
75	21.645	3153	3155	3161	rVB5	29832	35706	1.09%	0.089%
76	21.898	3195	3198	3203	rVB3	43552	48013	1.47%	0.120%

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Instrument :
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ClientSampleId :
C0FM6

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

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

77	23.157	3409	3412	3418	rVB2	71105	100870	3.08%	0.253%
78	23.680	3494	3501	3512	rBV2	1619559	3222700	98.41%	8.076%
79	23.833	3521	3527	3538	rVB	1067857	2152565	65.73%	5.394%
80	24.510	3637	3642	3649	rVB	94559	189074	5.77%	0.474%
81	24.598	3653	3657	3670	rVB7	92539	247338	7.55%	0.620%

Sum of corrected areas: 39904416

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BNA_N
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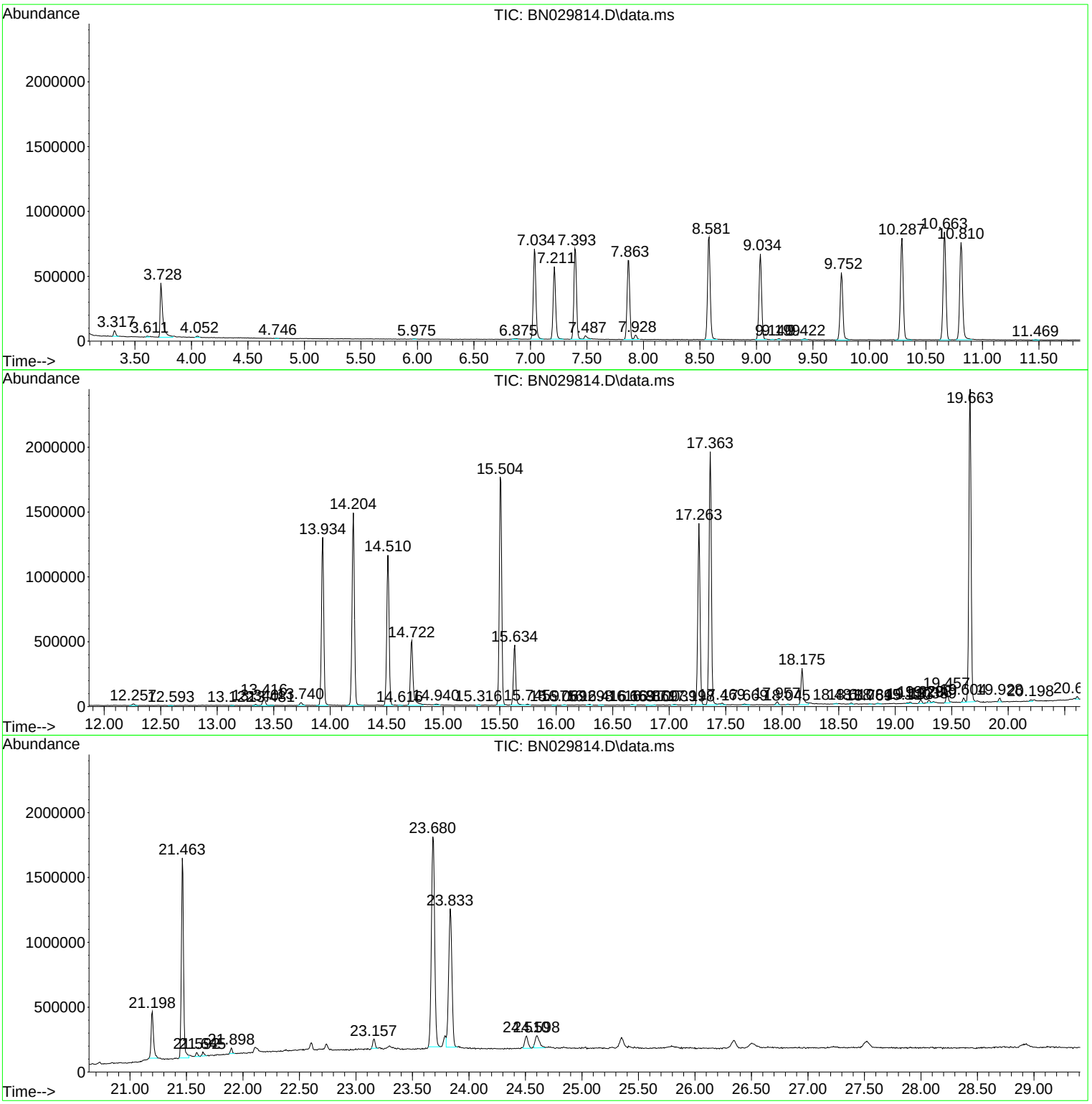
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



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ALS Vial : 94 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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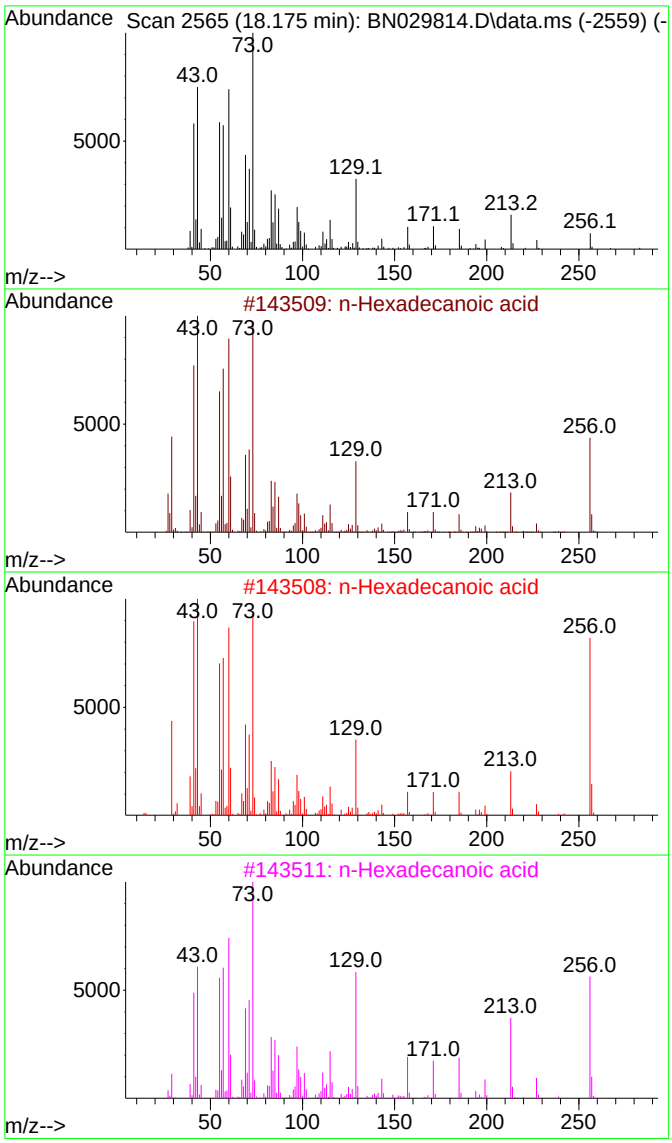
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

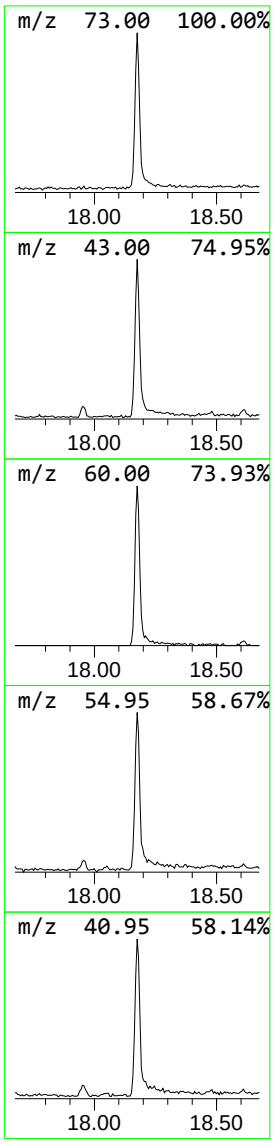
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	4.21 ng/ul	410131	Phenanthrene-d10	17.263

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	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Instrument :
BNA_N
ClientSampleId :
C0FM6

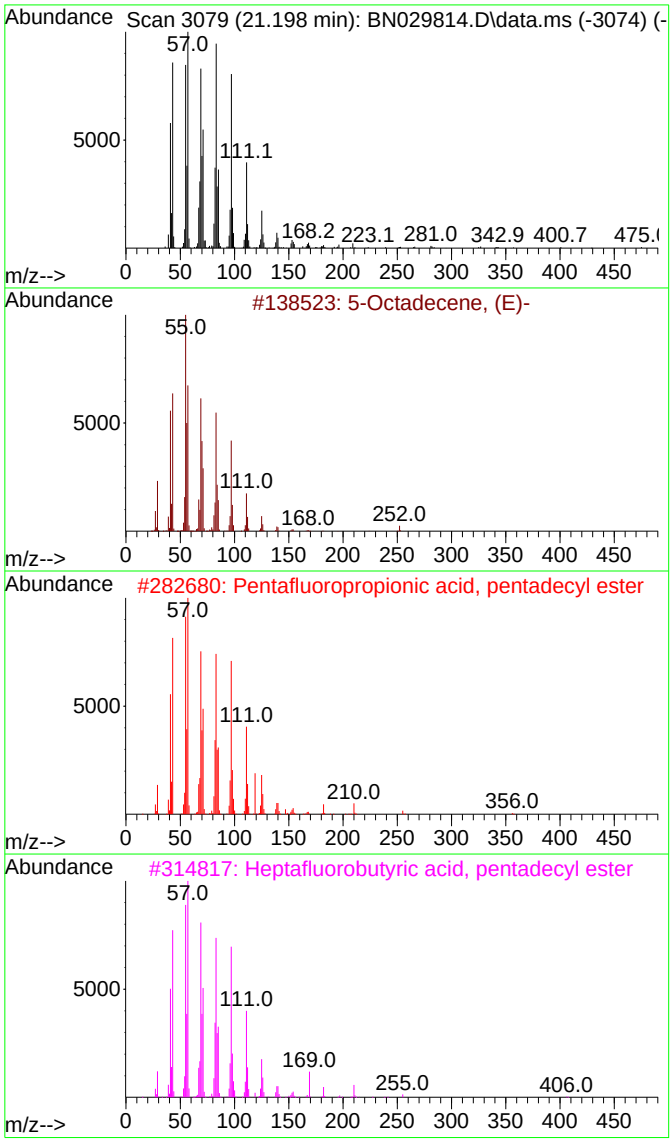
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

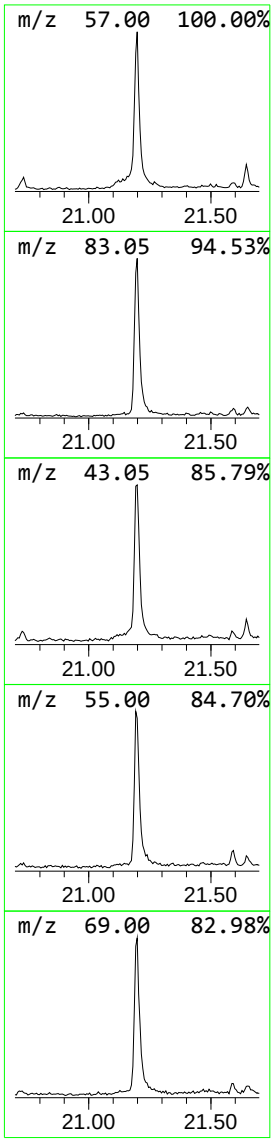
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	5.12 ng/ul	529589	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





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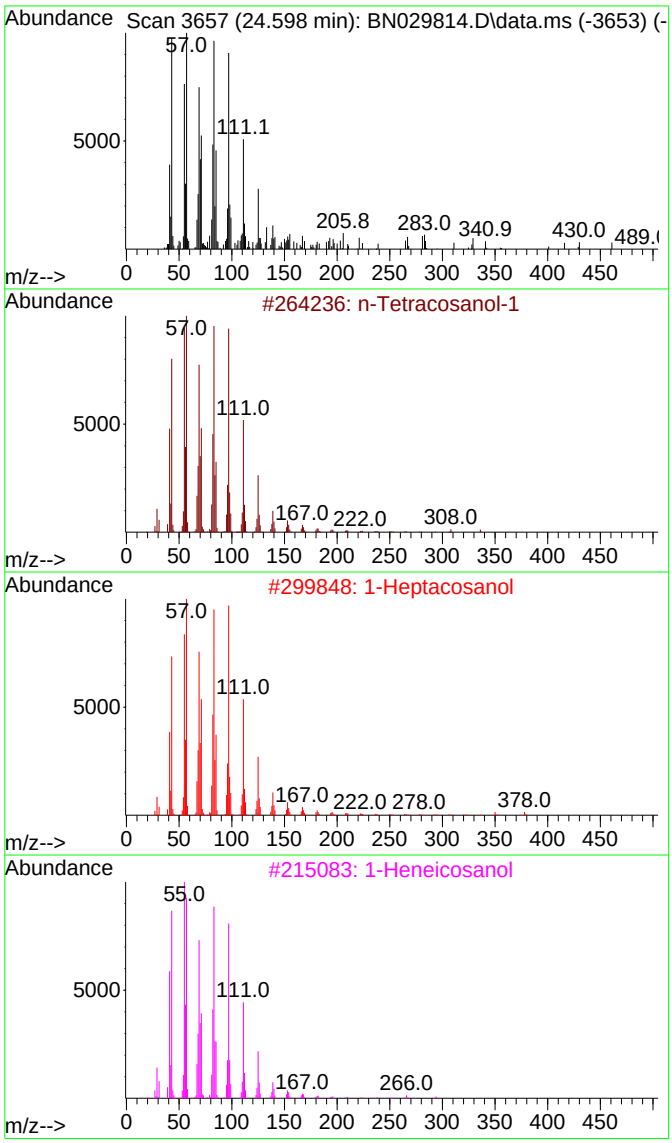
Quant Title : SVOA CALIBRATION

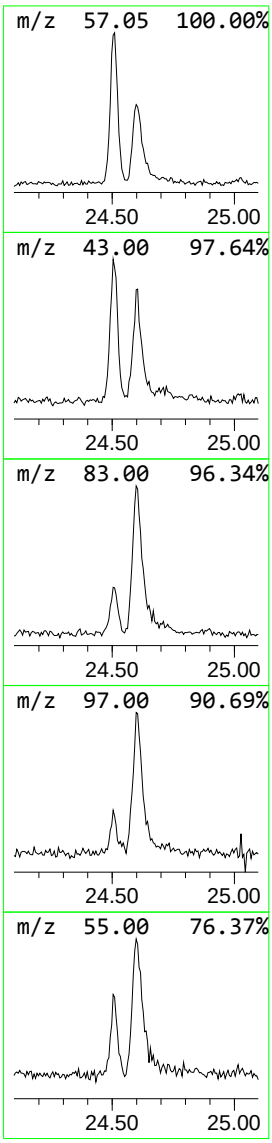
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.598	2.30 ng/ul	247338	Perylene-d12	23.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	90





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
n-Hexadecanoic ...	18.175	4.2	ng/ul	410131	4	17.263	1950500	20.0
(DEL) Alkane: S...	21.198	5.1	ng/ul	529589	5	21.463	2070570	20.0
n-Tetracosanol-1	24.598	2.3	ng/ul	247338	6	23.833	2152570	20.0