LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029736.D
Acq On : 13 Feb 2024 17:04
Operator : MA/JU
Sample : P1305-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FQ1

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: BN029736.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	30	34	37	rBV	46366	65278	2.22%	0.152%
2	3.322	37	40	55	rVB	65704	106472	3.62%	0.248%
3	3.734	106	110	129	rBV	528238	887816	30.19%	2.068%
4	4.058	161	165	169	rVB	21454	28624	0.97%	0.067%
5	4.999	323	325	329	rVB4	7305	9174	0.31%	0.021%
6	5.510	408	412	413	rBV4	3467	3602	0.12%	0.008%
7	7.040	665	672	684	rBV	817718	1295831	44.06%	3.019%
8	7.216	695	702	713	rBV	709764	1119274	38.06%	2.607%
9	7.399	726	733	745	rBV	848195	1323064	44.99%	3.082%
10	7.499	746	750	758	rVV2	14624	28784	0.98%	0.067%
11	7.869	805	813	821	rBV	955268	1503220	51.12%	3.502%
12	7.934	821	824	830	rVB	12857	20940	0.71%	0.049%
13	8.293	881	885	887	rBV5	3195	4171	0.14%	0.010%
14	8.581	925	934	946	rBV	873794	1410025	47.95%	3.285%
15	9.040	1004	1012	1020	rBV	789547	1321189	44.93%	3.078%
16	9.434	1072	1079	1083	rBV2	10121	16446	0.56%	0.038%
17	9.757	1126	1134	1147	rBV	605437	1020156	34.69%	2.376%
18	9.998	1170	1175	1177	rBV5	2603	3204	0.11%	0.007%
19	10.104	1192	1193	1197	rBV4	3014	2942	0.10%	0.007%
20	10.293	1217	1225	1239	rBV	894543	1515155	51.52%	3.530%
21	10.669	1278	1289	1298	rBV	1222945	2036507	69.25%	4.744%
22	10.816	1305	1314	1331	rBV	888841	1581185	53.77%	3.683%
23	12.098	1527	1532	1535	rBV7	3660	5664	0.19%	0.013%
24	12.263	1555	1560	1568	rVB2	15412	26062	0.89%	0.061%
25	12.469	1590	1595	1598	rVV6	2820	4000	0.14%	0.009%
26	12.687	1627	1632	1633	rBV5	2980	3082	0.10%	0.007%
27	12.863	1656	1662	1667	rBV9	3028	7739	0.26%	0.018%
28	12.957	1677	1678	1683	rBV5	2736	3534	0.12%	0.008%
29	13.028	1686	1690	1693	rVV6	3835	5464	0.19%	0.013%
30	13.051	1693	1694	1699	rVB5	2580	3054	0.10%	0.007%
31	13.134	1704	1708	1710	rBV5	2175	3116	0.11%	0.007%
32	13.345	1739	1744	1749	rBV5	9489	13532	0.46%	0.032%
33	13.416	1750	1756	1762	rBV	61501	97805	3.33%	0.228%
34	13.745	1806	1812	1818	rBV6	6174	11361	0.39%	0.026%
35	13.934	1836	1844	1860	rBV	1437873	2036132	69.24%	4.743%
36	14.045	1860	1863	1867	rVV4	4384	6601	0.22%	0.015%

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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

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

37	14.210	1881	1891	1903	rBV	1652338	2520280	85.70%	5.871%
38	14.287	1903	1904	1909	rVV5	3599	4328	0.15%	0.010%
39	14.422	1922	1927	1931	rVB7	4726	9461	0.32%	0.022%
40	14.516	1935	1943	1951	rBV	1426197	2155026	73.28%	5.020%
41	14.722	1969	1978	1999	rBV	452982	790094	26.87%	1.841%
42	14.939	2011	2015	2024	rVB10	7017	13741	0.47%	0.032%
43	15.045	2030	2033	2037	rVB6	3170	4891	0.17%	0.011%
44	15.122	2042	2046	2049	rVB5	3962	5768	0.20%	0.013%
45	15.322	2076	2080	2082	rBV4	3536	5582	0.19%	0.013%
46	15.381	2086	2090	2095	rVB5	5237	8599	0.29%	0.020%
47	15.510	2105	2112	2123	rBV	2049257	2908413	98.90%	6.775%
48	15.633	2125	2133	2145	rBV	459418	653872	22.23%	1.523%
49	15.745	2150	2152	2157	rVB4	9492	11780	0.40%	0.027%
50	16.298	2240	2246	2250	rVB6	8070	13518	0.46%	0.031%
51	16.651	2302	2306	2308	rBV5	3331	4361	0.15%	0.010%
52	16.675	2308	2310	2314	rVB5	4674	5924	0.20%	0.014%
53	16.822	2331	2335	2338	rVB6	5239	7080	0.24%	0.016%
54	16.945	2353	2356	2360	rBV5	3836	4446	0.15%	0.010%
55	17.051	2369	2374	2377	rBV5	4356	9024	0.31%	0.021%
56	17.175	2392	2395	2399	rBV5	3097	4524	0.15%	0.011%
57	17.263	2404	2410	2418	rBV	1479164	2186677	74.36%	5.094%
58	17.363	2421	2427	2437	rBV2	1870229	2727435	92.74%	6.354%
59	17.469	2442	2445	2451	rVB8	12941	19739	0.67%	0.046%
60	17.663	2475	2478	2483	rVB7	2443	4606	0.16%	0.011%
61	17.775	2495	2497	2501	rVB5	2917	3016	0.10%	0.007%
62	17.957	2525	2528	2532	rBV4	10111	13059	0.44%	0.030%
63	18.051	2541	2544	2545	rBV3	2794	3294	0.11%	0.008%
64	18.127	2552	2557	2558	rBV5	3135	4135	0.14%	0.010%
65	18.175	2560	2565	2577	rBV	233859	363340	12.35%	0.846%
66	18.475	2613	2616	2620	rBV6	5833	11001	0.37%	0.026%
67	18.610	2636	2639	2642	rBV5	3364	3901	0.13%	0.009%
68	18.845	2676	2679	2683	rBV6	5330	8132	0.28%	0.019%
69	19.227	2740	2744	2749	rVB4	21212	30730	1.04%	0.072%
70	19.298	2753	2756	2761	rBV2	18604	35809	1.22%	0.083%
71	19.339	2761	2763	2767	rVB4	10632	12532	0.43%	0.029%
72	19.463	2780	2784	2790	rBV	80636	108890	3.70%	0.254%
73	19.663	2812	2818	2826	rBV	2160489	2940845	100.00%	6.851%
74	20.204	2906	2910	2913	rBV6	11594	17275	0.59%	0.040%
75	20.233	2913	2915	2919	rVB4	11266	12746	0.43%	0.030%
76	21.198	3074	3079	3088	rBV	298322	432823	14.72%	1.008%

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Integrator: RTE
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Title : SVOA CALIBRATION

77	21.463	3119	3124	3139	rBV	1447728	2022034	68.76%	4.710%
78	23.163	3410	3413	3417	rBV3	45534	57671	1.96%	0.134%
79	23.680	3494	3501	3513	rBV2	1386789	2833155	96.34%	6.600%
80	23.839	3521	3528	3543	rVB	1067741	2209495	75.13%	5.147%
81	24.598	3653	3657	3668	rVB3	95763	193725	6.59%	0.451%

Sum of corrected areas: 42926982

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Instrument :
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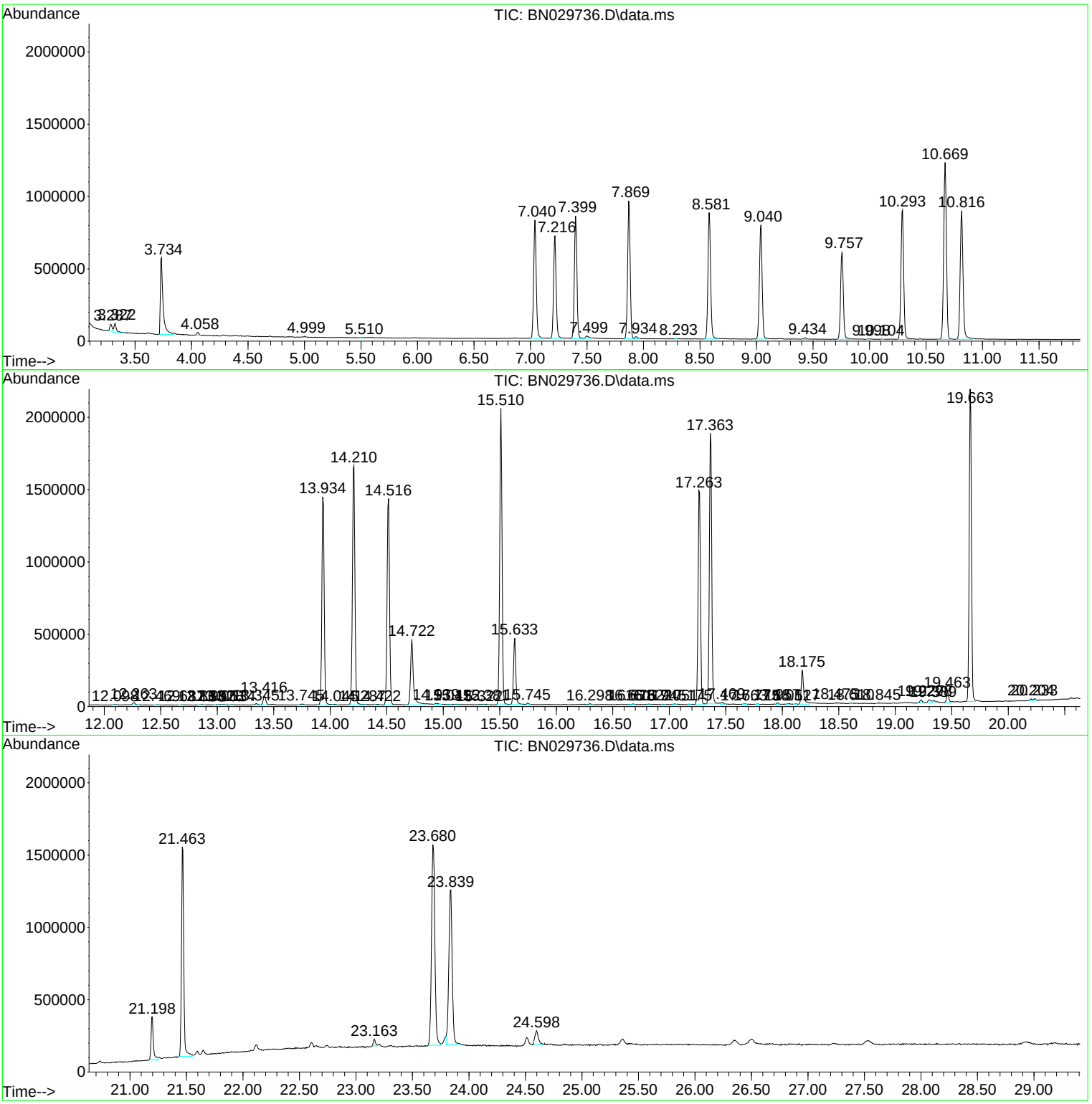
C0FQ1

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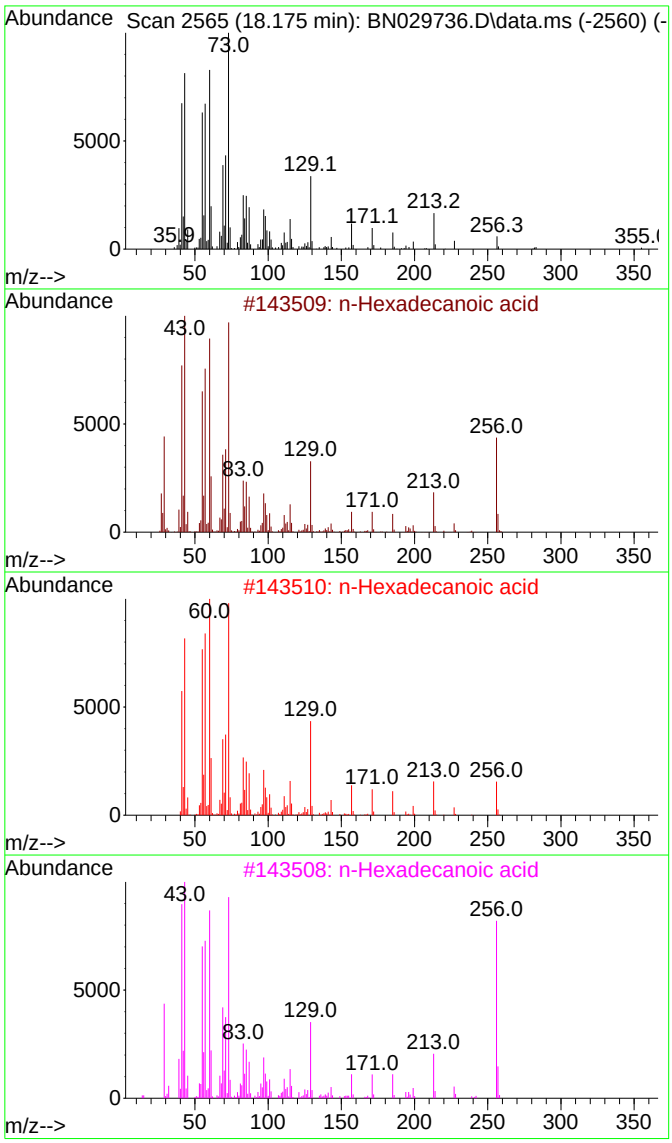
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

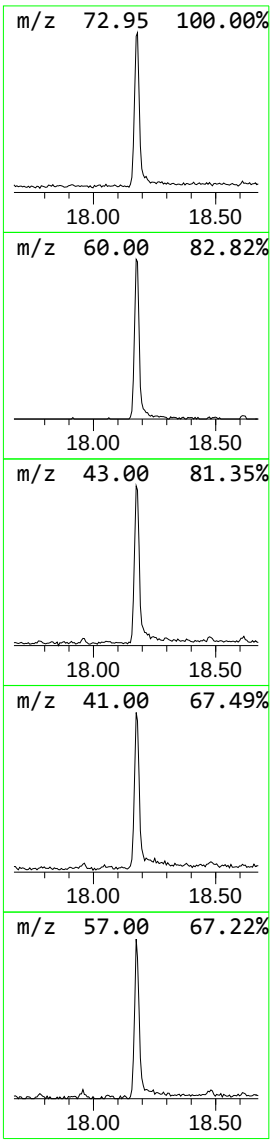
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	3.32 ng/ul	363340	Phenanthrene-d10	17.269

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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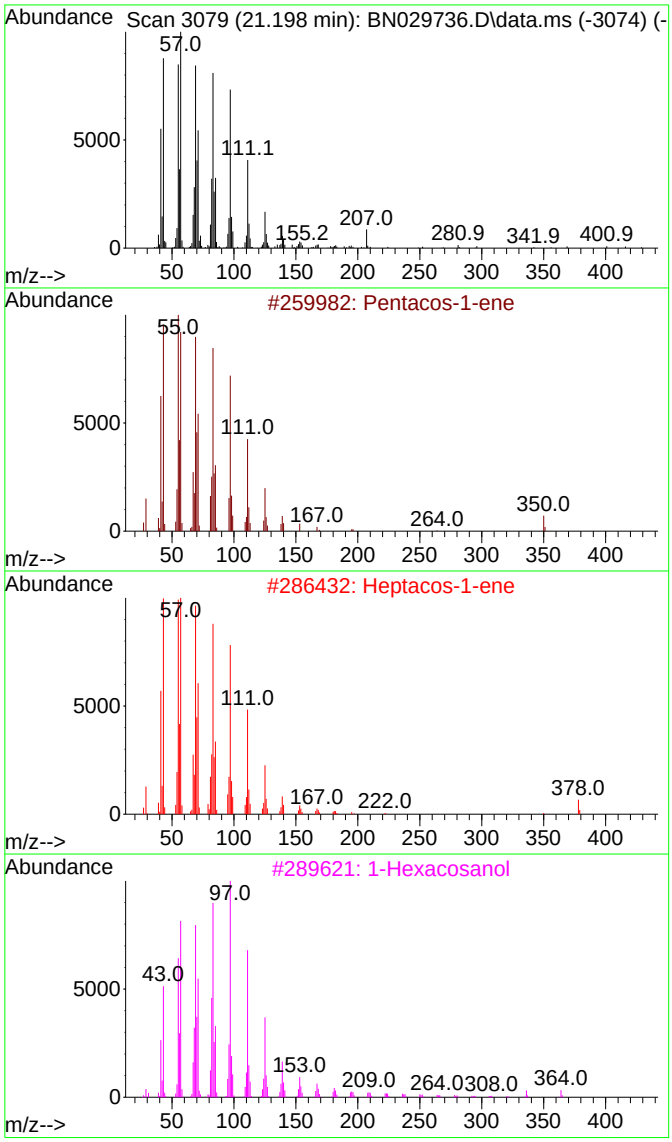
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

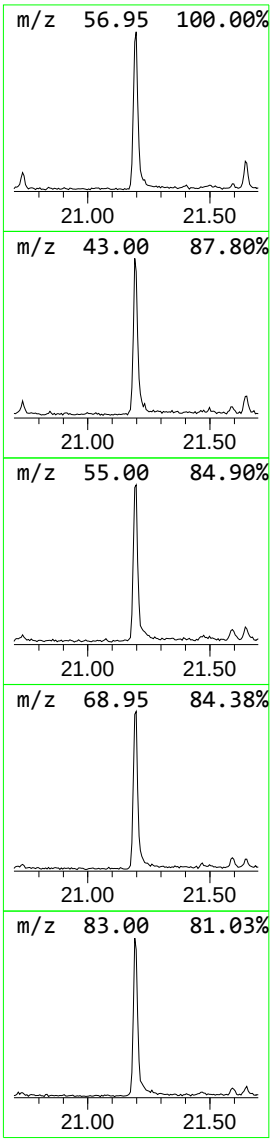
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	4.28 ng/ul	432823	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	Heptacos-1-ene	378	C27H54	015306-27-1	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





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 ...	18.174	3.3	ng/ul	363340	4	17.269	2186680	20.0
(DEL) Alkane: S...	21.198	4.3	ng/ul	432823	5	21.463	2022030	20.0