LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016111.D
Acq On : 09 Jul 2023 02:05
Operator : MA/JU
Sample : 03350-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : YBW28

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	24	27	34	rVB	37001	57374	0.74%	0.076%
2	3.805	102	105	129	rBV	315453	764802	9.82%	1.015%
3	4.116	155	158	166	rVB3	15314	24684	0.32%	0.033%
4	7.228	680	687	703	rBV2	388193	1301866	16.71%	1.727%
5	7.357	703	709	738	rVV	380390	1140839	14.64%	1.513%
6	7.563	738	744	774	rVB	505702	1307457	16.78%	1.734%
7	8.022	815	822	845	rBV	506572	1538964	19.75%	2.041%
8	8.216	851	855	860	rVB7	6033	10964	0.14%	0.015%
9	8.781	943	951	984	rBV	547216	2044865	26.24%	2.713%
10	9.228	1020	1027	1058	rBV	509983	1514517	19.44%	2.009%
11	9.969	1144	1153	1183	rBV2	319800	1332449	17.10%	1.768%
12	10.551	1245	1252	1289	rBV	370873	1971209	25.30%	2.615%
13	10.851	1295	1303	1326	rVB	954600	2421576	31.08%	3.212%
14	11.051	1330	1337	1362	rBV	405461	1835433	23.56%	2.435%
15	12.034	1501	1504	1507	rVB4	5934	7855	0.10%	0.010%
16	12.528	1580	1588	1592	rVV3	11110	29079	0.37%	0.039%
17	13.286	1712	1717	1719	rBV6	5341	8825	0.11%	0.012%
18	13.557	1757	1763	1770	rBV3	26352	54320	0.70%	0.072%
19	14.016	1838	1841	1845	rBV6	5418	7955	0.10%	0.011%
20	14.092	1847	1854	1881	rVV	1787204	3916941	50.27%	5.196%
21	14.304	1887	1890	1894	rBV5	5279	8219	0.11%	0.011%
22	14.369	1894	1901	1927	rBV	2522867	4515120	57.95%	5.989%
23	14.675	1945	1953	1971	rBV	1959552	3468292	44.51%	4.601%
24	15.016	2001	2011	2026	rBV3	189621	979110	12.57%	1.299%
25	15.439	2081	2083	2090	rVB5	11572	17282	0.22%	0.023%
26	15.498	2090	2093	2100	rVB7	11585	17549	0.23%	0.023%
27	15.680	2117	2124	2149	rBV	2579624	5707026	73.24%	7.571%
28	15.869	2149	2156	2182	rBV	347644	1484347	19.05%	1.969%
29	16.051	2182	2187	2201	rVB	551352	904350	11.61%	1.200%
30	16.322	2229	2233	2238	rVB3	11610	15762	0.20%	0.021%
31	16.604	2276	2281	2290	rBV	72227	111172	1.43%	0.147%
32	16.863	2320	2325	2332	rBV	7360	15397	0.20%	0.020%
33	16.922	2332	2335	2338	rVB4	9121	9905	0.13%	0.013%
34	17.104	2362	2366	2370	rBV7	9782	15647	0.20%	0.021%
35	17.145	2370	2373	2376	rVB5	8631	8636	0.11%	0.011%
36	17.433	2415	2422	2435	rBV	2774922	4341389	55.72%	5.759%

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Title : SVOA CALIBRATION

37	17.545	2435	2441	2466	rVV2	2555645	6269513	80.46%	8.317%
38	17.898	2499	2501	2507	rVB7	7000	9446	0.12%	0.013%
39	18.292	2563	2568	2579	rBV	438923	887309	11.39%	1.177%
40	19.139	2708	2712	2720	rBV4	62440	95741	1.23%	0.127%
41	19.351	2744	2748	2751	rBV2	53694	73354	0.94%	0.097%
42	19.521	2772	2777	2791	rBV2	195712	434864	5.58%	0.577%
43	19.768	2813	2819	2840	rBV	3644000	7791719	100.00%	10.336%
44	21.221	3061	3066	3078	rBV2	391251	980061	12.58%	1.300%
45	21.545	3115	3121	3131	rBV	2123862	4746390	60.92%	6.296%
46	23.898	3514	3521	3539	rVB2	2857498	6680053	85.73%	8.861%
47	24.068	3544	3550	3577	rVB	1412441	4504727	57.81%	5.976%

Sum of corrected areas: 75384354

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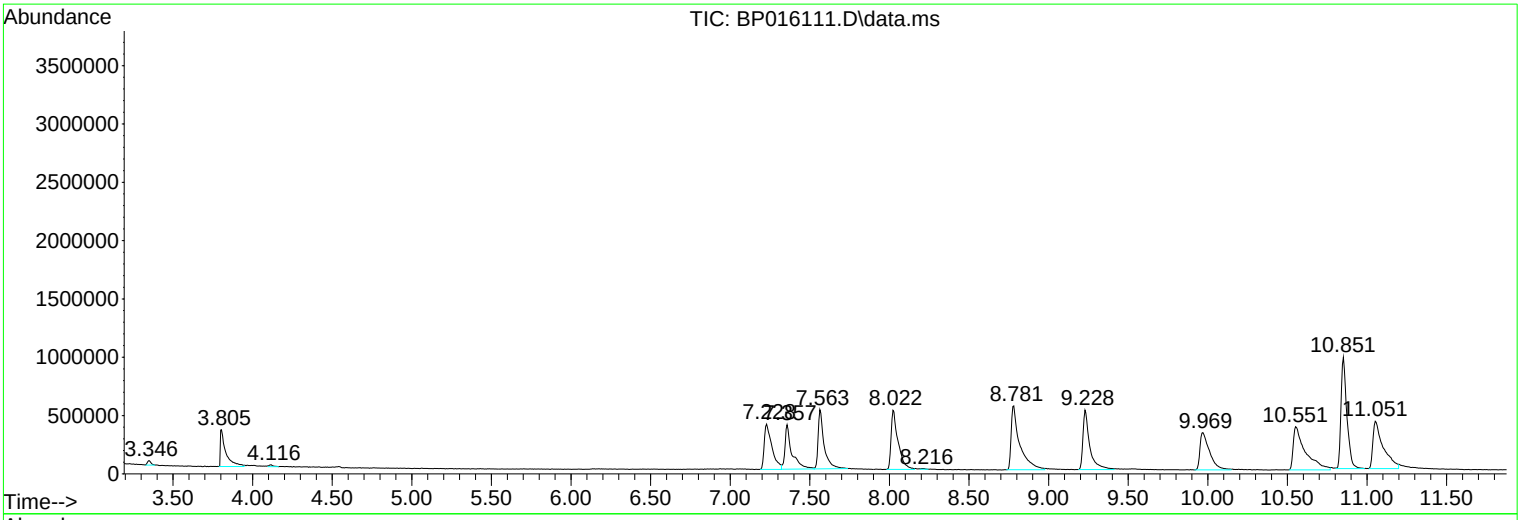
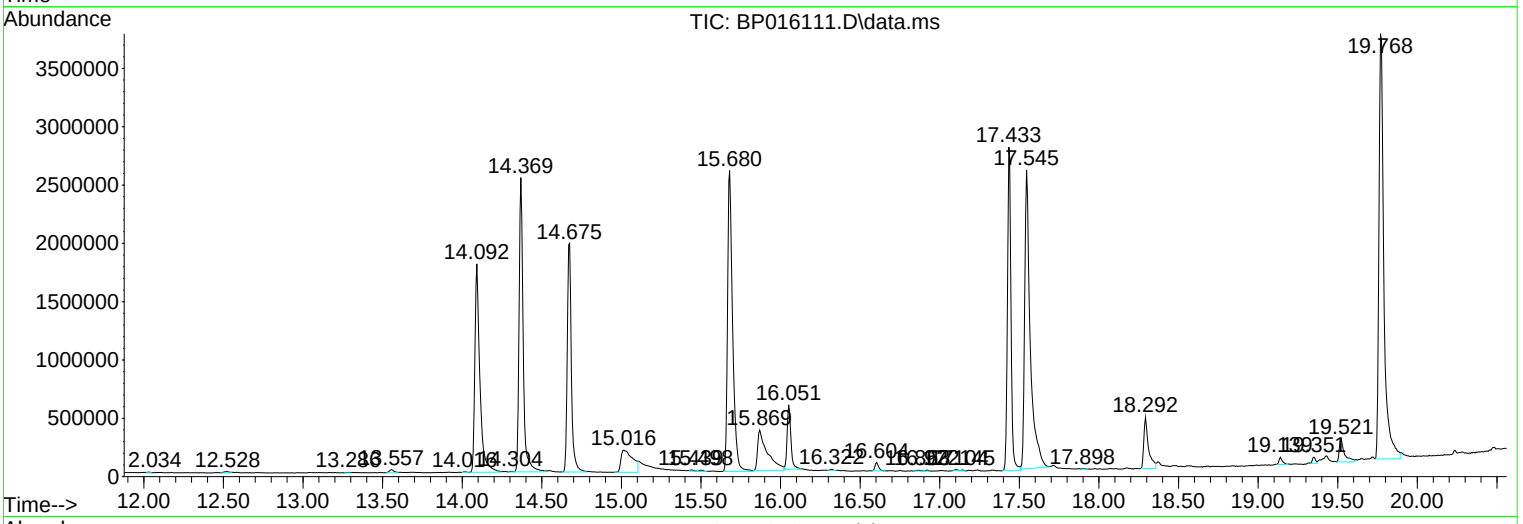
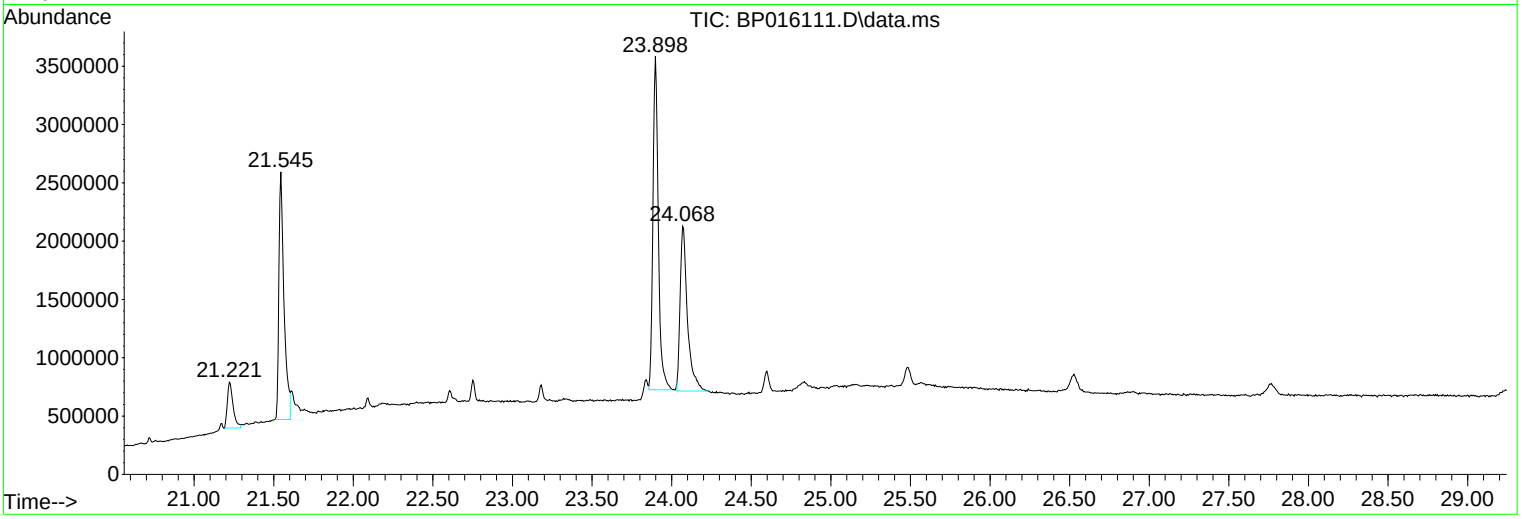
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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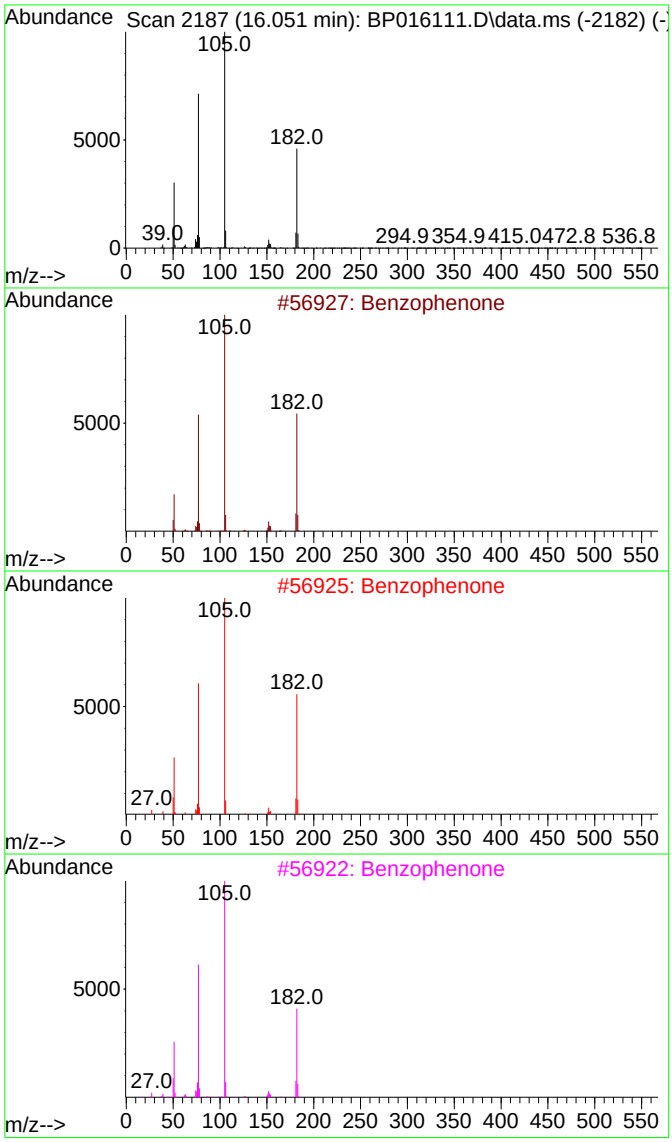
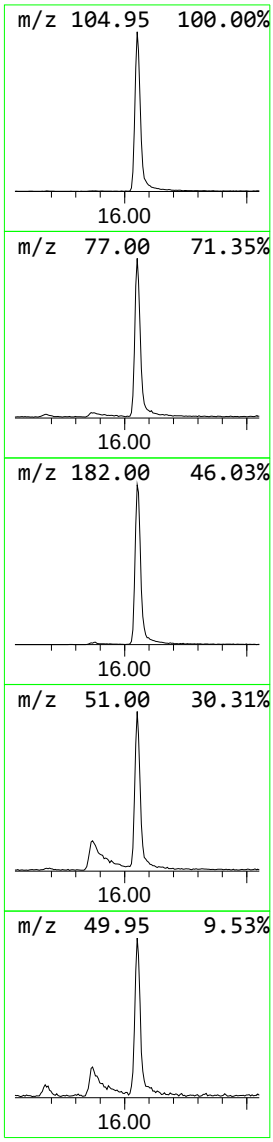
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	5.21 ng/ul	904350	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





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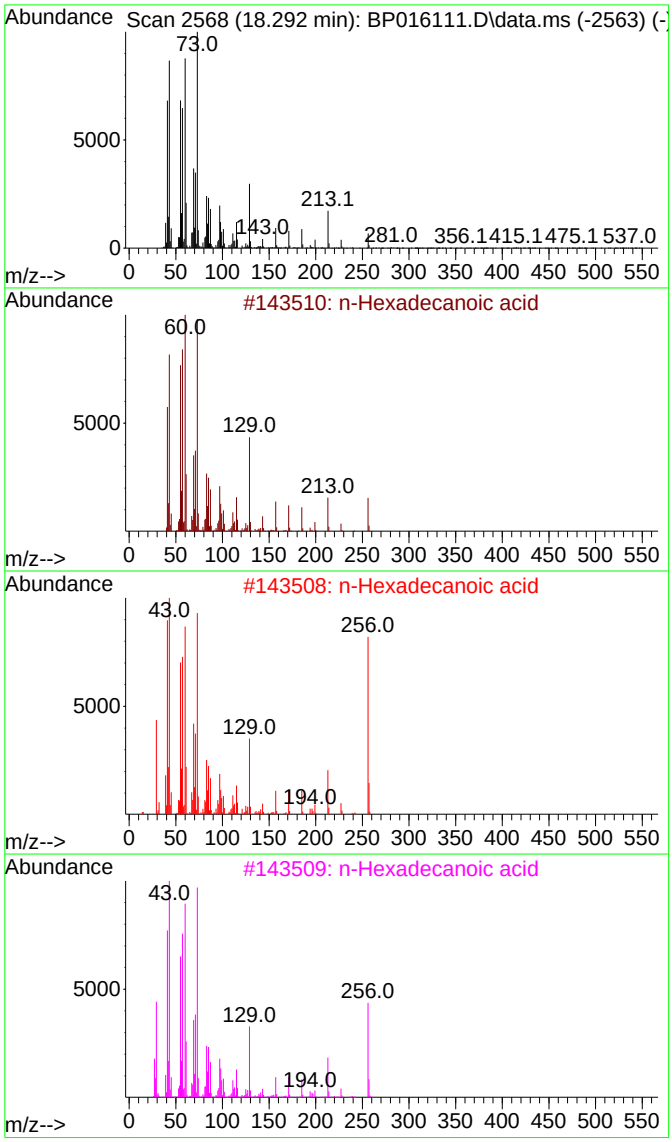
Quant Title : SVOA CALIBRATION

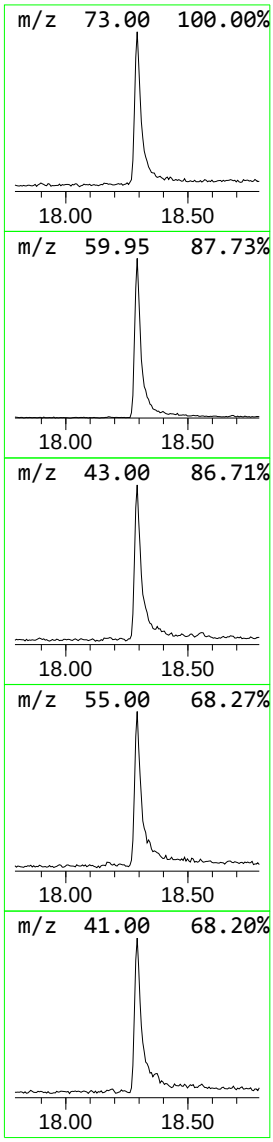
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	4.09 ng/ul	887309	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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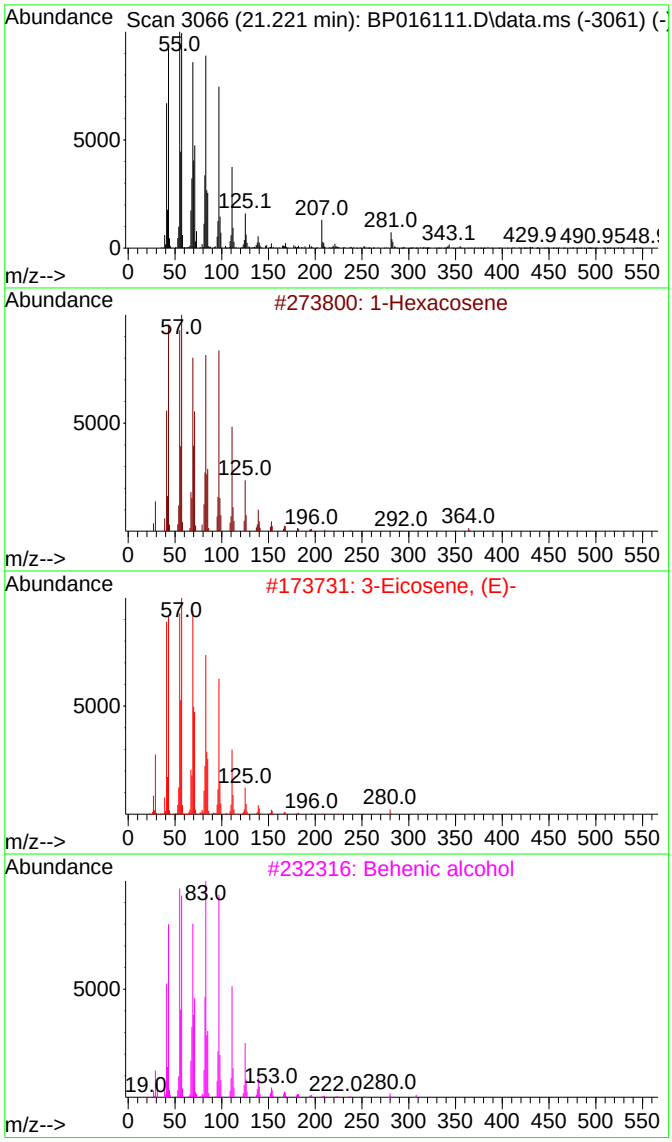
Quant Title : SVOA CALIBRATION

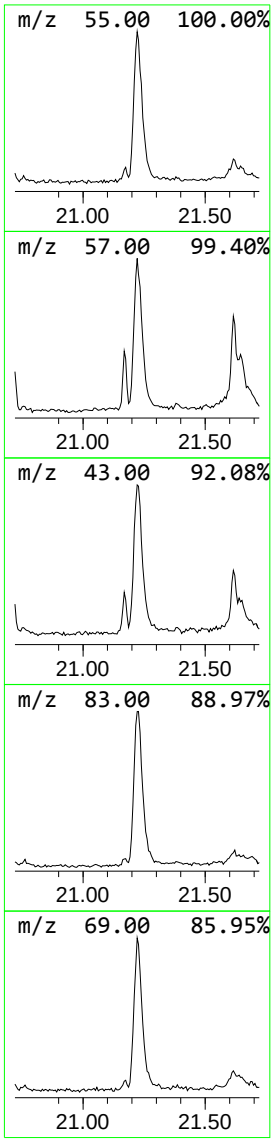
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	4.13 ng/ul	980061	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	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	16.051	5.2	ng/ul	904350	3	14.675	3468290	20.0
n-Hexadecanoic ...	18.292	4.1	ng/ul	887309	4	17.433	4341390	20.0
(DEL) Alkane: S...	21.221	4.1	ng/ul	980061	5	21.545	4746390	20.0