LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016088.D
Acq On : 08 Jul 2023 12:26
Operator : MA/JU
Sample : 03332-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTX1

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: BP016088.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	24	28	40	rVB	47228	87069	2.00%	0.196%
2	3.805	103	105	130	rBV	321333	726863	16.68%	1.634%
3	4.111	155	157	161	rVB3	9082	11482	0.26%	0.026%
4	6.652	584	589	599	rVB	61848	99458	2.28%	0.224%
5	7.246	681	690	705	rBV	235281	902073	20.70%	2.028%
6	7.364	705	710	718	rBV	241774	509342	11.69%	1.145%
7	7.575	739	746	766	rBV	341160	960394	22.04%	2.159%
8	7.893	795	800	805	rVV3	21942	36498	0.84%	0.082%
9	8.028	815	823	848	rBV	307859	1034101	23.73%	2.324%
10	8.799	946	954	988	rBV2	266706	1233759	28.32%	2.773%
11	9.246	1023	1030	1059	rBV	291888	1008935	23.16%	2.268%
12	9.534	1076	1079	1084	rVB5	8553	13118	0.30%	0.029%
13	9.987	1148	1156	1188	rBV3	172304	872615	20.03%	1.961%
14	10.581	1249	1257	1278	rBV	190098	1004215	23.05%	2.257%
15	10.863	1298	1305	1330	rVB	527717	1554742	35.68%	3.495%
16	11.075	1333	1341	1365	rBV	207819	1053599	24.18%	2.368%
17	12.028	1497	1503	1508	rBV10	5979	11840	0.27%	0.027%
18	12.534	1584	1589	1595	rVB9	4967	11075	0.25%	0.025%
19	13.493	1748	1752	1756	rBV6	7714	13990	0.32%	0.031%
20	13.569	1758	1765	1775	rVV3	21687	54938	1.26%	0.123%
21	14.104	1849	1856	1879	rBV	845106	2169873	49.80%	4.877%
22	14.375	1896	1902	1925	rBV	1269655	2561599	58.79%	5.758%
23	14.557	1930	1933	1939	rVV7	12797	23467	0.54%	0.053%
24	14.628	1940	1945	1948	rVV4	63837	96471	2.21%	0.217%
25	14.681	1948	1954	1981	rVB	1189773	2183829	50.12%	4.909%
26	15.081	2012	2022	2045	rBV4	69759	537734	12.34%	1.209%
27	15.446	2079	2084	2091	rBV10	8263	19466	0.45%	0.044%
28	15.504	2092	2094	2102	rVB9	8385	16018	0.37%	0.036%
29	15.693	2116	2126	2141	rBV	1353114	3157365	72.47%	7.097%
30	15.904	2155	2162	2184	rBV4	121373	636219	14.60%	1.430%
31	16.069	2184	2190	2207	rVB	352895	713269	16.37%	1.603%
32	16.322	2230	2233	2237	rVB5	8959	11442	0.26%	0.026%
33	16.616	2279	2283	2291	rBV2	27136	43803	1.01%	0.098%
34	16.757	2301	2307	2313	rBV2	6071	13424	0.31%	0.030%
35	16.875	2324	2327	2330	rBV4	5659	8843	0.20%	0.020%
36	16.922	2333	2335	2338	rVB3	6081	6940	0.16%	0.016%

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Integration Parameters: LSCINT.P
Integrator: RTE
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37	17.104	2363	2366	2370	rBV5	10009	15398	0.35%	0.035%
38	17.345	2403	2407	2409	rBV5	4386	5825	0.13%	0.013%
39	17.445	2417	2424	2436	rBV	1525972	2595308	59.57%	5.833%
40	17.557	2436	2443	2468	rVB2	1164745	3384012	77.67%	7.606%
41	18.298	2564	2569	2580	rBV	247450	564266	12.95%	1.268%
42	19.357	2747	2749	2752	rVB2	22736	21589	0.50%	0.049%
43	19.528	2774	2778	2785	rBV	94950	179388	4.12%	0.403%
44	19.781	2815	2821	2847	rBV	1961156	4356947	100.00%	9.793%
45	21.228	3062	3067	3077	rBV2	341594	785287	18.02%	1.765%
46	21.551	3117	3122	3132	rBV	1219968	2878505	66.07%	6.470%
47	23.910	3517	3523	3544	rVB	1418437	3610823	82.88%	8.116%
48	24.086	3547	3553	3574	rVB	812200	2693084	61.81%	6.053%

Sum of corrected areas: 44490300

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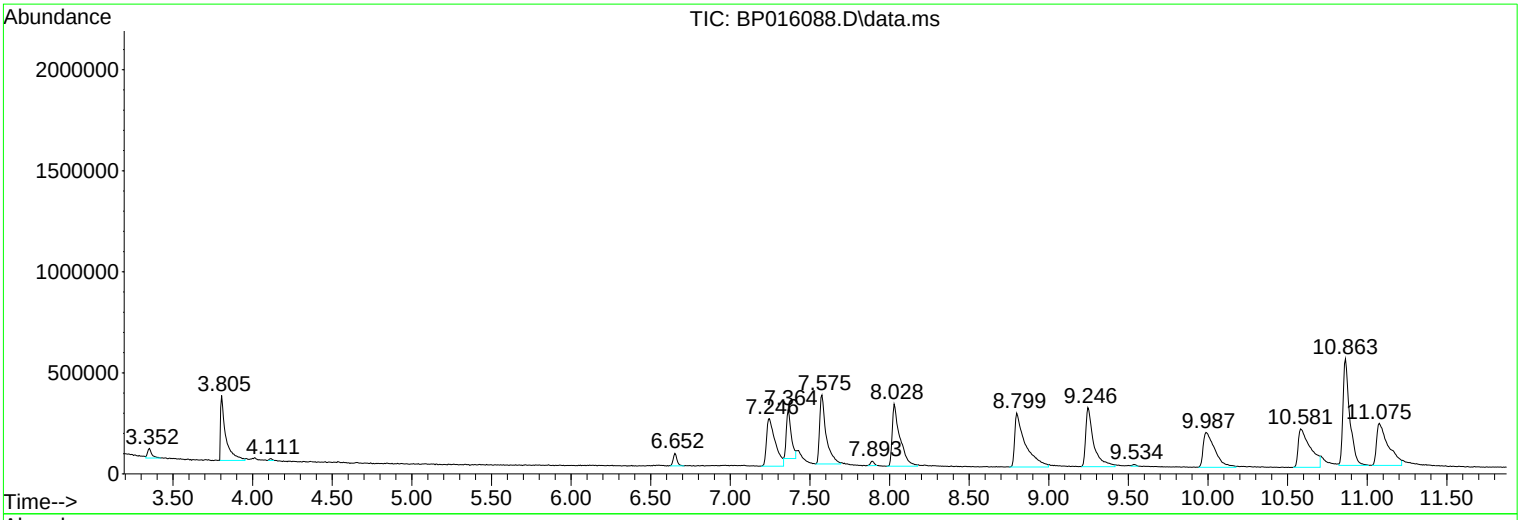
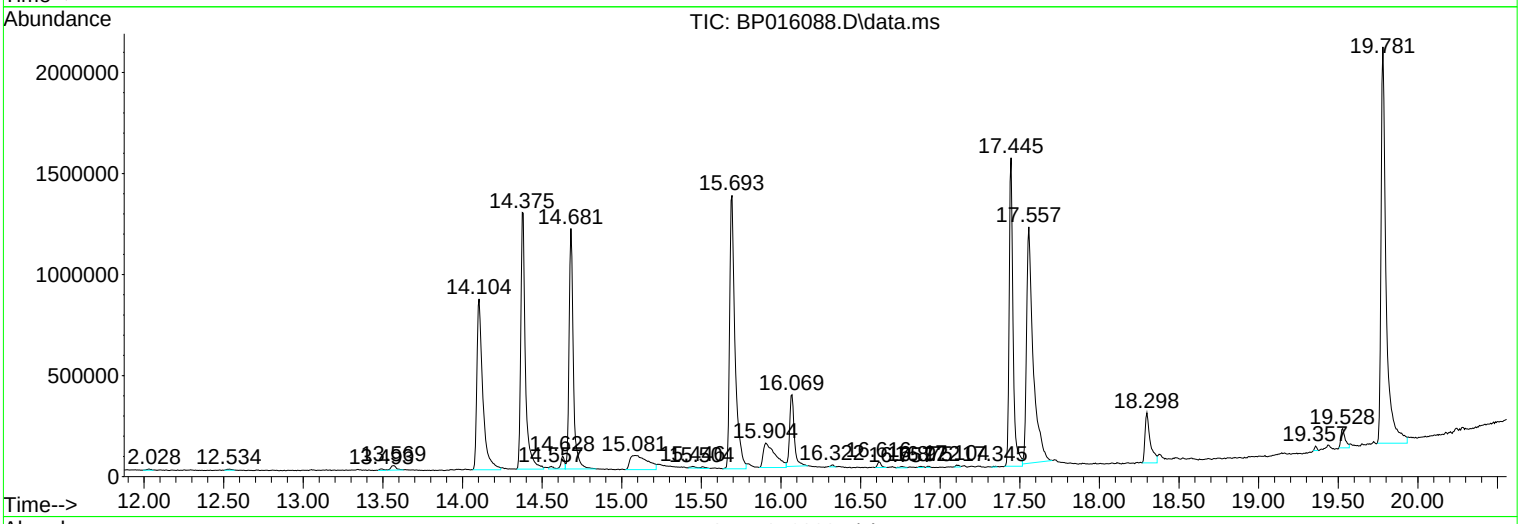
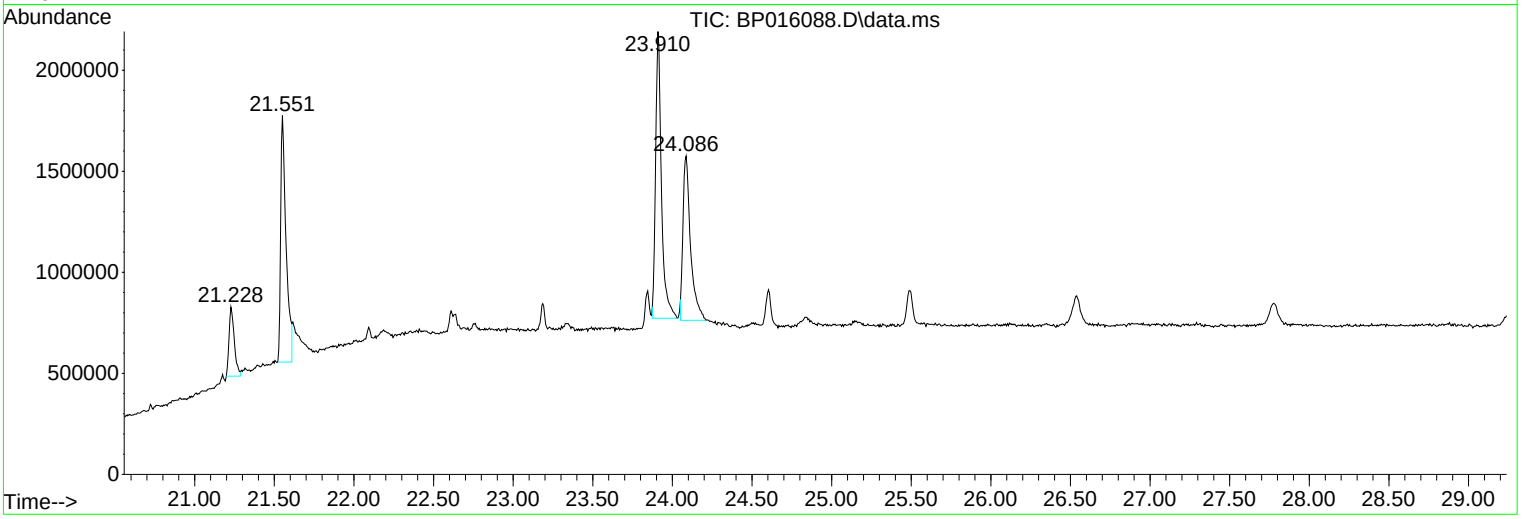
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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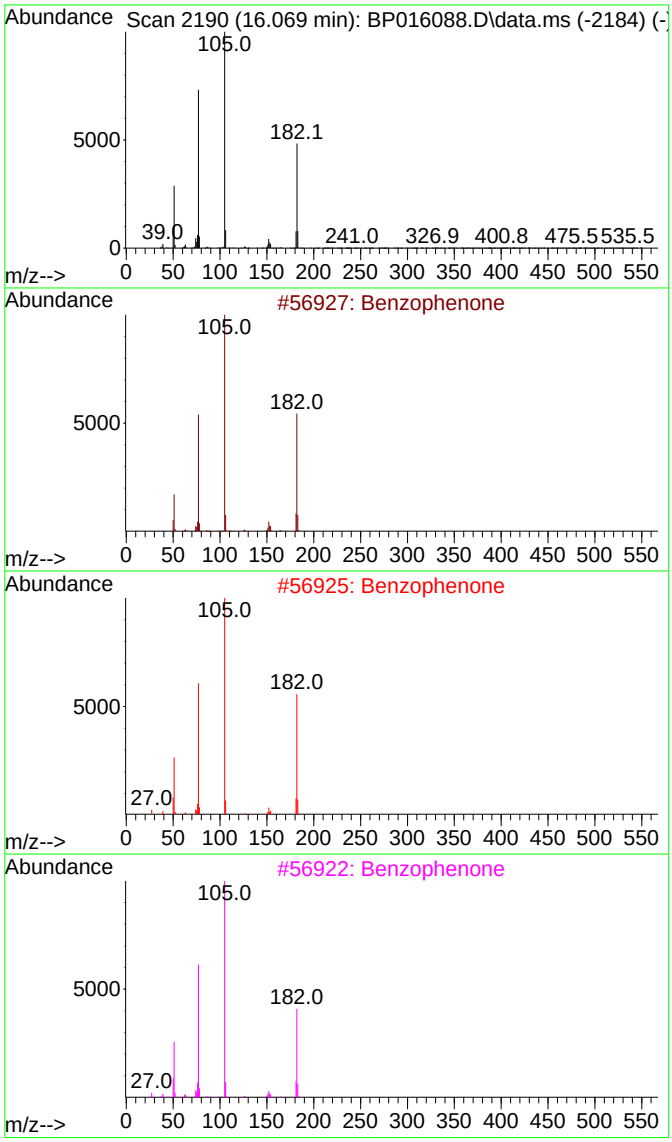
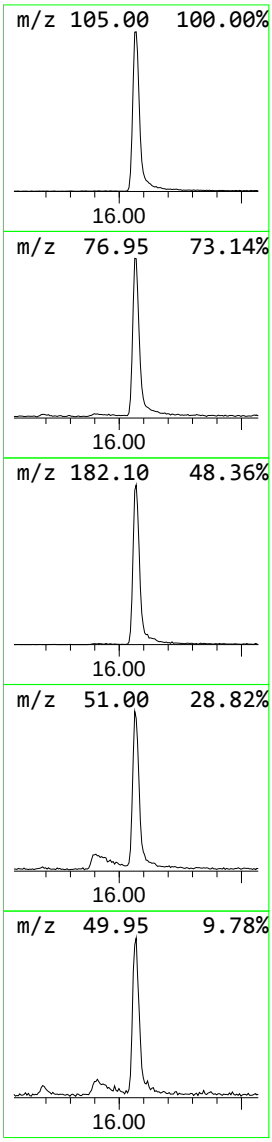
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.069	5.50 ng/ul	713269	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78





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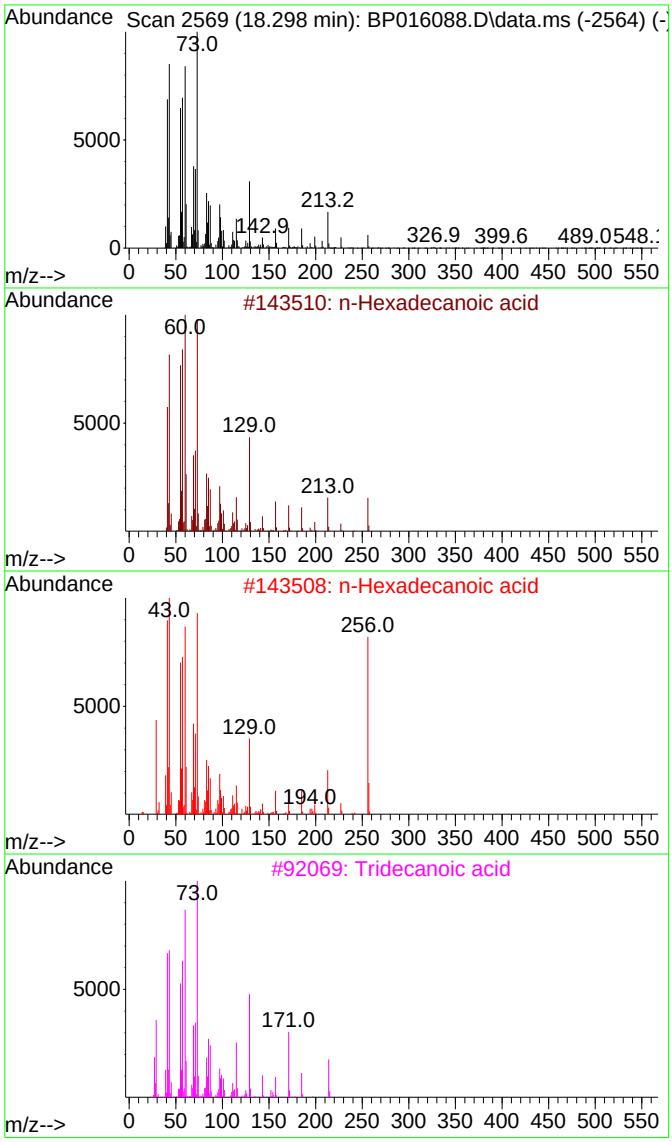
Quant Title : SVOA CALIBRATION

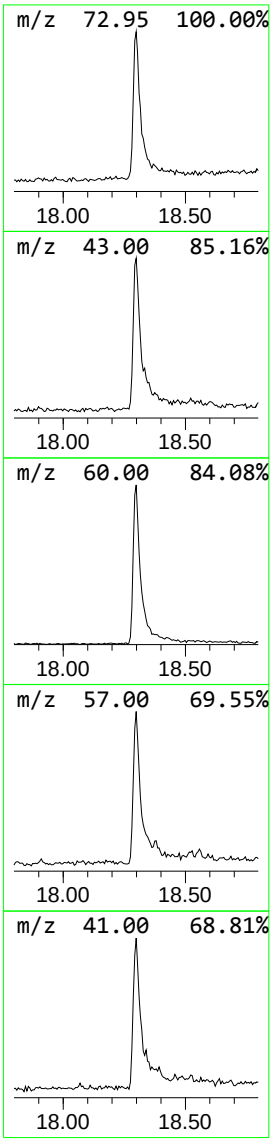
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	4.35 ng/ul	564266	Phenanthrene-d10	17.445

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	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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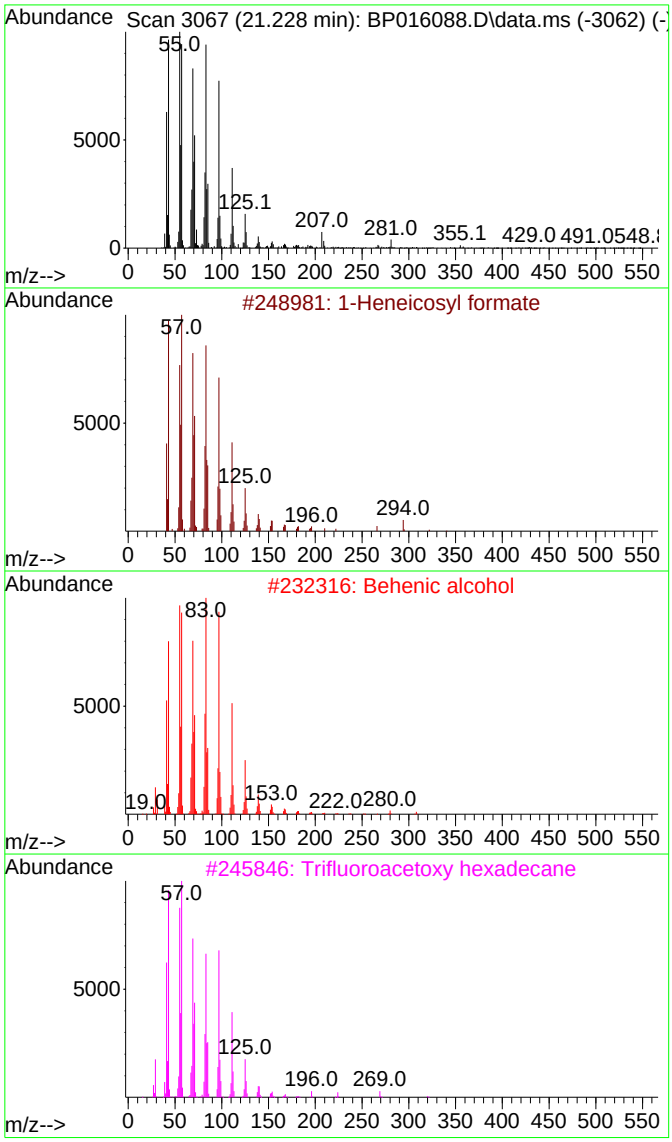
Quant Title : SVOA CALIBRATION

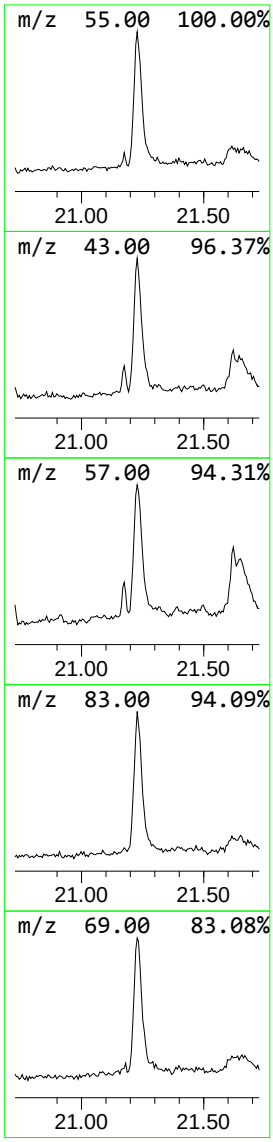
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	5.46 ng/ul	785287	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

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Instrument :
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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
Benzophenone	16.069	5.5	ng/ul	713269	4	17.445	2595310	20.0
n-Hexadecanoic ...	18.298	4.3	ng/ul	564266	4	17.445	2595310	20.0
1-Heneicosyl fo...	21.227	5.5	ng/ul	785287	5	21.551	2878510	20.0