LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014228.D
Acq On : 22 Mar 2023 21:37
Operator : CG/JU
Sample : 01977-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EYG91

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014228.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.405	34	37	45	rVB	28741	40816	1.00%	0.093%
2	3.693	82	86	100	rBV	46308	86570	2.12%	0.197%
3	3.840	108	111	128	rBV	332715	587194	14.37%	1.333%
4	4.164	163	166	170	rBV2	9034	12013	0.29%	0.027%
5	5.905	460	462	469	rVB8	2169	4169	0.10%	0.009%
6	7.199	675	682	695	rBV	467040	819125	20.05%	1.860%
7	7.363	703	710	723	rBV	413851	645558	15.80%	1.466%
8	7.569	736	745	759	rBV	491484	811655	19.87%	1.843%
9	8.040	816	825	834	rBV	545832	881027	21.56%	2.000%
10	8.757	938	947	967	rBV	598281	1076191	26.34%	2.443%
11	8.881	967	968	974	rVB6	2563	4493	0.11%	0.010%
12	9.216	1017	1025	1039	rBV	520798	871042	21.32%	1.978%
13	9.363	1047	1050	1059	rVB10	3488	7188	0.18%	0.016%
14	9.593	1084	1089	1094	rVB5	7492	12012	0.29%	0.027%
15	9.940	1140	1148	1164	rBV	434138	775319	18.98%	1.760%
16	10.487	1234	1241	1259	rBV	566354	1106308	27.08%	2.512%
17	10.863	1297	1305	1320	rVB	803888	1359191	33.27%	3.086%
18	11.004	1321	1329	1348	rBV	547234	1125937	27.56%	2.556%
19	12.457	1570	1576	1582	rBV4	9537	18828	0.46%	0.043%
20	13.492	1747	1752	1757	rBV7	8293	14180	0.35%	0.032%
21	13.569	1757	1765	1774	rVV2	24225	43955	1.08%	0.100%
22	13.663	1774	1781	1786	rVV2	3321	7967	0.19%	0.018%
23	14.092	1845	1854	1866	rVV	1430748	2039223	49.91%	4.630%
24	14.204	1870	1873	1877	rVB6	5702	8161	0.20%	0.019%
25	14.322	1889	1893	1895	rBV5	3986	4365	0.11%	0.010%
26	14.381	1896	1903	1914	rVV	1557113	2242948	54.90%	5.092%
27	14.563	1929	1934	1938	rBV2	9160	11857	0.29%	0.027%
28	14.686	1947	1955	1965	rBV	1474248	2168522	53.08%	4.923%
29	14.898	1984	1991	2010	rBV	377539	891943	21.83%	2.025%
30	15.510	2090	2095	2103	rVB9	7662	15182	0.37%	0.034%
31	15.681	2116	2124	2137	rBV	2092282	2953769	72.30%	6.706%
32	15.804	2137	2145	2157	rVV	623561	975472	23.88%	2.215%
33	15.922	2161	2165	2171	rVB6	11375	19416	0.48%	0.044%
34	16.045	2180	2186	2193	rBV	161889	223547	5.47%	0.508%
35	17.228	2385	2387	2396	rVB8	8915	14866	0.36%	0.034%
36	17.445	2418	2424	2434	rBV	2001779	2855843	69.90%	6.484%

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37	17.545	2434	2441	2450	rBV	2279800	3316494	81.17%	7.530%
38	17.804	2483	2485	2488	rBV3	4753	4512	0.11%	0.010%
39	18.304	2565	2570	2580	rBV	280003	441962	10.82%	1.003%
40	18.710	2636	2639	2645	rVB5	31235	32813	0.80%	0.074%
41	19.345	2743	2747	2752	rBV4	31412	49096	1.20%	0.111%
42	19.416	2756	2759	2763	rVB2	32939	51831	1.27%	0.118%
43	19.533	2775	2779	2787	rBV5	65930	110120	2.70%	0.250%
44	19.769	2813	2819	2834	rBV	3079256	4085681	100.00%	9.276%
45	21.198	3058	3062	3070	rBV	654787	872988	21.37%	1.982%
46	21.527	3112	3118	3124	rBV	2378380	3306913	80.94%	7.508%
47	23.880	3511	3518	3529	rVB2	1885209	3922636	96.01%	8.906%
48	24.045	3540	3546	3554	rVB2	1485971	3114835	76.24%	7.072%

Sum of corrected areas: 44045733

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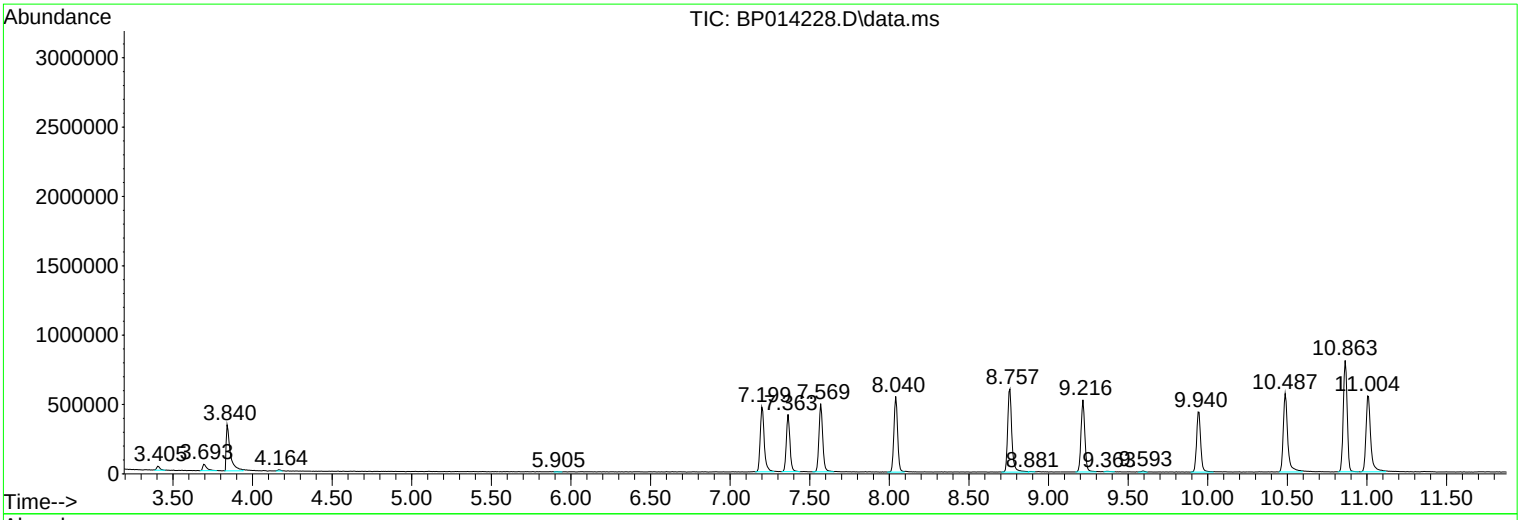
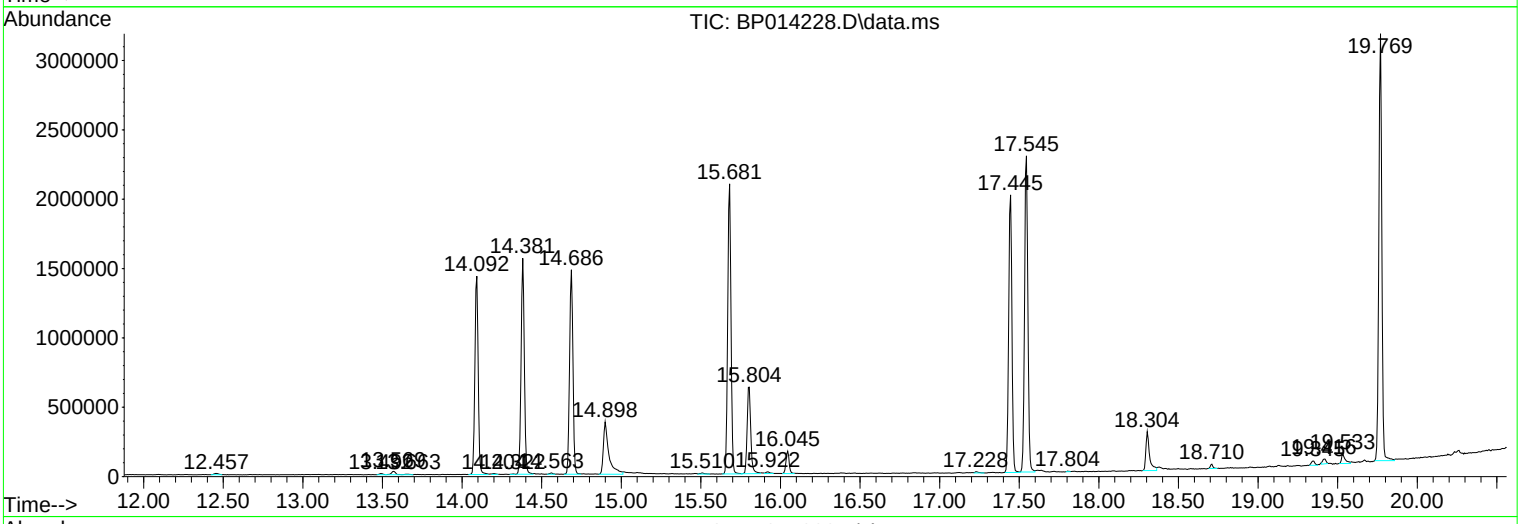
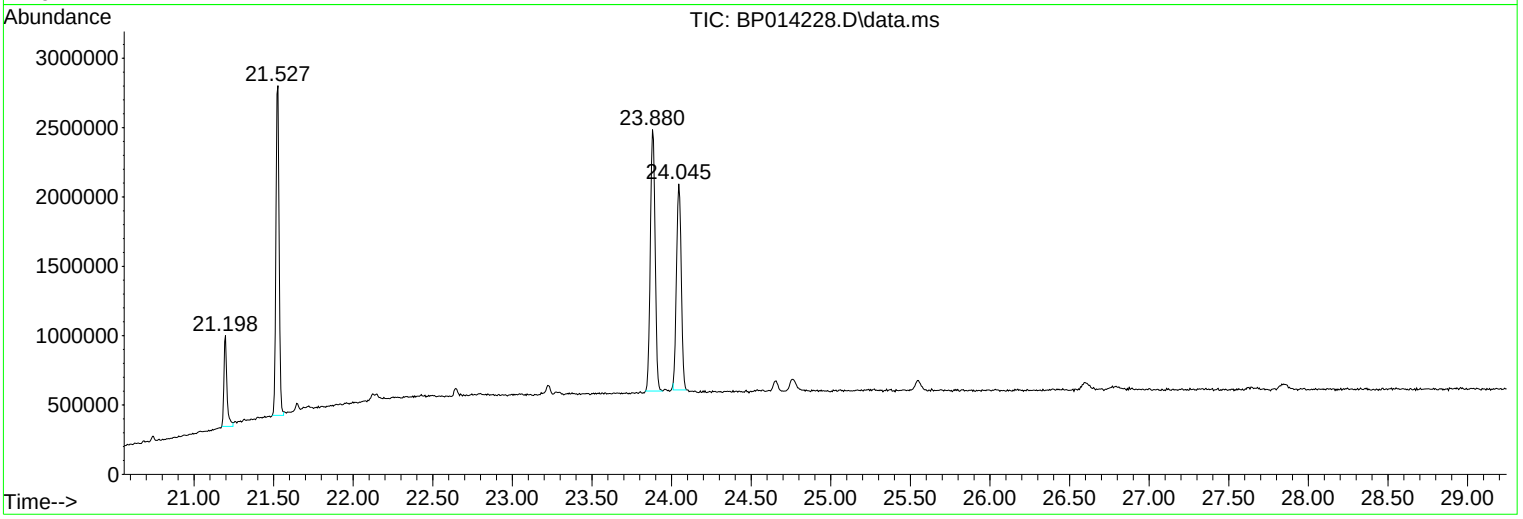
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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







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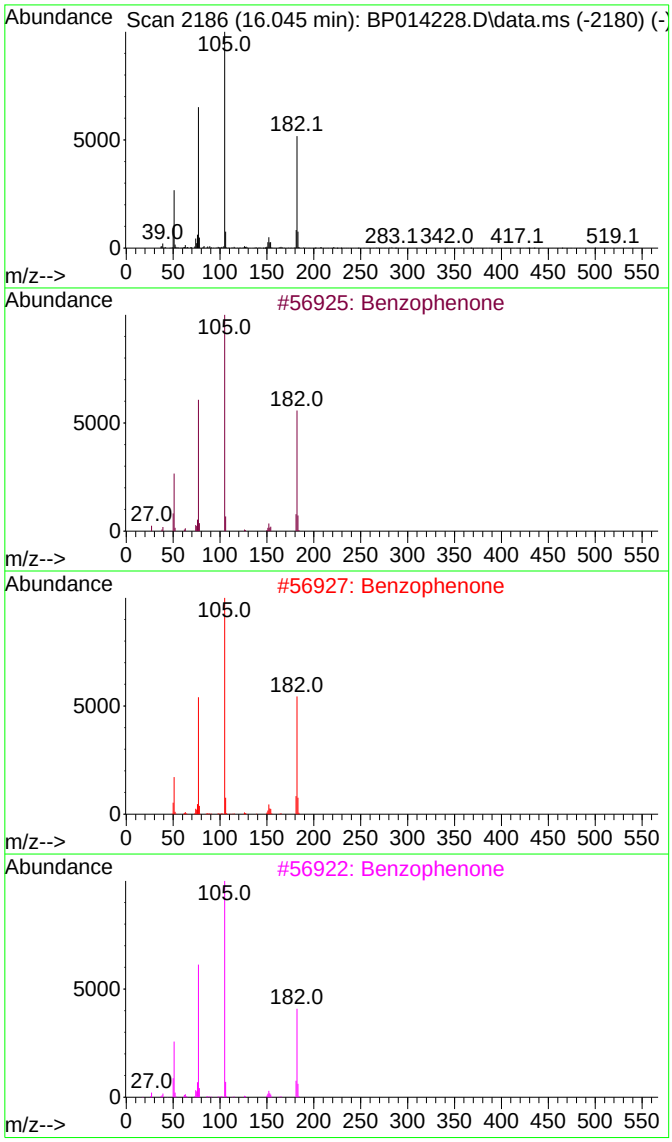
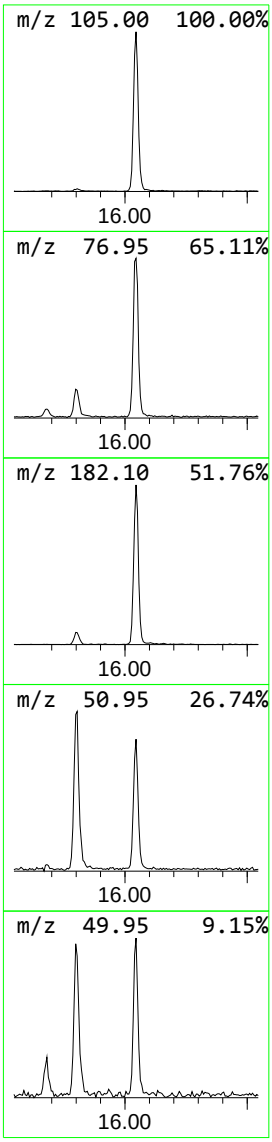
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	2.06 ng/ul	223547	Acenaphthene-d10	14.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
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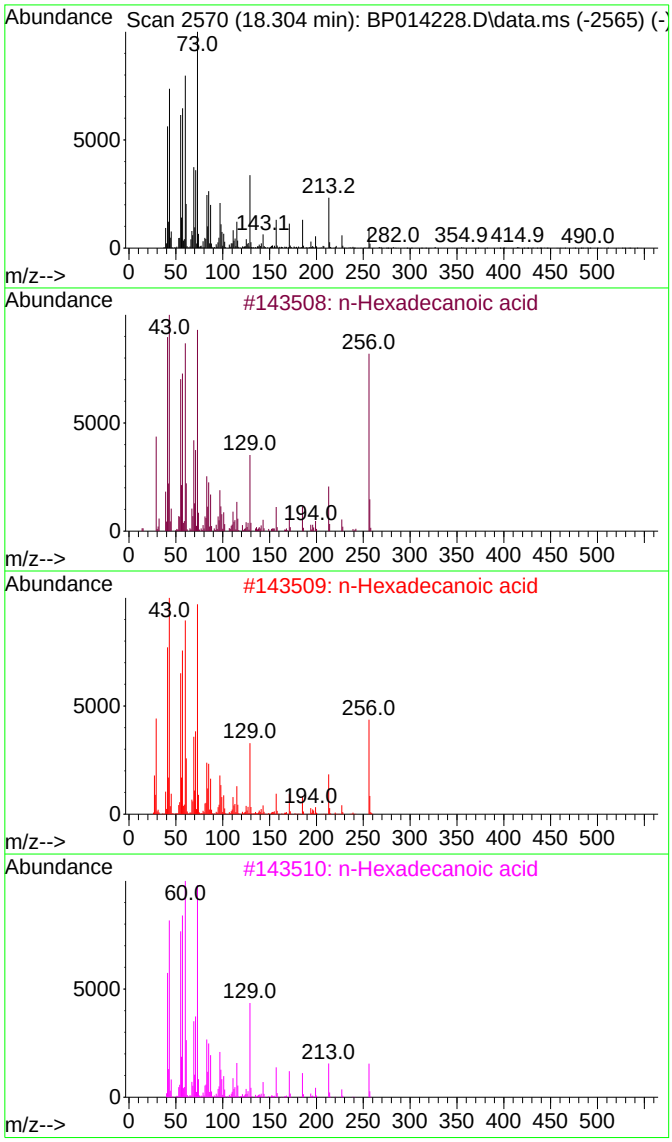
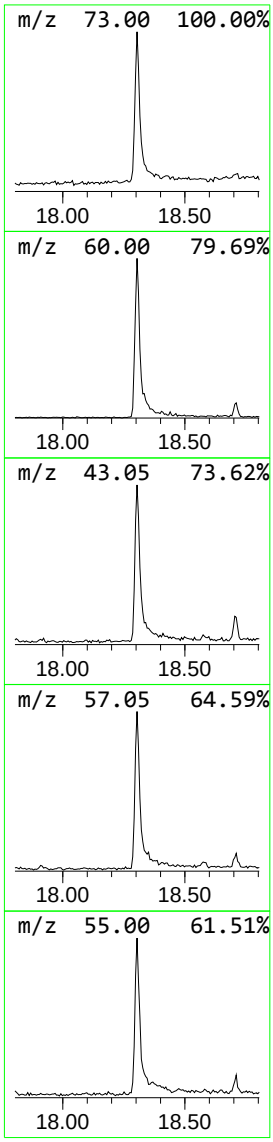
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.10 ng/ul	441962	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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78





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Quant Title : SVOA CALIBRATION

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

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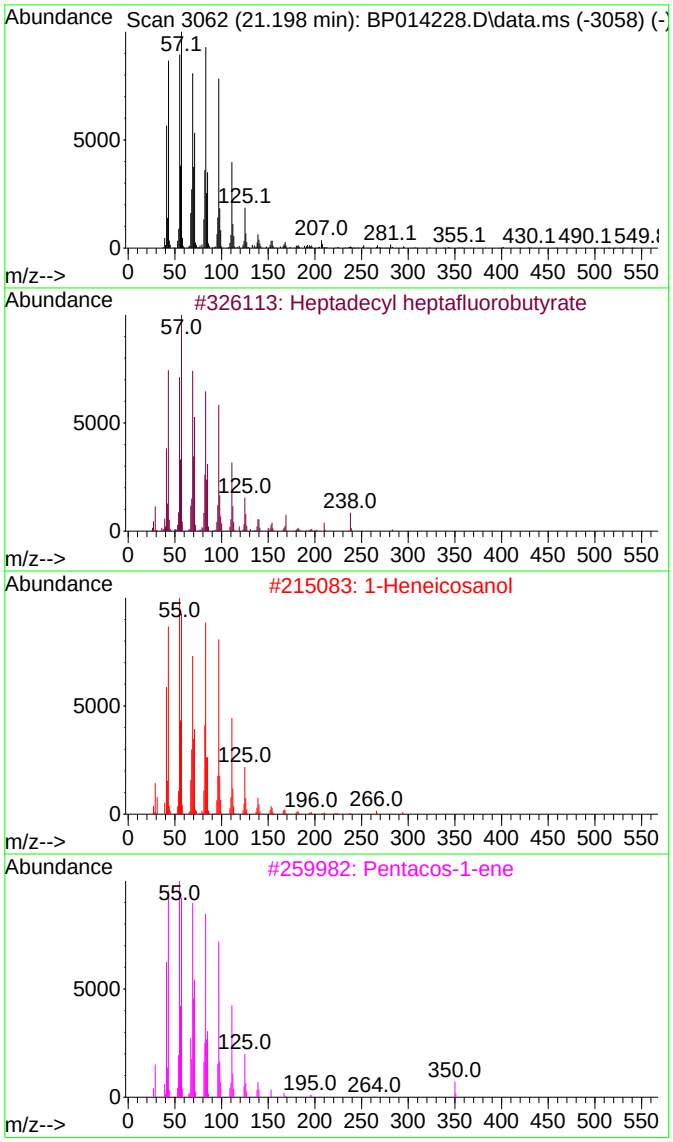
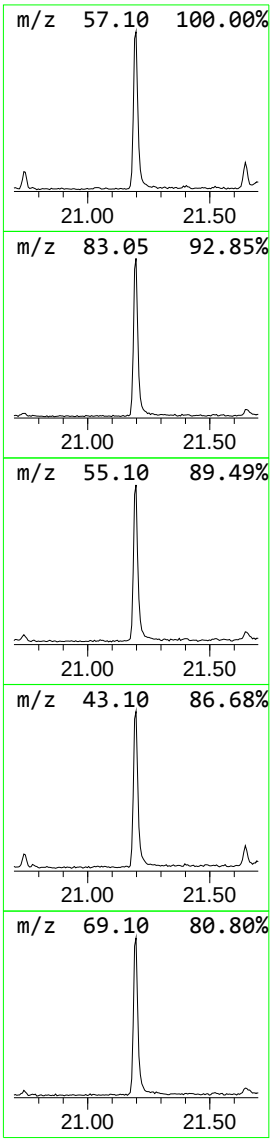
Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	5.28 ng/ul	872988	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	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	16.045	2.1	ng/ul	223547	3	14.687	2168520	20.0
n-Hexadecanoic ...	18.304	3.1	ng/ul	441962	4	17.445	2855840	20.0
Heptadecyl hept...	21.198	5.3	ng/ul	872988	5	21.527	3306910	20.0