LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013182.D
Acq On : 20 Dec 2022 23:54
Operator : CG/JU
Sample : N5984-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0LD5

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-BP120722.M
Title : SVOA CALIBRATION

Signal : TIC: BP013182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	22	26	38	rVB	242653	344093	1.78%	0.173%
2	3.634	73	76	83	rVB	19709	34210	0.18%	0.017%
3	3.763	95	98	118	rBV	3407399	4868892	25.13%	2.442%
4	3.999	134	138	142	rVB	34131	45822	0.24%	0.023%
5	4.093	151	154	158	rVB	43169	50357	0.26%	0.025%
6	5.046	310	316	323	rBV	105703	160813	0.83%	0.081%
7	6.940	633	638	646	rBV3	40042	78168	0.40%	0.039%
8	7.116	658	668	680	rBV	3951028	6381183	32.94%	3.200%
9	7.281	689	696	704	rBV	3276844	4974978	25.68%	2.495%
10	7.481	723	730	739	rBV	3998026	6280020	32.41%	3.149%
11	7.951	803	810	817	rBV	1946364	3011390	15.54%	1.510%
12	8.016	817	821	829	rVB	37219	61285	0.32%	0.031%
13	8.663	923	931	942	rBV	4910411	7801609	40.27%	3.912%
14	9.122	1001	1009	1020	rBV	3795491	6202864	32.02%	3.111%
15	9.228	1023	1027	1032	rVV4	22866	40068	0.21%	0.020%
16	9.281	1032	1036	1041	rVB7	19974	35386	0.18%	0.018%
17	9.522	1071	1077	1088	rVB	80522	143580	0.74%	0.072%
18	9.845	1123	1132	1147	rBV	3255329	5369312	27.71%	2.693%
19	10.075	1165	1171	1184	rBV	161387	278315	1.44%	0.140%
20	10.275	1200	1205	1211	rVB6	10413	20203	0.10%	0.010%
21	10.386	1214	1224	1237	rBV	4911637	8118489	41.90%	4.071%
22	10.769	1281	1289	1298	rBV	2619083	4357242	22.49%	2.185%
23	10.904	1305	1312	1324	rBV	4371972	7442429	38.41%	3.732%
24	11.551	1417	1422	1433	rVB4	30103	55325	0.29%	0.028%
25	11.775	1453	1460	1466	rBV4	10746	27903	0.14%	0.014%
26	12.175	1523	1528	1535	rVB4	20879	32660	0.17%	0.016%
27	12.351	1552	1558	1563	rBV	88870	140409	0.72%	0.070%
28	12.863	1640	1645	1650	rBV	93702	143644	0.74%	0.072%
29	13.410	1733	1738	1745	rVB	60010	89564	0.46%	0.045%
30	13.480	1745	1750	1754	rBV4	18287	32320	0.17%	0.016%
31	13.563	1760	1764	1771	rVB4	16859	32168	0.17%	0.016%
32	13.804	1795	1805	1812	rBV5	26885	55259	0.29%	0.028%
33	13.916	1817	1824	1830	rVV10	18317	33936	0.18%	0.017%
34	14.004	1830	1839	1854	rVV	7704905	10607916	54.75%	5.320%
35	14.110	1854	1857	1865	rVB9	20543	38501	0.20%	0.019%
36	14.233	1874	1878	1880	rBV5	16628	23401	0.12%	0.012%

LSC Area Percent Report

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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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Peak separation: 5

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Title : SVOA CALIBRATION

37	14.292	1880	1888	1906	rVB	9077476	13502326	69.69%	6.771%
38	14.480	1911	1920	1926	rVB4	26216	48071	0.25%	0.024%
39	14.592	1929	1939	1950	rBV	3804976	5552014	28.66%	2.784%
40	14.680	1952	1954	1961	rVB8	12699	20783	0.11%	0.010%
41	14.792	1966	1973	1993	rBV	3100914	4685801	24.19%	2.350%
42	15.004	2003	2009	2022	rBV	739855	1093030	5.64%	0.548%
43	15.586	2101	2108	2120	rBV	10677624	15839896	81.76%	7.944%
44	15.704	2122	2128	2142	rVV	3090719	4243775	21.90%	2.128%
45	15.827	2144	2149	2156	rVB2	53975	93143	0.48%	0.047%
46	15.951	2165	2170	2176	rBV	658273	866651	4.47%	0.435%
47	16.298	2225	2229	2235	rVB9	13506	25978	0.13%	0.013%
48	16.374	2239	2242	2249	rVB8	15301	23072	0.12%	0.012%
49	16.521	2263	2267	2273	rBV9	14670	22618	0.12%	0.011%
50	16.733	2299	2303	2313	rBV	208617	300416	1.55%	0.151%
51	17.027	2350	2353	2357	rVB4	17226	22821	0.12%	0.011%
52	17.227	2384	2387	2390	rBV5	16515	23239	0.12%	0.012%
53	17.351	2401	2408	2417	rBV	4132240	5823112	30.06%	2.920%
54	17.451	2418	2425	2436	rVV	10551102	14995846	77.40%	7.520%
55	17.539	2436	2440	2447	rVB3	100180	155270	0.80%	0.078%
56	17.721	2467	2471	2484	rVB2	113920	180371	0.93%	0.090%
57	18.004	2516	2519	2523	rVB6	16198	20191	0.10%	0.010%
58	18.221	2551	2556	2566	rBV	1154175	1602257	8.27%	0.804%
59	18.557	2608	2613	2621	rVB2	65465	114105	0.59%	0.057%
60	18.633	2622	2626	2630	rBV	91460	104597	0.54%	0.052%
61	19.051	2694	2697	2700	rBV4	27645	32333	0.17%	0.016%
62	19.257	2729	2732	2737	rVB	139366	174392	0.90%	0.087%
63	19.321	2739	2743	2748	rBV	154321	258925	1.34%	0.130%
64	19.451	2761	2765	2771	rBV	289873	411771	2.13%	0.207%
65	19.680	2798	2804	2815	rBV	12810476	16912259	87.29%	8.481%
66	20.186	2888	2890	2894	rVB2	78503	81519	0.42%	0.041%
67	21.127	3045	3050	3062	rBV	1876856	2730602	14.09%	1.369%
68	21.433	3098	3102	3113	rVB	4331044	5900517	30.46%	2.959%
69	23.756	3490	3497	3509	rVB2	9436652	19374273	100.00%	9.716%
70	23.915	3518	3524	3534	rVB2	3296545	6754300	34.86%	3.387%

Sum of corrected areas: 199403988

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Misc :
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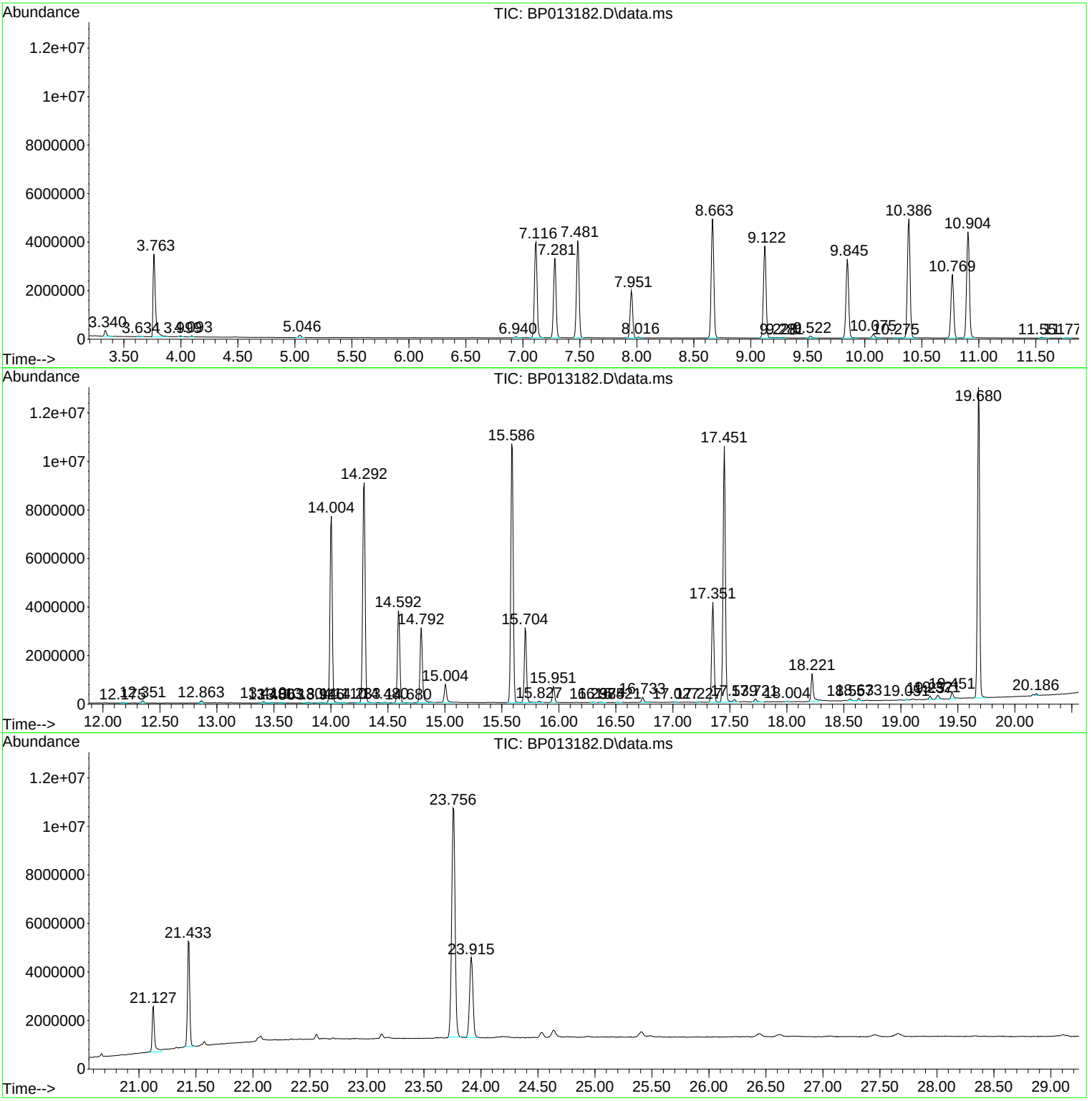
BNA_P
ClientSampleId :
C0LD5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

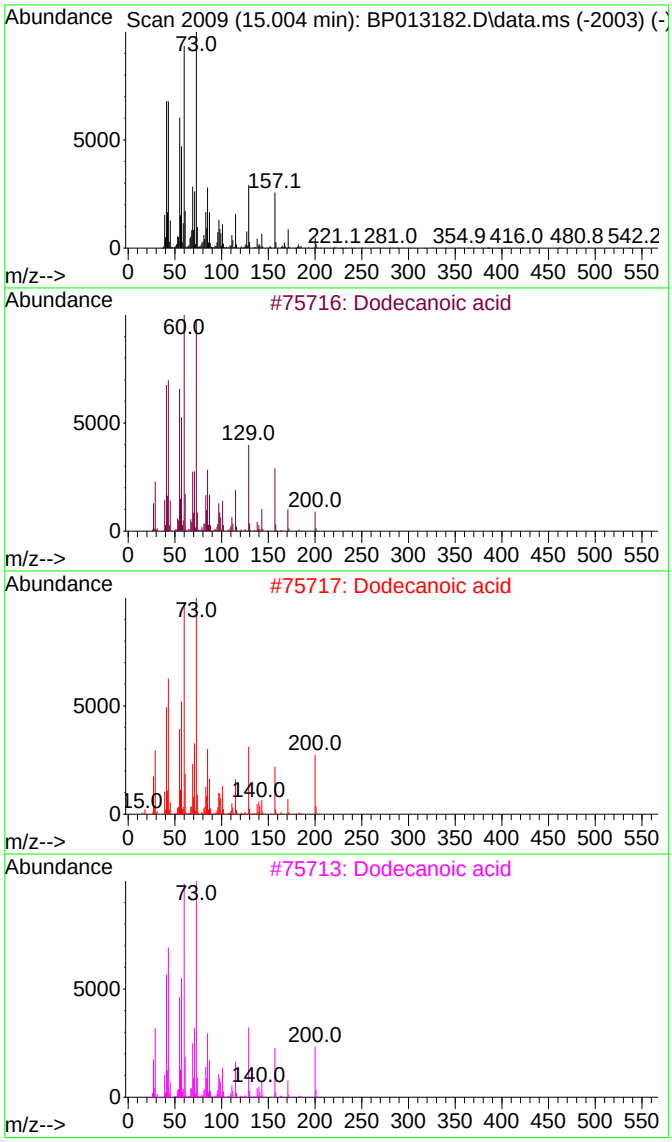
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

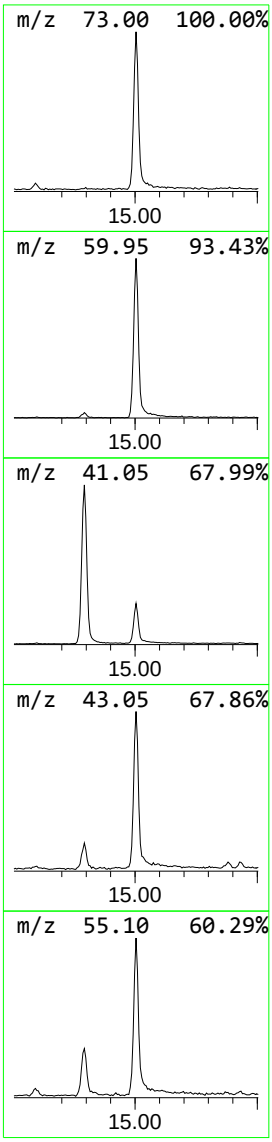
****

Peak Number 1 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	3.94 ng/ul	1093030	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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ClientSampleId :
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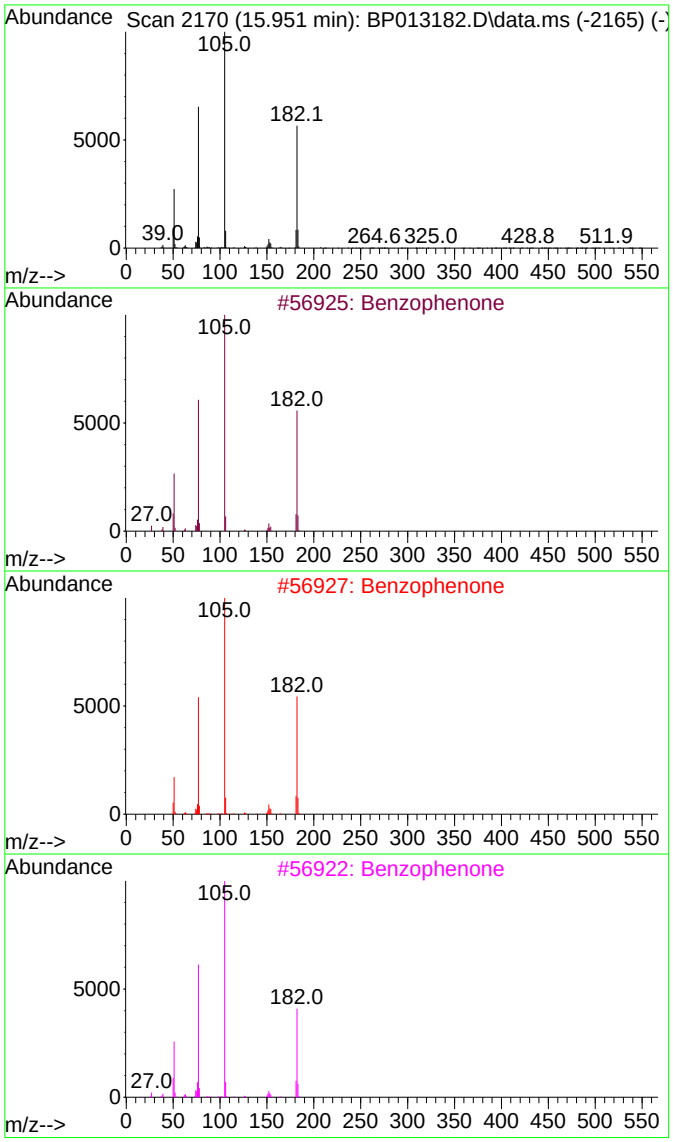
Quant Title : SVOA CALIBRATION

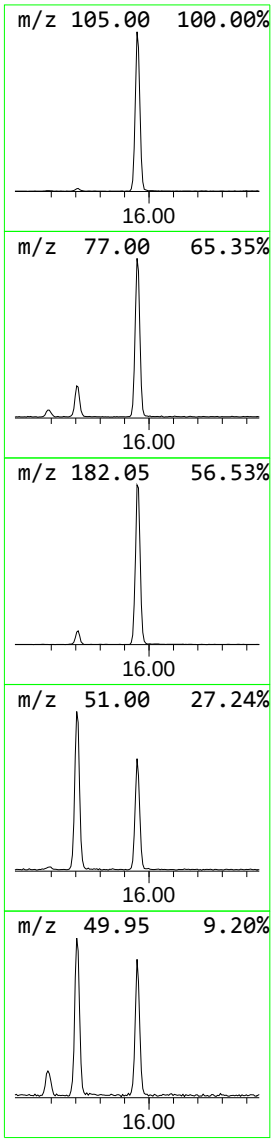
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	3.12 ng/ul	866651	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
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	Benzophenone	182	C13H10O	000119-61-9	90





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Instrument :
BNA_P
ClientSampleId :
C0LD5

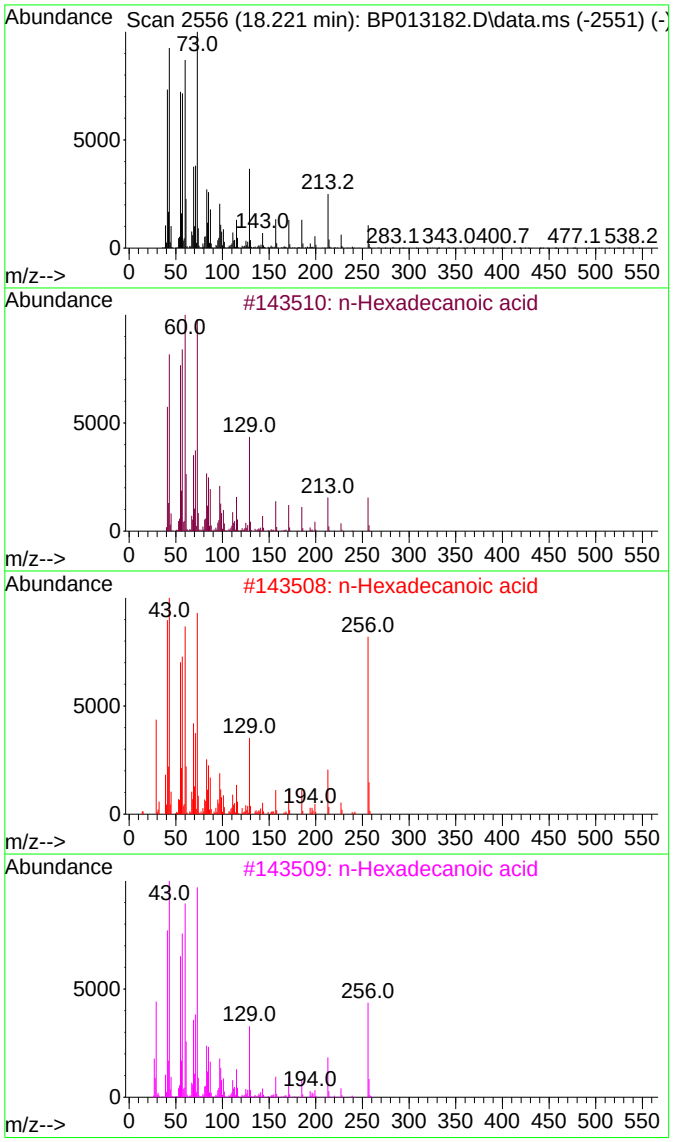
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

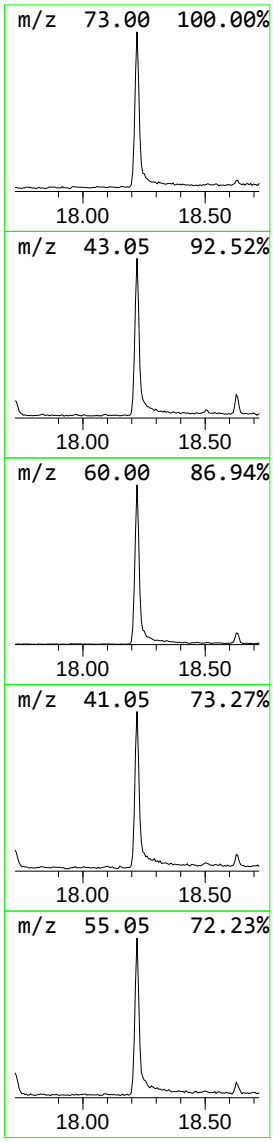
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	5.50 ng/ul	1602260	Phenanthrene-d10	17.351

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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ClientSampleId :
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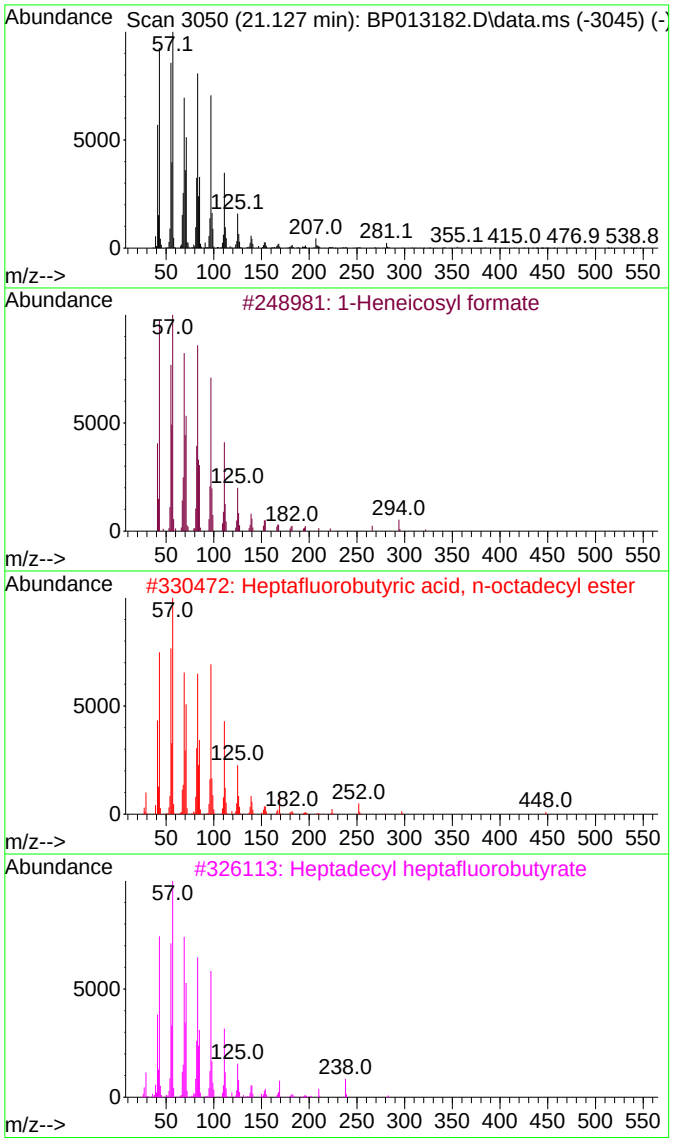
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

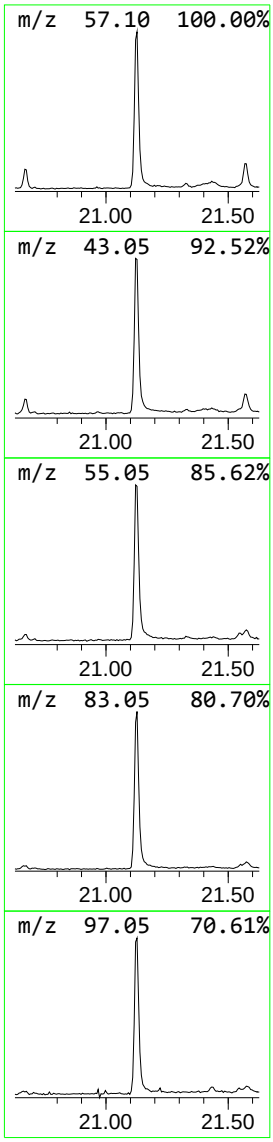
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	9.26 ng/ul	2730600	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





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
Dodecanoic acid	15.004	3.9	ng/ul	1093030	3	14.592	5552010	20.0
Benzophenone	15.951	3.1	ng/ul	866651	3	14.592	5552010	20.0
n-Hexadecanoic ...	18.221	5.5	ng/ul	1602260	4	17.351	5823110	20.0
1-Heneicosyl fo...	21.127	9.3	ng/ul	2730600	5	21.433	5900520	20.0