LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
Data File : BP014616.D
Acq On : 07 Apr 2023 21:47
Operator : CG/JU
Sample : 02225-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE6

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-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	26	30	37	rVB	35341	45945	1.20%	0.118%
2	4.017	138	141	144	rVB5	5813	7088	0.18%	0.018%
3	4.117	155	158	162	rBV4	9881	12703	0.33%	0.033%
4	4.234	174	178	179	rBV4	4150	4783	0.12%	0.012%
5	6.869	623	626	629	rBV4	2842	4147	0.11%	0.011%
6	7.158	668	675	688	rBV	76850	176771	4.60%	0.455%
7	7.305	694	700	713	rBV	518739	847706	22.06%	2.184%
8	7.511	727	735	751	rBV	449254	822675	21.41%	2.119%
9	7.975	808	814	825	rBV	555895	939444	24.45%	2.420%
10	8.705	930	938	955	rBV	291143	598617	15.58%	1.542%
11	9.158	1008	1015	1031	rBV	646524	1159407	30.17%	2.987%
12	9.287	1031	1037	1056	rVB	40372	133220	3.47%	0.343%
13	9.522	1072	1077	1083	rVB	12147	21441	0.56%	0.055%
14	9.881	1131	1138	1160	rBV	538794	977017	25.43%	2.517%
15	10.428	1223	1231	1260	rBV	550222	1265895	32.94%	3.261%
16	10.799	1286	1294	1315	rBV	822491	1416919	36.87%	3.650%
17	10.963	1315	1322	1337	rBV2	106701	301061	7.83%	0.776%
18	11.387	1387	1394	1396	rBV8	3264	7937	0.21%	0.020%
19	12.022	1497	1502	1507	rVB2	9934	14455	0.38%	0.037%
20	12.199	1525	1532	1539	rVB5	10359	16661	0.43%	0.043%
21	12.399	1561	1566	1574	rBV4	11616	23815	0.62%	0.061%
22	12.546	1585	1591	1592	rBV6	2866	3929	0.10%	0.010%
23	12.628	1600	1605	1611	rVV3	4322	8379	0.22%	0.022%
24	12.834	1634	1640	1643	rBV8	3425	6539	0.17%	0.017%
25	12.940	1653	1658	1661	rBV7	2667	3938	0.10%	0.010%
26	13.010	1665	1670	1673	rVV7	3379	5163	0.13%	0.013%
27	13.351	1724	1728	1733	rVB8	3383	6298	0.16%	0.016%
28	13.434	1736	1742	1748	rBV2	13970	22634	0.59%	0.058%
29	13.516	1752	1756	1761	rVB8	4735	8015	0.21%	0.021%
30	13.610	1768	1772	1776	rVB7	4407	6593	0.17%	0.017%
31	13.804	1800	1805	1807	rBV6	2778	4635	0.12%	0.012%
32	14.040	1836	1845	1860	rBV	1652269	2409258	62.70%	6.207%
33	14.240	1875	1879	1881	rBV5	2712	4100	0.11%	0.011%
34	14.328	1881	1894	1909	rVV	1779697	2701994	70.32%	6.961%
35	14.457	1913	1916	1920	rVV6	6574	13180	0.34%	0.034%
36	14.510	1922	1925	1929	rVB6	4687	7552	0.20%	0.019%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

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-BP032823.M
Title : SVOA CALIBRATION

37	14.634	1938	1946	1958	rBV	1296943	1933653	50.32%	4.982%
38	14.928	1988	1996	2004	rBV7	17682	63546	1.65%	0.164%
39	15.387	2071	2074	2076	rBV3	3064	3995	0.10%	0.010%
40	15.463	2081	2087	2090	rVV7	5237	10419	0.27%	0.027%
41	15.569	2102	2105	2108	rVB5	2864	4102	0.11%	0.011%
42	15.628	2108	2115	2131	rBV	2267686	3339393	86.90%	8.603%
43	15.757	2131	2137	2152	rVV	701714	1155453	30.07%	2.977%
44	15.869	2153	2156	2160	rVB6	12731	20440	0.53%	0.053%
45	15.998	2172	2178	2191	rVB	181221	295182	7.68%	0.760%
46	16.204	2211	2213	2217	rVB4	3081	3977	0.10%	0.010%
47	16.328	2230	2234	2241	rVB10	4567	9099	0.24%	0.023%
48	16.563	2271	2274	2282	rVB7	7235	13112	0.34%	0.034%
49	16.810	2310	2316	2317	rBV6	4483	8299	0.22%	0.021%
50	16.822	2317	2318	2325	rVB7	5356	5908	0.15%	0.015%
51	17.075	2354	2361	2365	rBV9	5345	12837	0.33%	0.033%
52	17.128	2366	2370	2373	rVV6	4408	6451	0.17%	0.017%
53	17.392	2409	2415	2425	rBV	1605296	2214565	57.63%	5.705%
54	17.492	2426	2432	2449	rVV	2469281	3591298	93.46%	9.252%
55	17.669	2460	2462	2466	rVB4	6768	8340	0.22%	0.021%
56	18.263	2558	2563	2572	rBV	195735	337158	8.77%	0.869%
57	18.663	2628	2631	2634	rBV4	13715	13490	0.35%	0.035%
58	19.304	2736	2740	2745	rBV3	31199	42724	1.11%	0.110%
59	19.369	2747	2751	2761	rBV2	34753	83404	2.17%	0.215%
60	19.492	2769	2772	2778	rBV3	64487	113009	2.94%	0.291%
61	19.722	2806	2811	2825	rBV	2813501	3842659	100.00%	9.900%
62	21.169	3053	3057	3065	rBV2	197599	383052	9.97%	0.987%
63	21.486	3106	3111	3124	rBV2	1172964	1882791	49.00%	4.850%
64	23.822	3501	3508	3519	rBV2	1686262	3455360	89.92%	8.902%
65	23.986	3529	3536	3549	rVB2	873933	1952916	50.82%	5.031%

Sum of corrected areas: 38816546

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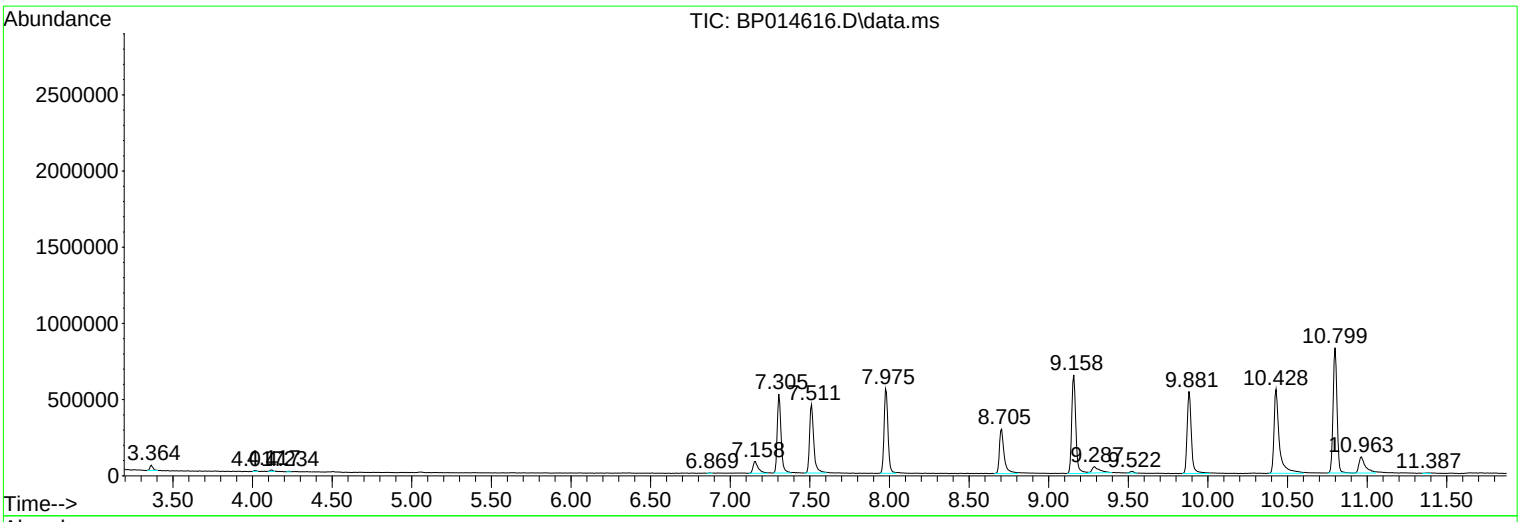
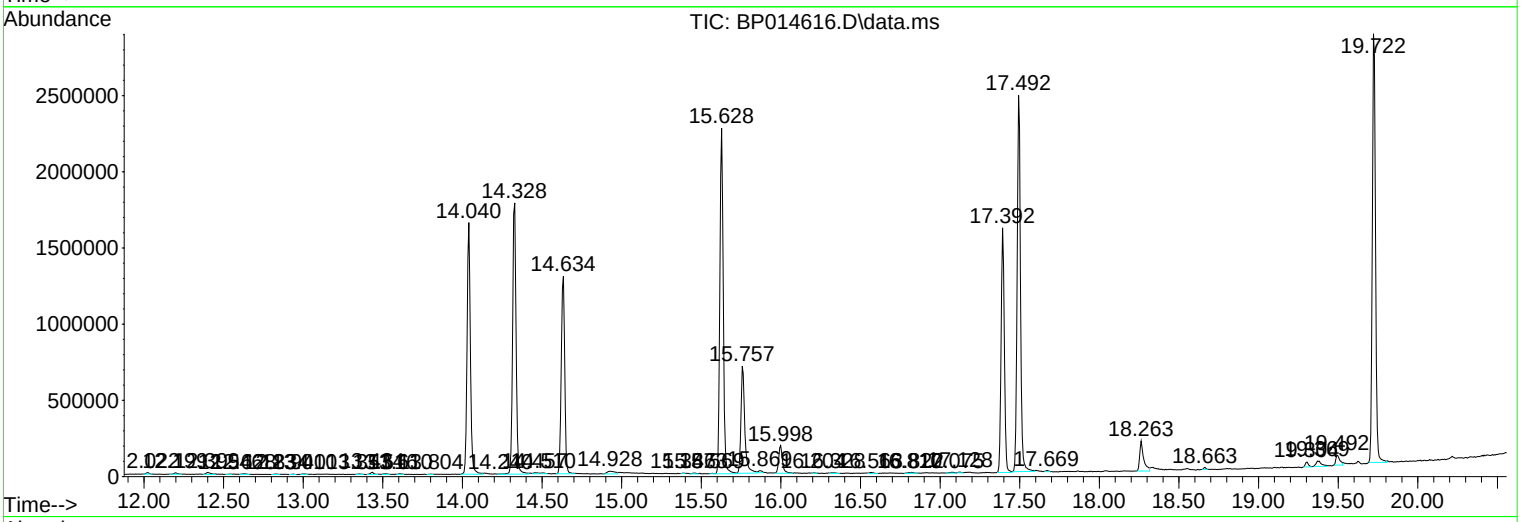
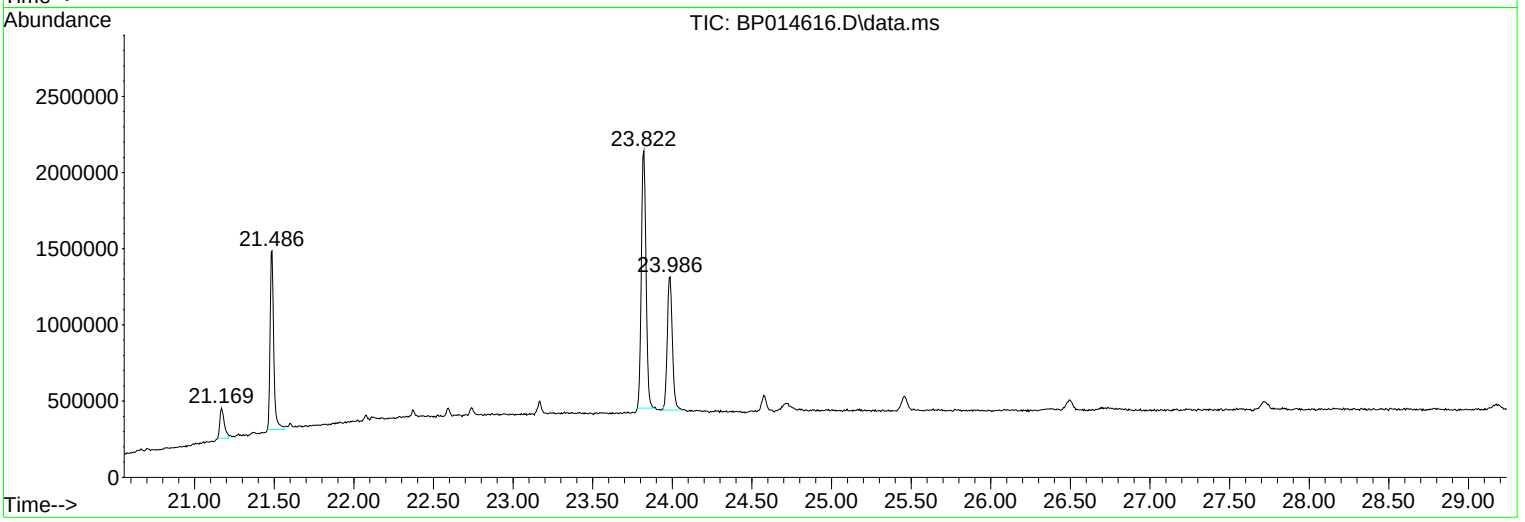
Instrument :
BNA_P
ClientSampleId :
C0AE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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







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Operator : CG/JU
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Instrument :
BNA_P
ClientSampleId :
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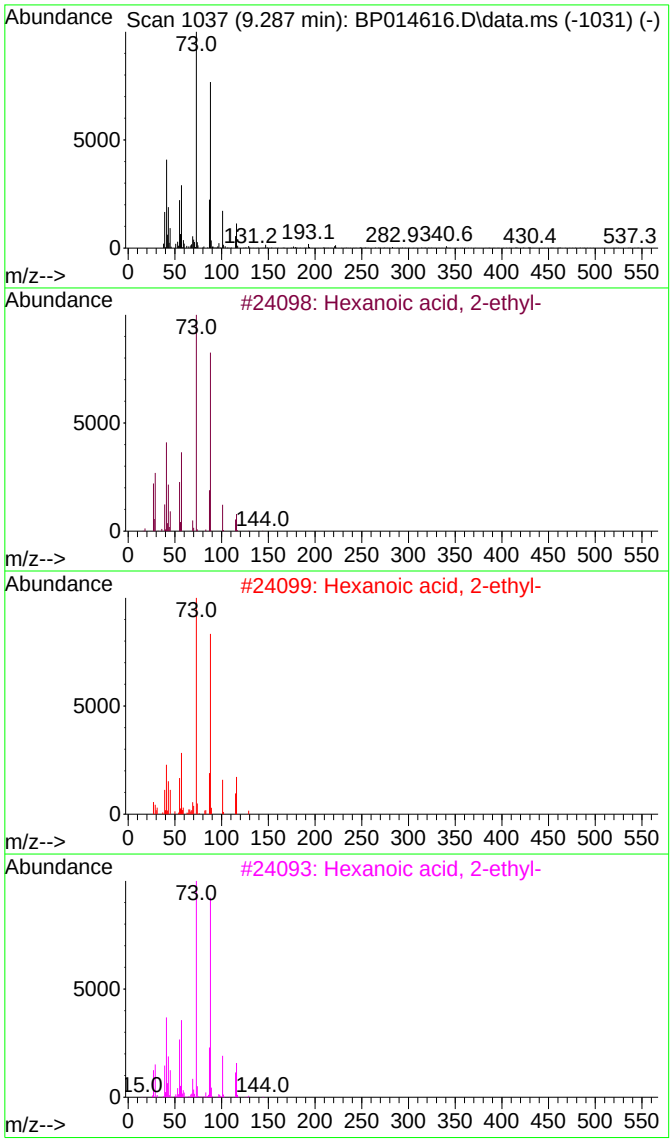
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

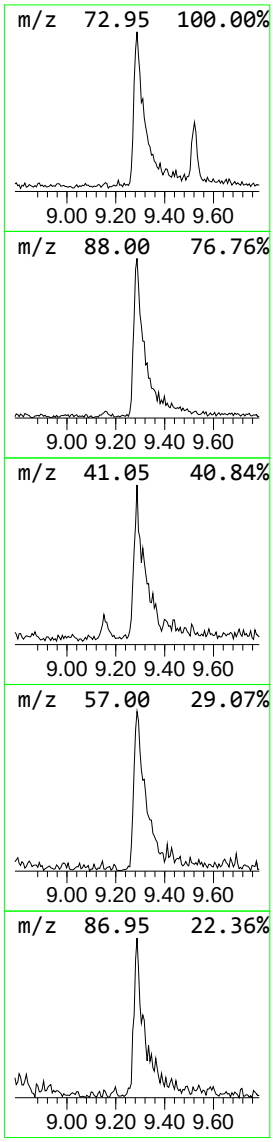
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	2.84 ng/ul	133220	1,4-Dichlorobenzene-d4	7.981

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

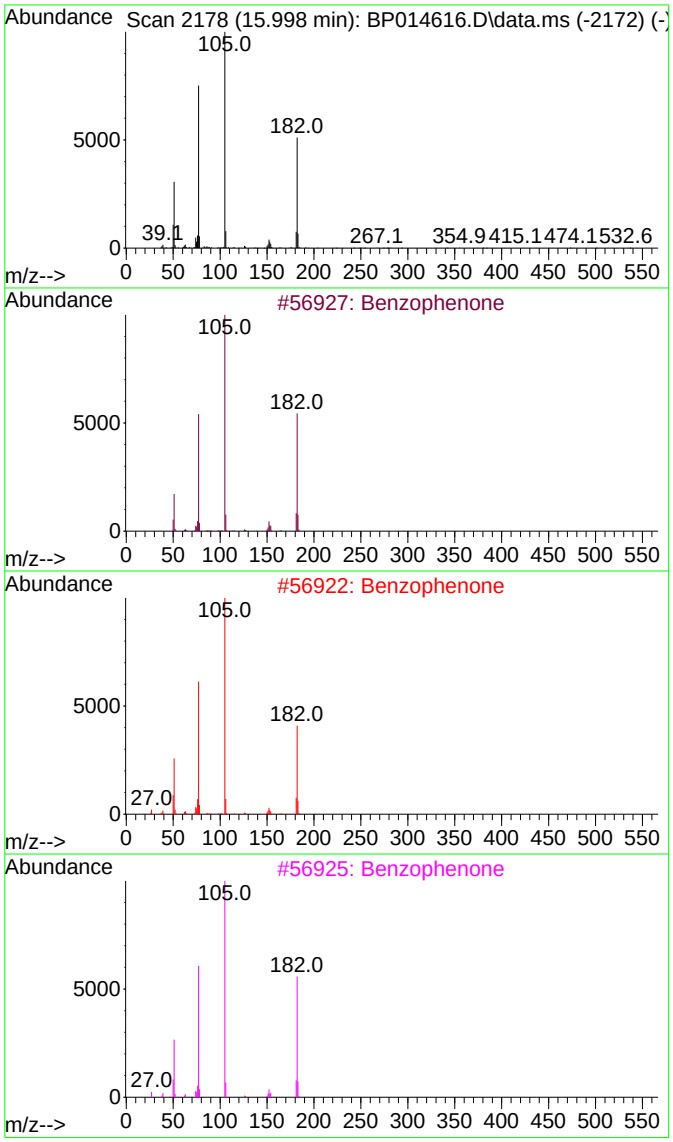
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

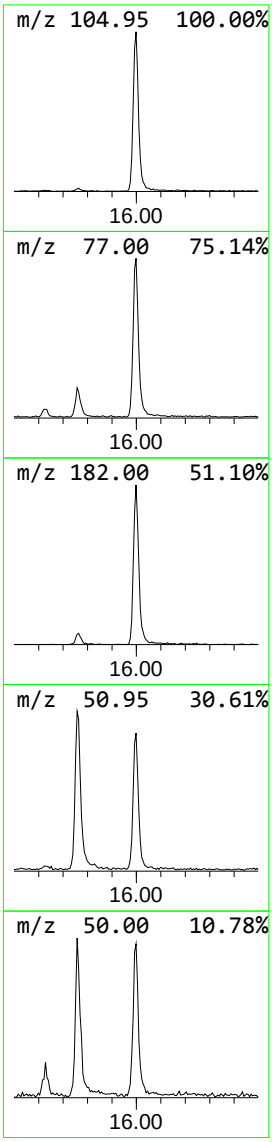
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	3.05 ng/ul	295182	Acenaphthene-d10	14.634

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	Benzophenone	182	C13H10O	000119-61-9	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AE6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

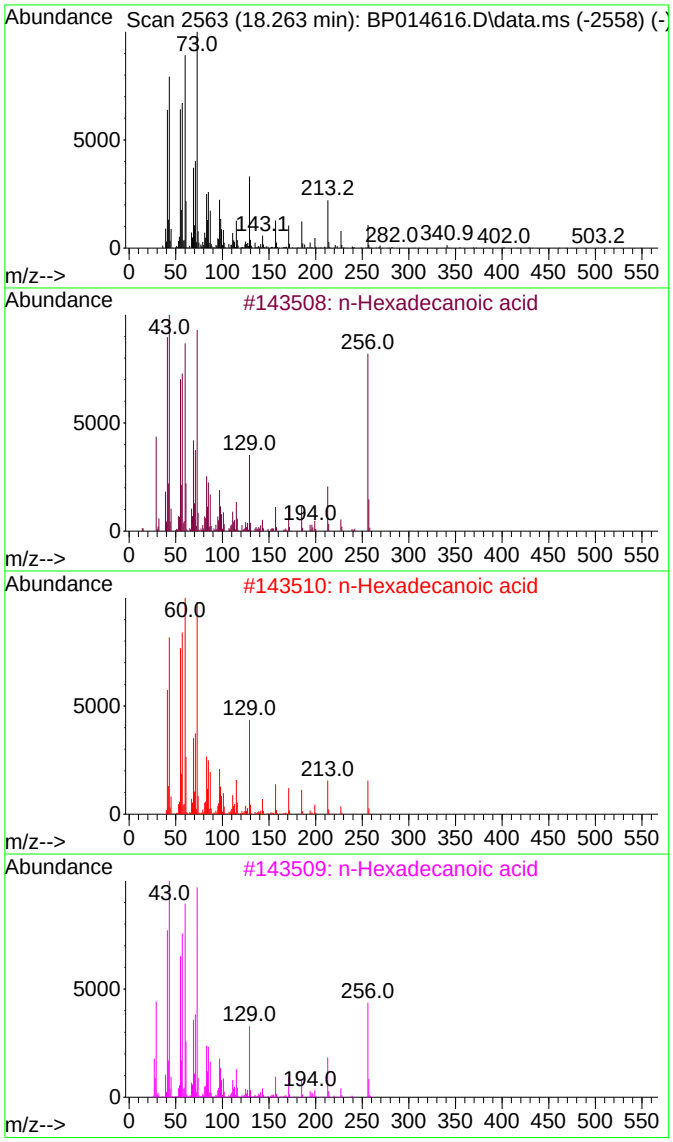
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

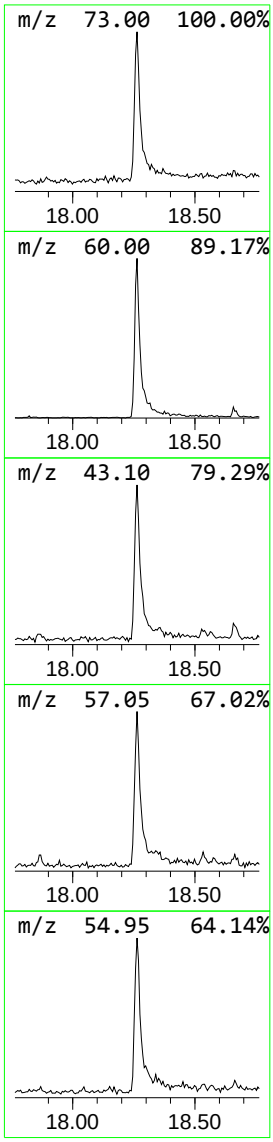
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	3.04 ng/ul	337158	Phenanthrene-d10	17.392

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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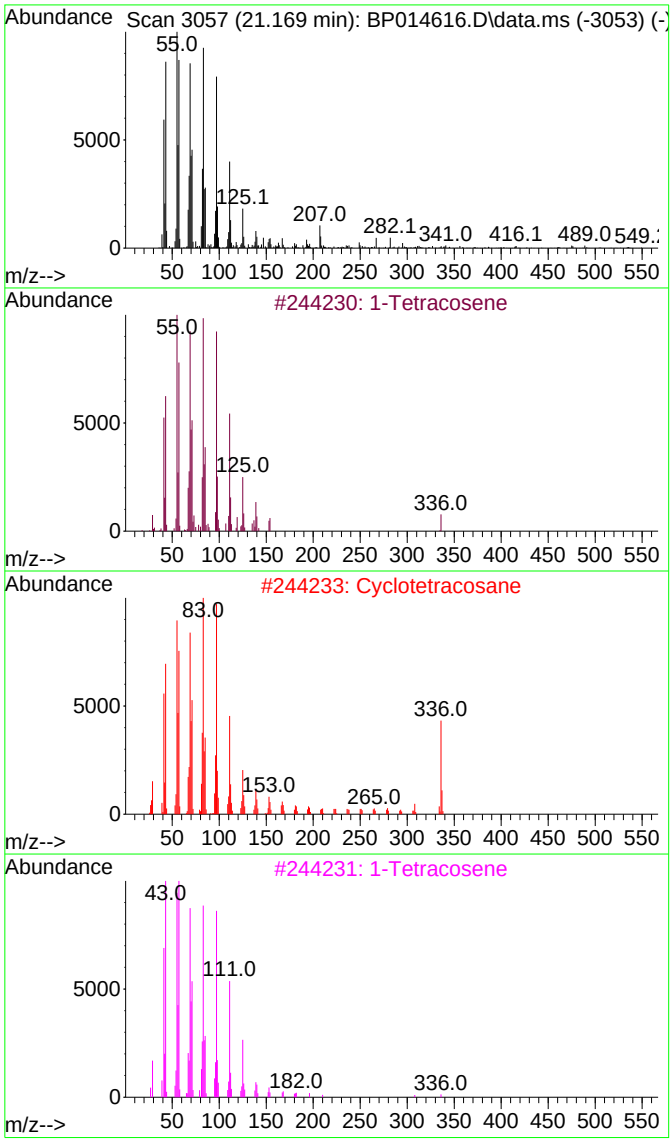
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

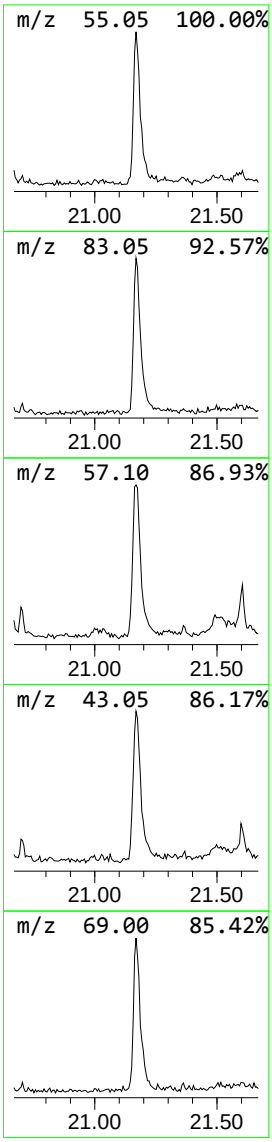
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.169	4.07 ng/ul	383052	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Cyclotetracosane	336	C24H48	000297-03-0	96
3	1-Tetracosene	336	C24H48	010192-32-2	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
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
Hexanoic acid, ...	9.287	2.8	ng/ul	133220	1	7.981	939444	20.0
Benzophenone	15.998	3.0	ng/ul	295182	3	14.634	1933650	20.0
n-Hexadecanoic ...	18.263	3.0	ng/ul	337158	4	17.392	2214570	20.0
(DEL) Alkane: S...	21.169	4.1	ng/ul	383052	5	21.486	1882790	20.0