LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022615.D
Acq On : 25 Oct 2024 17:17
Operator : RC/JU
Sample : P4436-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F36

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	32	35	41	rVB	12169	18844	0.81%	0.078%
2	3.605	102	105	119	rBV	135245	219827	9.47%	0.909%
3	3.699	119	121	128	rVB4	6584	10400	0.45%	0.043%
4	3.917	154	158	163	rVB2	7248	10343	0.45%	0.043%
5	4.093	184	188	192	rVB7	1440	2391	0.10%	0.010%
6	4.146	192	197	199	rBV5	2851	3645	0.16%	0.015%
7	4.287	217	221	225	rVB7	2979	4748	0.20%	0.020%
8	4.352	229	232	238	rBV3	2987	4271	0.18%	0.018%
9	4.469	248	252	256	rVB5	1520	2322	0.10%	0.010%
10	4.511	256	259	263	rBV3	3606	4829	0.21%	0.020%
11	5.499	423	427	431	rBV6	3406	6129	0.26%	0.025%
12	5.816	477	481	484	rVB6	2177	2613	0.11%	0.011%
13	6.028	512	517	523	rBV7	8384	15461	0.67%	0.064%
14	6.252	552	555	558	rBV4	2188	3135	0.14%	0.013%
15	6.475	588	593	597	rBV7	3444	6458	0.28%	0.027%
16	6.528	597	602	607	rVB3	5381	9628	0.41%	0.040%
17	6.799	638	648	652	rBV	107813	179217	7.72%	0.741%
18	6.846	652	656	669	rVB	200303	347650	14.98%	1.438%
19	6.993	675	681	694	rVB	157356	257599	11.10%	1.065%
20	7.199	709	716	724	rBV	213551	356133	15.35%	1.473%
21	7.346	737	741	745	rBV7	1855	2776	0.12%	0.011%
22	7.652	785	793	800	rBV	470884	750038	32.32%	3.102%
23	7.722	802	805	812	rVB7	4148	7980	0.34%	0.033%
24	8.357	905	913	924	rBV2	254286	429728	18.52%	1.777%
25	8.793	980	987	999	rBV	200098	359898	15.51%	1.488%
26	8.940	1008	1012	1013	rBV4	2406	2772	0.12%	0.011%
27	9.199	1048	1056	1063	rBV2	74344	112205	4.84%	0.464%
28	9.346	1076	1081	1089	rBV2	25665	44911	1.94%	0.186%
29	9.504	1101	1108	1114	rBV2	188111	327230	14.10%	1.353%
30	9.552	1114	1116	1123	rVV2	14611	25831	1.11%	0.107%
31	9.599	1123	1124	1129	rVB5	2117	2778	0.12%	0.011%
32	10.046	1192	1200	1213	rBV	280126	513533	22.13%	2.124%
33	10.410	1254	1262	1270	rBV	602499	1040447	44.84%	4.303%
34	10.546	1274	1285	1300	rBV	236271	452158	19.49%	1.870%
35	10.957	1346	1355	1363	rBV10	5739	13595	0.59%	0.056%
36	11.216	1394	1399	1401	rBV6	2296	3351	0.14%	0.014%

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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

37	11.428	1429	1435	1439	rBV7	3281	6660	0.29%	0.028%
38	11.675	1470	1477	1484	rVB2	19316	29883	1.29%	0.124%
39	11.822	1500	1502	1507	rVB5	3159	3618	0.16%	0.015%
40	11.993	1524	1531	1535	rBV5	5000	10153	0.44%	0.042%
41	12.704	1646	1652	1655	rBV8	2426	4187	0.18%	0.017%
42	12.793	1662	1667	1671	rVB6	4877	7408	0.32%	0.031%
43	13.075	1712	1715	1719	rVB3	3600	4225	0.18%	0.017%
44	13.669	1810	1816	1826	rBV	528784	891959	38.44%	3.689%
45	13.740	1826	1828	1832	rVV3	8705	10262	0.44%	0.042%
46	13.787	1832	1836	1841	rVB7	3850	6890	0.30%	0.028%
47	13.957	1855	1865	1875	rBV	528165	990148	42.67%	4.095%
48	14.087	1884	1887	1893	rVB7	3642	5683	0.24%	0.024%
49	14.157	1895	1899	1900	rBV3	2020	2345	0.10%	0.010%
50	14.269	1907	1918	1928	rBV	918063	1562993	67.36%	6.464%
51	14.387	1936	1938	1942	rVB5	1974	2385	0.10%	0.010%
52	14.504	1952	1958	1968	rBV	134496	262759	11.32%	1.087%
53	14.704	1989	1992	1997	rVB6	7424	9064	0.39%	0.037%
54	14.792	2005	2007	2015	rVB9	3525	5251	0.23%	0.022%
55	15.075	2051	2055	2058	rBV5	3305	4549	0.20%	0.019%
56	15.269	2081	2088	2103	rBV	723367	1370005	59.04%	5.666%
57	15.422	2108	2114	2125	rVV	198509	295778	12.75%	1.223%
58	15.516	2127	2130	2132	rVV3	8423	11315	0.49%	0.047%
59	15.545	2133	2135	2141	rVB5	9212	11916	0.51%	0.049%
60	15.651	2146	2153	2160	rBV	271824	439936	18.96%	1.819%
61	15.969	2204	2207	2209	rBV4	3254	4066	0.18%	0.017%
62	16.051	2214	2221	2224	rBV3	15082	25685	1.11%	0.106%
63	16.216	2246	2249	2256	rVB2	20221	25663	1.11%	0.106%
64	16.475	2290	2293	2294	rBV3	4239	4279	0.18%	0.018%
65	16.592	2310	2313	2317	rVB6	5716	6649	0.29%	0.027%
66	17.069	2387	2394	2406	rBV	1180634	1974815	85.11%	8.167%
67	17.175	2406	2412	2421	rVV	1182552	1534344	66.13%	6.346%
68	17.451	2457	2459	2462	rBV4	6984	10025	0.43%	0.041%
69	17.916	2536	2538	2540	rBV3	7048	7302	0.31%	0.030%
70	18.004	2547	2553	2567	rBV2	140999	312281	13.46%	1.291%
71	18.598	2650	2654	2658	rBV6	30393	44742	1.93%	0.185%
72	18.798	2685	2688	2692	rBV6	17317	22897	0.99%	0.095%
73	19.339	2777	2780	2788	rBV3	46453	76894	3.31%	0.318%
74	19.551	2810	2816	2825	rBV	1215349	1901516	81.95%	7.864%
75	21.186	3090	3094	3102	rVB3	112011	195031	8.41%	0.807%
76	21.516	3144	3150	3155	rBV2	1557186	2266340	97.67%	9.373%

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Title : SVOA CALIBRATION

77	24.545	3657	3665	3675	rVB	818509	1942811	83.73%	8.035%
78	24.774	3696	3704	3715	rVB	852226	2320343	100.00%	9.596%

Sum of corrected areas: 24179929

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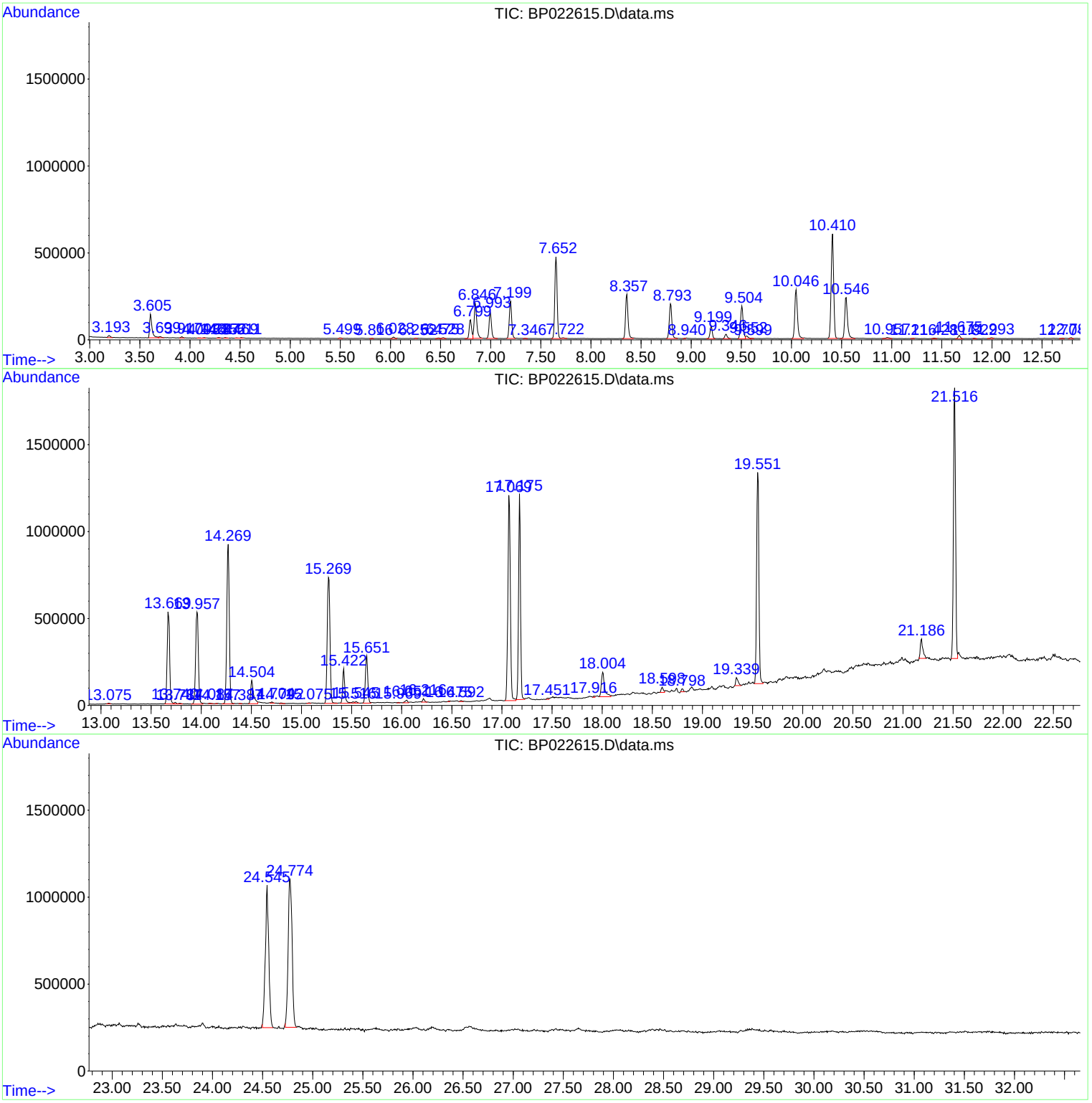
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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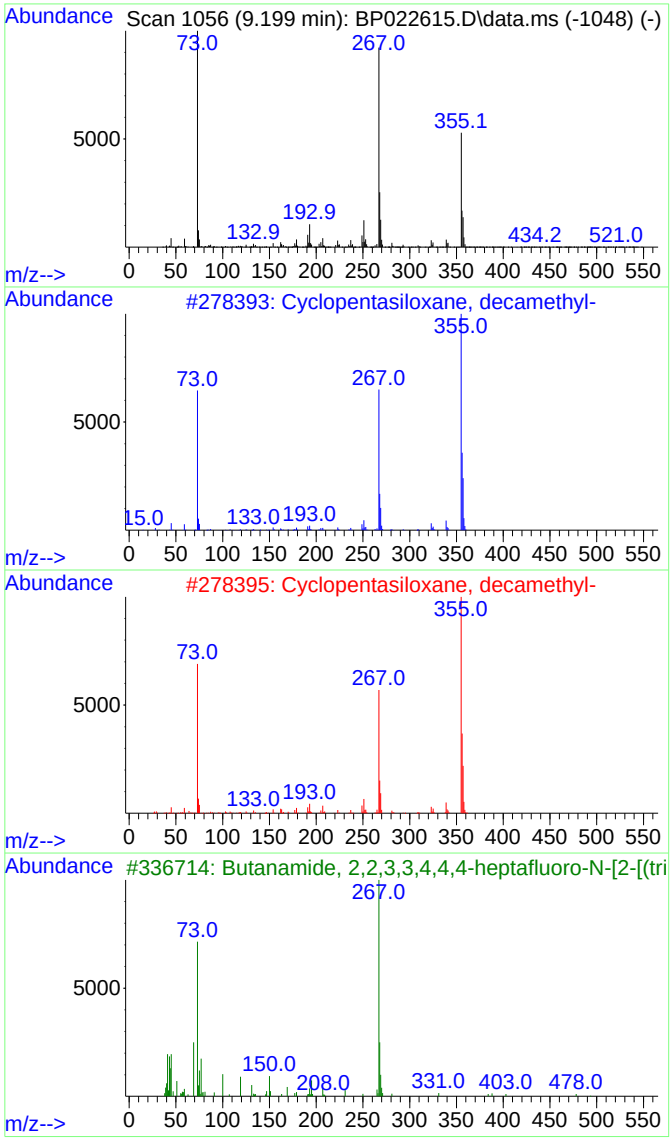
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

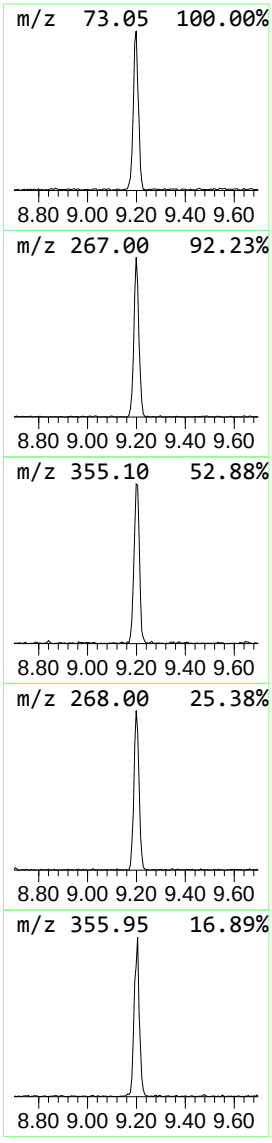
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.199	2.16 ng/ul	112205	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Butanamide, 2,2,3,3,4,4,4-heptaf...	493	C18H26F7NO3Si2	055471-01-7	53
4	Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	47
5	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

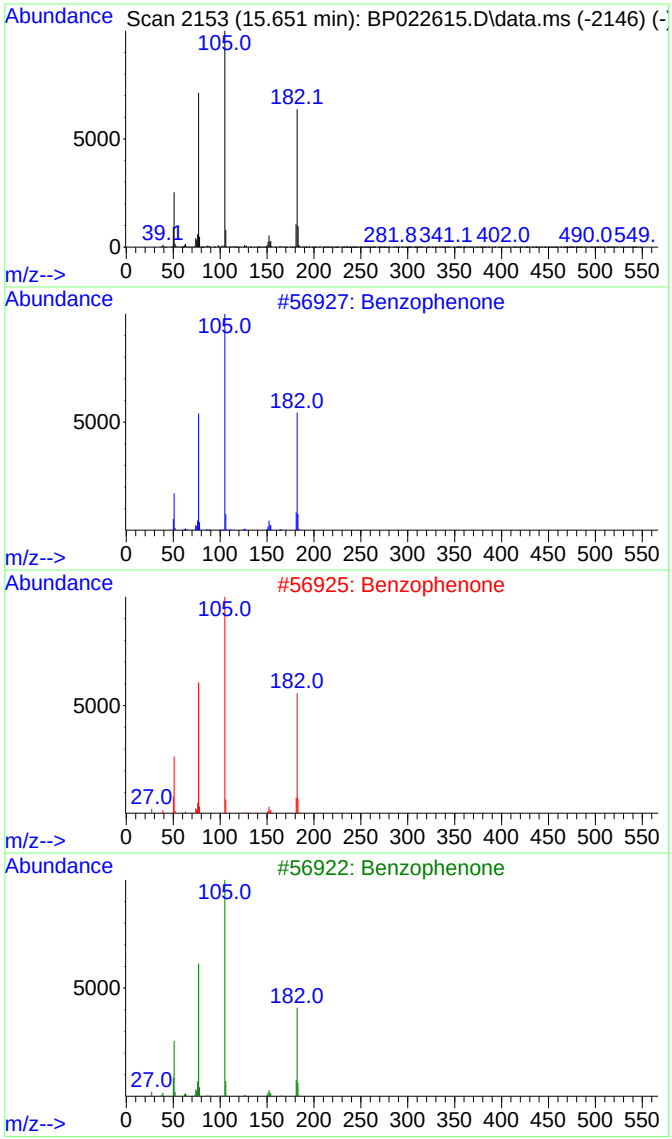
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

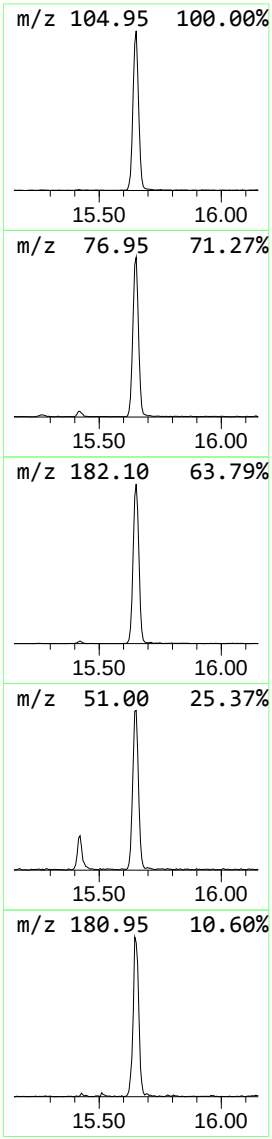
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.63 ng/ul	439936	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72





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Sample : P4436-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F36

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

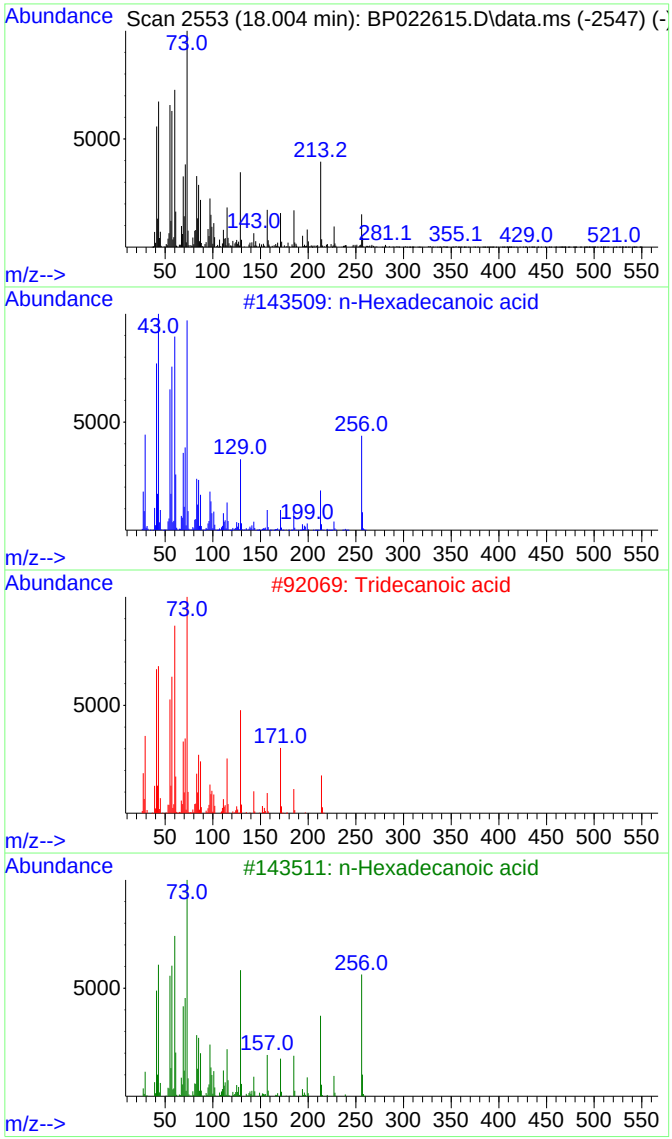
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

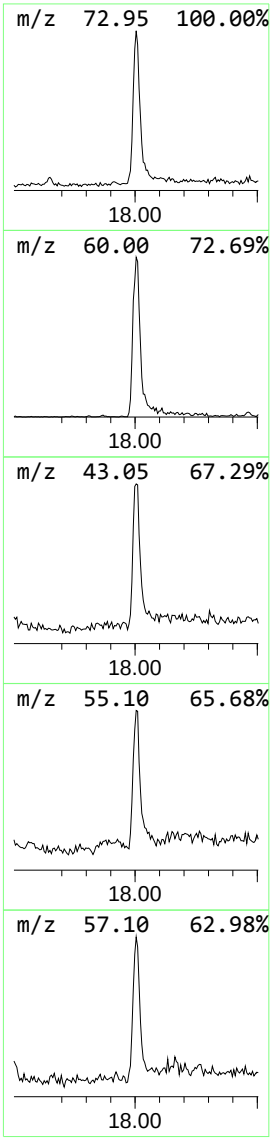
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.004	3.16 ng/ul	312281	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





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
Cyclopentasilox...	9.199	2.2	ng/ul	112205	2	10.410	1040450	20.0
Benzophenone	15.651	5.6	ng/ul	439936	3	14.269	1562990	20.0
n-Hexadecanoic ...	18.004	3.2	ng/ul	312281	4	17.069	1974820	20.0