LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022620.D
Acq On : 25 Oct 2024 21:20
Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

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: BP022620.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	30	34	40	rBV2	10849	13646	0.56%	0.057%
2	3.599	100	104	117	rBV	138210	210568	8.64%	0.884%
3	3.699	118	121	126	rVB4	8221	11823	0.49%	0.050%
4	3.917	154	158	162	rVB2	4915	7353	0.30%	0.031%
5	4.075	180	185	186	rBV5	1927	2465	0.10%	0.010%
6	4.469	249	252	255	rVB5	2671	3244	0.13%	0.014%
7	4.511	255	259	265	rVB7	2890	4447	0.18%	0.019%
8	5.493	421	426	431	rBV6	4049	7610	0.31%	0.032%
9	5.716	458	464	467	rVB8	2262	3998	0.16%	0.017%
10	5.816	479	481	486	rVB6	2300	2951	0.12%	0.012%
11	6.028	511	517	521	rBV2	11740	20253	0.83%	0.085%
12	6.075	524	525	532	rVB7	2581	2517	0.10%	0.011%
13	6.211	541	548	549	rBV7	1508	2729	0.11%	0.011%
14	6.246	551	554	557	rBV5	2003	2995	0.12%	0.013%
15	6.481	589	594	598	rVV3	6119	9372	0.38%	0.039%
16	6.528	598	602	607	rVB3	7511	12136	0.50%	0.051%
17	6.799	642	648	650	rBV5	3117	5786	0.24%	0.024%
18	6.846	650	656	670	rVB	217534	383208	15.73%	1.609%
19	6.993	675	681	696	rVB	152814	250989	10.30%	1.054%
20	7.193	708	715	725	rBV	221742	361593	14.84%	1.518%
21	7.652	785	793	801	rBV	299702	469402	19.27%	1.971%
22	7.728	801	806	812	rVB4	5909	9904	0.41%	0.042%
23	8.357	905	913	930	rBV	284858	497433	20.42%	2.088%
24	8.557	941	947	949	rBV6	1449	2799	0.11%	0.012%
25	8.793	980	987	998	rBV	219186	372038	15.27%	1.562%
26	8.952	1011	1014	1018	rVB6	2095	3176	0.13%	0.013%
27	9.199	1049	1056	1063	rVB2	8763	14408	0.59%	0.060%
28	9.352	1076	1082	1090	rBV2	30475	53859	2.21%	0.226%
29	9.504	1100	1108	1120	rBV	198276	347096	14.25%	1.457%
30	10.046	1193	1200	1214	rBV	303231	552429	22.67%	2.319%
31	10.404	1252	1261	1270	rBV	401557	656947	26.96%	2.758%
32	10.546	1277	1285	1304	rBV	218935	431005	17.69%	1.809%
33	10.957	1348	1355	1362	rBV9	7399	16616	0.68%	0.070%
34	11.222	1392	1400	1405	rBV10	2864	6159	0.25%	0.026%
35	11.675	1473	1477	1484	rVB4	5303	7930	0.33%	0.033%
36	11.816	1495	1501	1503	rBV6	1674	2479	0.10%	0.010%

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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

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

37	11.998	1524	1532	1538	rBV4	5176	10020	0.41%	0.042%
38	13.075	1711	1715	1719	rBV6	2990	4300	0.18%	0.018%
39	13.216	1731	1739	1740	rBV7	1889	3529	0.14%	0.015%
40	13.675	1810	1817	1829	rVV	675762	916920	37.63%	3.849%
41	13.787	1833	1836	1842	rVB7	1821	2573	0.11%	0.011%
42	13.957	1856	1865	1875	rBV	688690	1005144	41.26%	4.220%
43	14.263	1910	1917	1927	rBV	644859	1009025	41.41%	4.236%
44	14.392	1934	1939	1942	rVB7	2188	3209	0.13%	0.013%
45	14.504	1951	1958	1972	rBV2	171945	415821	17.07%	1.746%
46	14.716	1989	1994	2000	rVB8	7452	13774	0.57%	0.058%
47	15.116	2057	2062	2068	rVB8	1190	3206	0.13%	0.013%
48	15.281	2082	2090	2098	rBV	834813	1402818	57.58%	5.889%
49	15.422	2108	2114	2126	rBV	331894	409464	16.81%	1.719%
50	15.516	2126	2130	2138	rVB9	4920	12154	0.50%	0.051%
51	15.663	2148	2155	2165	rBV	399429	605825	24.87%	2.543%
52	16.086	2224	2227	2231	rVB6	2216	2936	0.12%	0.012%
53	16.222	2245	2250	2255	rVV2	17312	26103	1.07%	0.110%
54	16.281	2258	2260	2266	rVB7	2628	3272	0.13%	0.014%
55	16.475	2289	2293	2297	rBV7	4030	6465	0.27%	0.027%
56	16.734	2333	2337	2344	rBV9	4029	8483	0.35%	0.036%
57	16.834	2350	2354	2356	rBV4	2954	4084	0.17%	0.017%
58	16.992	2379	2381	2386	rVB6	2856	3675	0.15%	0.015%
59	17.086	2389	2397	2401	rVV	918257	1422976	58.41%	5.974%
60	17.128	2401	2404	2407	rVV	71276	92090	3.78%	0.387%
61	17.181	2407	2413	2423	rVV	1115254	1684234	69.13%	7.071%
62	17.275	2427	2429	2443	rVB	9766	21722	0.89%	0.091%
63	17.510	2463	2469	2473	rBV3	6425	12343	0.51%	0.052%
64	17.663	2492	2495	2496	rBV2	3471	3062	0.13%	0.013%
65	17.869	2528	2530	2534	rBV5	3682	5412	0.22%	0.023%
66	18.016	2550	2555	2571	rVB2	192622	318642	13.08%	1.338%
67	18.186	2579	2584	2590	rBV4	16874	33455	1.37%	0.140%
68	18.457	2628	2630	2633	rBV3	5633	7678	0.32%	0.032%
69	18.516	2636	2640	2643	rVV6	7428	10690	0.44%	0.045%
70	18.563	2645	2648	2653	rVB4	8538	12827	0.53%	0.054%
71	18.892	2701	2704	2708	rVB4	11519	15671	0.64%	0.066%
72	18.951	2710	2714	2716	rBV5	6319	9011	0.37%	0.038%
73	19.098	2736	2739	2743	rVB3	18273	23912	0.98%	0.100%
74	19.175	2749	2752	2753	rBV	16079	16700	0.69%	0.070%
75	19.210	2754	2758	2766	rVB	160977	234574	9.63%	0.985%
76	19.345	2777	2781	2788	rBV2	56997	91786	3.77%	0.385%

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

77	19.557	2811	2817	2827	rBV	1537546	2436379	100.00%	10.228%
78	21.180	3089	3093	3103	rBV7	82077	184746	7.58%	0.776%
79	21.504	3142	3148	3153	rBV	1312789	1919970	78.80%	8.060%
80	22.369	3292	3295	3299	rBV2	52734	83960	3.45%	0.352%
81	23.898	3551	3555	3564	rVB	112533	226626	9.30%	0.951%
82	24.551	3657	3666	3676	rBV	886558	2373864	97.43%	9.966%
83	24.780	3696	3705	3714	rBV	737496	1941561	79.69%	8.151%

Sum of corrected areas: 23820054

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Instrument :
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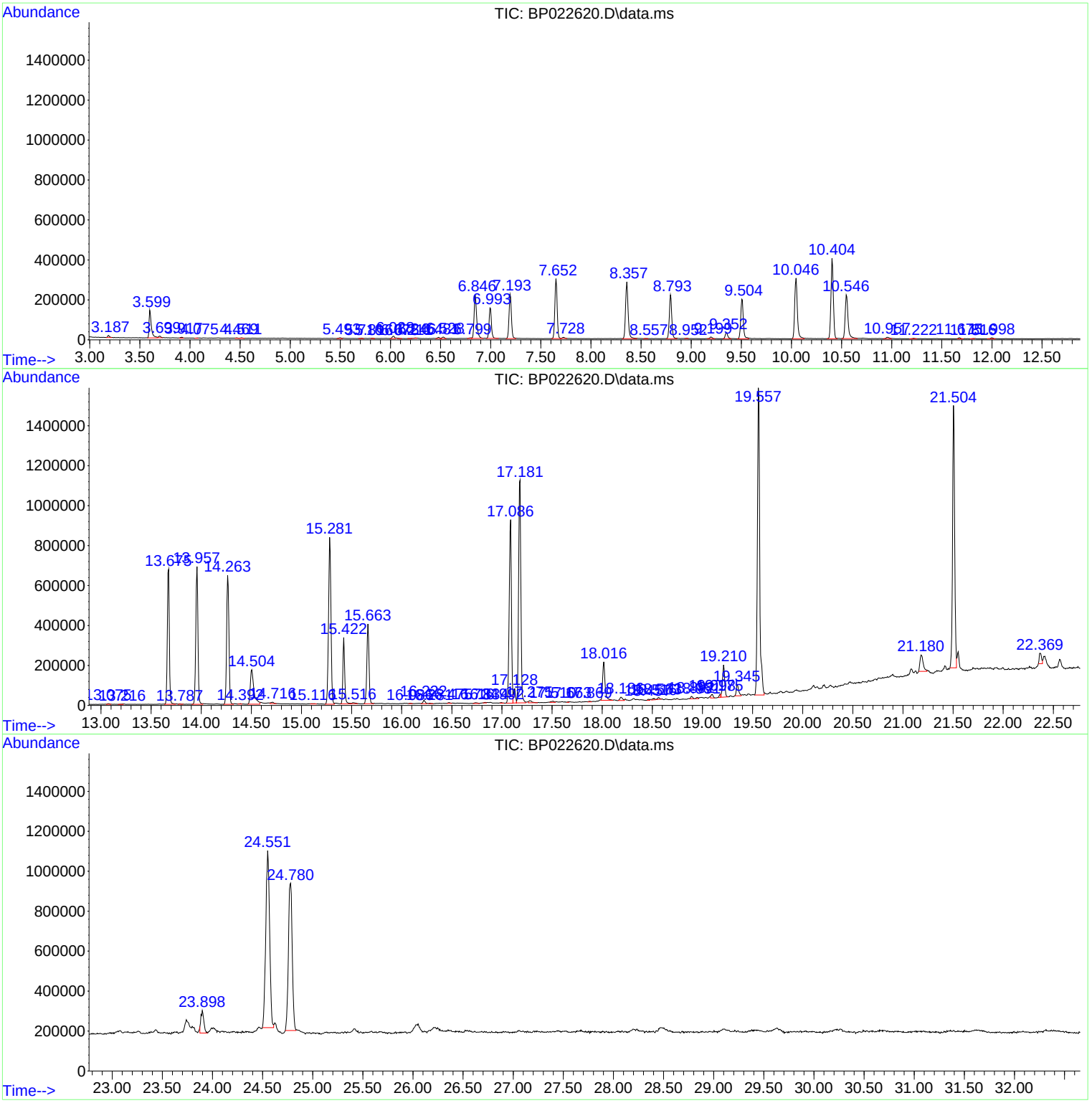
ClientSampleId :
A4F37

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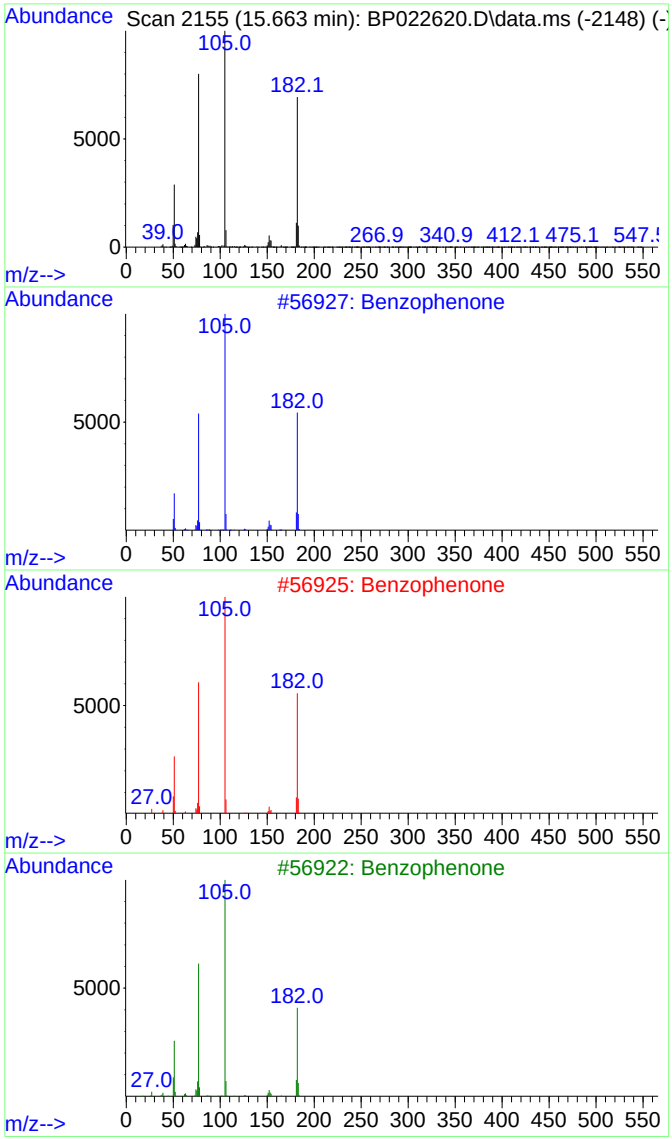
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

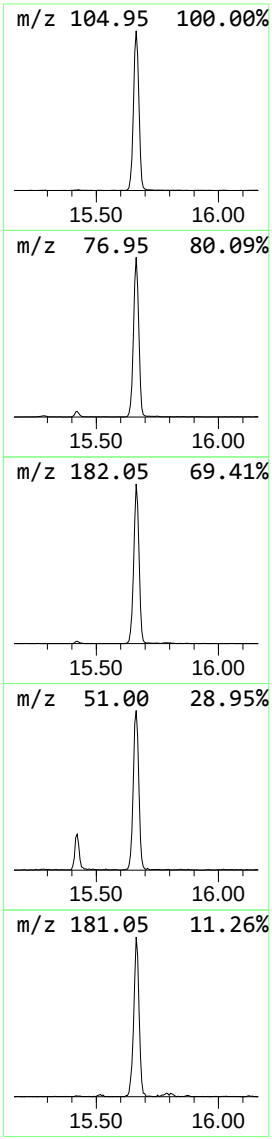
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	12.01 ng/ul	605825	Acenaphthene-d10	14.263

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	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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Operator : RC/JU
Sample : P4436-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

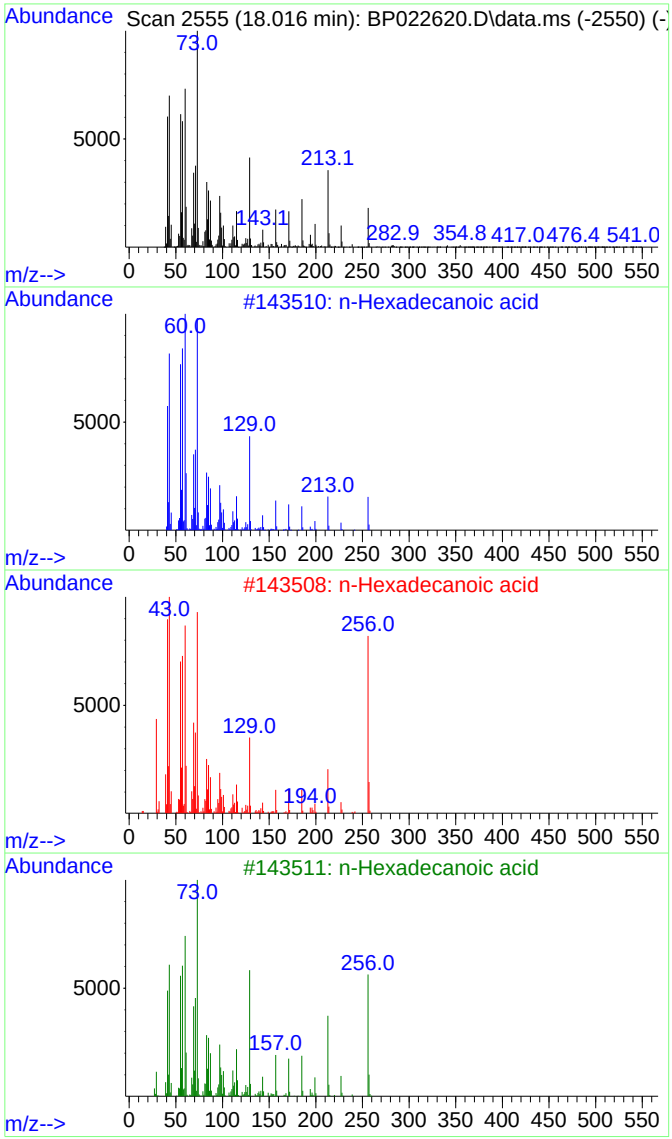
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

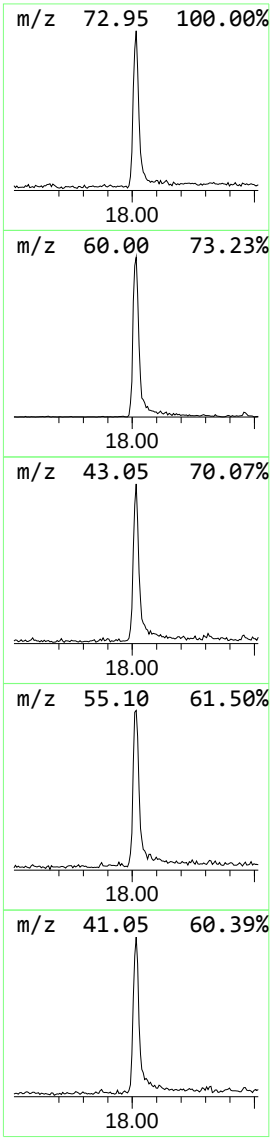
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	4.48 ng/ul	318642	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F37

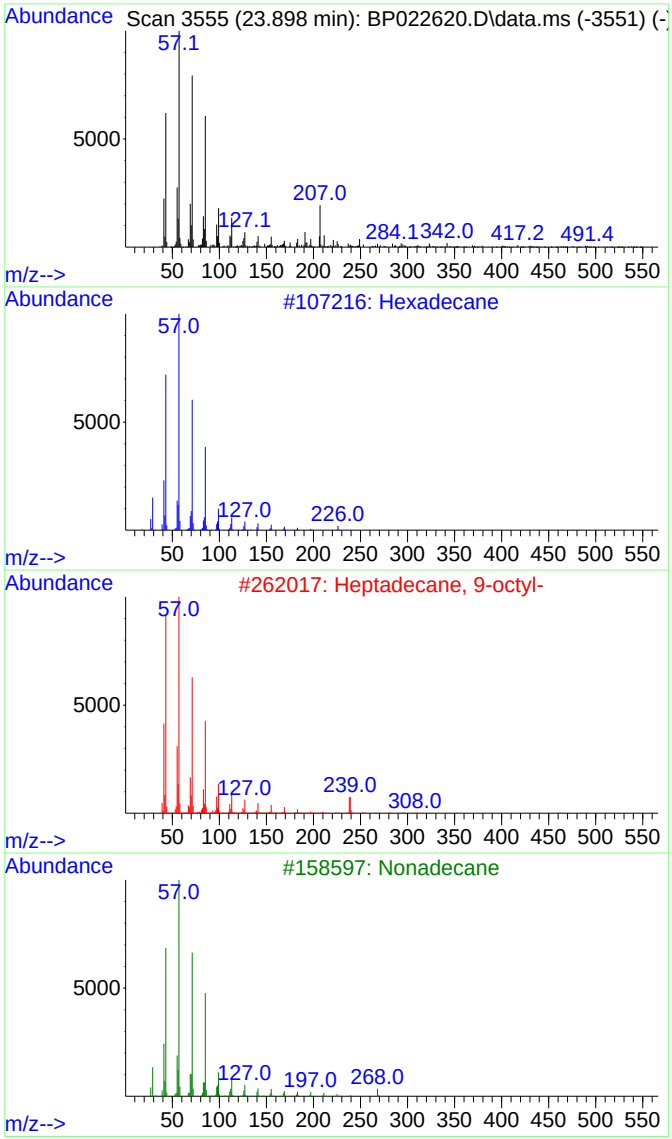
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

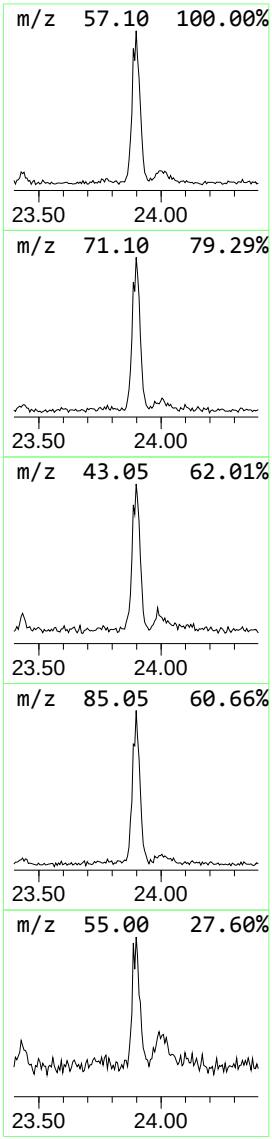
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.898	2.33 ng/ul	226626	Perylene-d12	24.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Nonadecane	268	C19H40	000629-92-5	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.663	12.0	ng/ul	605825	3	14.263	1009030	20.0
n-Hexadecanoic ...	18.016	4.5	ng/ul	318642	4	17.086	1422980	20.0
(DEL) Alkane: S...	23.898	2.3	ng/ul	226626	6	24.780	1941560	20.0