LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034448.D
Acq On : 07 Oct 2024 21:32
Operator : RC/JU
Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4EZ1

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN034448.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.999	16	19	25	rVB	35949	38484	1.28%	0.101%
2	3.387	81	85	100	rBV	312009	472393	15.67%	1.245%
3	3.687	132	136	143	rVB	21211	30722	1.02%	0.081%
4	4.093	202	205	206	rBV3	2941	3582	0.12%	0.009%
5	4.128	209	211	215	rVV4	3729	4878	0.16%	0.013%
6	4.581	281	288	291	rBV3	9846	17265	0.57%	0.046%
7	4.940	348	349	354	rVB4	3608	4229	0.14%	0.011%
8	5.158	383	386	389	rBV4	4008	5958	0.20%	0.016%
9	5.511	444	446	451	rVB6	2921	4317	0.14%	0.011%
10	5.975	521	525	526	rBV3	3103	3152	0.10%	0.008%
11	6.581	621	628	644	rVB	458855	762234	25.28%	2.009%
12	6.734	648	654	663	rBV	392000	588646	19.53%	1.552%
13	6.916	679	685	696	rBV	522732	813757	26.99%	2.145%
14	7.016	699	702	704	rBV4	2529	3586	0.12%	0.009%
15	7.375	755	763	774	rBV	805001	1227911	40.73%	3.236%
16	7.463	774	778	784	rVB9	5378	12033	0.40%	0.032%
17	7.693	814	817	821	rVB6	1744	3083	0.10%	0.008%
18	7.828	836	840	843	rBV4	2027	3546	0.12%	0.009%
19	8.093	878	885	899	rBV	569711	942619	31.27%	2.484%
20	8.522	950	958	969	rVV	424831	709039	23.52%	1.869%
21	8.704	985	989	993	rVB5	3902	5397	0.18%	0.014%
22	8.963	1028	1033	1037	rBV6	5753	10851	0.36%	0.029%
23	9.104	1052	1057	1063	rBV2	35101	59948	1.99%	0.158%
24	9.146	1063	1064	1068	rVV4	3541	3586	0.12%	0.009%
25	9.234	1072	1079	1095	rVV	358358	612443	20.31%	1.614%
26	9.675	1148	1154	1157	rVB7	2830	4373	0.15%	0.012%
27	9.769	1163	1170	1182	rBV	565406	975664	32.36%	2.572%
28	10.010	1208	1211	1213	rBV4	3168	3212	0.11%	0.008%
29	10.134	1224	1232	1239	rBV	1018248	1676789	55.62%	4.420%
30	10.281	1249	1257	1273	rBV	417751	788184	26.14%	2.077%
31	10.722	1326	1332	1334	rBV7	8783	15043	0.50%	0.040%
32	11.328	1428	1435	1438	rBV7	1696	3671	0.12%	0.010%
33	11.593	1471	1480	1485	rVB7	3394	8421	0.28%	0.022%
34	11.740	1499	1505	1509	rVB2	9634	17559	0.58%	0.046%
35	11.816	1516	1518	1522	rVB5	3076	3194	0.11%	0.008%
36	12.034	1550	1555	1560	rBV6	4086	6072	0.20%	0.016%

LSC Area Percent Report

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Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EZ1

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

37	12.575	1641	1647	1651	rVB6	2987	5244	0.17%	0.014%
38	12.869	1692	1697	1701	rBV4	9008	13882	0.46%	0.037%
39	12.951	1705	1711	1712	rBV6	2317	3102	0.10%	0.008%
40	13.010	1717	1721	1725	rVB6	3101	5577	0.18%	0.015%
41	13.269	1761	1765	1768	rBV5	2828	5142	0.17%	0.014%
42	13.340	1774	1777	1779	rBV4	3001	3983	0.13%	0.010%
43	13.404	1785	1788	1790	rVB4	3895	4271	0.14%	0.011%
44	13.457	1790	1797	1806	rBV	954103	1341304	44.49%	3.535%
45	13.581	1815	1818	1822	rBV6	4632	4839	0.16%	0.013%
46	13.716	1834	1841	1856	rBV	1138357	1699226	56.36%	4.479%
47	13.963	1878	1883	1886	rBV7	7044	8043	0.27%	0.021%
48	14.028	1888	1894	1902	rVV	1420548	2111178	70.03%	5.564%
49	14.098	1902	1906	1910	rVB4	9455	17410	0.58%	0.046%
50	14.269	1928	1935	1949	rBV	176557	411273	13.64%	1.084%
51	14.828	2026	2030	2031	rBV4	3654	3316	0.11%	0.009%
52	14.869	2034	2037	2039	rVB4	4716	4858	0.16%	0.013%
53	15.034	2059	2065	2072	rBV	1472750	2051489	68.05%	5.407%
54	15.169	2082	2088	2100	rBV	298059	417815	13.86%	1.101%
55	15.410	2123	2129	2137	rBV	516890	712928	23.65%	1.879%
56	15.710	2178	2180	2182	rBV3	3673	4681	0.16%	0.012%
57	15.975	2222	2225	2230	rVB2	13136	17492	0.58%	0.046%
58	16.139	2252	2253	2254	rBV	5076	3302	0.11%	0.009%
59	16.333	2281	2286	2289	rBV7	13388	17311	0.57%	0.046%
60	16.681	2341	2345	2348	rBV4	15673	20093	0.67%	0.053%
61	16.786	2357	2363	2368	rBV	1696497	2443739	81.06%	6.441%
62	16.828	2368	2370	2375	rVV	155231	194697	6.46%	0.513%
63	16.886	2375	2380	2391	rVV2	1610723	2261683	75.02%	5.961%
64	16.981	2393	2396	2404	rVB7	24333	49239	1.63%	0.130%
65	17.251	2439	2442	2446	rBV5	16511	24574	0.82%	0.065%
66	17.404	2462	2468	2473	rVB2	64827	110715	3.67%	0.292%
67	17.516	2484	2487	2494	rVB8	23004	35896	1.19%	0.095%
68	17.728	2516	2523	2531	rBV2	463728	743842	24.67%	1.961%
69	17.875	2542	2548	2554	rVB5	98118	180967	6.00%	0.477%
70	17.933	2555	2558	2562	rVB	53386	62565	2.08%	0.165%
71	17.975	2562	2565	2569	rBV2	43833	56532	1.88%	0.149%
72	18.157	2593	2596	2602	rBV3	62577	104300	3.46%	0.275%
73	18.657	2678	2681	2686	rBV6	28934	47397	1.57%	0.125%
74	18.710	2687	2690	2692	rVV	39321	50251	1.67%	0.132%
75	18.745	2693	2696	2704	rVB4	66915	116770	3.87%	0.308%
76	18.863	2712	2716	2721	rVB	329444	404585	13.42%	1.066%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EZ1

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

77	19.022	2739	2743	2750	rBV3	212593	321938	10.68%	0.849%
78	19.198	2768	2773	2777	rBV	1949548	2731290	90.60%	7.199%
79	20.763	3035	3039	3054	rVB2	483610	733174	24.32%	1.932%
80	21.021	3077	3083	3088	rBV	1928333	2869334	95.18%	7.563%
81	23.551	3505	3513	3519	rBV	1187063	2648498	87.85%	6.981%
82	23.733	3537	3544	3551	rBV	1348621	3014776	100.00%	7.946%

Sum of corrected areas: 37940362

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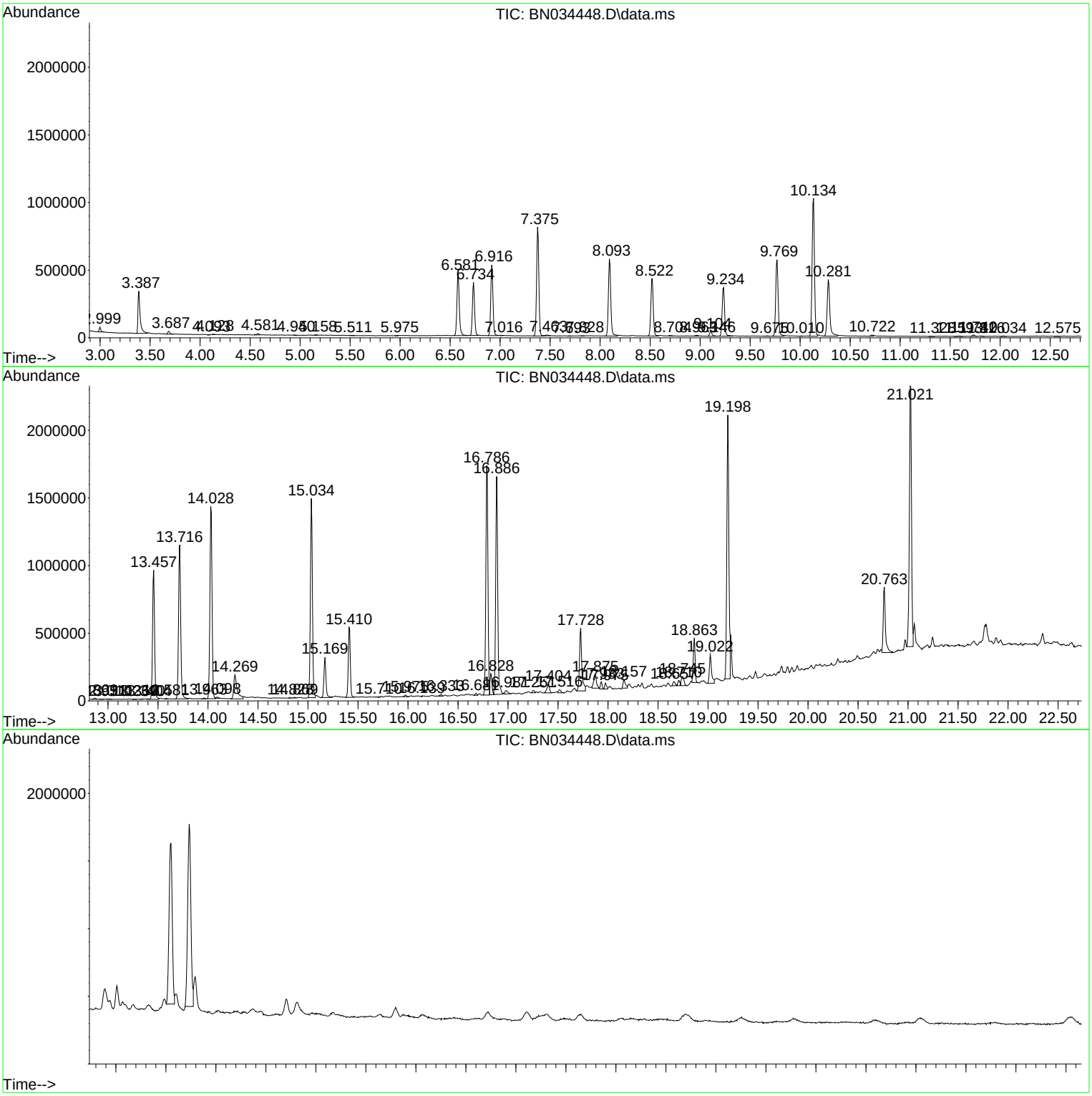
Instrument :
BNA_N
ClientSampleId :
A4EZ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034448.D
Acq On : 07 Oct 2024 21:32
Operator : RC/JU
Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

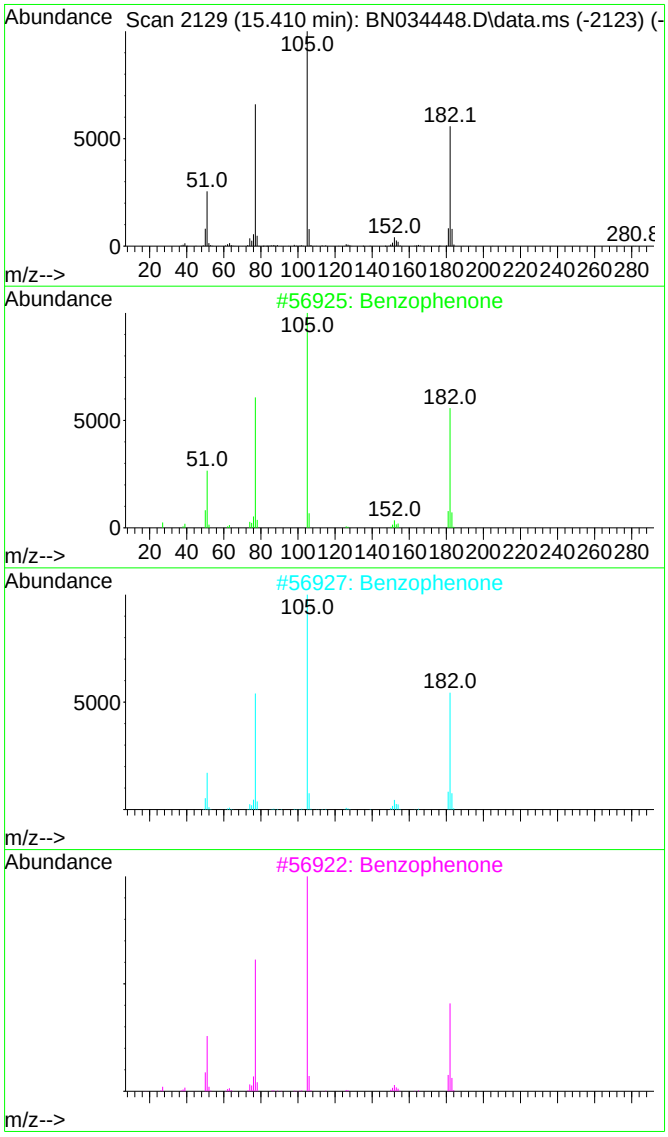
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

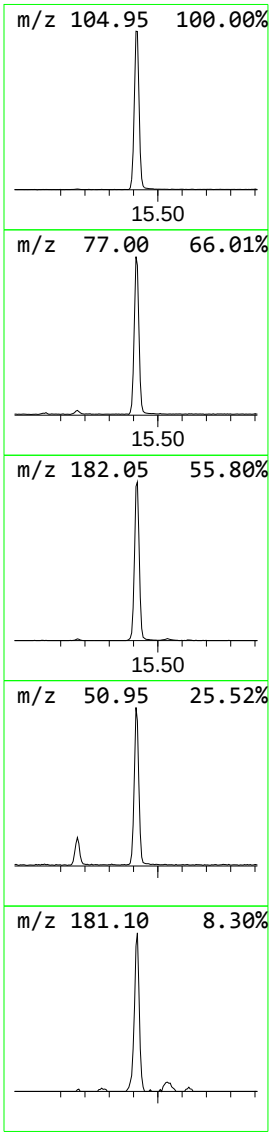
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.83 ng/ul	712928	Phenanthrene-d10	16.786

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	93
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034448.D
Acq On : 07 Oct 2024 21:32
Operator : RC/JU
Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EZ1

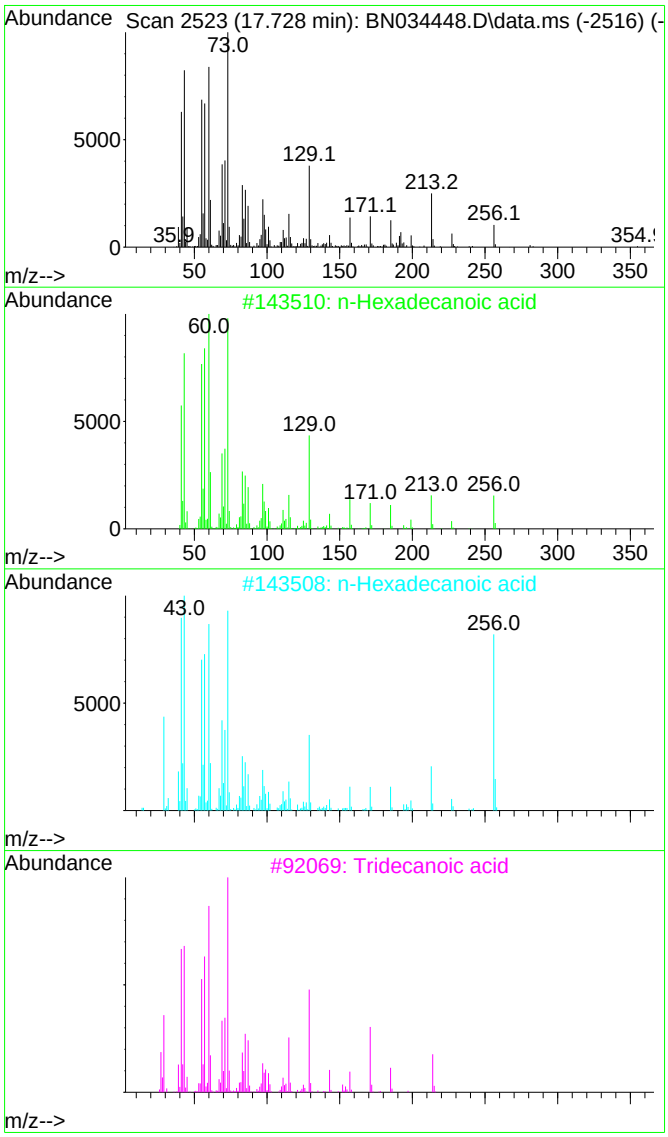
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

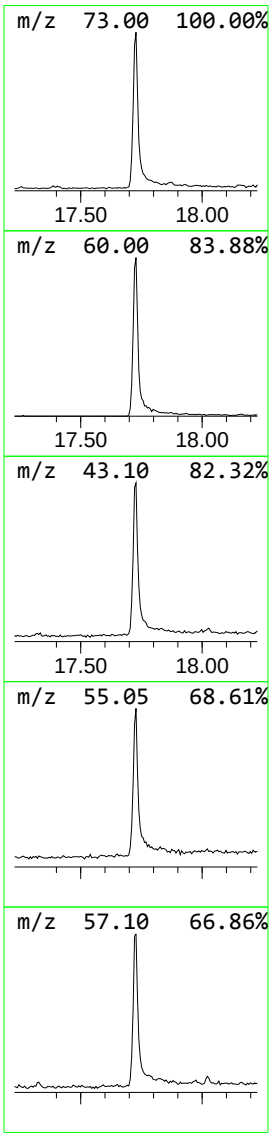
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	6.09 ng/ul	743842	Phenanthrene-d10	16.786

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	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
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Operator : RC/JU
Sample : P4131-17
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EZ1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

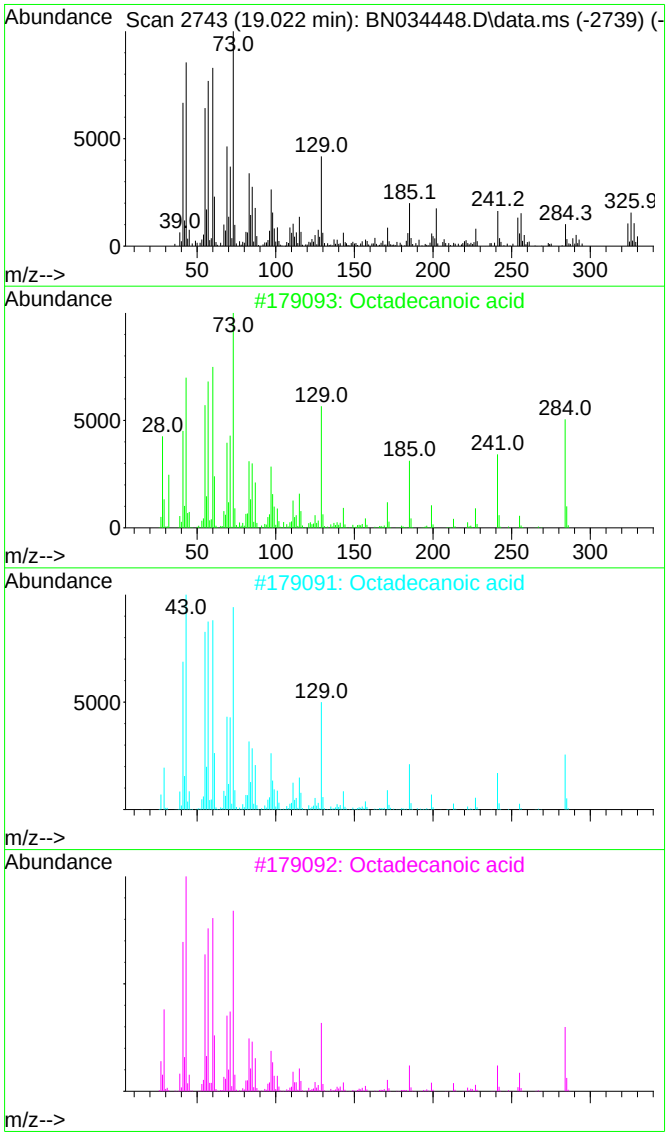
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

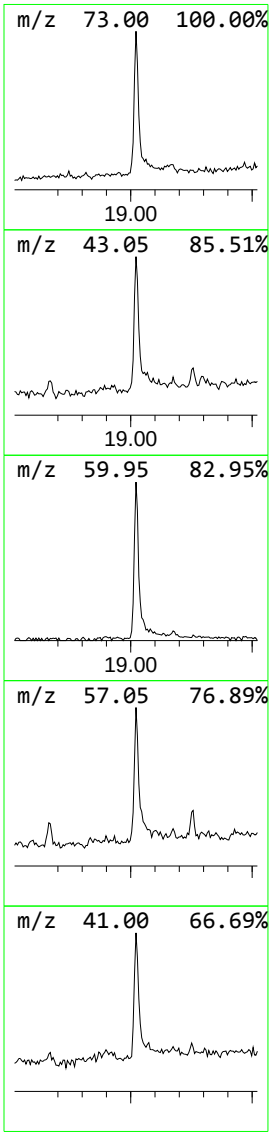
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.24 ng/ul	321938	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





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Sample : P4131-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EZ1

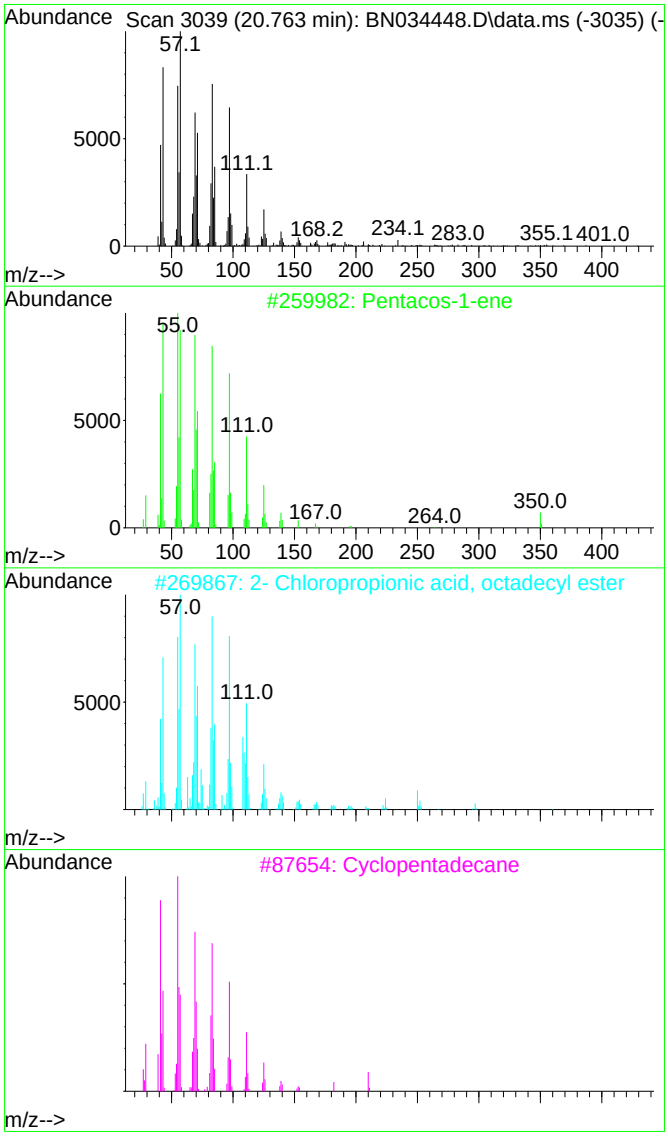
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

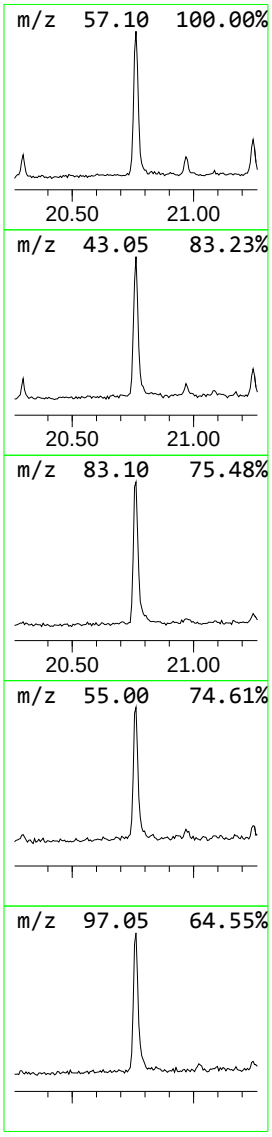
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.763	5.11 ng/ul	733174	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.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	15.410	5.8	ng/ul	712928	4	16.786	2443740	20.0
n-Hexadecanoic ...	17.727	6.1	ng/ul	743842	4	16.786	2443740	20.0
Octadecanoic acid	19.022	2.2	ng/ul	321938	5	21.027	2869330	20.0
(DEL) Alkane: S...	20.763	5.1	ng/ul	733174	5	21.027	2869330	20.0