LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4EX1

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: BN034446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.993	15	18	24	rVB	15576	20588	0.50%	0.042%
2	3.399	82	87	98	rBV2	19608	43495	1.07%	0.089%
3	3.487	98	102	110	rVB	44293	58988	1.45%	0.120%
4	3.687	132	136	140	rBV	18274	24912	0.61%	0.051%
5	4.564	280	285	295	rVB3	23572	44949	1.10%	0.092%
6	6.575	616	627	642	rVB	245947	458834	11.24%	0.935%
7	6.734	648	654	665	rVB	228848	358629	8.79%	0.731%
8	6.916	679	685	697	rVB	299675	472194	11.57%	0.962%
9	7.022	697	703	711	rVB7	10165	19877	0.49%	0.040%
10	7.375	756	763	772	rBV	940025	1450728	35.54%	2.956%
11	8.093	879	885	893	rBV	243159	399530	9.79%	0.814%
12	8.193	896	902	912	rVB	80832	135088	3.31%	0.275%
13	8.516	951	957	967	rVV	260606	436208	10.69%	0.889%
14	9.234	1073	1079	1085	rBV	213621	355241	8.70%	0.724%
15	9.428	1104	1112	1119	rBV6	7055	22674	0.56%	0.046%
16	9.593	1136	1140	1145	rVB5	10012	17155	0.42%	0.035%
17	9.769	1163	1170	1182	rBV	320256	572562	14.03%	1.167%
18	10.134	1224	1232	1238	rBV	1253506	2068718	50.69%	4.215%
19	10.175	1238	1239	1244	rVV	28066	36084	0.88%	0.074%
20	10.293	1248	1259	1272	rBV2	23263	68812	1.69%	0.140%
21	10.704	1322	1329	1336	rBV10	7870	22157	0.54%	0.045%
22	11.804	1511	1516	1524	rVB	14234	25772	0.63%	0.053%
23	12.028	1547	1554	1560	rVB4	12124	20666	0.51%	0.042%
24	12.869	1690	1697	1700	rBV6	10322	20046	0.49%	0.041%
25	13.004	1716	1720	1727	rVB7	20637	29793	0.73%	0.061%
26	13.346	1768	1778	1783	rBV5	22410	45577	1.12%	0.093%
27	13.457	1791	1797	1801	rBV	617430	899420	22.04%	1.832%
28	13.716	1834	1841	1854	rBV	735995	1240927	30.40%	2.528%
29	13.887	1862	1870	1874	rBV8	17850	29560	0.72%	0.060%
30	14.028	1886	1894	1901	rBV	1837558	2761263	67.65%	5.626%
31	14.098	1901	1906	1913	rVV3	97802	177972	4.36%	0.363%
32	14.157	1913	1916	1923	rVB5	14203	24155	0.59%	0.049%
33	14.269	1929	1935	1937	rBV	91811	144700	3.55%	0.295%
34	14.434	1957	1963	1969	rBV3	31118	59632	1.46%	0.121%
35	14.516	1973	1977	1983	rVB3	36817	56225	1.38%	0.115%
36	14.657	1996	2001	2007	rBV6	11426	19888	0.49%	0.041%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

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	14.934	2042	2048	2053	rVB3	38845	62248	1.53%	0.127%
38	15.034	2059	2065	2070	rBV	1010694	1404582	34.41%	2.862%
39	15.087	2070	2074	2081	rVB2	51842	80358	1.97%	0.164%
40	15.169	2081	2088	2094	rBV	192815	288085	7.06%	0.587%
41	15.304	2108	2111	2114	rVB3	20280	22047	0.54%	0.045%
42	15.410	2121	2129	2137	rBV	188370	288121	7.06%	0.587%
43	15.534	2147	2150	2157	rVB	20599	41066	1.01%	0.084%
44	15.628	2160	2166	2173	rBV10	26029	49132	1.20%	0.100%
45	15.775	2186	2191	2193	rBV4	22190	38012	0.93%	0.077%
46	15.863	2202	2206	2210	rBV6	11725	17363	0.43%	0.035%
47	15.951	2217	2221	2225	rVB7	10432	17301	0.42%	0.035%
48	16.034	2230	2235	2238	rVV4	23313	37129	0.91%	0.076%
49	16.098	2241	2246	2251	rVV4	22753	52363	1.28%	0.107%
50	16.151	2251	2255	2261	rVB4	14458	24132	0.59%	0.049%
51	16.234	2266	2269	2276	rVB6	14839	31555	0.77%	0.064%
52	16.334	2279	2286	2289	rBV6	25357	50463	1.24%	0.103%
53	16.375	2289	2293	2296	rVB5	22484	31574	0.77%	0.064%
54	16.445	2301	2305	2314	rVB	52706	84891	2.08%	0.173%
55	16.539	2316	2321	2324	rBV3	28335	49689	1.22%	0.101%
56	16.587	2324	2329	2330	rVV3	37804	52711	1.29%	0.107%
57	16.604	2330	2332	2337	rVB	37083	50353	1.23%	0.103%
58	16.681	2342	2345	2348	rBV4	14527	20616	0.51%	0.042%
59	16.728	2348	2353	2357	rVV4	47838	72382	1.77%	0.147%
60	16.787	2357	2363	2367	rVV	2202974	3203375	78.48%	6.526%
61	16.828	2367	2370	2375	rVV	899371	1214739	29.76%	2.475%
62	16.887	2375	2380	2384	rVV	1078954	1503164	36.83%	3.062%
63	16.922	2384	2386	2391	rVV	170408	189540	4.64%	0.386%
64	16.986	2393	2397	2404	rVB5	36489	65850	1.61%	0.134%
65	17.198	2424	2433	2438	rBV2	96610	181919	4.46%	0.371%
66	17.322	2450	2454	2458	rVV3	39279	51603	1.26%	0.105%
67	17.369	2459	2462	2472	rVB6	38939	86156	2.11%	0.176%
68	17.663	2507	2512	2516	rBV	160059	223548	5.48%	0.455%
69	17.722	2516	2522	2530	rVV2	686670	1104762	27.07%	2.251%
70	17.786	2530	2533	2539	rVV2	93684	158717	3.89%	0.323%
71	17.857	2540	2545	2549	rVV2	240251	412966	10.12%	0.841%
72	17.892	2549	2551	2556	rVB	100894	129491	3.17%	0.264%
73	17.981	2562	2566	2569	rBV4	37693	63920	1.57%	0.130%
74	18.022	2569	2573	2578	rVV	69724	99261	2.43%	0.202%
75	18.175	2596	2599	2602	rBV	104124	131527	3.22%	0.268%
76	18.210	2602	2605	2612	rVB	177495	253660	6.21%	0.517%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

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	18.404	2634	2638	2640	rBV3	80629	118811	2.91%	0.242%
78	18.475	2648	2650	2654	rVB	43942	46228	1.13%	0.094%
79	18.516	2654	2657	2661	rBV2	47884	54308	1.33%	0.111%
80	18.604	2667	2672	2676	rBV	120475	189721	4.65%	0.387%
81	18.663	2679	2682	2685	rVV2	92174	116334	2.85%	0.237%
82	18.733	2691	2694	2703	rBV	119046	230363	5.64%	0.469%
83	18.863	2711	2716	2723	rVB	2359723	3051679	74.77%	6.217%
84	19.022	2739	2743	2747	rBV3	243623	346109	8.48%	0.705%
85	19.198	2768	2773	2775	rBV	1155421	1542921	37.80%	3.143%
86	19.228	2775	2778	2787	rVB	1446834	1860871	45.59%	3.791%
87	19.416	2807	2810	2815	rVB	104440	131926	3.23%	0.269%
88	19.733	2861	2864	2868	rVB	241061	289910	7.10%	0.591%
89	19.798	2872	2875	2878	rVB	176107	184192	4.51%	0.375%
90	19.833	2878	2881	2886	rBV	156689	187900	4.60%	0.383%
91	19.892	2888	2891	2895	rVB2	182279	238671	5.85%	0.486%
92	20.763	3035	3039	3050	rVB5	884916	1520831	37.26%	3.098%
93	20.969	3071	3074	3077	rBV	677685	788942	19.33%	1.607%
94	21.022	3077	3083	3087	rVV2	2121528	4081519	100.00%	8.316%
95	21.063	3087	3090	3099	rVB	1004619	1488968	36.48%	3.034%
96	21.780	3206	3212	3224	rVB4	577124	1480672	36.28%	3.017%
97	22.886	3395	3400	3407	rBV	841238	2154325	52.78%	4.389%
98	23.016	3417	3422	3426	rBV	476332	873424	21.40%	1.779%
99	23.069	3427	3431	3442	rVB2	445316	1073753	26.31%	2.188%
100	23.733	3538	3544	3552	rBV	1138263	2447368	59.96%	4.986%

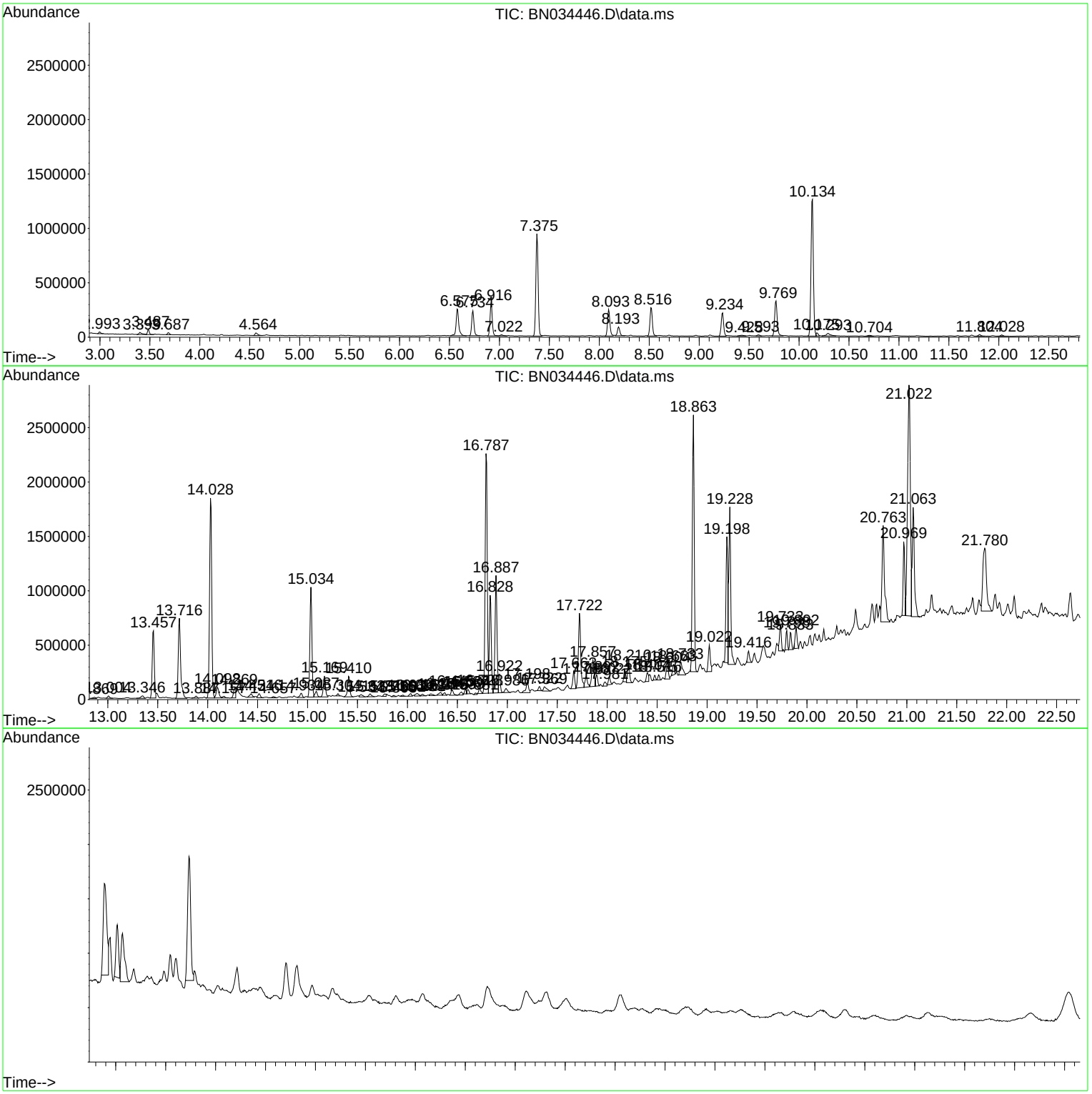
Sum of corrected areas: 49083136

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

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 : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

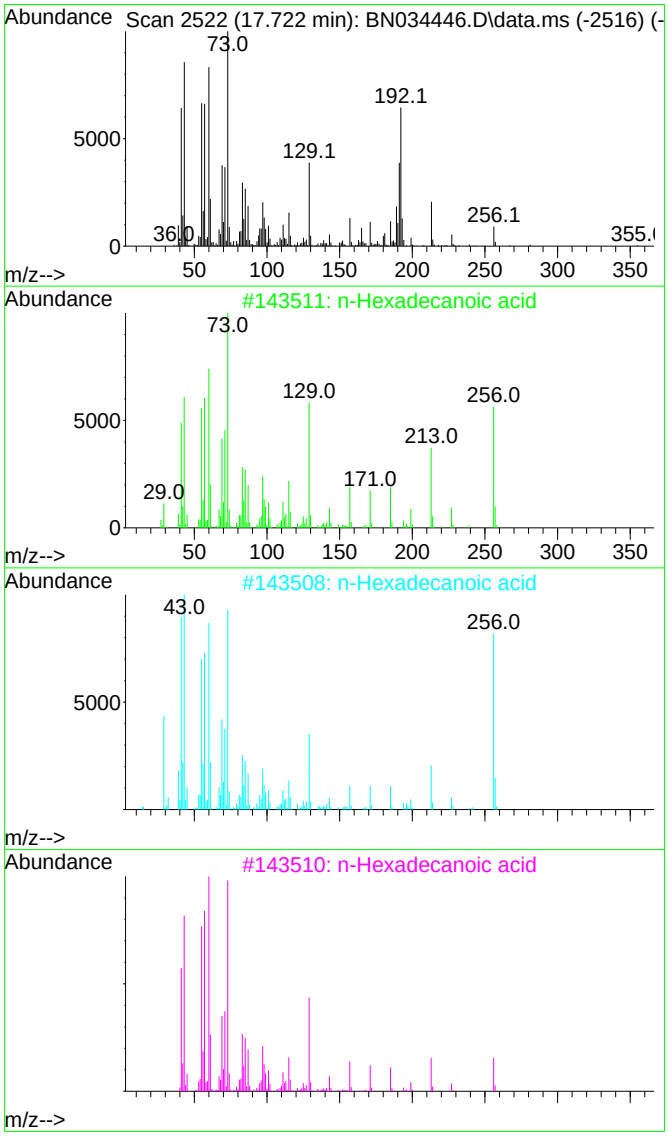
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

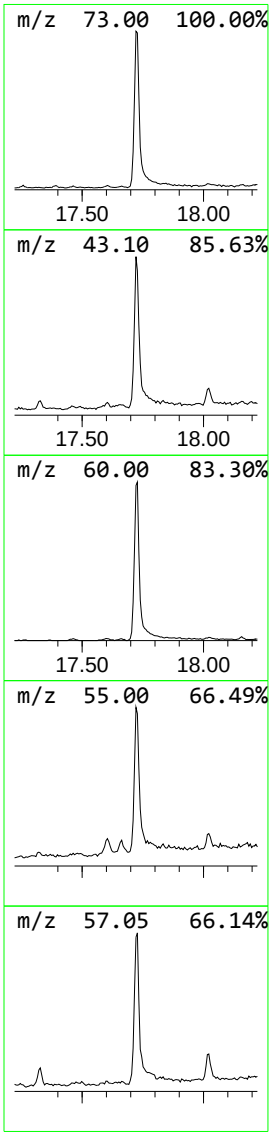
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.722	6.90 ng/ul	1104760	Phenanthrene-d10	16.787

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

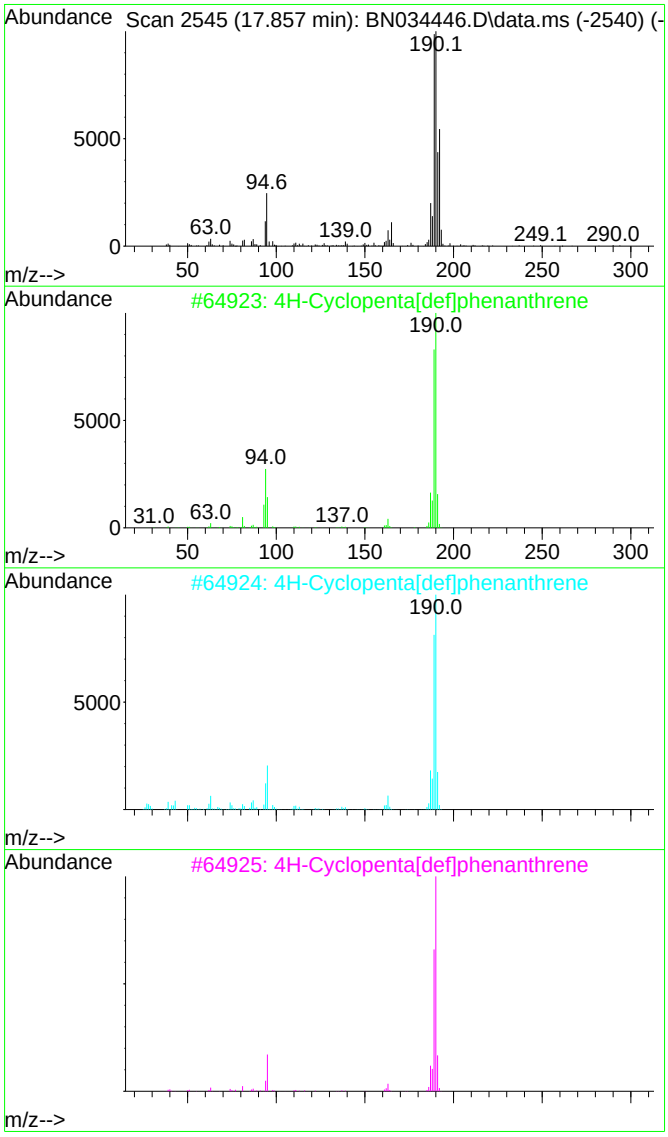
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

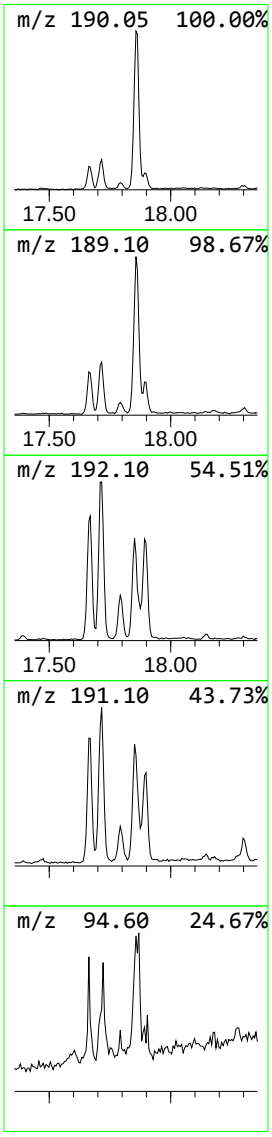
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	2.58 ng/ul	412966	Phenanthrene-d10	16.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

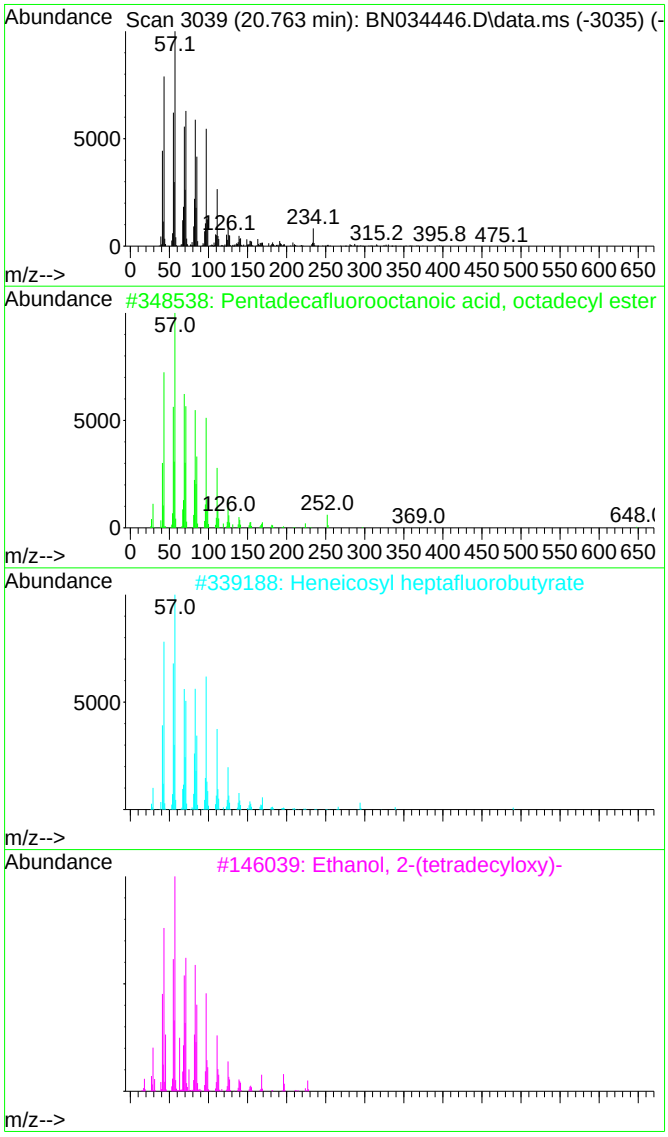
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

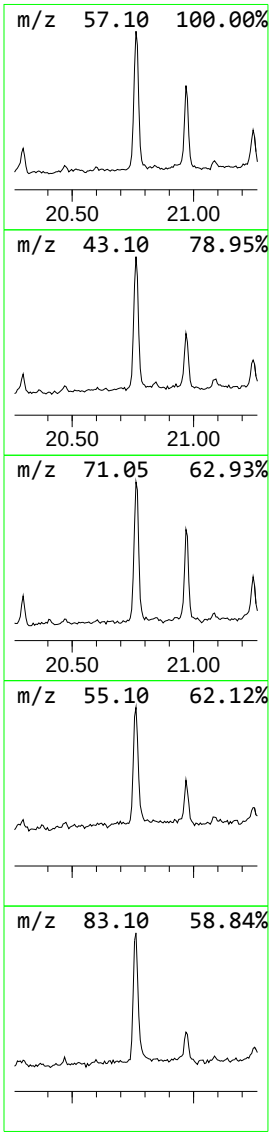
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.763	7.45 ng/ul	1520830	Chrysene-d12	21.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	81
5	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

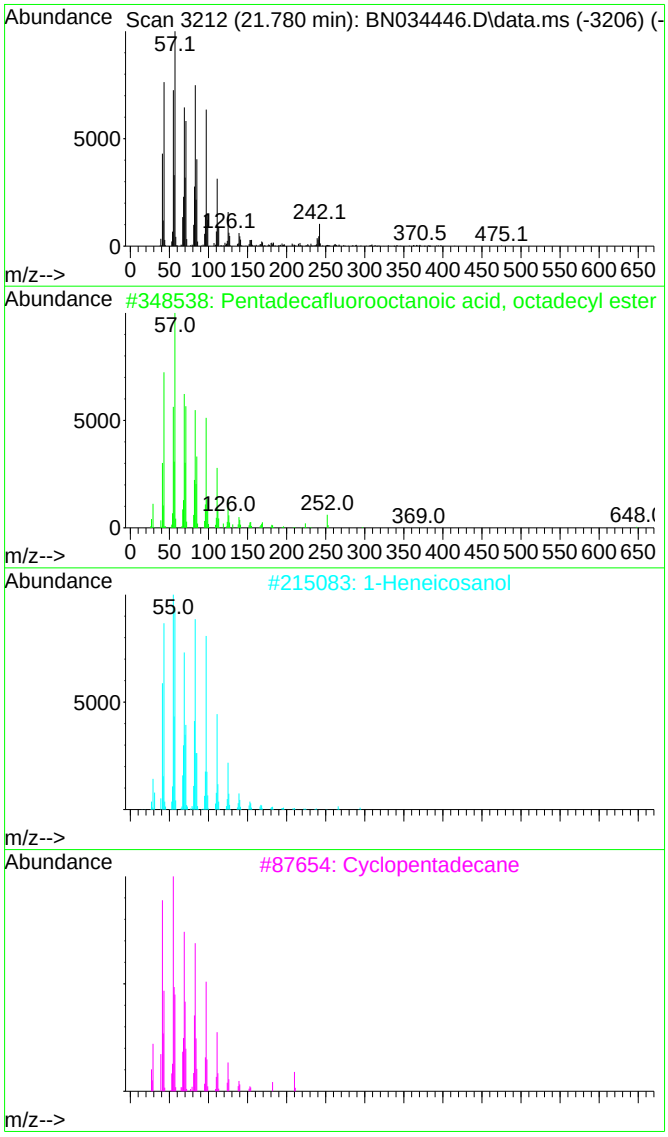
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

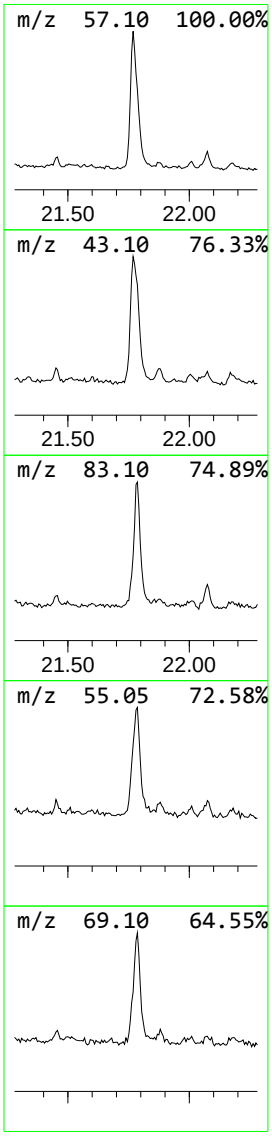
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.780	7.26 ng/ul	1480670	Chrysene-d12	21.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cyclopentadecane	210	C15H30	000295-48-7	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

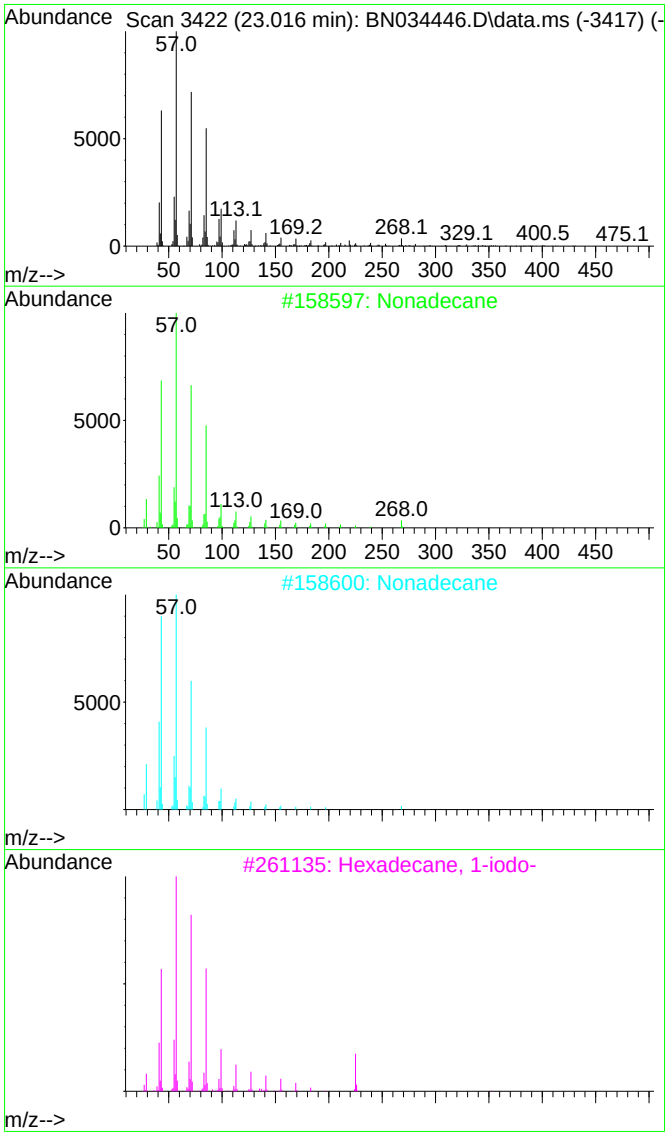
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

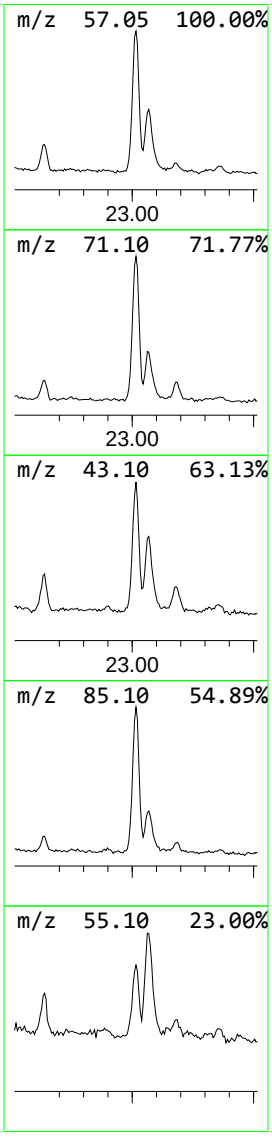
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.016	7.14 ng/ul	873424	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
5	Tetracosane	338	C24H50	000646-31-1	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

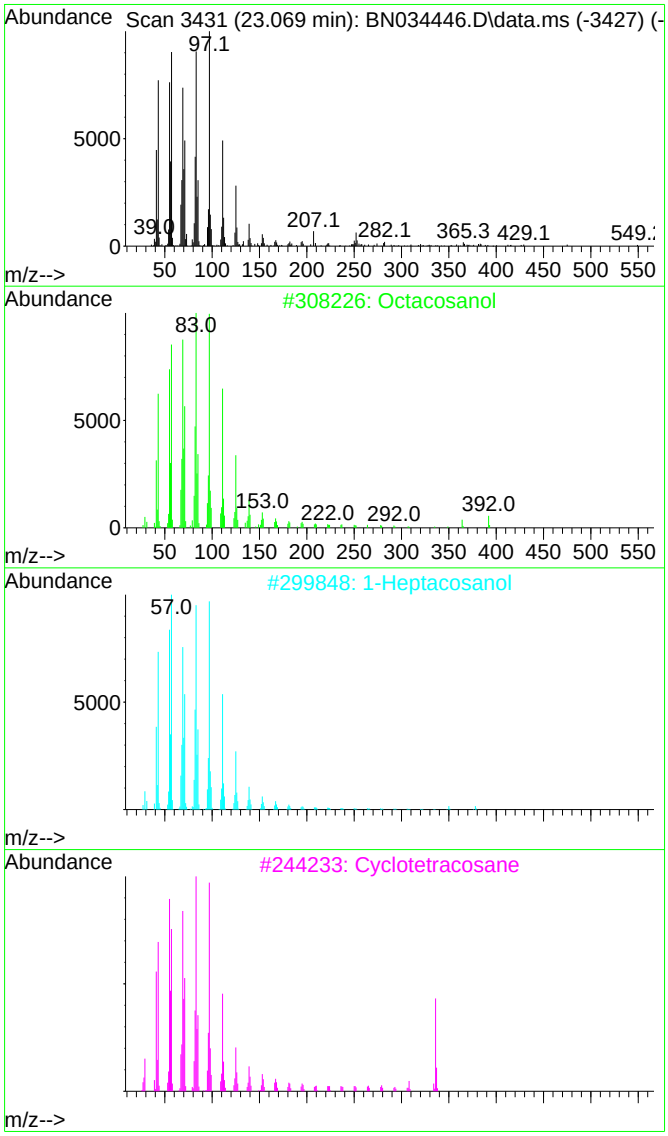
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

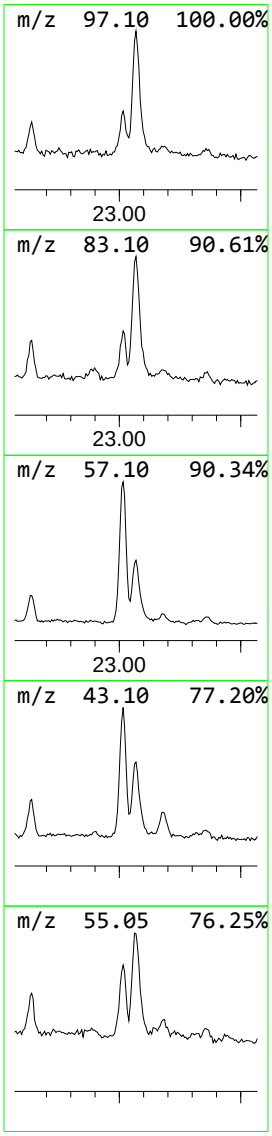
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.069	8.77 ng/ul	1073750	Perylene-d12	23.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034446.D
Acq On : 07 Oct 2024 20:13
Operator : RC/JU
Sample : P4109-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EX1

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
n-Hexadecanoic ...	17.722	6.9	ng/ul	1104760	4	16.787	3203380	20.0
4H-Cyclopenta[d...	17.857	2.6	ng/ul	412966	4	16.787	3203380	20.0
Pentadecafluoro...	20.763	7.5	ng/ul	1520830	5	21.028	4081520	20.0
1-Heneicosanol	21.780	7.3	ng/ul	1480670	5	21.028	4081520	20.0
(DEL) Alkane: S...	23.016	7.1	ng/ul	873424	6	23.733	2447370	20.0
Octacosanol	23.069	8.8	ng/ul	1073750	6	23.733	2447370	20.0