LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020142.D
Acq On : 02 May 2024 10:45
Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD3

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020142.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	19	23	28	rBV	18364	24380	0.91%	0.086%
2	3.499	67	70	74	rBV	13101	18735	0.70%	0.066%
3	3.628	88	92	114	rBV	123273	247281	9.20%	0.876%
4	3.916	138	141	148	rVB2	4762	8394	0.31%	0.030%
5	6.816	627	634	656	rBV	297196	603873	22.46%	2.138%
6	6.987	656	663	675	rBV	247067	437526	16.27%	1.549%
7	7.169	687	694	709	rBV	312719	576944	21.46%	2.043%
8	7.628	765	772	790	rBV	310457	542257	20.17%	1.920%
9	8.340	885	893	919	rBV	380084	767131	28.53%	2.716%
10	8.787	962	969	981	rBV	320720	629877	23.43%	2.230%
11	8.946	993	996	997	rBV3	2886	2755	0.10%	0.010%
12	9.140	1020	1029	1038	rVB2	6512	13884	0.52%	0.049%
13	9.387	1062	1071	1077	rBV6	7869	19602	0.73%	0.069%
14	9.504	1082	1091	1110	rVV	288502	560579	20.85%	1.985%
15	9.940	1159	1165	1170	rBV5	2699	5814	0.22%	0.021%
16	10.040	1173	1182	1205	rBV	313015	787455	29.29%	2.788%
17	10.251	1213	1218	1219	rBV3	11635	15161	0.56%	0.054%
18	10.398	1235	1243	1256	rVB	410859	788435	29.32%	2.792%
19	10.569	1260	1272	1299	rBV	143875	397373	14.78%	1.407%
20	11.210	1374	1381	1392	rBV2	11069	35482	1.32%	0.126%
21	11.975	1503	1511	1513	rBV7	1241	2740	0.10%	0.010%
22	12.028	1515	1520	1528	rVB5	5718	12086	0.45%	0.043%
23	13.104	1697	1703	1708	rVB3	4982	6194	0.23%	0.022%
24	13.181	1711	1716	1723	rVB	10097	16767	0.62%	0.059%
25	13.722	1800	1808	1821	rBV	867890	1397680	51.98%	4.949%
26	13.986	1845	1853	1867	rBV	909070	1505110	55.98%	5.330%
27	14.210	1884	1891	1896	rVB9	3084	5914	0.22%	0.021%
28	14.298	1898	1906	1919	rBV	723764	1163794	43.28%	4.121%
29	14.557	1944	1950	1979	rVB2	182962	601301	22.36%	2.129%
30	15.181	2052	2056	2062	rVB8	3992	7737	0.29%	0.027%
31	15.328	2072	2081	2095	rBV	1116702	1939212	72.12%	6.867%
32	15.475	2100	2106	2119	rBV	430383	697627	25.95%	2.470%
33	16.080	2205	2209	2213	rBV7	3625	6628	0.25%	0.023%
34	16.133	2213	2218	2224	rVV8	4559	8145	0.30%	0.029%
35	16.245	2234	2237	2243	rBV8	2885	4839	0.18%	0.017%
36	16.551	2284	2289	2297	rBV4	15123	26264	0.98%	0.093%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD3

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	16.739	2319	2321	2325	rVB5	2127	2819	0.10%	0.010%
38	16.804	2328	2332	2336	rVV7	1831	2897	0.11%	0.010%
39	16.916	2345	2351	2357	rBV7	6725	14424	0.54%	0.051%
40	17.075	2371	2378	2382	rBV10	4873	9156	0.34%	0.032%
41	17.139	2382	2389	2398	rVV	1013719	1509101	56.13%	5.344%
42	17.239	2399	2406	2420	rVV	1253039	2158998	80.30%	7.645%
43	17.345	2420	2424	2427	rVV4	16007	22568	0.84%	0.080%
44	17.386	2429	2431	2438	rVB7	7743	9911	0.37%	0.035%
45	17.586	2459	2465	2472	rVV9	11379	25415	0.95%	0.090%
46	17.680	2476	2481	2482	rBV5	3181	4277	0.16%	0.015%
47	17.827	2503	2506	2507	rBV3	2752	2985	0.11%	0.011%
48	17.869	2511	2513	2516	rVB4	4622	4683	0.17%	0.017%
49	17.969	2526	2530	2536	rBV4	21704	32412	1.21%	0.115%
50	18.092	2545	2551	2561	rBV	386295	584304	21.73%	2.069%
51	18.545	2624	2628	2632	rVB4	22026	32842	1.22%	0.116%
52	18.804	2669	2672	2675	rVB4	6878	7276	0.27%	0.026%
53	19.016	2703	2708	2713	rBV8	7788	15033	0.56%	0.053%
54	19.192	2733	2738	2743	rBV3	21890	34603	1.29%	0.123%
55	19.263	2746	2750	2756	rVV	16931	38391	1.43%	0.136%
56	19.316	2756	2759	2764	rVB6	18476	30564	1.14%	0.108%
57	19.445	2777	2781	2793	rBV	105071	184183	6.85%	0.652%
58	19.639	2808	2814	2827	rBV	1898648	2688758	100.00%	9.521%
59	20.657	2985	2987	2992	rVB3	31213	33138	1.23%	0.117%
60	20.774	3004	3007	3011	rBV2	25739	30758	1.14%	0.109%
61	21.321	3095	3100	3109	rBV	309823	544968	20.27%	1.930%
62	21.639	3147	3154	3164	rBV2	988205	1783543	66.33%	6.316%
63	23.486	3462	3468	3477	rVB	127309	261807	9.74%	0.927%
64	24.762	3675	3685	3697	rVB2	898241	2543029	94.58%	9.005%
65	25.004	3715	3726	3738	rVB2	544074	1741983	64.79%	6.169%

Sum of corrected areas: 28239802

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Data File : BP020142.D
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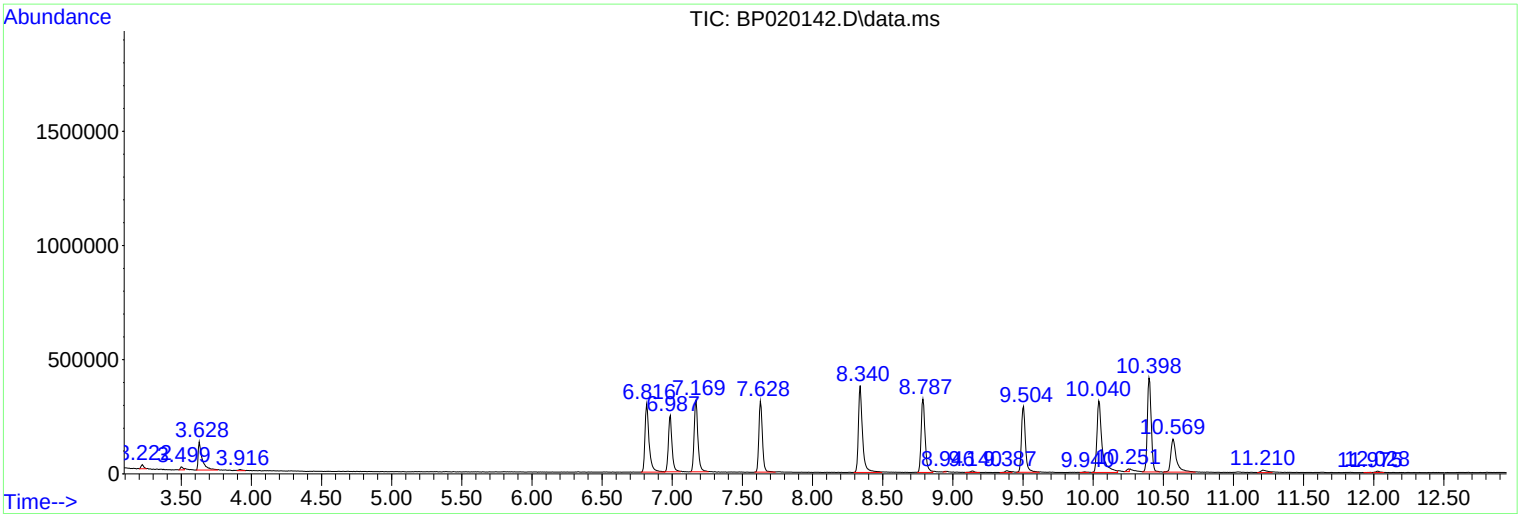
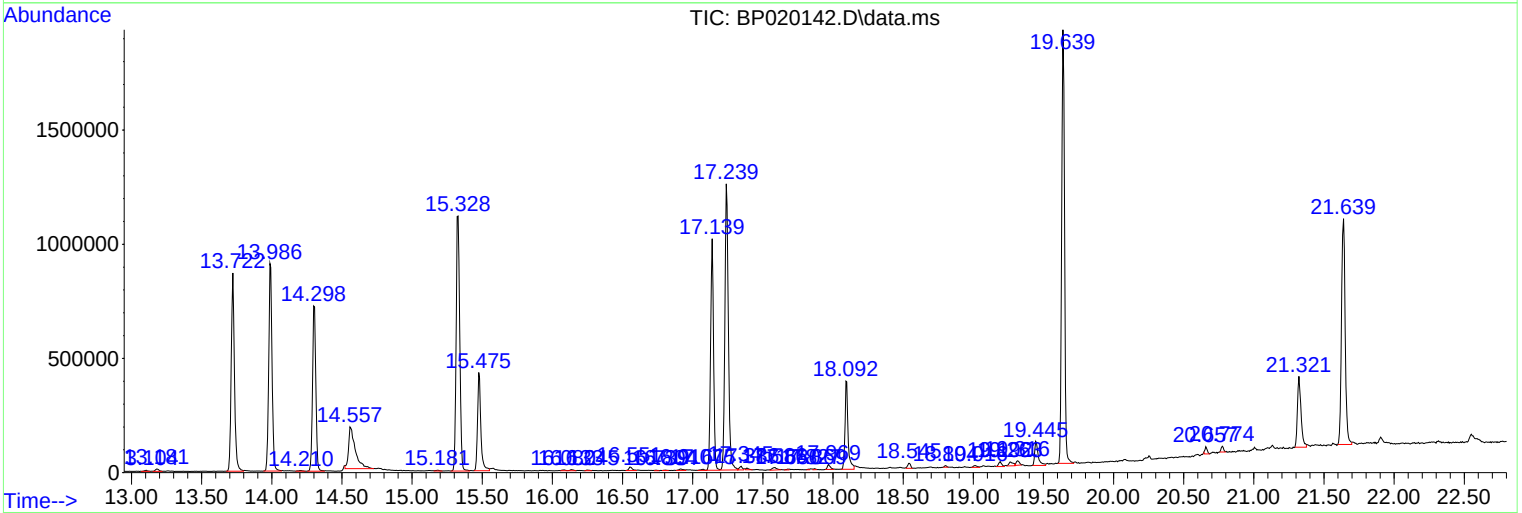
Misc :
ALS Vial : 4 Sample Multiplier: 1

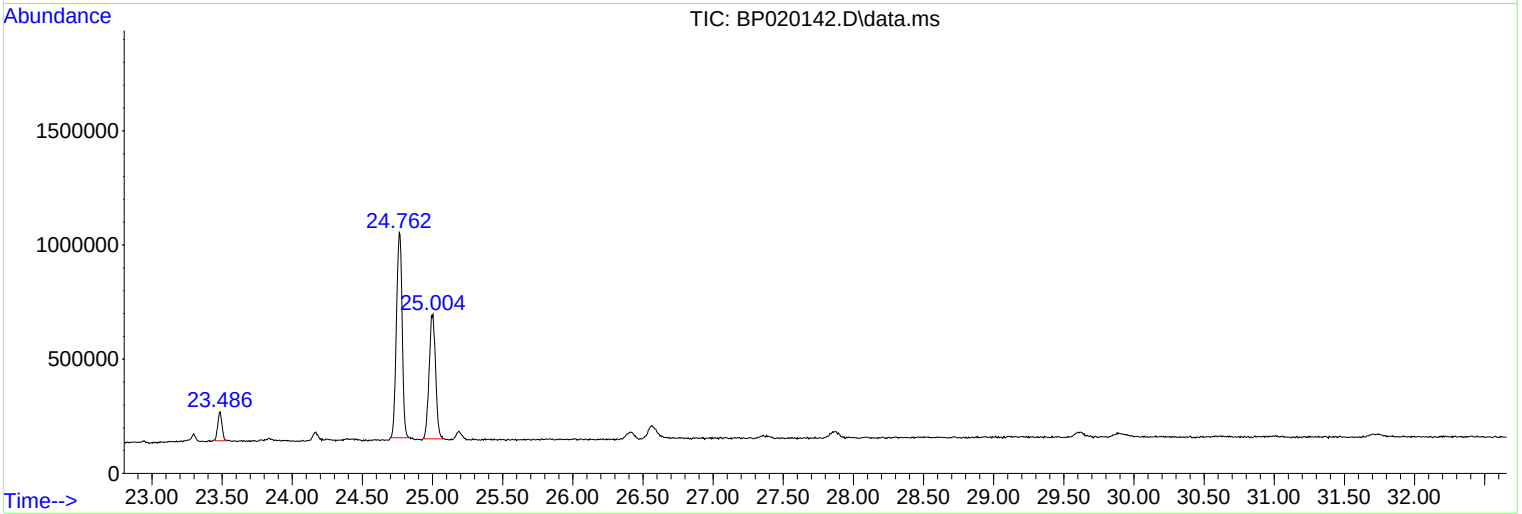
Instrument :
BNA_P
ClientSampleId :
C0AD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020142.D
Acq On : 02 May 2024 10:45
Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

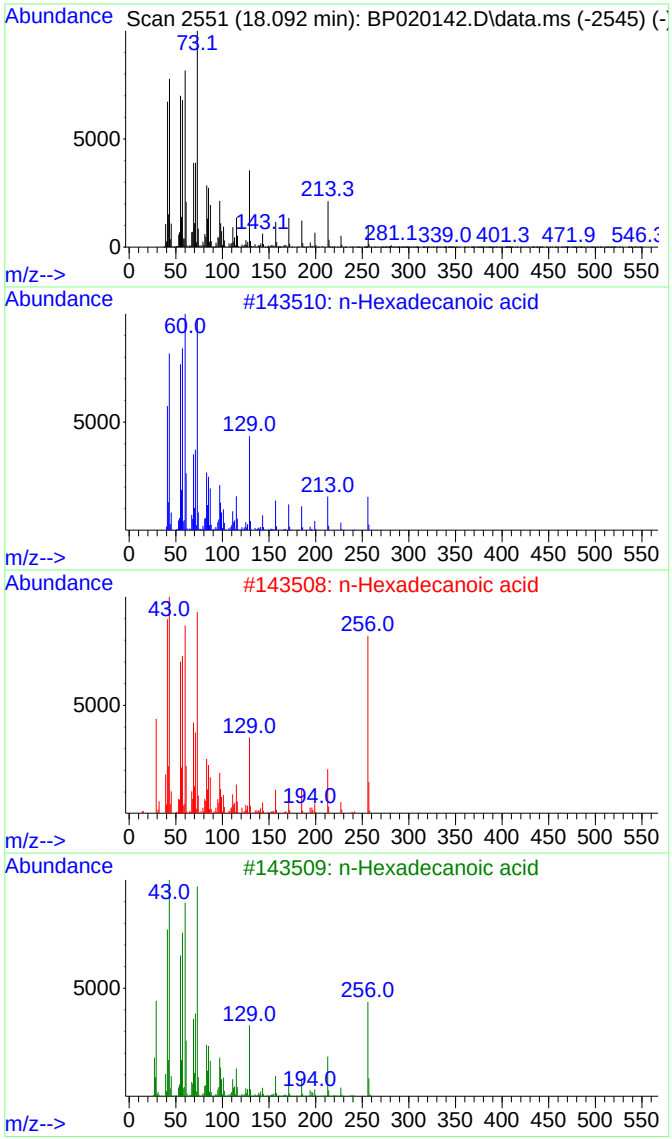
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

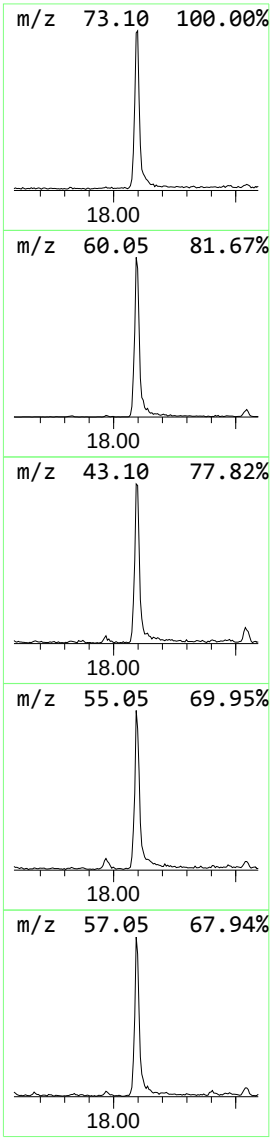
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	7.74 ng/ul	584304	Phenanthrene-d10	17.139

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	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020142.D
Acq On : 02 May 2024 10:45
Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD3

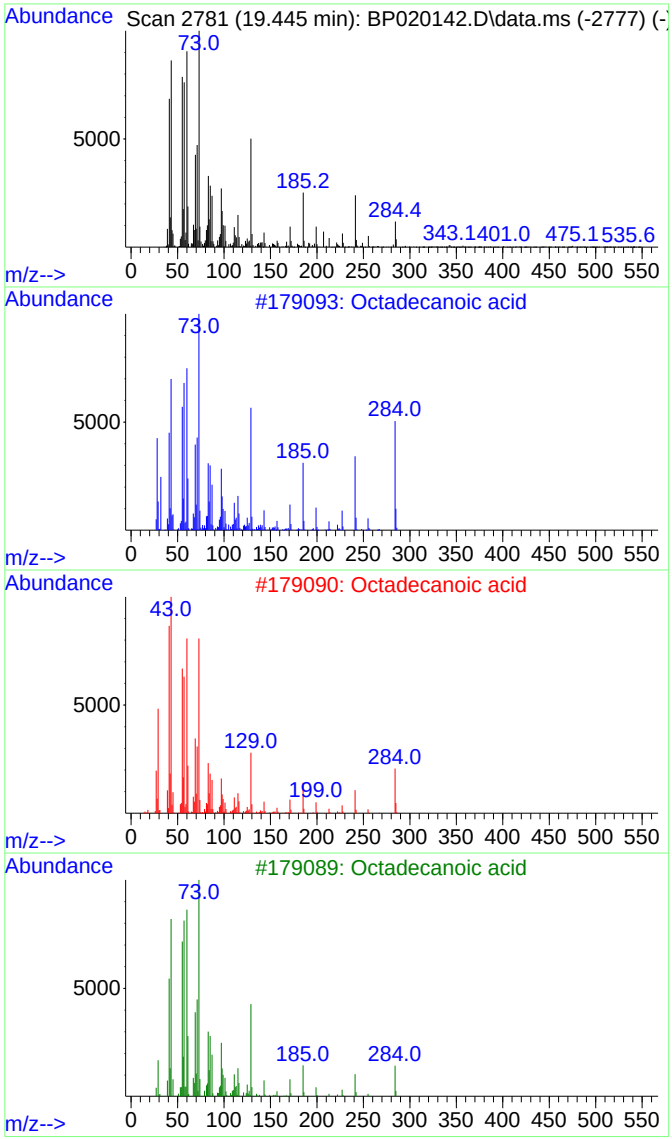
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

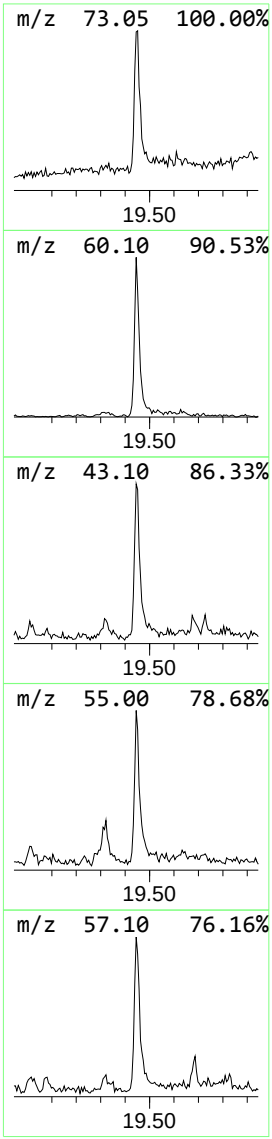
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.07 ng/ul	184183	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020142.D
Acq On : 02 May 2024 10:45
Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD3

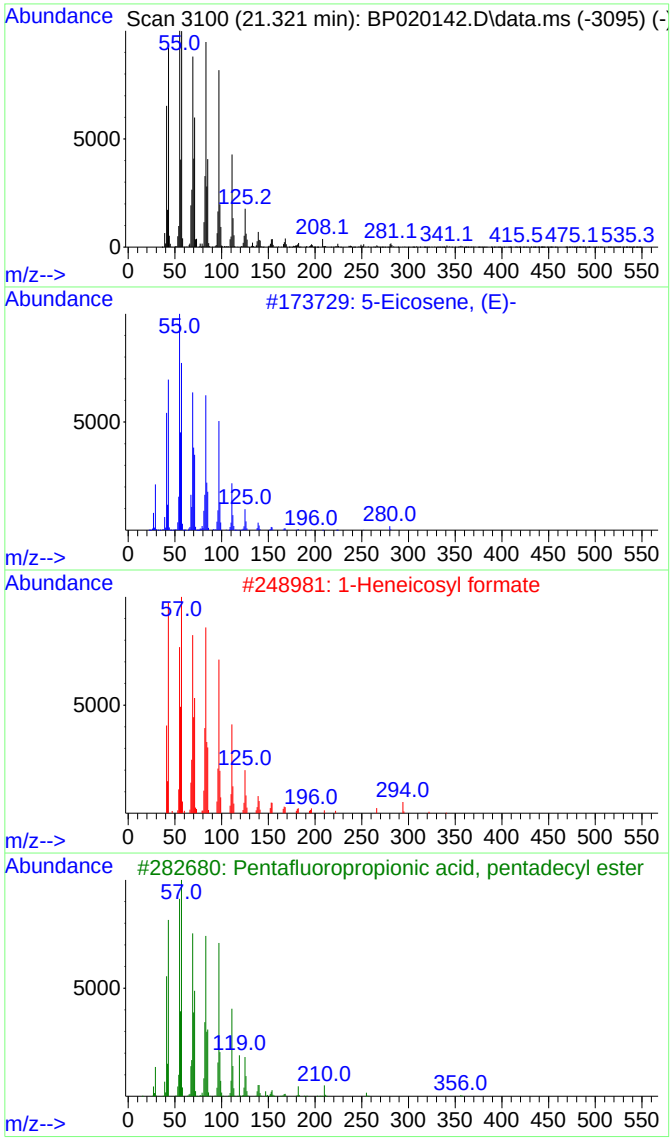
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

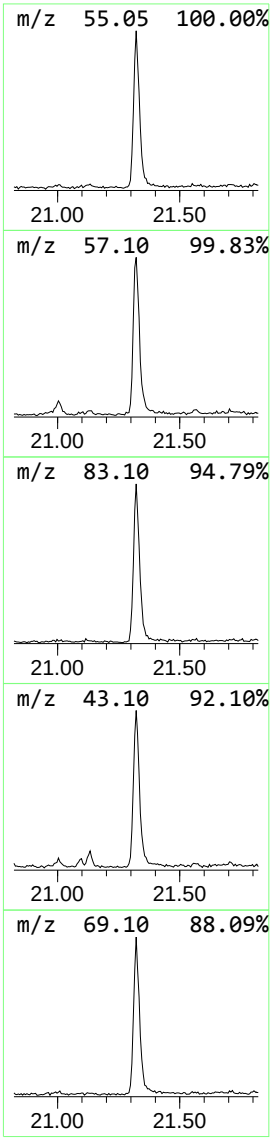
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	6.11 ng/ul	544968	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
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Acq On : 02 May 2024 10:45
Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

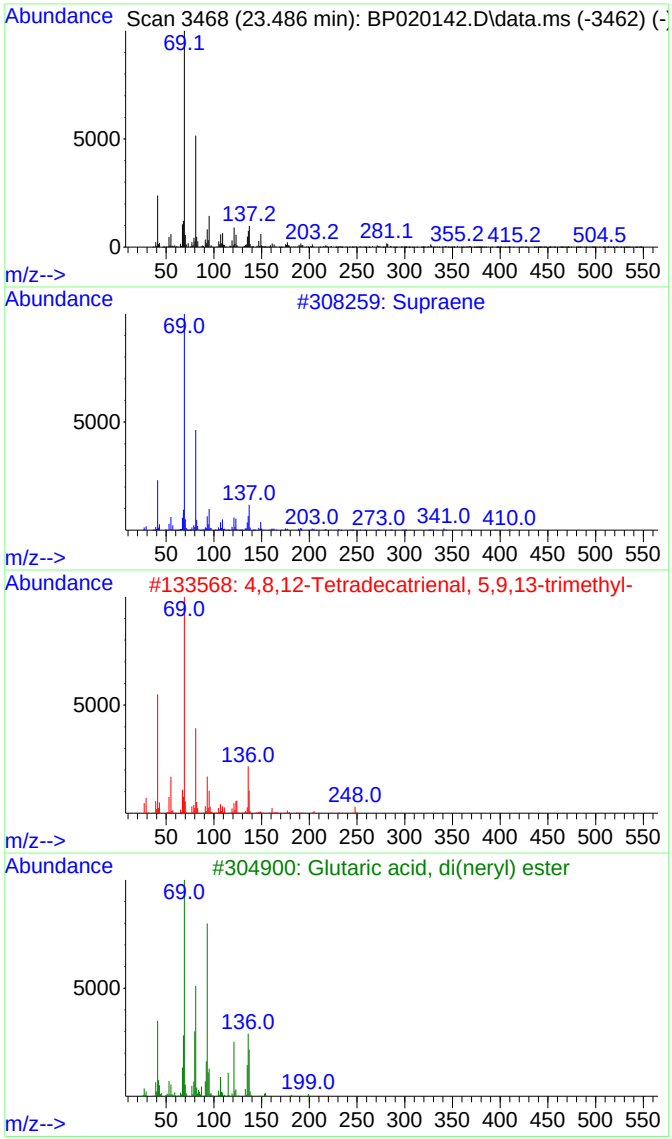
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

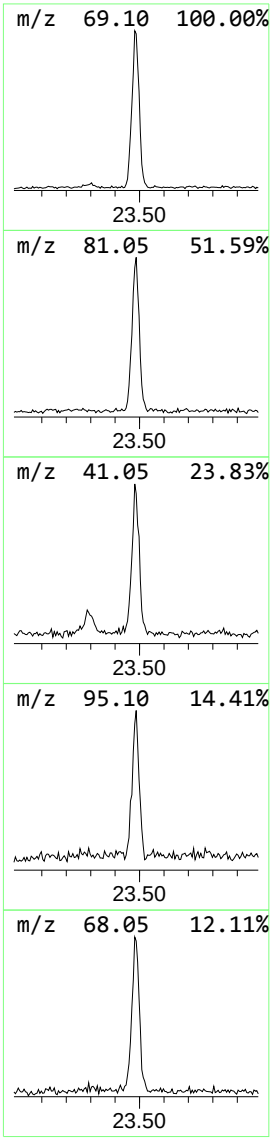
****

Peak Number 4 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.486	3.01 ng/ul	261807	Perylene-d12	25.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
3	Glutaric acid, di(neryl) ester	404	C25H40O4	1000405-08-3	64
4	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	50
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020142.D
Acq On : 02 May 2024 10:45
Operator : MA/JU
Sample : P2105-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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 ...	18.092	7.7	ng/ul	584304	4	17.139	1509100	20.0
Octadecanoic acid	19.445	2.1	ng/ul	184183	5	21.639	1783540	20.0
(DEL) Alkane: S...	21.321	6.1	ng/ul	544968	5	21.639	1783540	20.0
Supraene	23.486	3.0	ng/ul	261807	6	25.004	1741980	20.0