LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015001.D
Acq On : 08 May 2023 19:34
Operator : CG/JU
Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JRED7

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-BP050323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.457	9	12	22	rVB	38309	56544	1.11%	0.105%
2	3.946	92	95	99	rBV2	7019	11685	0.23%	0.022%
3	4.010	103	106	113	rVB2	26502	40168	0.79%	0.075%
4	4.146	125	129	133	rVB	14330	24054	0.47%	0.045%
5	4.240	141	145	152	rVB	25254	40432	0.80%	0.075%
6	5.199	304	308	314	rVB	11517	17596	0.35%	0.033%
7	5.810	408	412	418	rVB5	4731	9483	0.19%	0.018%
8	7.304	657	666	681	rBV	550007	908992	17.91%	1.691%
9	7.481	689	696	707	rBV	504470	813078	16.02%	1.513%
10	7.687	723	731	742	rBV	597106	964648	19.01%	1.794%
11	7.769	742	745	748	rVB4	7263	10497	0.21%	0.020%
12	8.163	804	812	831	rVB	1225383	1963950	38.70%	3.653%
13	8.869	924	932	944	rBV	717819	1215406	23.95%	2.261%
14	8.998	948	954	961	rVB	34555	59036	1.16%	0.110%
15	9.340	1005	1012	1021	rBV	588154	958035	18.88%	1.782%
16	9.498	1035	1039	1043	rVB6	4675	7385	0.15%	0.014%
17	9.739	1073	1080	1084	rBV2	9817	15641	0.31%	0.029%
18	10.069	1126	1136	1144	rBV	464561	784852	15.46%	1.460%
19	10.610	1221	1228	1244	rBV	739775	1288202	25.38%	2.396%
20	10.998	1286	1294	1302	rBV	1921005	3138982	61.85%	5.839%
21	11.134	1309	1317	1331	rBV	510574	949737	18.71%	1.767%
22	11.528	1378	1384	1389	rBV8	7401	13914	0.27%	0.026%
23	12.392	1526	1531	1536	rBV4	6397	10513	0.21%	0.020%
24	12.575	1556	1562	1570	rVB3	12967	24548	0.48%	0.046%
25	13.616	1734	1739	1744	rVB4	12955	19741	0.39%	0.037%
26	13.692	1746	1752	1757	rBV	15169	25414	0.50%	0.047%
27	14.204	1833	1839	1854	rBV	1449372	2036696	40.13%	3.789%
28	14.327	1854	1860	1866	rVB	6973	14917	0.29%	0.028%
29	14.498	1883	1889	1905	rBV2	1650324	2554737	50.34%	4.752%
30	14.686	1917	1921	1925	rVB4	8710	11405	0.22%	0.021%
31	14.757	1929	1933	1935	rBV	3506	5273	0.10%	0.010%
32	14.810	1935	1942	1949	rBV	2905134	4366201	86.03%	8.122%
33	14.992	1966	1973	1989	rBV	315268	588324	11.59%	1.094%
34	15.216	2006	2011	2015	rVB8	11355	17904	0.35%	0.033%
35	15.304	2023	2026	2031	rVB7	3729	6133	0.12%	0.011%
36	15.798	2102	2110	2117	rBV	1976900	2832260	55.80%	5.269%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015001.D
Acq On : 08 May 2023 19:34
Operator : CG/JU
Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JRED7

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-BP050323.MA.M
Title : SVOA CALIBRATION

37	15.916	2123	2130	2139	rBV	524283	743263	14.64%	1.383%
38	16.039	2146	2151	2156	rVB4	10764	15630	0.31%	0.029%
39	16.163	2162	2172	2180	rBV	218072	317863	6.26%	0.591%
40	16.298	2191	2195	2199	rVB7	3967	6008	0.12%	0.011%
41	16.657	2251	2256	2258	rBV6	6493	11669	0.23%	0.022%
42	16.939	2300	2304	2308	rBV5	9228	14222	0.28%	0.026%
43	17.298	2361	2365	2368	rBV6	5759	9209	0.18%	0.017%
44	17.351	2369	2374	2380	rVB4	9562	18954	0.37%	0.035%
45	17.439	2385	2389	2396	rBV10	12616	24430	0.48%	0.045%
46	17.510	2397	2401	2404	rBV6	5970	10328	0.20%	0.019%
47	17.563	2404	2410	2420	rBV	3492201	5075334	100.00%	9.441%
48	17.663	2421	2427	2434	rBV	2383650	3319288	65.40%	6.175%
49	17.845	2455	2458	2464	rVB6	15725	24863	0.49%	0.046%
50	18.198	2515	2518	2522	rVB5	10058	16108	0.32%	0.030%
51	18.304	2532	2536	2541	rVB6	27131	42623	0.84%	0.079%
52	18.363	2542	2546	2550	rBV2	33333	47584	0.94%	0.089%
53	18.416	2551	2555	2565	rVV	496438	727266	14.33%	1.353%
54	18.492	2565	2568	2572	rVB	31976	44660	0.88%	0.083%
55	19.457	2729	2732	2737	rVB2	35297	47095	0.93%	0.088%
56	19.527	2737	2744	2747	rBV3	58496	123992	2.44%	0.231%
57	19.639	2759	2763	2771	rBV3	101070	163631	3.22%	0.304%
58	19.780	2785	2787	2791	rVB3	25346	27488	0.54%	0.051%
59	19.880	2798	2804	2811	rBV	2919568	3868973	76.23%	7.197%
60	20.374	2886	2888	2893	rVB3	51272	52659	1.04%	0.098%
61	20.857	2967	2970	2974	rBV2	82957	94699	1.87%	0.176%
62	21.315	3044	3048	3058	rBV	676428	939701	18.52%	1.748%
63	21.645	3099	3104	3113	rBV	3243519	4346768	85.64%	8.086%
64	22.962	3324	3328	3335	rVB	323358	493872	9.73%	0.919%
65	23.080	3344	3348	3356	rVB2	291561	455139	8.97%	0.847%
66	23.474	3411	3415	3427	rVB2	353046	761123	15.00%	1.416%
67	24.074	3511	3517	3530	rVB2	1150913	2617777	51.58%	4.870%
68	24.245	3539	3546	3559	rVB2	1589707	3487754	68.72%	6.488%

Sum of corrected areas: 53756356

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
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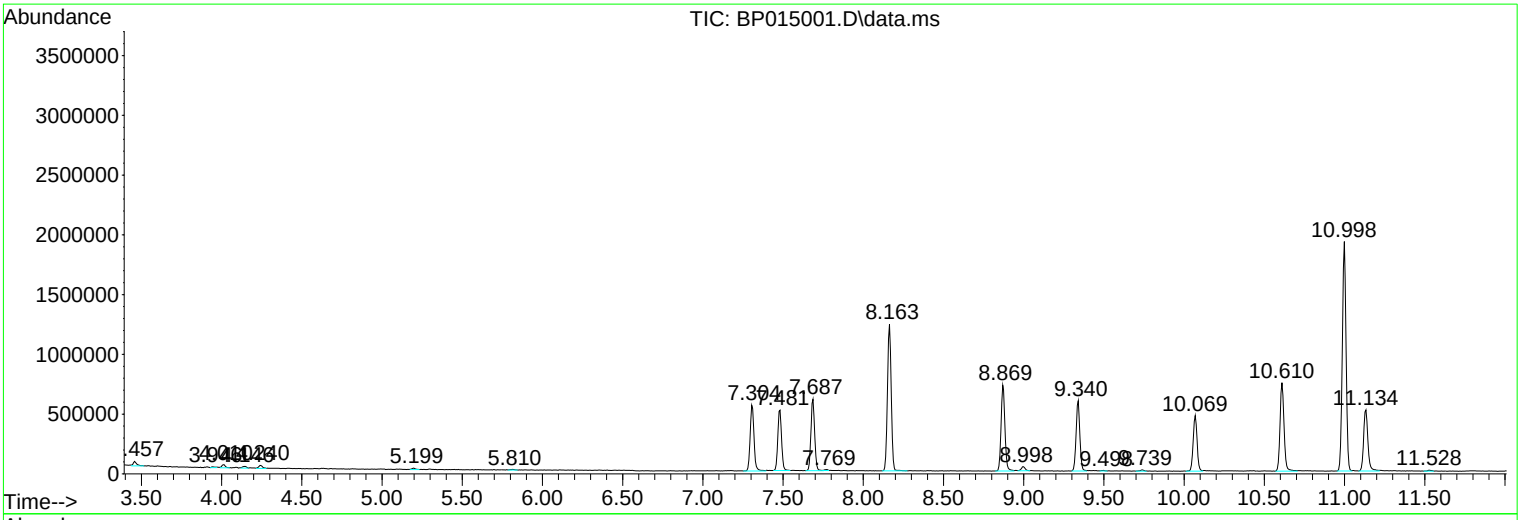
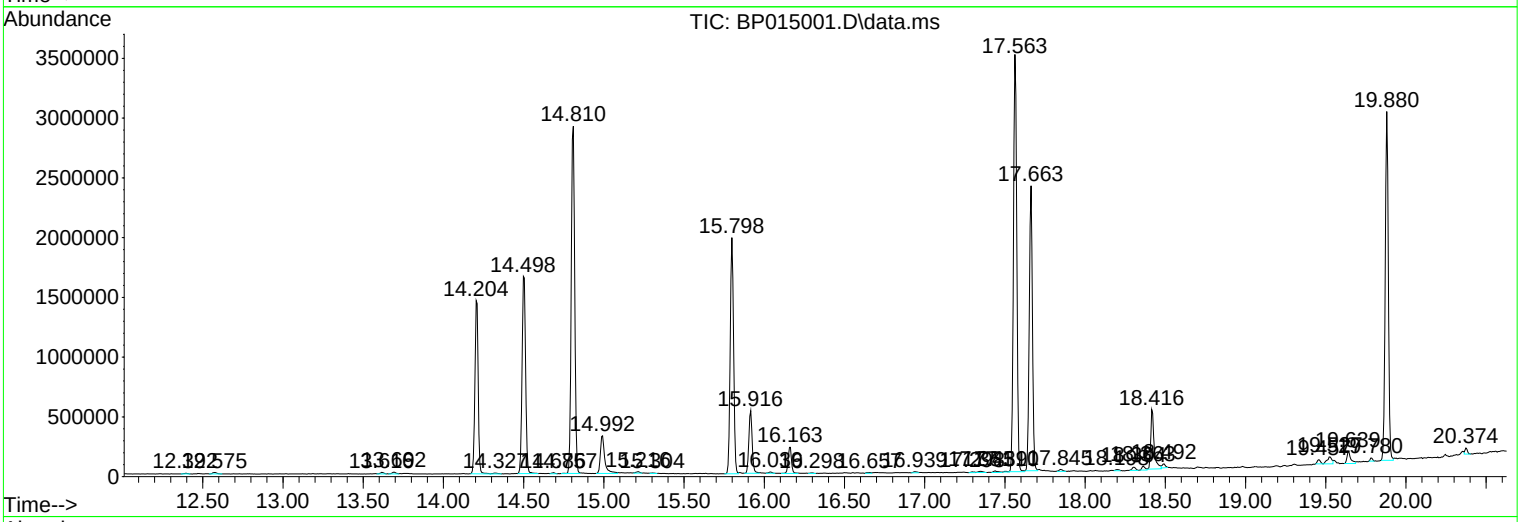
Acq On : 08 May 2023 19:34
Operator : CG/JU
Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

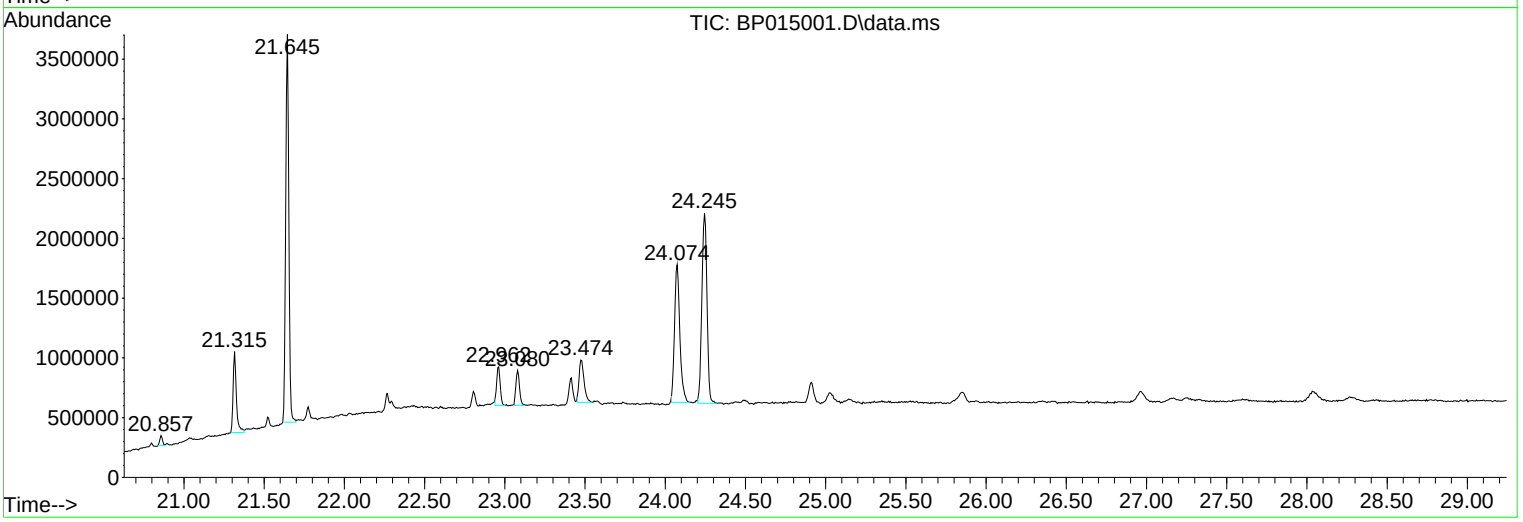
Instrument :
BNA_P
ClientSampleId :
JRED7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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\BP050823\
Data File : BP015001.D
Acq On : 08 May 2023 19:34
Operator : CG/JU
Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

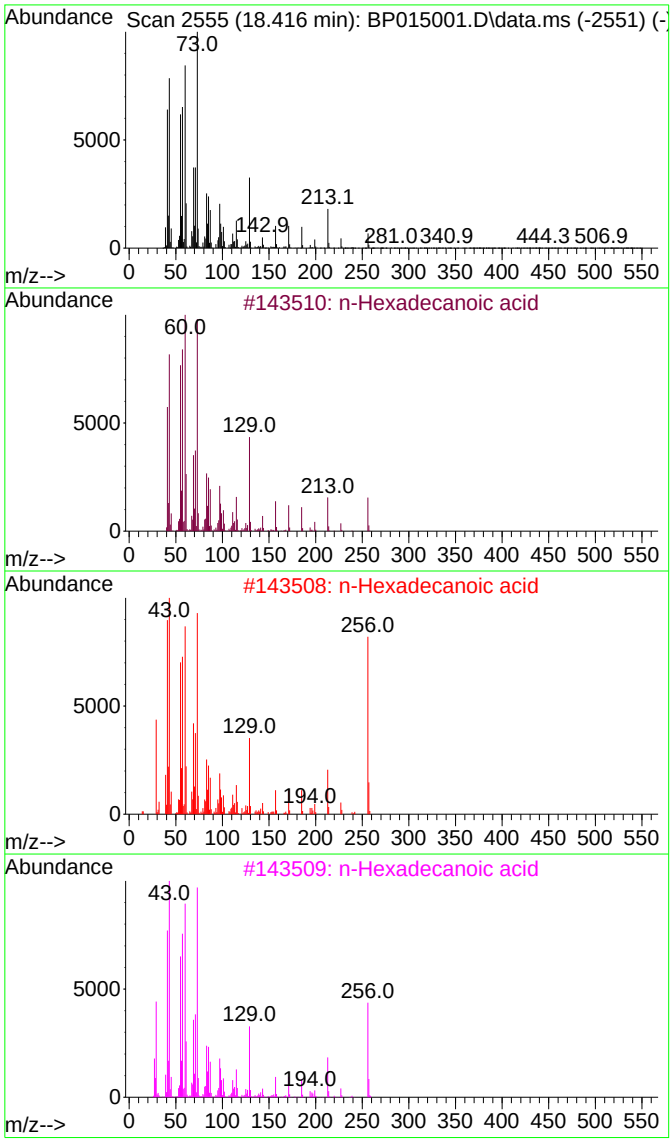
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

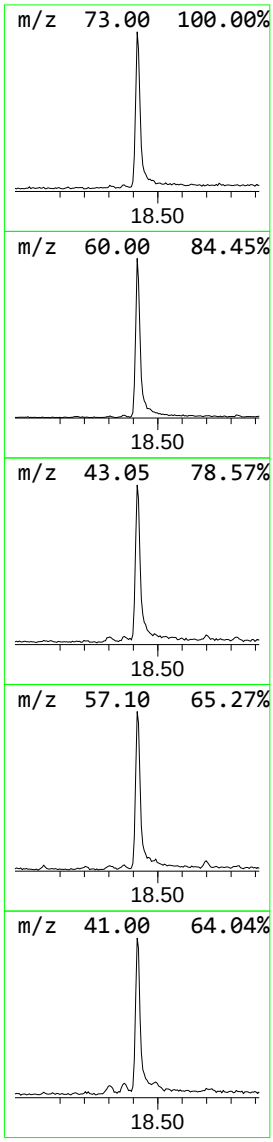
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	2.87 ng/ul	727266	Phenanthrene-d10	17.563

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015001.D
Acq On : 08 May 2023 19:34
Operator : CG/JU
Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JRED7

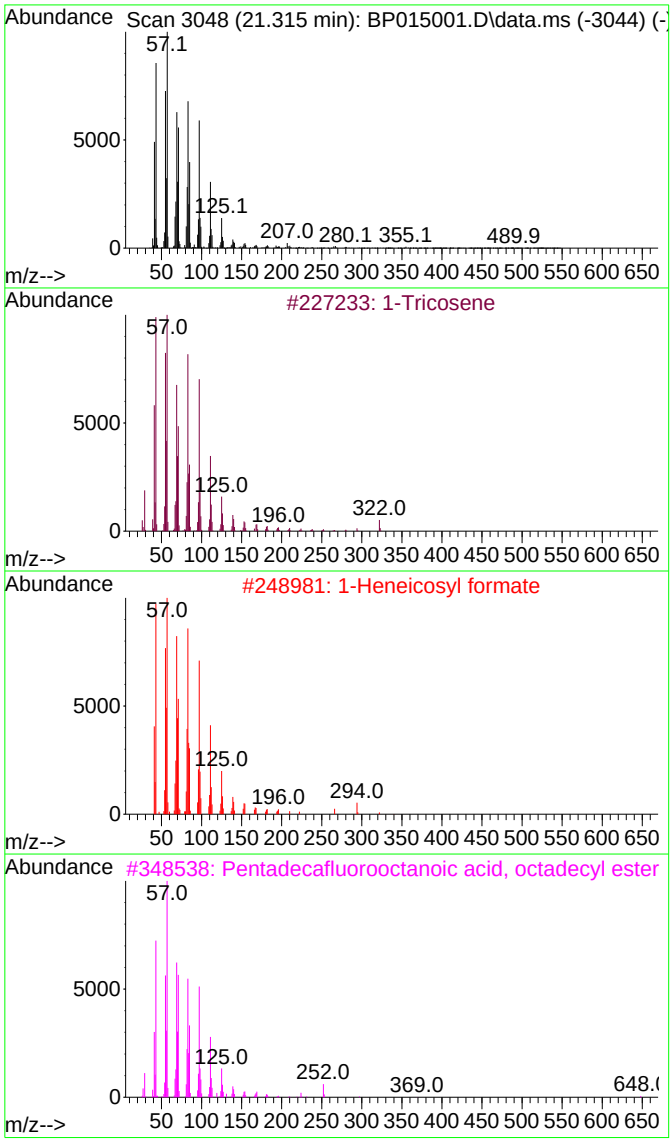
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

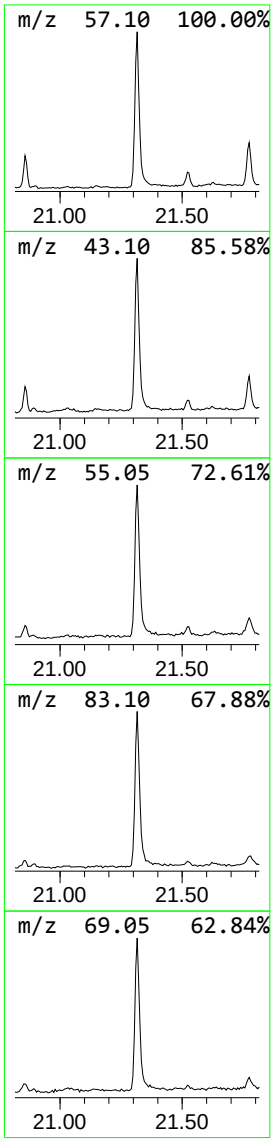
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.315	4.32 ng/ul	939701	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	Cyclopentadecane	210	C15H30	000295-48-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015001.D
Acq On : 08 May 2023 19:34
Operator : CG/JU
Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JRED7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

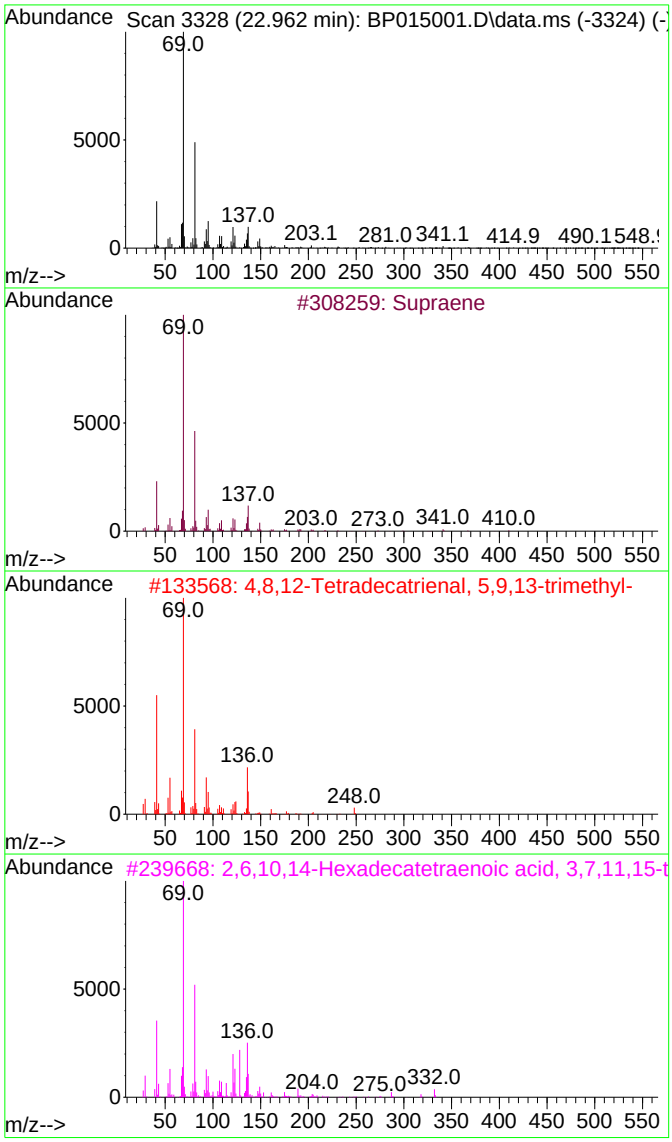
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

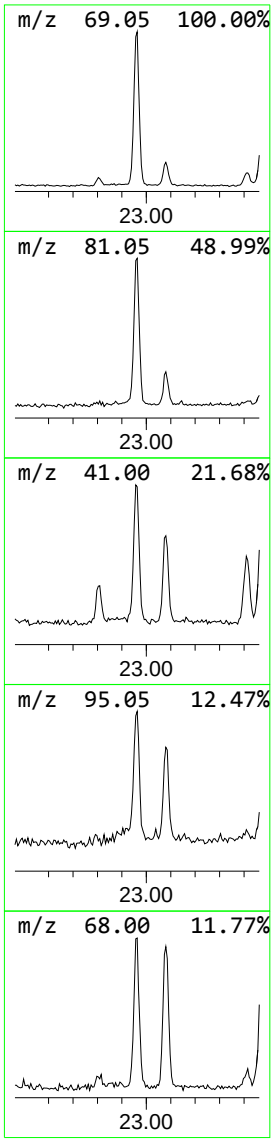
****

Peak Number 3 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.962	2.83 ng/ul	493872	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	95
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	Squalene	410	C30H50	000111-02-4	62





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Data File : BP015001.D
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Instrument :
BNA_P
ClientSampleId :
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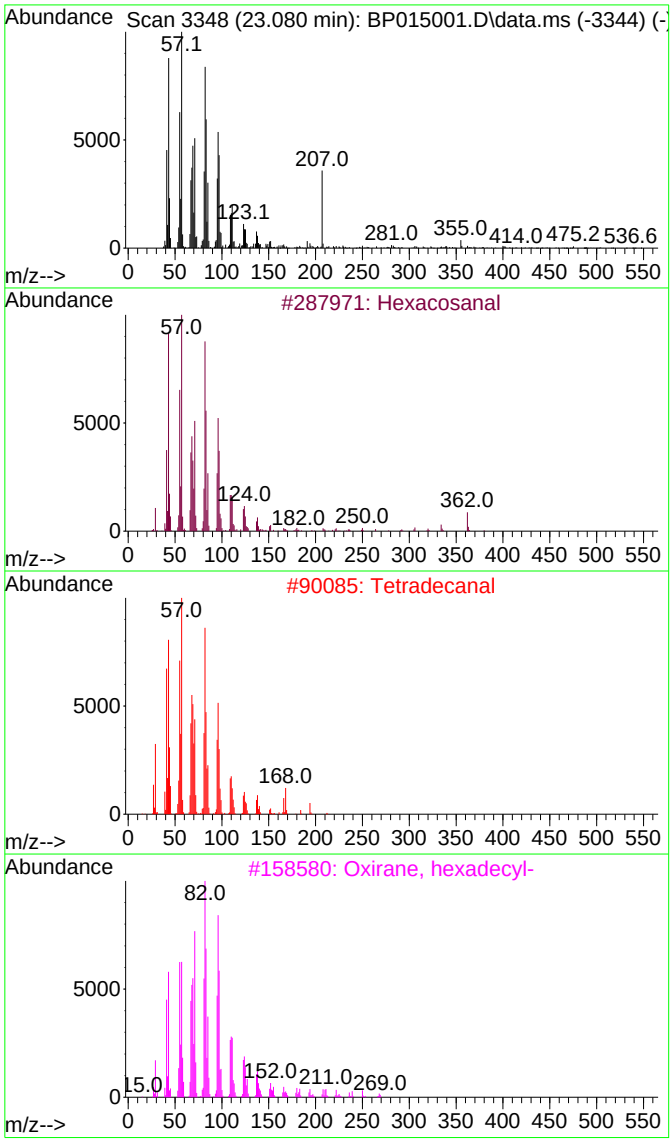
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

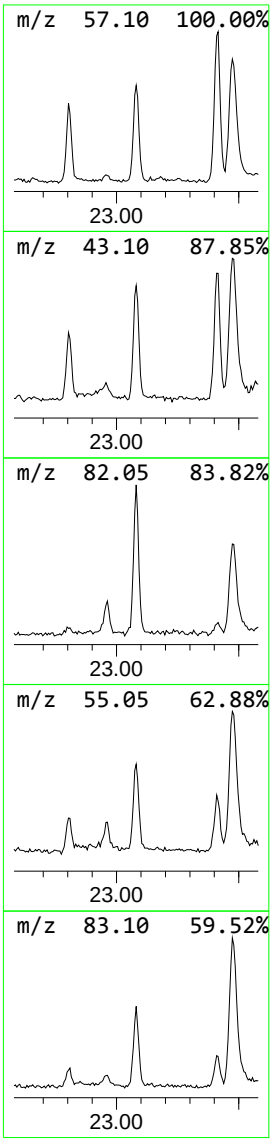
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexacosanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.080	2.61 ng/ul	455139	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	90
2	Tetradecanal	212	C14H28O	000124-25-4	90
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
4	Dotriacontanal	464	C32H64O	057878-00-9	86
5	Tetradecanal	212	C14H28O	000124-25-4	81





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Sample : 02589-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JRED7

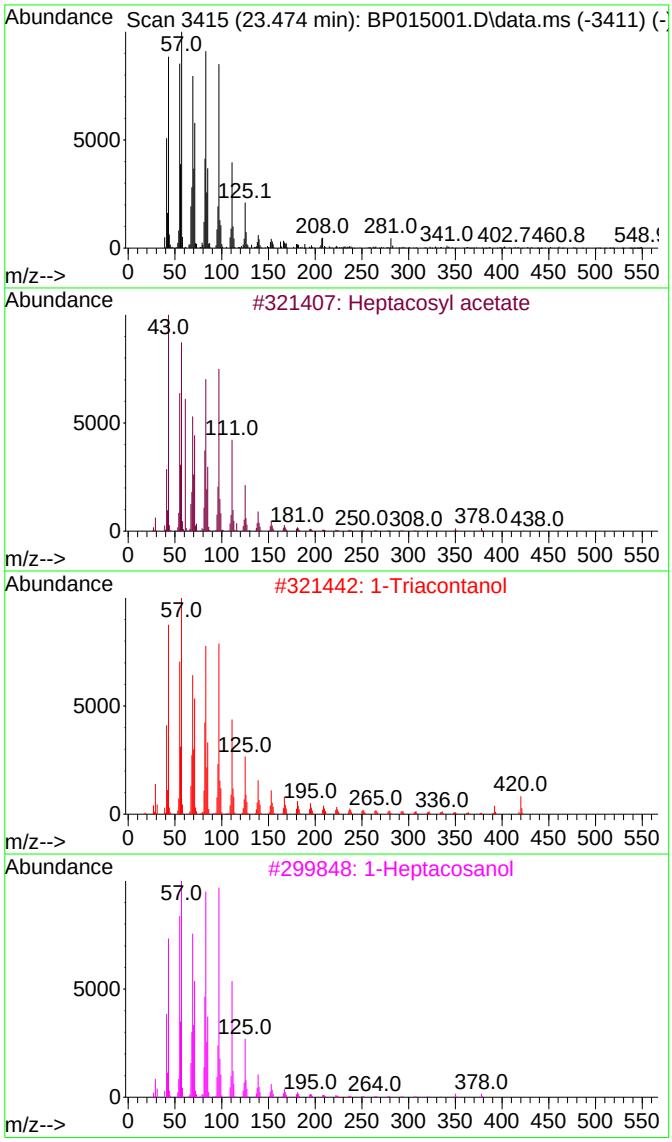
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

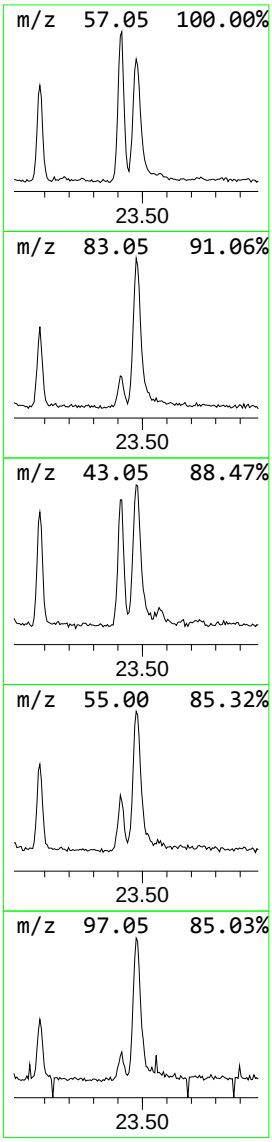
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptacosyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	4.36 ng/ul	761123	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
2	1-Triacontanol	438	C30H62O	000593-50-0	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050823\
Data File : BP015001.D
Acq On : 08 May 2023 19:34
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Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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 ...	18.416	2.9	ng/ul	727266	4	17.563	5075330	20.0
(DEL) Alkane: S...	21.315	4.3	ng/ul	939701	5	21.645	4346770	20.0
Supraene	22.962	2.8	ng/ul	493872	6	24.245	3487750	20.0
Hexacosanal	23.080	2.6	ng/ul	455139	6	24.245	3487750	20.0
Heptacosyl acetate	23.474	4.4	ng/ul	761123	6	24.245	3487750	20.0