LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017803.D
Acq On : 25 Oct 2023 06:09
Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017803.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	25	28	40	rVB	36216	58222	0.57%	0.114%
2	3.687	99	102	115	rBV	254238	446721	4.36%	0.875%
3	3.799	118	121	126	rVV3	18558	26362	0.26%	0.052%
4	3.869	128	133	143	rVB	45282	73793	0.72%	0.145%
5	3.987	150	153	158	rVB2	11120	12307	0.12%	0.024%
6	4.381	217	220	225	rVB4	11275	15010	0.15%	0.029%
7	4.922	306	312	317	rBV	64063	100250	0.98%	0.196%
8	6.481	570	577	582	rBV3	13169	25799	0.25%	0.051%
9	7.040	666	672	683	rBV	561273	975823	9.52%	1.912%
10	7.228	695	704	715	rBV	492864	795977	7.76%	1.559%
11	7.399	725	733	745	rBV	649458	1043487	10.17%	2.044%
12	7.499	745	750	753	rBV6	6393	11191	0.11%	0.022%
13	7.881	807	815	826	rBV	470607	769306	7.50%	1.507%
14	8.057	840	845	850	rVB9	6943	14465	0.14%	0.028%
15	8.605	930	938	955	rBV	576425	1003497	9.78%	1.966%
16	8.746	957	962	968	rVB	17307	29105	0.28%	0.057%
17	9.087	1010	1020	1034	rBV	602725	1006875	9.82%	1.973%
18	9.804	1134	1142	1154	rBV	520932	886015	8.64%	1.736%
19	10.334	1225	1232	1253	rBV	656805	1244765	12.14%	2.439%
20	10.710	1288	1296	1306	rBV	646515	1064061	10.38%	2.085%
21	10.887	1319	1326	1341	rBV	442684	845759	8.25%	1.657%
22	11.257	1386	1389	1397	rVB9	7212	13139	0.13%	0.026%
23	12.216	1548	1552	1556	rBV7	6349	11358	0.11%	0.022%
24	12.310	1561	1568	1577	rVV4	12283	24176	0.24%	0.047%
25	12.616	1613	1620	1628	rVB4	3878	10683	0.10%	0.021%
26	13.410	1745	1755	1761	rBV2	58805	102956	1.00%	0.202%
27	13.834	1824	1827	1833	rVB8	9014	12793	0.12%	0.025%
28	13.992	1848	1854	1864	rBV	1239851	1746003	17.03%	3.421%
29	14.275	1895	1902	1911	rBV	1472179	2125711	20.73%	4.165%
30	14.575	1945	1953	1963	rBV	933067	1390650	13.56%	2.725%
31	14.834	1991	1997	2016	rBV	215495	541131	5.28%	1.060%
32	14.969	2016	2020	2025	rVV7	6319	13345	0.13%	0.026%
33	15.581	2113	2124	2132	rBV	1783892	2595227	25.31%	5.085%
34	15.639	2132	2134	2140	rVV7	11270	22252	0.22%	0.044%
35	15.728	2143	2149	2160	rVV	450655	676011	6.59%	1.324%
36	15.816	2162	2164	2169	rVV3	13479	23845	0.23%	0.047%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_P
ClientSampleId :
GCD10

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-BP101823.MA.M
Title : SVOA CALIBRATION

37	15.851	2169	2170	2179	rVB9	6248	12874	0.13%	0.025%
38	16.716	2315	2317	2324	rVB7	8342	11725	0.11%	0.023%
39	17.004	2362	2366	2371	rBV6	14237	26175	0.26%	0.051%
40	17.222	2398	2403	2411	rBV8	26275	61988	0.60%	0.121%
41	17.286	2412	2414	2420	rVB6	10140	12982	0.13%	0.025%
42	17.369	2422	2428	2439	rBV	1116658	1585570	15.46%	3.106%
43	17.469	2439	2445	2455	rBV2	1847574	2618025	25.53%	5.129%
44	18.004	2532	2536	2541	rVB8	13817	22897	0.22%	0.045%
45	18.110	2551	2554	2558	rBV5	20609	27917	0.27%	0.055%
46	18.169	2560	2564	2568	rBV2	66583	90420	0.88%	0.177%
47	18.222	2568	2573	2587	rBV	629960	919662	8.97%	1.802%
48	18.480	2614	2617	2619	rBV4	12789	15400	0.15%	0.030%
49	18.533	2623	2626	2630	rVB5	38027	47809	0.47%	0.094%
50	18.769	2662	2666	2670	rBV5	34541	50437	0.49%	0.099%
51	18.880	2681	2685	2689	rBV7	37953	54144	0.53%	0.106%
52	18.933	2691	2694	2699	rVB3	39206	54630	0.53%	0.107%
53	19.333	2759	2762	2763	rBV	49563	52187	0.51%	0.102%
54	19.369	2763	2768	2775	rVB	192628	309114	3.01%	0.606%
55	19.469	2781	2785	2799	rBV	341619	527757	5.15%	1.034%
56	19.604	2804	2808	2813	rBV	463432	513469	5.01%	1.006%
57	19.727	2824	2829	2839	rBV	2298420	3127315	30.49%	6.127%
58	20.198	2906	2909	2913	rVB2	70959	78592	0.77%	0.154%
59	20.433	2946	2949	2953	rVB	74785	82203	0.80%	0.161%
60	20.504	2958	2961	2965	rBV2	92631	128721	1.26%	0.252%
61	20.639	2980	2984	2990	rBV2	370731	455113	4.44%	0.892%
62	20.686	2990	2992	2995	rBV	85285	106252	1.04%	0.208%
63	21.180	3069	3076	3087	rVB5	436837	882841	8.61%	1.730%
64	21.374	3104	3109	3114	rBV	8922837	10255507	100.00%	20.092%
65	21.510	3128	3132	3141	rVB	1120933	1507282	14.70%	2.953%
66	21.604	3146	3148	3152	rVB	129210	134482	1.31%	0.263%
67	22.086	3227	3230	3235	rBV	203170	379803	3.70%	0.744%
68	22.651	3322	3326	3336	rVB	484058	727755	7.10%	1.426%
69	23.204	3416	3420	3425	rVB	297202	472258	4.60%	0.925%
70	23.298	3432	3436	3445	rVB4	245733	555775	5.42%	1.089%
71	23.898	3530	3538	3547	rVB2	1348054	2998434	29.24%	5.874%
72	24.068	3561	3567	3578	rVB	730243	1569476	15.30%	3.075%
73	24.663	3663	3668	3677	rVB2	363554	806721	7.87%	1.581%

Sum of corrected areas: 51041782

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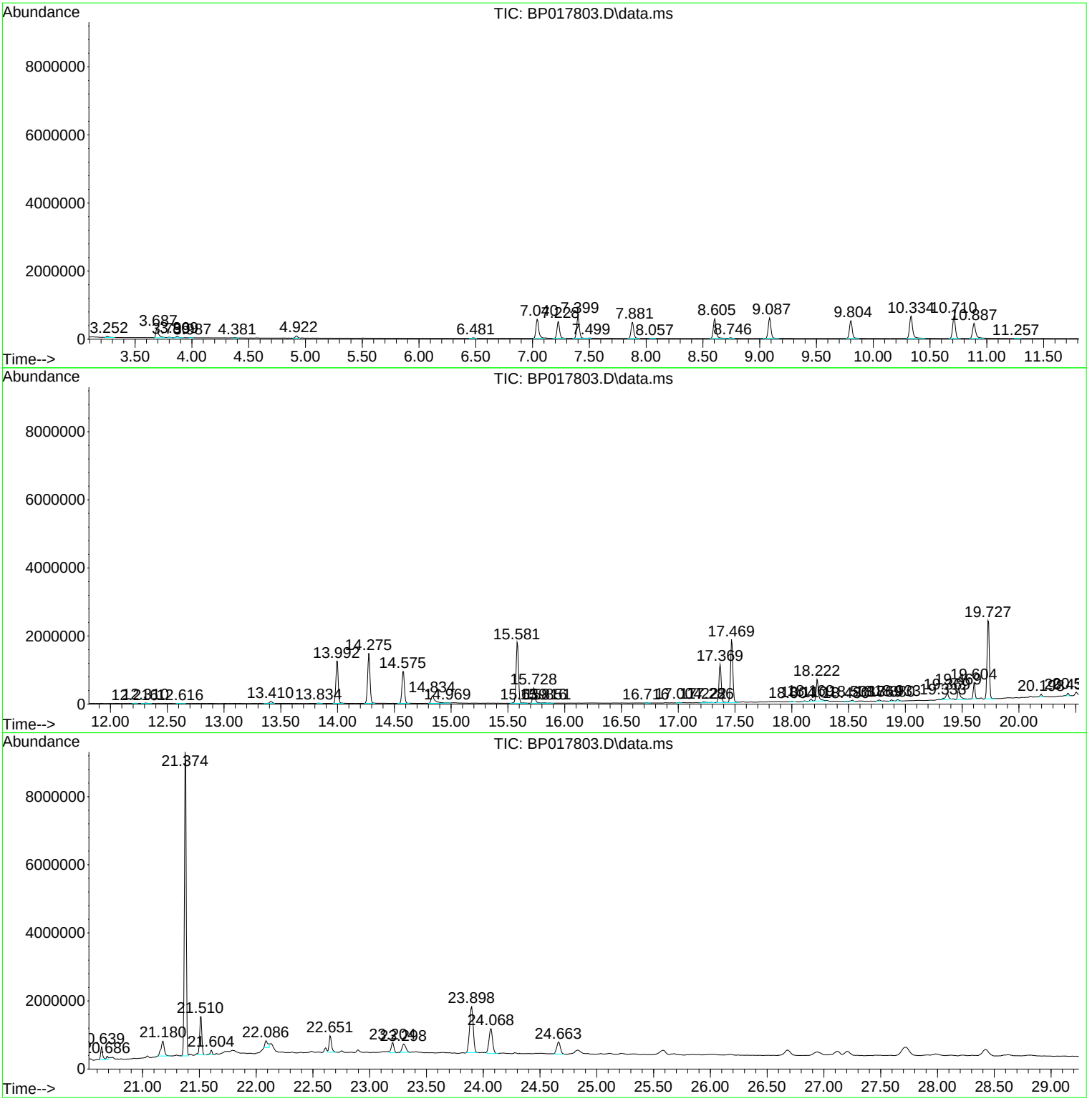
Instrument :
BNA_P
ClientSampleId :
GCD10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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



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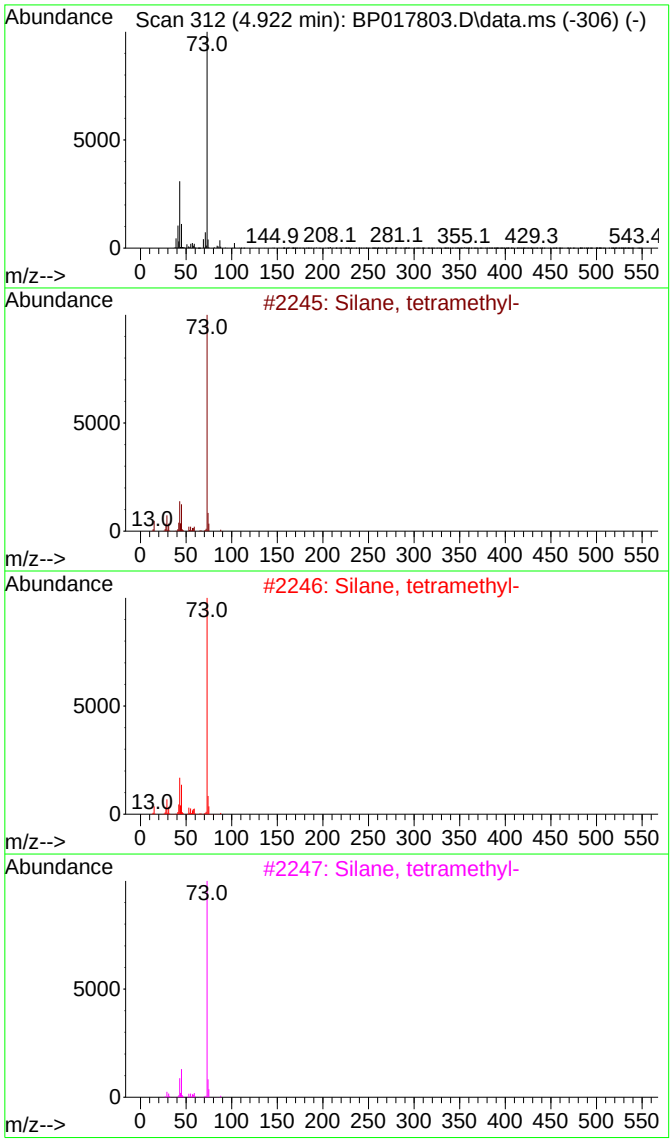
Quant Title : SVOA CALIBRATION

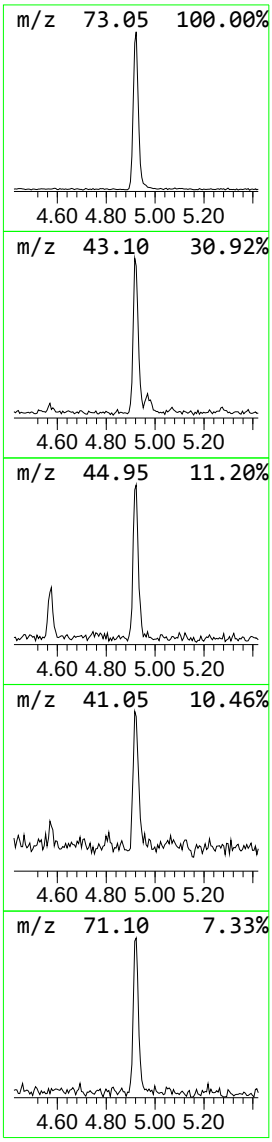
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.922	2.61 ng/ul	100250	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	37
5	Silane, trimethyl(1-phenylethyl)-	178	C11H18Si	017961-78-3	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017803.D
Acq On : 25 Oct 2023 06:09
Operator : MA/JU
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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

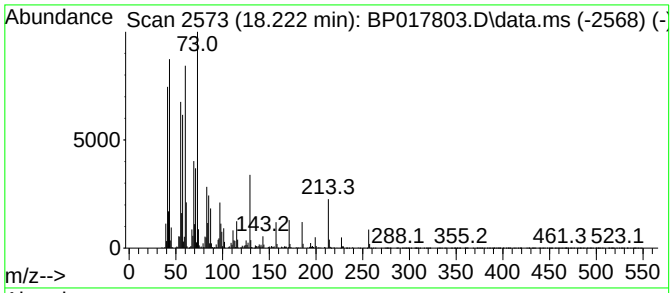
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

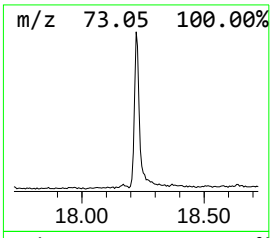
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

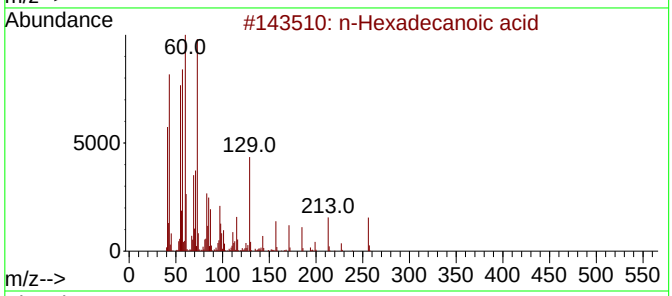
****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

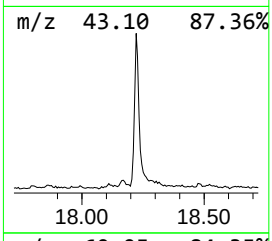
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	11.60 ng/ul	919662	Phenanthrene-d10	17.369

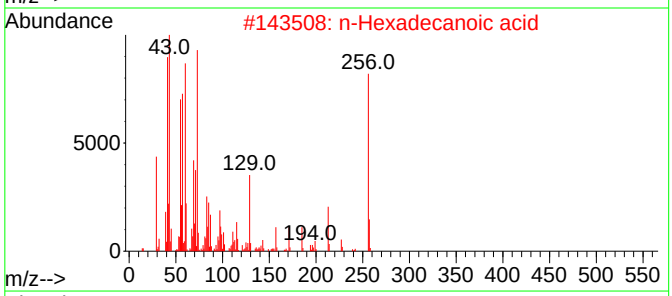
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92

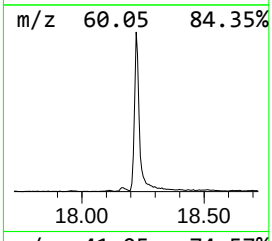


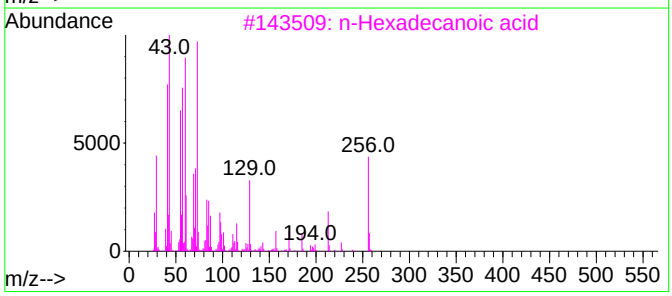


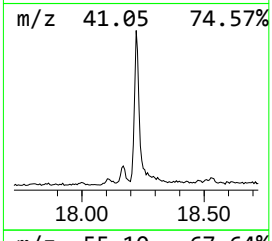


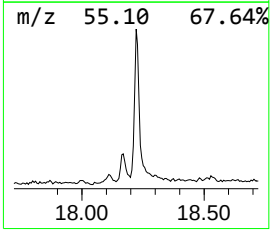












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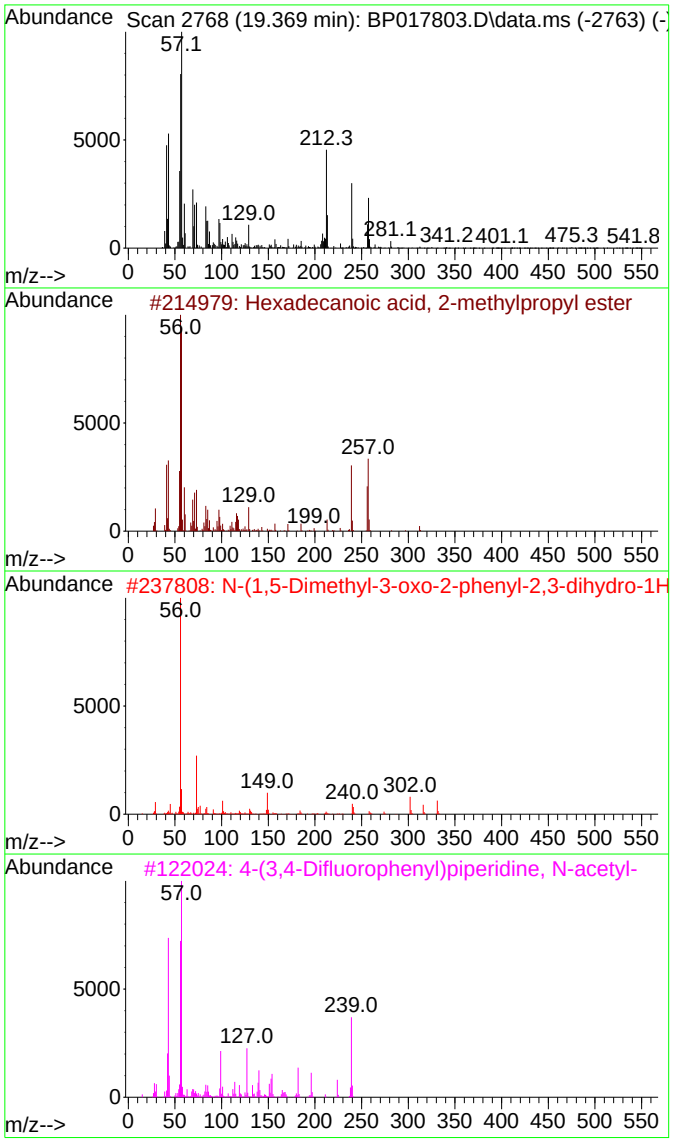
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

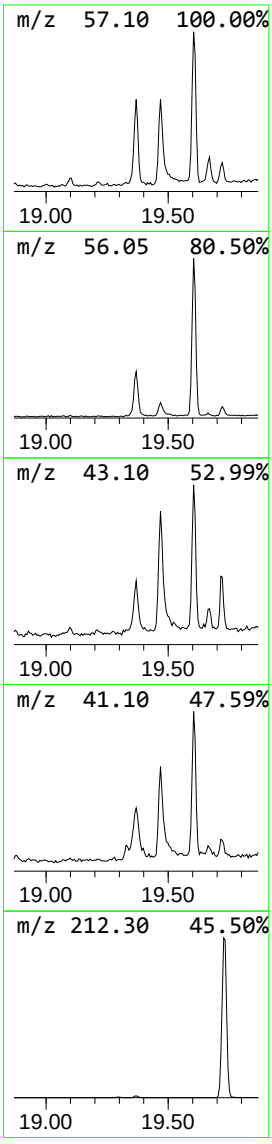
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, 2-methyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	3.90 ng/ul	309114	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	53
2	N-(1,5-Dimethyl-3-oxo-2-phenyl-2...	331	C17H25N3O2Si	1000487-90-4	35
3	4-(3,4-Difluorophenyl)piperidine...	239	C13H15F2NO	1000505-60-2	35
4	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	35
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	30





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BNA_P
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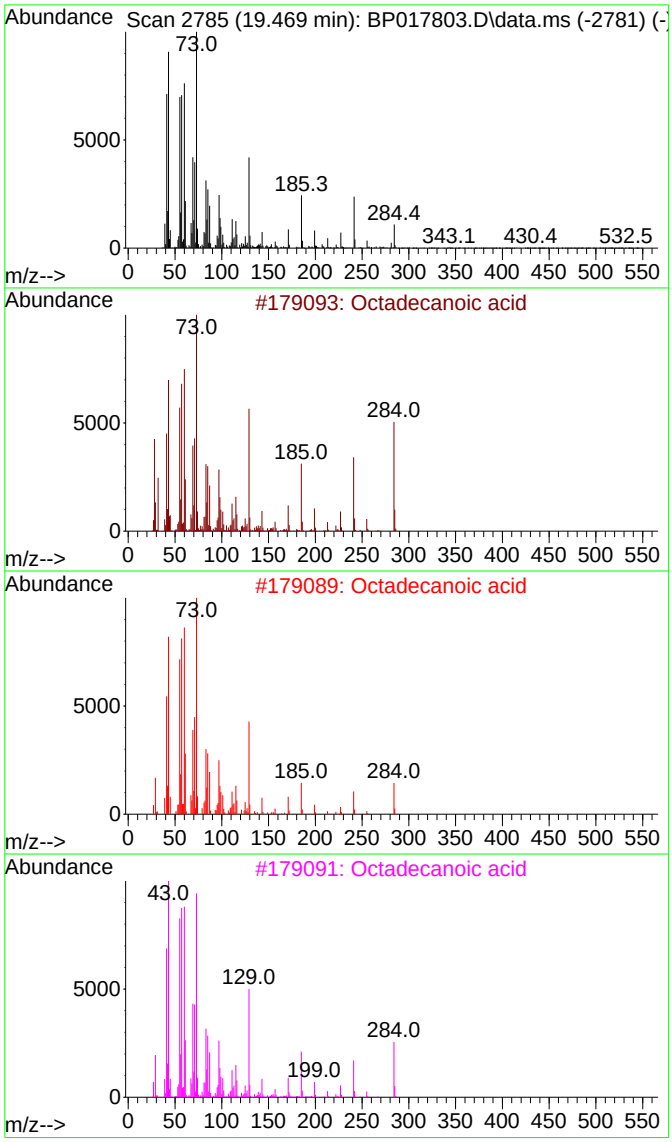
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

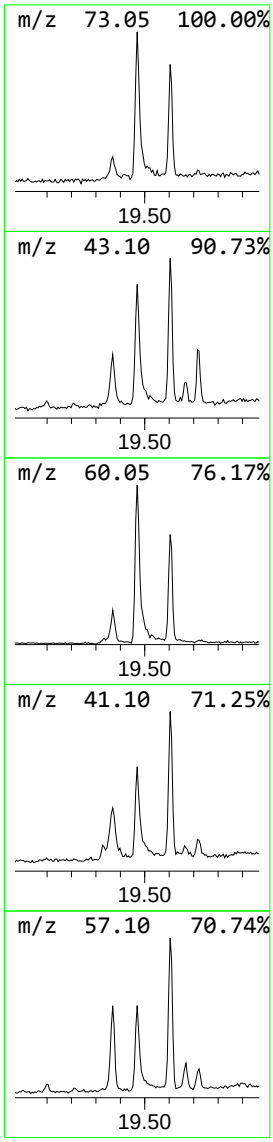
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	7.00 ng/ul	527757	Chrysene-d12	21.516

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	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ALS Vial : 52 Sample Multiplier: 1

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BNA_P
ClientSampleId :
GCD10

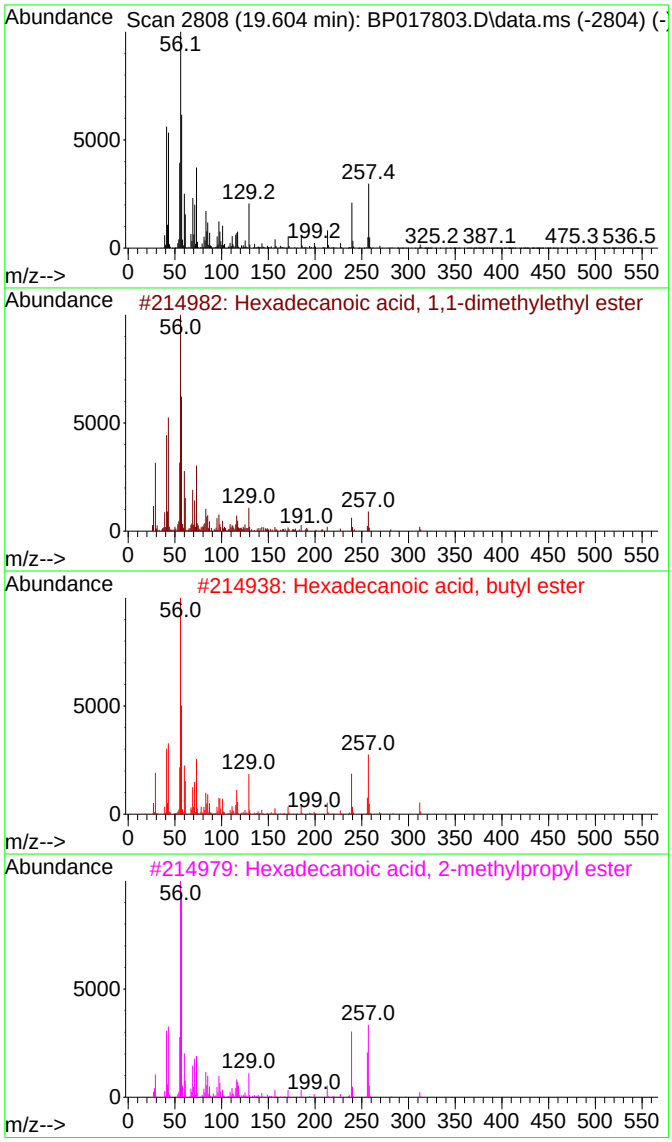
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

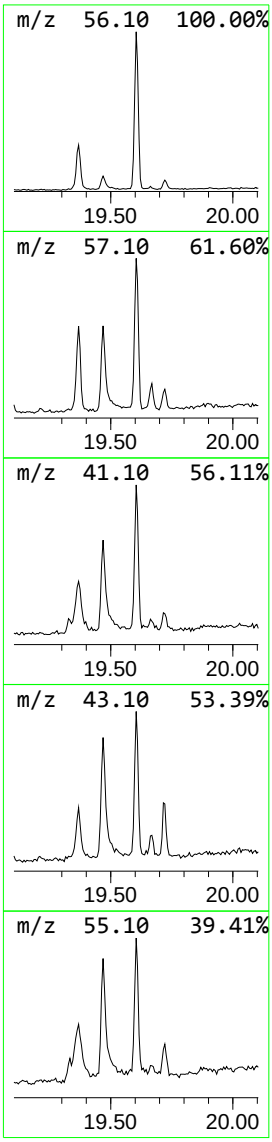
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.604	6.81 ng/ul	513469	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
5	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	43





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Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

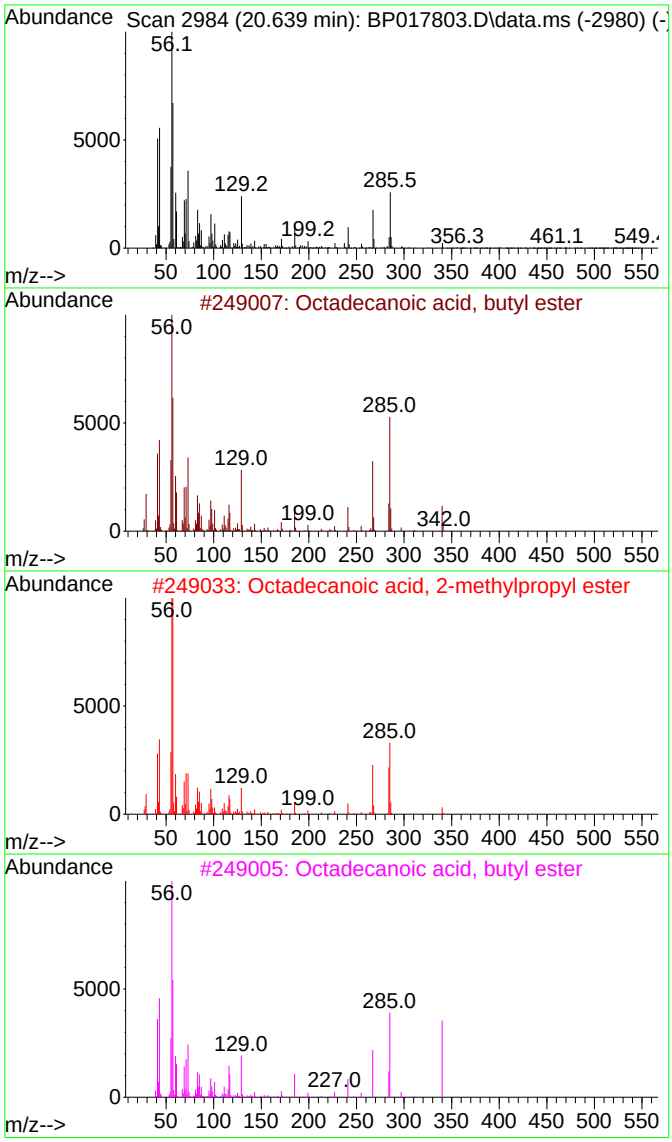
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

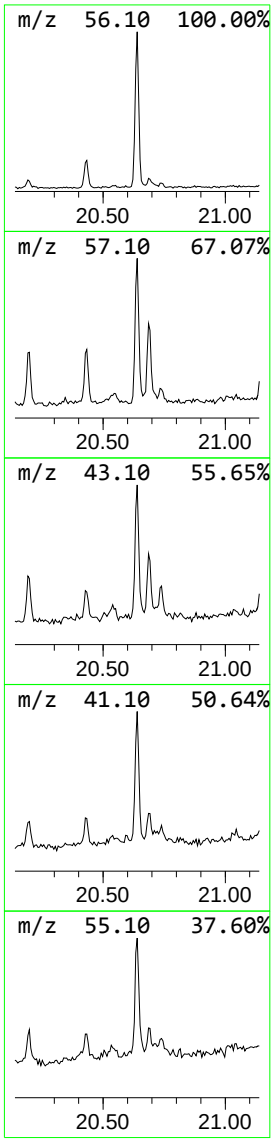
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.639	6.04 ng/ul	455113	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	93
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
5	Butyl myristate	284	C18H36O2	000110-36-1	58





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Data File : BP017803.D
Acq On : 25 Oct 2023 06:09
Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

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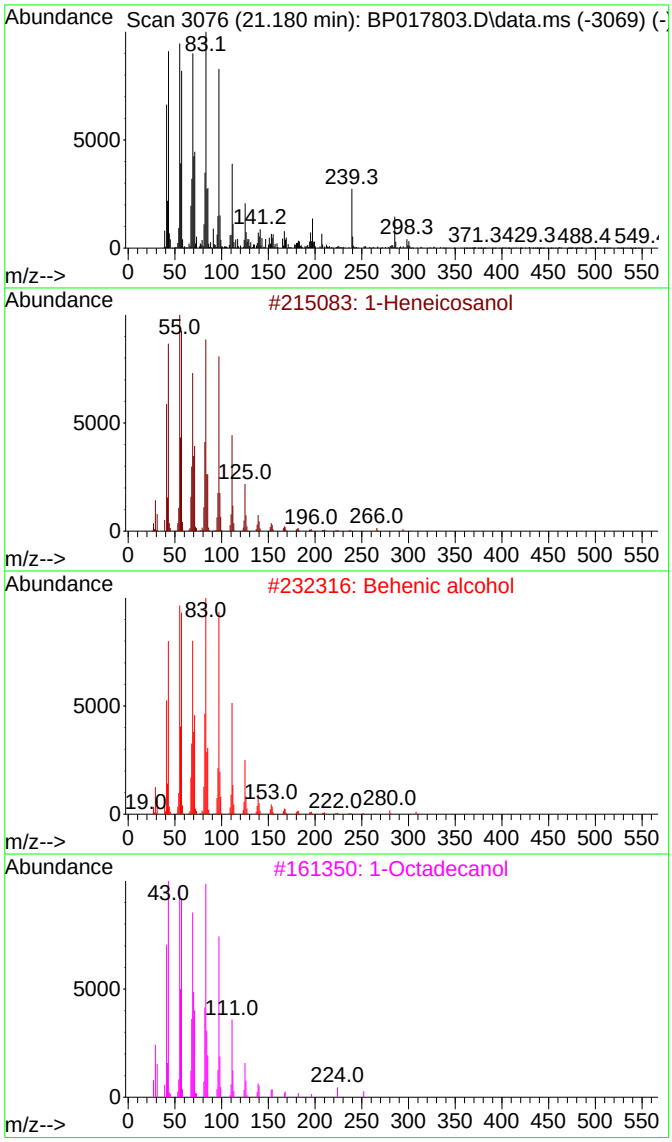
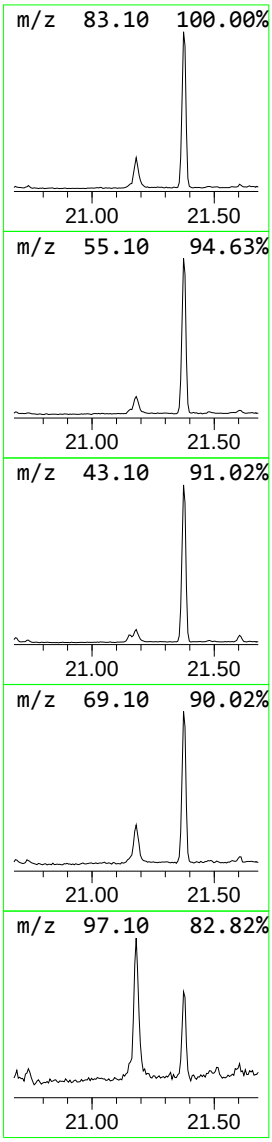
Peak Number 7 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	11.71 ng/ul	882841	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Octadecanol	270	C18H38O	000112-92-5	90
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5	Heptacos-1-ene	378	C27H54	015306-27-1	87





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Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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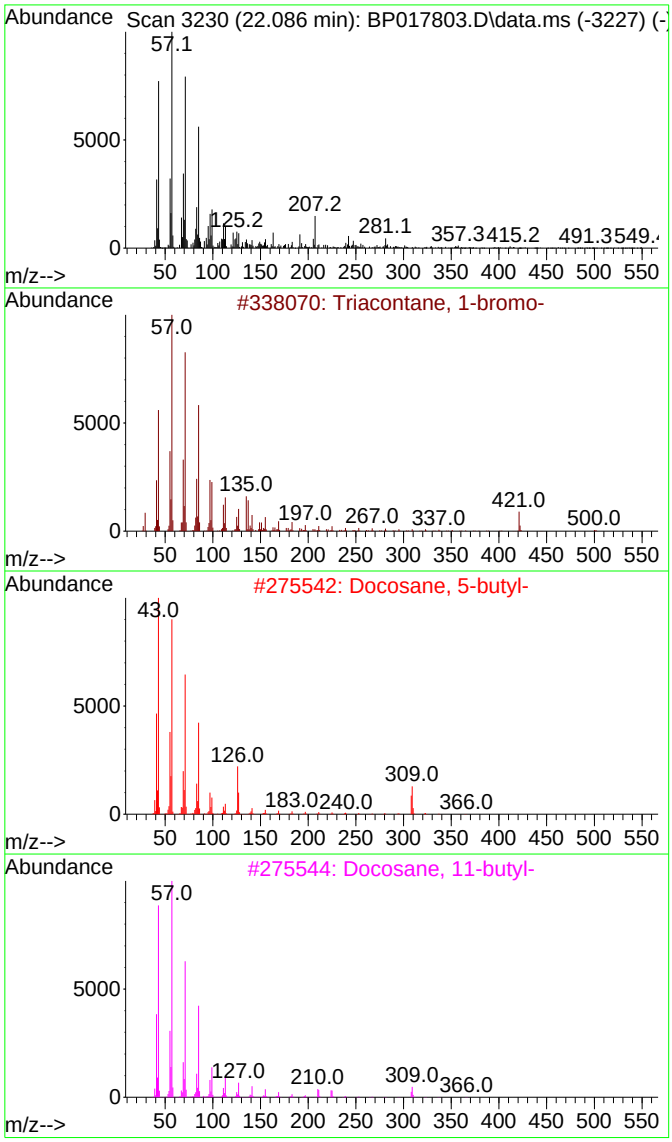
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

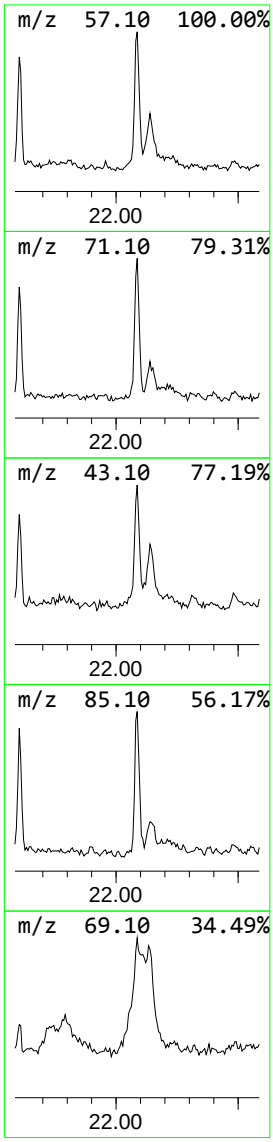
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Triacontane, 1-bromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.086	5.04 ng/ul	379803	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	93
2	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	87





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Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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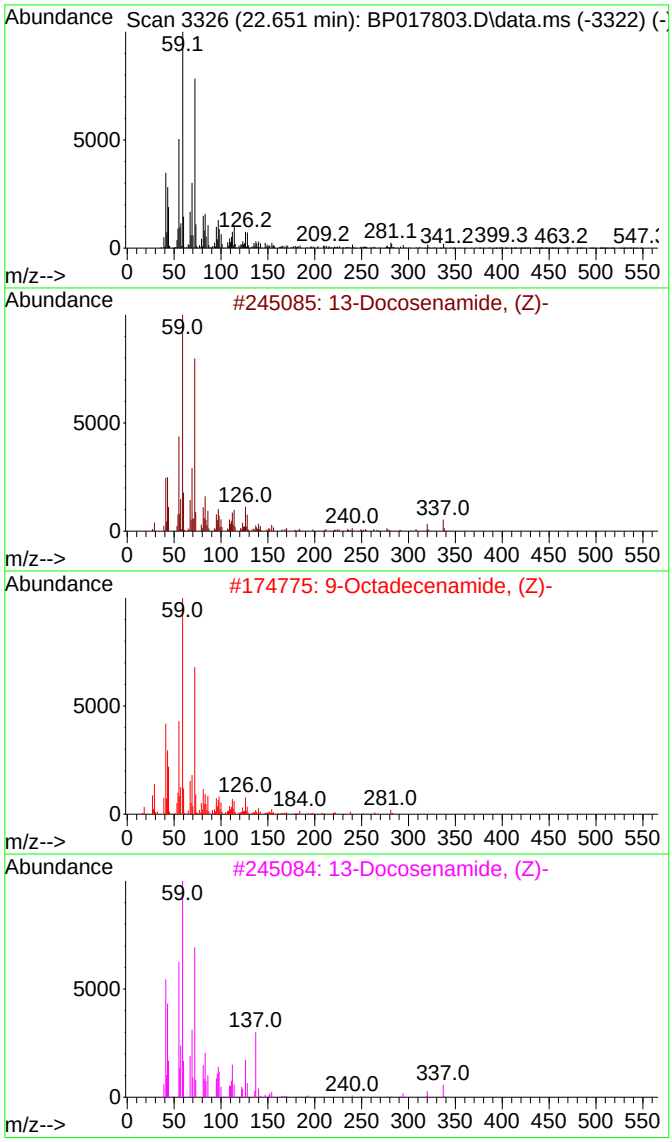
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

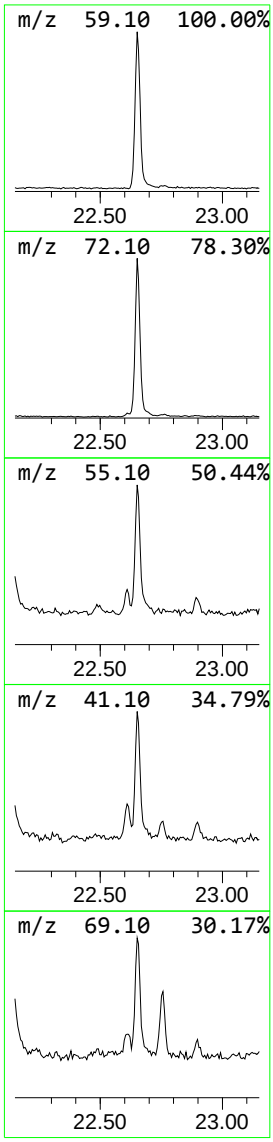
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.651	9.66 ng/ul	727755	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	98
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5	Hexadecanamide	255	C16H33NO	000629-54-9	53





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Acq On : 25 Oct 2023 06:09
Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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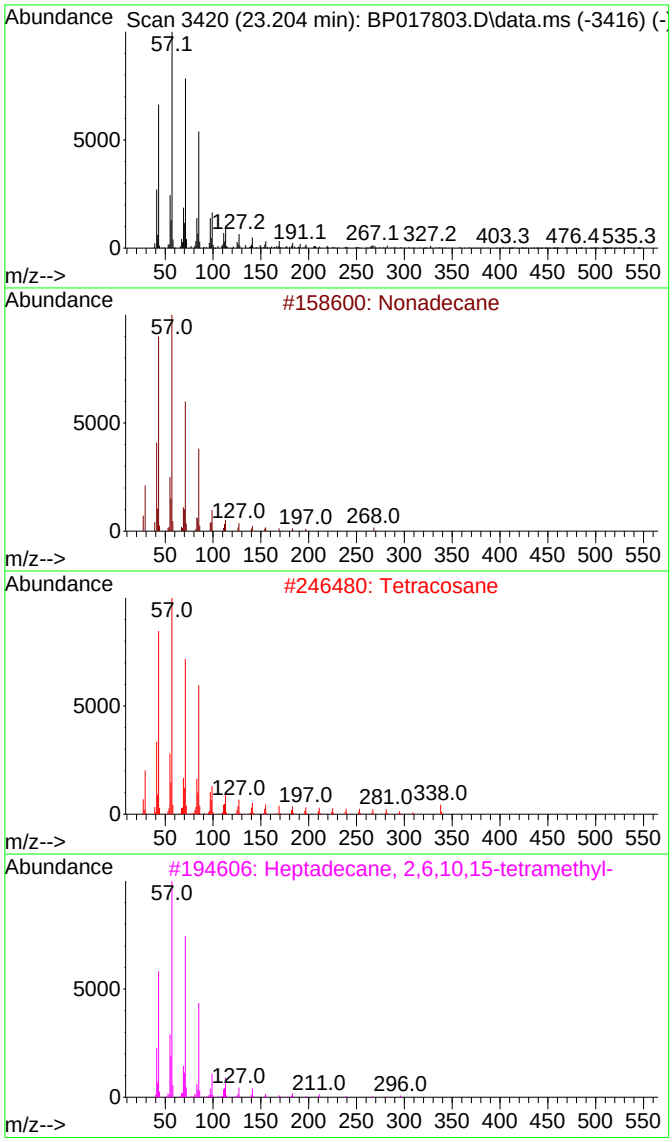
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

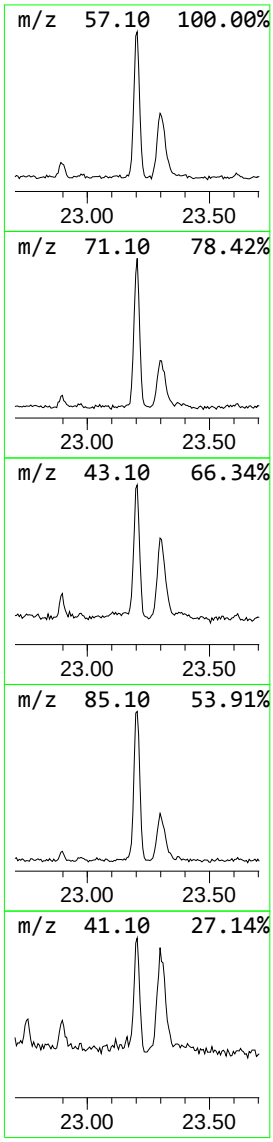
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.204	6.02 ng/ul	472258	Perylene-d12	24.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	9-Methylheneicosane	310	C22H46	070475-51-3	91





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Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

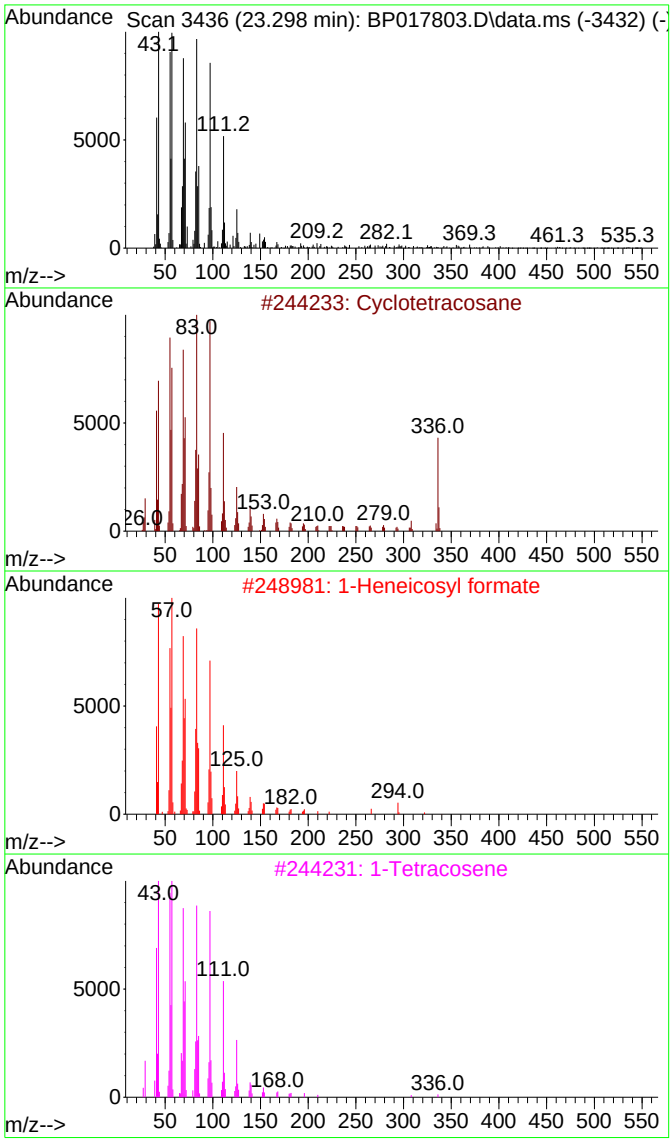
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

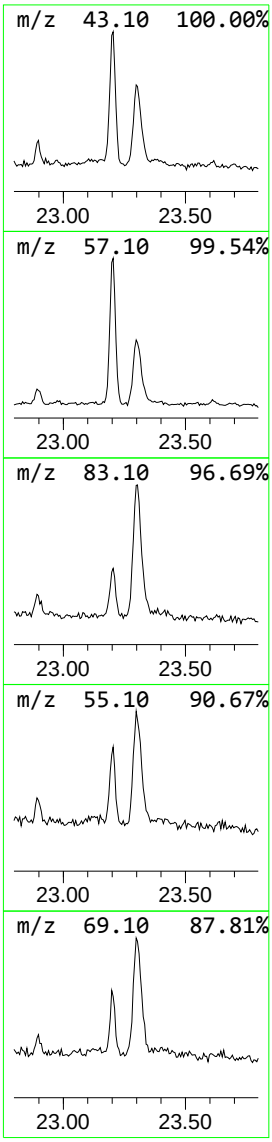
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic23.298 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.298	7.08 ng/ul	555775	Perylene-d12	24.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	92
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





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Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

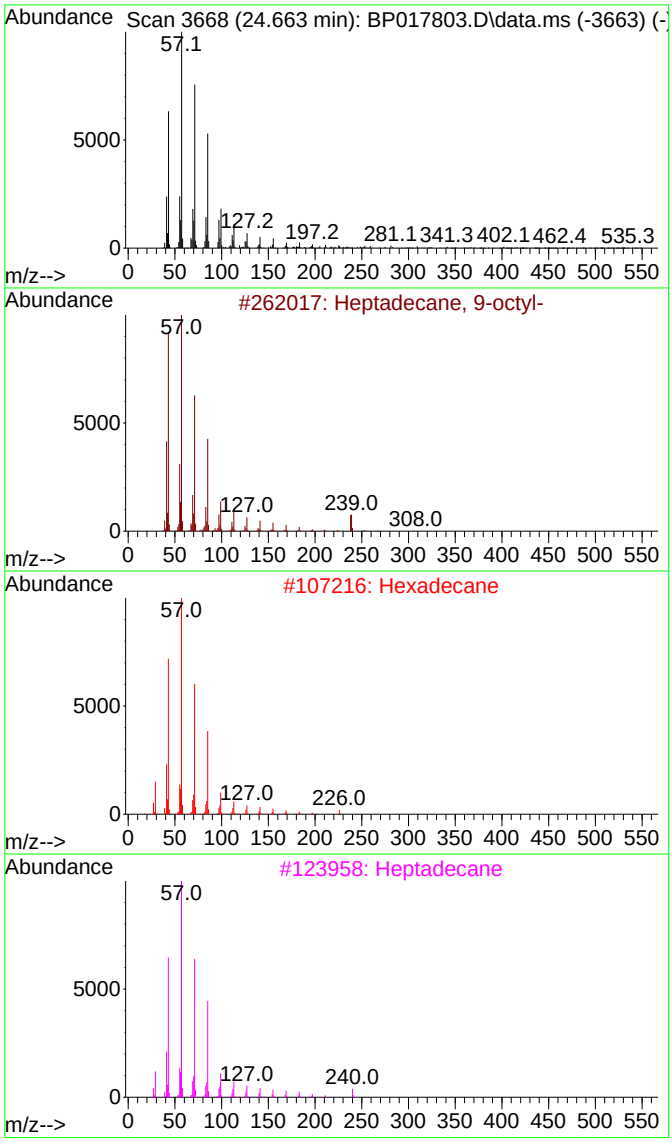
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

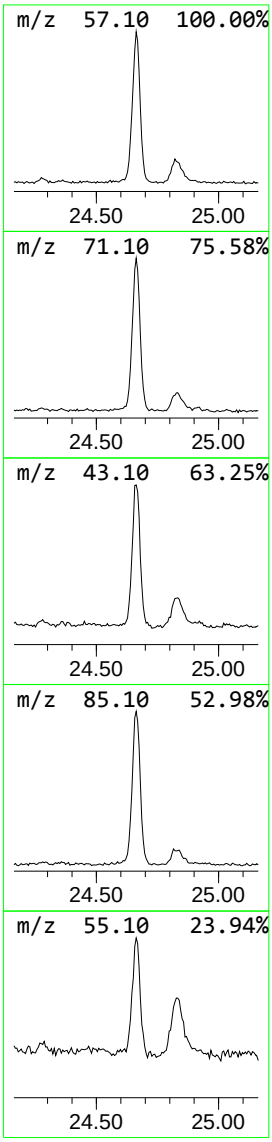
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.663	10.28 ng/ul	806721	Perylene-d12	24.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heptadecane	240	C17H36	000629-78-7	93





Tentatively Identified Compound (LSC) summary

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Data File : BP017803.D
Acq On : 25 Oct 2023 06:09
Operator : MA/JU
Sample : 04927-06
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCD10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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
unknown-01	4.922	2.6	ng/ul	100250	1	7.881	769306	20.0
n-Hexadecanoic ...	18.222	11.6	ng/ul	919662	4	17.369	1585570	20.0
Hexadecanoic ac...	19.369	3.9	ng/ul	309114	4	17.369	1585570	20.0
Octadecanoic acid	19.469	7.0	ng/ul	527757	5	21.516	1507280	20.0
Hexadecanoic ac...	19.604	6.8	ng/ul	513469	5	21.516	1507280	20.0
Octadecanoic ac...	20.639	6.0	ng/ul	455113	5	21.516	1507280	20.0
1-Heneicosanol	21.180	11.7	ng/ul	882841	5	21.516	1507280	20.0
Triacontane, 1-...	22.086	5.0	ng/ul	379803	5	21.516	1507280	20.0
13-Docosenamide...	22.651	9.7	ng/ul	727755	5	21.516	1507280	20.0
(DEL) Alkane: S...	23.204	6.0	ng/ul	472258	6	24.068	1569480	20.0
(DEL) Alkane: C...	23.298	7.1	ng/ul	555775	6	24.068	1569480	20.0
(DEL) Alkane: S...	24.663	10.3	ng/ul	806721	6	24.068	1569480	20.0