LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

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-BP102522.M
Title : SVOA CALIBRATION

Signal : TIC: BP012404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	39	42	57	rVB	46435	76997	0.68%	0.087%
2	3.670	114	116	128	rBV	95737	180406	1.59%	0.204%
3	3.875	146	151	157	rBV	37429	60298	0.53%	0.068%
4	3.975	164	168	174	rVB	15069	22292	0.20%	0.025%
5	4.911	320	327	333	rBV4	13742	28396	0.25%	0.032%
6	6.969	671	677	689	rBV	222519	402659	3.54%	0.455%
7	7.128	697	704	719	rBV	932146	1578554	13.89%	1.782%
8	7.322	730	737	747	rBV	869019	1441683	12.69%	1.627%
9	7.793	808	817	826	rBV	898757	1445741	12.72%	1.632%
10	8.510	931	939	955	rBV	730773	1264133	11.12%	1.427%
11	8.963	1007	1016	1035	rBV	1117831	1957539	17.23%	2.210%
12	9.122	1036	1043	1049	rVB	6876	16074	0.14%	0.018%
13	9.346	1076	1081	1090	rVB	28826	47063	0.41%	0.053%
14	9.681	1130	1138	1156	rBV	885229	1562523	13.75%	1.764%
15	10.222	1220	1230	1249	rBV	1302554	2411850	21.22%	2.722%
16	10.387	1253	1258	1268	rBV2	37559	99274	0.87%	0.112%
17	10.593	1285	1293	1306	rBV	1318687	2253239	19.83%	2.543%
18	10.740	1311	1318	1339	rVV	1016356	1910223	16.81%	2.156%
19	12.193	1557	1565	1571	rVB2	23269	45912	0.40%	0.052%
20	13.257	1742	1746	1750	rBV4	8473	12357	0.11%	0.014%
21	13.334	1754	1759	1764	rBV3	14096	22888	0.20%	0.026%
22	13.416	1768	1773	1777	rBV7	6261	11403	0.10%	0.013%
23	13.863	1840	1849	1862	rBV	2883675	4222698	37.16%	4.767%
24	14.140	1888	1896	1906	rBV	3352696	5130885	45.15%	5.792%
25	14.445	1940	1948	1960	rBV	2128180	3196290	28.13%	3.608%
26	14.675	1981	1987	2001	rBV	182417	411070	3.62%	0.464%
27	14.869	2015	2020	2030	rVB	16640	44542	0.39%	0.050%
28	15.198	2069	2076	2082	rBV	840963	1147204	10.10%	1.295%
29	15.287	2089	2091	2097	rVB6	10674	14386	0.13%	0.016%
30	15.440	2110	2117	2131	rBV	4438200	6607945	58.15%	7.459%
31	15.575	2134	2140	2154	rVV	1483065	2027653	17.84%	2.289%
32	15.681	2154	2158	2165	rVB	25643	41715	0.37%	0.047%
33	16.228	2248	2251	2255	rVB5	8513	12554	0.11%	0.014%
34	16.881	2357	2362	2366	rBV8	17609	28774	0.25%	0.032%
35	17.204	2410	2417	2427	rBV	2826139	4030578	35.47%	4.550%
36	17.304	2427	2434	2447	rBV2	5246416	7605615	66.93%	8.585%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

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-BP102522.M
Title : SVOA CALIBRATION

37	17.875	2527	2531	2535	rVB2	28808	35595	0.31%	0.040%
38	18.092	2563	2568	2577	rBV	480725	776607	6.83%	0.877%
39	19.122	2739	2743	2748	rBV2	78149	107874	0.95%	0.122%
40	19.192	2751	2755	2759	rBV	86663	129875	1.14%	0.147%
41	19.328	2774	2778	2785	rBV	430577	709884	6.25%	0.801%
42	19.545	2809	2815	2827	rVB	7282332	9610812	84.57%	10.849%
43	20.063	2900	2903	2906	rVB	124415	126706	1.11%	0.143%
44	20.545	2982	2985	2990	rBV	316900	350443	3.08%	0.396%
45	21.004	3059	3063	3072	rBV	824215	1172110	10.31%	1.323%
46	21.204	3094	3097	3102	rBV	216191	237199	2.09%	0.268%
47	21.298	3108	3113	3121	rBV	4107236	5221109	45.94%	5.894%
48	21.433	3133	3136	3141	rBV	593798	650535	5.72%	0.734%
49	21.892	3211	3214	3226	rVB	504044	684087	6.02%	0.772%
50	22.386	3295	3298	3304	rVB	436904	581335	5.12%	0.656%
51	23.533	3486	3493	3505	rVB2	5421739	11363990	100.00%	12.828%
52	23.686	3513	3519	3530	rVB2	2822984	5458131	48.03%	6.161%

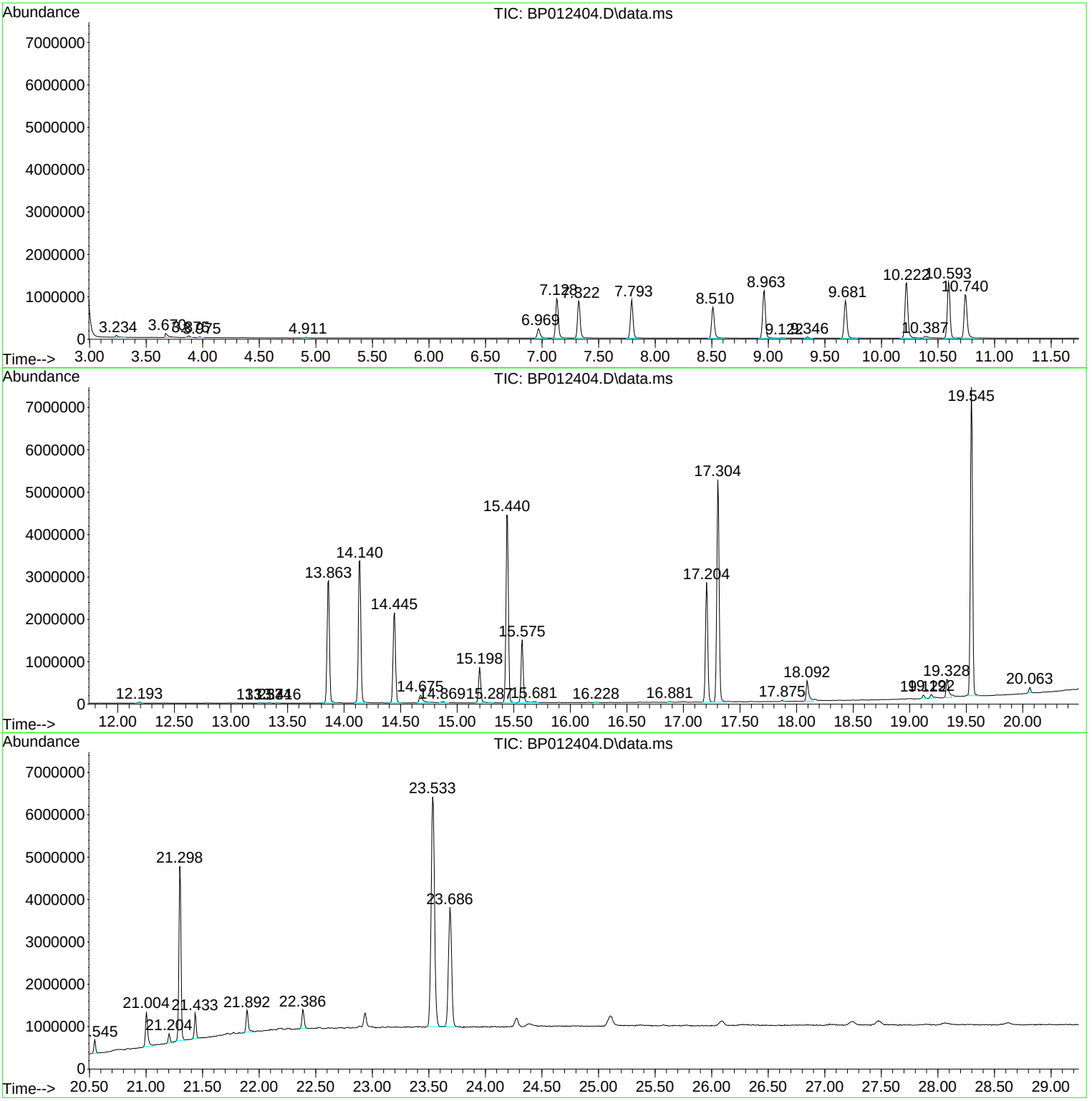
Sum of corrected areas: 88589705

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

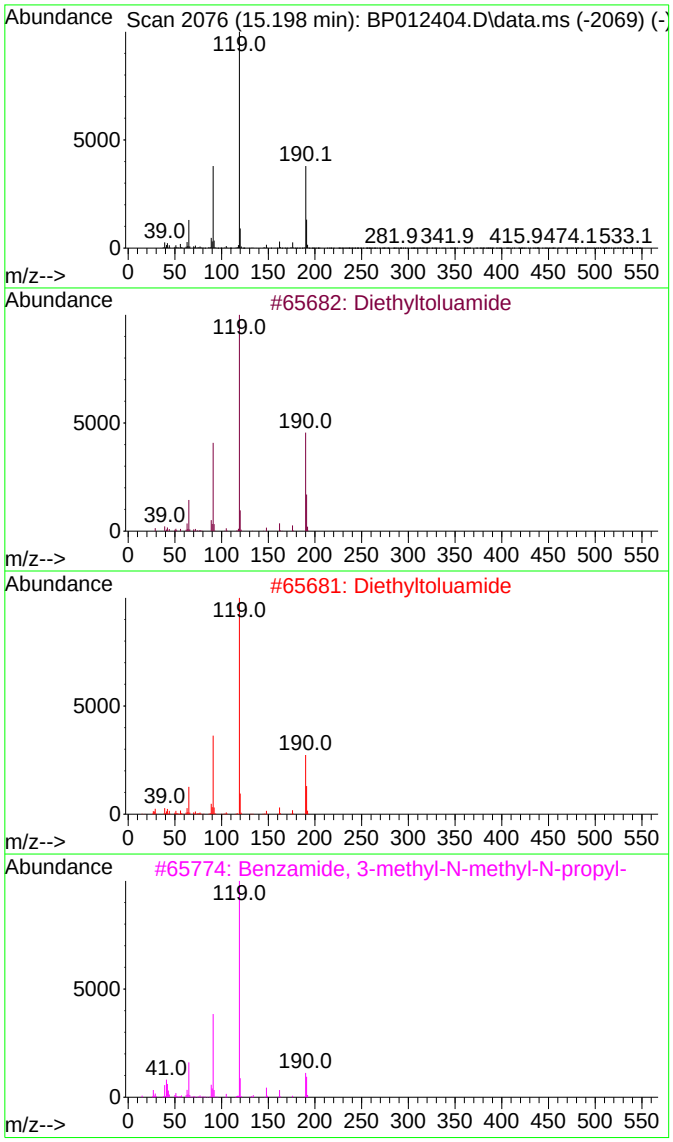
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

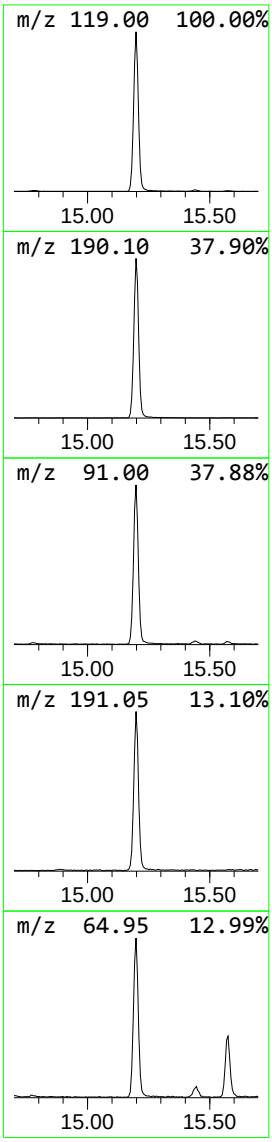
****

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	7.18 ng/ul	1147200	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	90
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

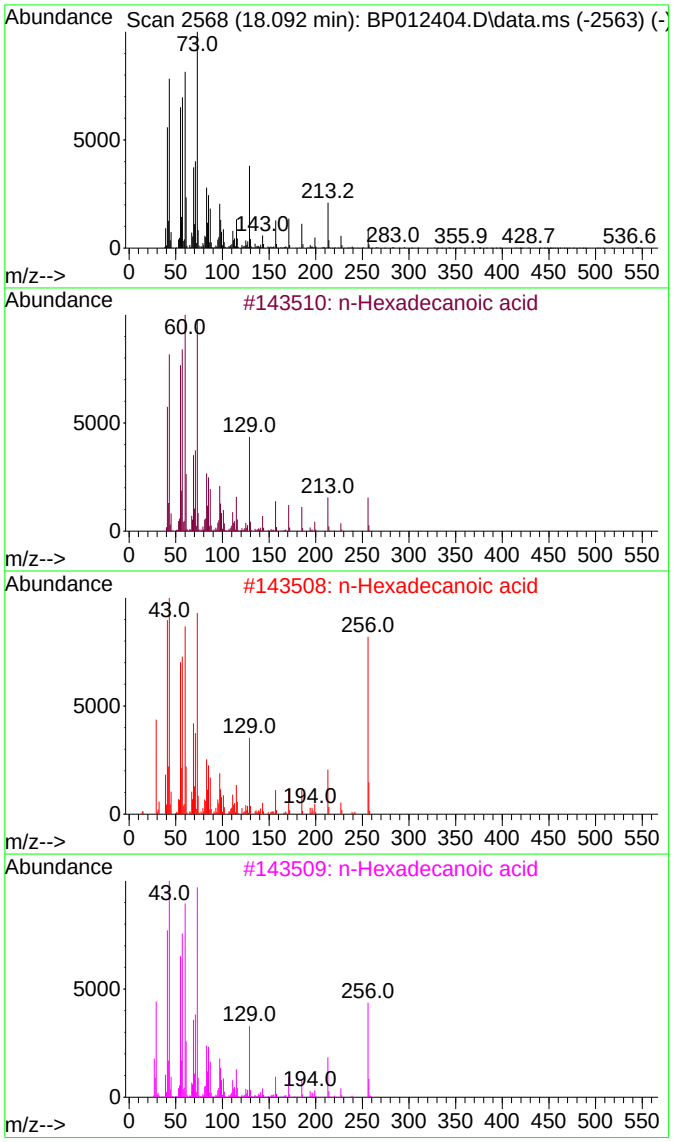
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

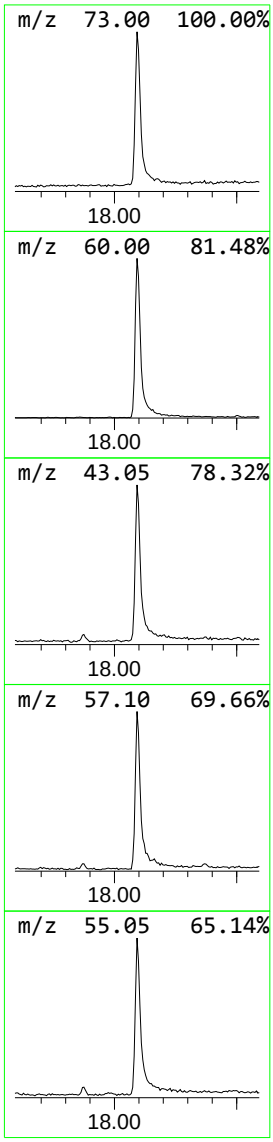
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	3.85 ng/ul	776607	Phenanthrene-d10	17.204

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	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

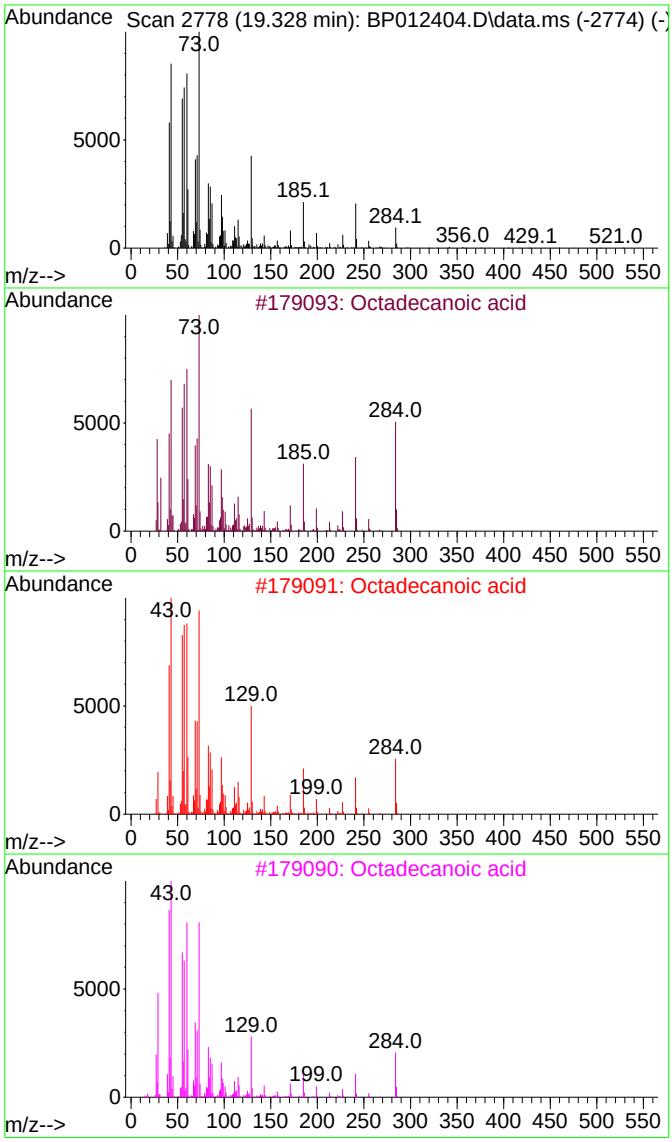
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

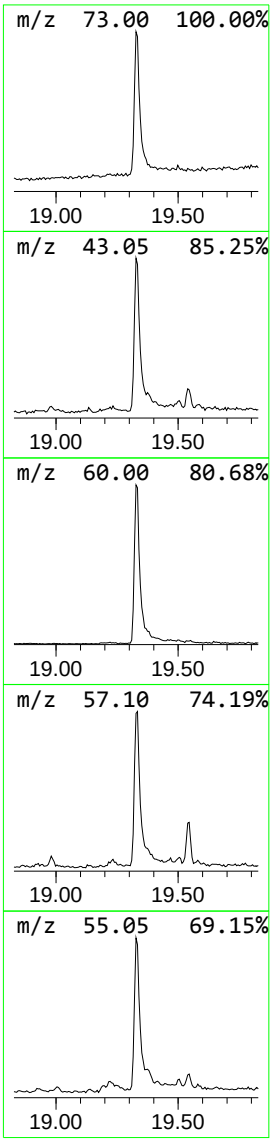
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.328	2.72 ng/ul	709884	Chrysene-d12	21.298

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

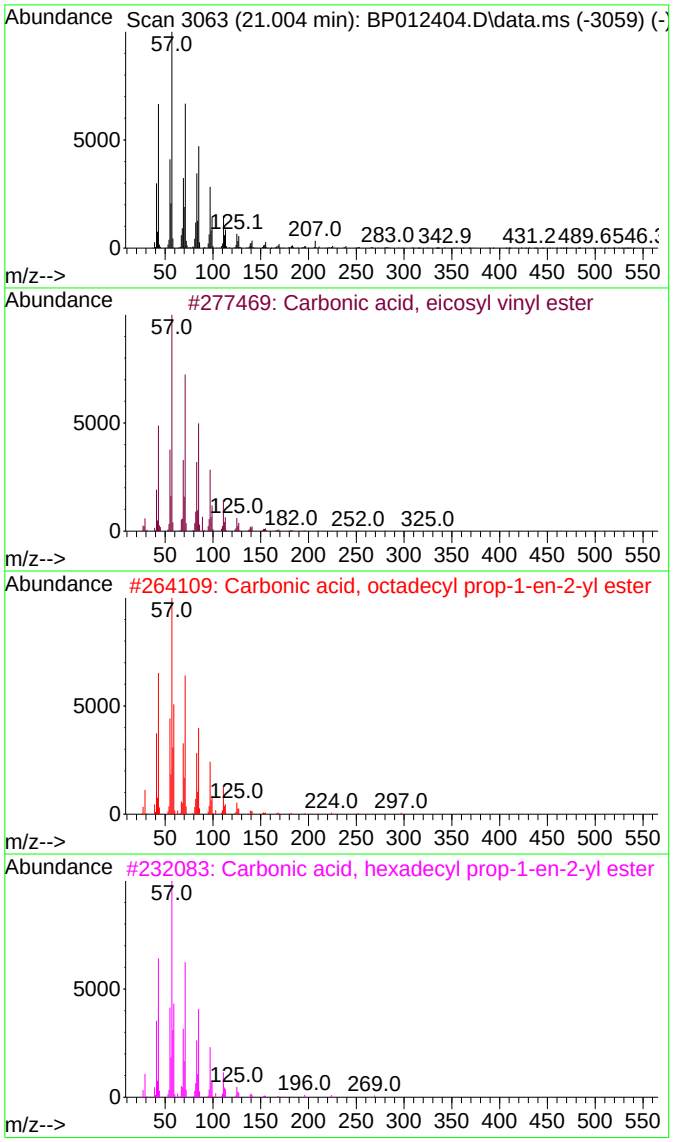
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

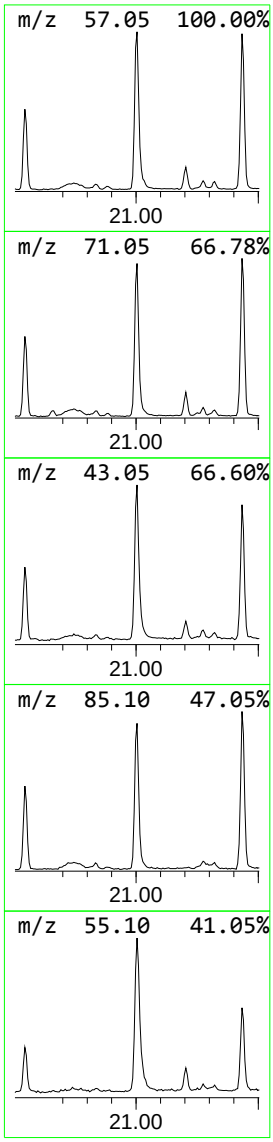
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, eicosyl viny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.004	4.49 ng/ul	1172110	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	94
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

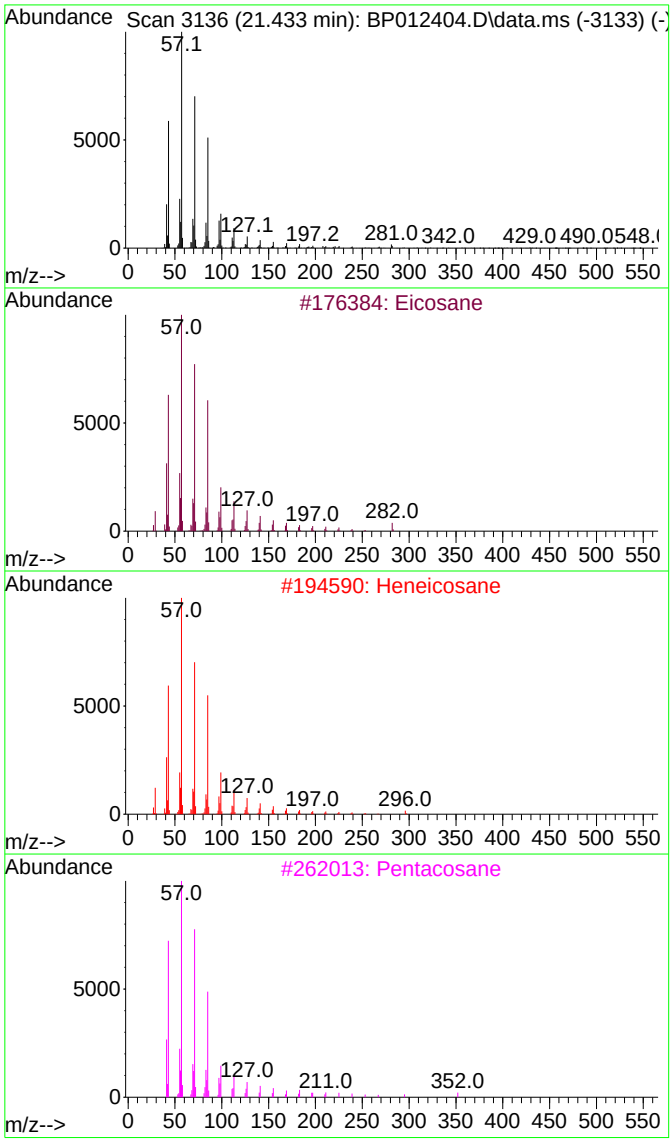
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

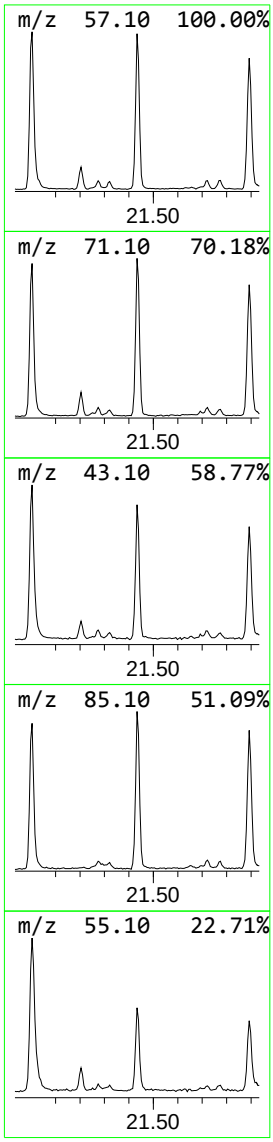
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.433	2.49 ng/ul	650535	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

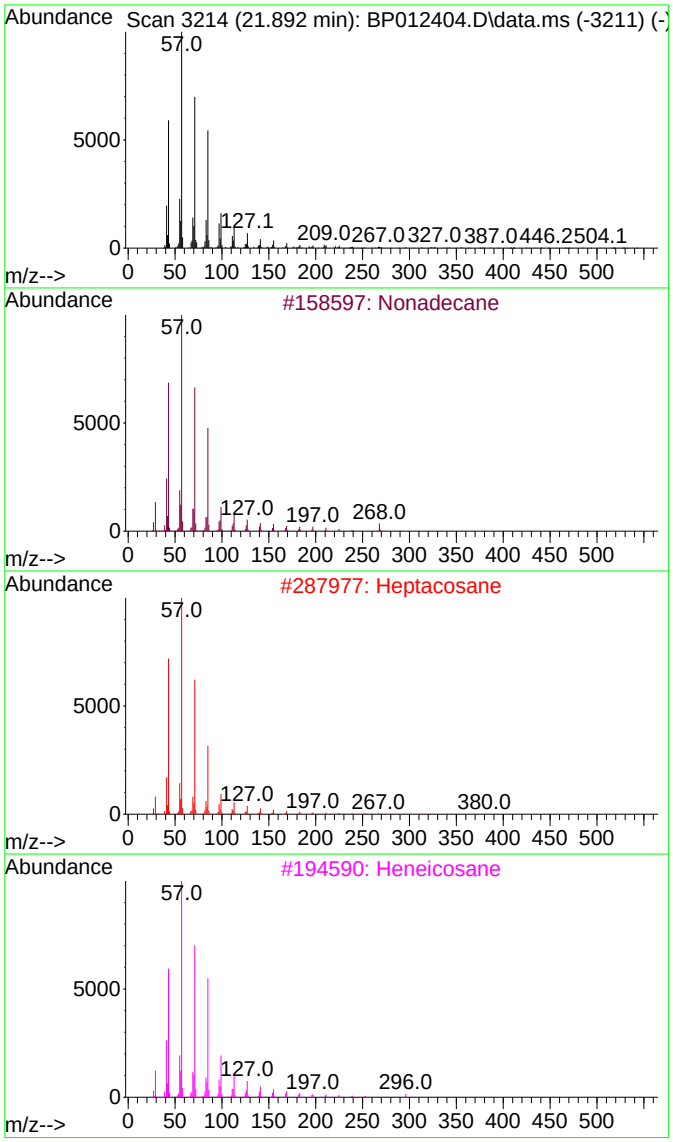
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

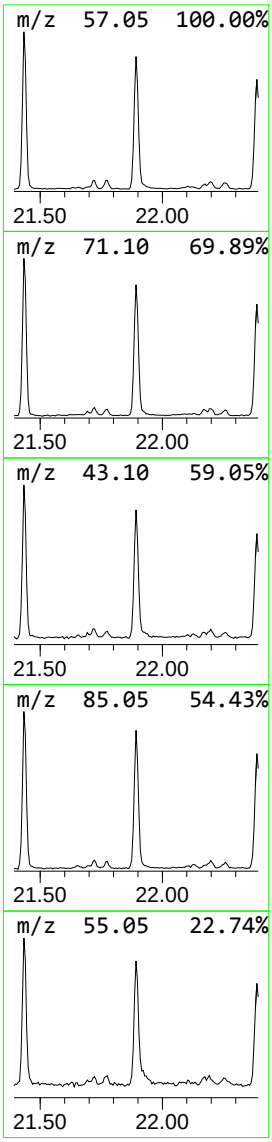
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.892	2.62 ng/ul	684087	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptacosane	380	C27H56	000593-49-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

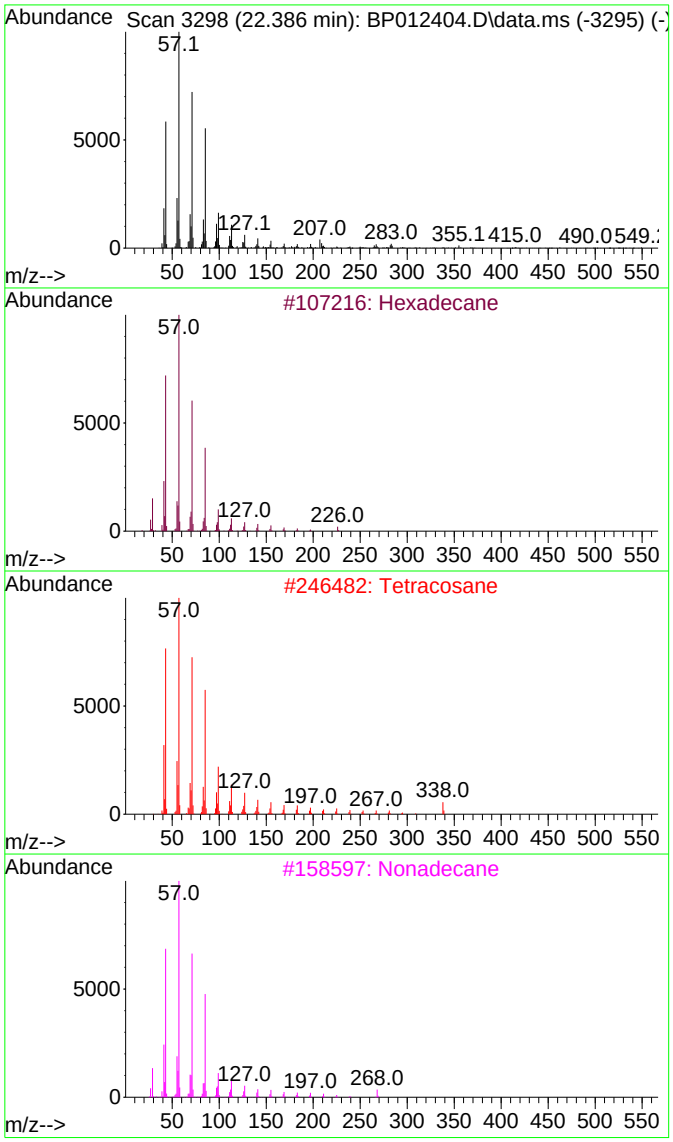
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

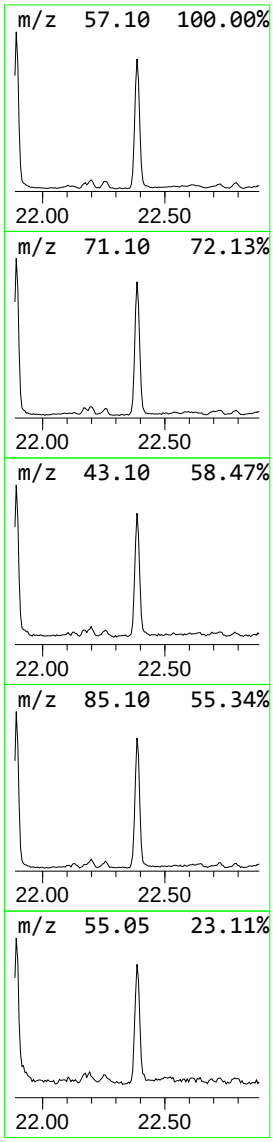
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.386	2.23 ng/ul	581335	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetracosane	338	C24H50	000646-31-1	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Eicosane	282	C20H42	000112-95-8	93
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
Data File : BP012404.D
Acq On : 01 Nov 2022 01:16
Operator : CG/JU
Sample : N5216-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BHA59

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.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
Diethyltoluamide	15.198	7.2	ng/ul	1147200	3	14.445	3196290	20.0
n-Hexadecanoic ...	18.092	3.9	ng/ul	776607	4	17.204	4030580	20.0
Octadecanoic acid	19.328	2.7	ng/ul	709884	5	21.298	5221110	20.0
Carbonic acid, ...	21.004	4.5	ng/ul	1172110	5	21.298	5221110	20.0
(DEL) Alkane: S...	21.433	2.5	ng/ul	650535	5	21.298	5221110	20.0
(DEL) Alkane: S...	21.892	2.6	ng/ul	684087	5	21.298	5221110	20.0
(DEL) Alkane: S...	22.386	2.2	ng/ul	581335	5	21.298	5221110	20.0