LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015952.D
Acq On : 03 Jul 2023 15:38
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	28	31	38	rVB	41222	58977	0.24%	0.079%
2	3.852	111	113	121	rBV2	35548	77862	0.32%	0.104%
3	3.922	121	125	133	rVB	43739	72062	0.30%	0.096%
4	4.034	141	144	150	rVB	30165	42005	0.17%	0.056%
5	7.246	683	690	706	rBV	279512	873688	3.60%	1.165%
6	7.375	706	712	738	rVV	371474	819840	3.38%	1.094%
7	7.587	741	748	766	rVV	427394	954876	3.94%	1.274%
8	8.046	819	826	849	rBV	713247	1520790	6.27%	2.029%
9	8.810	947	956	983	rBV	228233	934728	3.85%	1.247%
10	9.251	1023	1031	1053	rBV	385175	985878	4.07%	1.315%
11	9.981	1147	1155	1179	rBV	210010	823815	3.40%	1.099%
12	10.569	1246	1255	1284	rBV	254405	1122339	4.63%	1.497%
13	10.875	1296	1307	1323	rBV	946035	2246568	9.26%	2.997%
14	11.092	1336	1344	1369	rBV2	112544	485277	2.00%	0.647%
15	13.581	1760	1767	1776	rVB	29780	65406	0.27%	0.087%
16	14.116	1850	1858	1870	rBV	939948	1837761	7.58%	2.452%
17	14.398	1899	1906	1921	rBV	1275998	2255736	9.30%	3.009%
18	14.563	1930	1934	1944	rVB9	14539	29852	0.12%	0.040%
19	14.698	1950	1957	1976	rBV	1774090	2938482	12.12%	3.920%
20	15.033	2009	2014	2025	rBV3	70572	286189	1.18%	0.382%
21	15.704	2121	2128	2144	rBV	1458885	2785669	11.49%	3.716%
22	15.892	2154	2160	2178	rBV	158588	530637	2.19%	0.708%
23	16.075	2185	2191	2204	rBV	252213	497544	2.05%	0.664%
24	16.380	2239	2243	2254	rBV6	19513	57414	0.24%	0.077%
25	16.551	2268	2272	2277	rBV6	17625	27337	0.11%	0.036%
26	16.627	2281	2285	2294	rVB	72815	116028	0.48%	0.155%
27	16.845	2318	2322	2330	rBV5	19405	36580	0.15%	0.049%
28	17.175	2374	2378	2380	rBV	21053	29871	0.12%	0.040%
29	17.333	2401	2405	2412	rVB4	51984	83903	0.35%	0.112%
30	17.398	2413	2416	2420	rBV4	28867	41770	0.17%	0.056%
31	17.463	2421	2427	2439	rVV	1986355	3379470	13.94%	4.508%
32	17.569	2439	2445	2466	rVB2	1341013	2768676	11.42%	3.693%
33	17.910	2501	2503	2510	rVB5	24229	28243	0.12%	0.038%
34	18.063	2525	2529	2531	rBV5	22203	30133	0.12%	0.040%
35	18.092	2531	2534	2537	rVB2	22541	27021	0.11%	0.036%
36	18.198	2548	2552	2557	rBV2	45740	70367	0.29%	0.094%

LSC Area Percent Report

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	18.257	2557	2562	2567	rBV	195760	299480	1.23%	0.400%
38	18.316	2567	2572	2582	rBV	1612055	2333770	9.62%	3.113%
39	19.180	2717	2719	2723	rBV	40928	46606	0.19%	0.062%
40	19.398	2753	2756	2758	rBV3	102908	140677	0.58%	0.188%
41	19.421	2758	2760	2762	rVV2	95860	106000	0.44%	0.141%
42	19.533	2775	2779	2790	rBV	450912	732011	3.02%	0.977%
43	19.792	2818	2823	2837	rBV	1979771	3348380	13.81%	4.467%
44	20.263	2900	2903	2907	rBV2	105901	143912	0.59%	0.192%
45	21.198	3059	3062	3064	rBV2	197495	226391	0.93%	0.302%
46	21.233	3064	3068	3073	rVB	493909	744252	3.07%	0.993%
47	21.551	3117	3122	3133	rBV	1619819	2848736	11.75%	3.800%
48	22.115	3216	3218	3224	rVB	325159	375906	1.55%	0.501%
49	23.215	3401	3405	3413	rVB	690003	1147041	4.73%	1.530%
50	23.927	3521	3526	3541	rVB2	1010187	2235939	9.22%	2.983%
51	24.092	3549	3554	3570	rVB	1118538	2668955	11.01%	3.560%
52	24.645	3644	3648	3658	rVB	836249	1771522	7.31%	2.363%
53	26.092	3888	3894	3906	rVB	981625	2599754	10.72%	3.468%
54	28.745	4335	4345	4361	rVB2	6140226	24250520	100.00%	32.350%

Sum of corrected areas: 74962646

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ClientSampleId :
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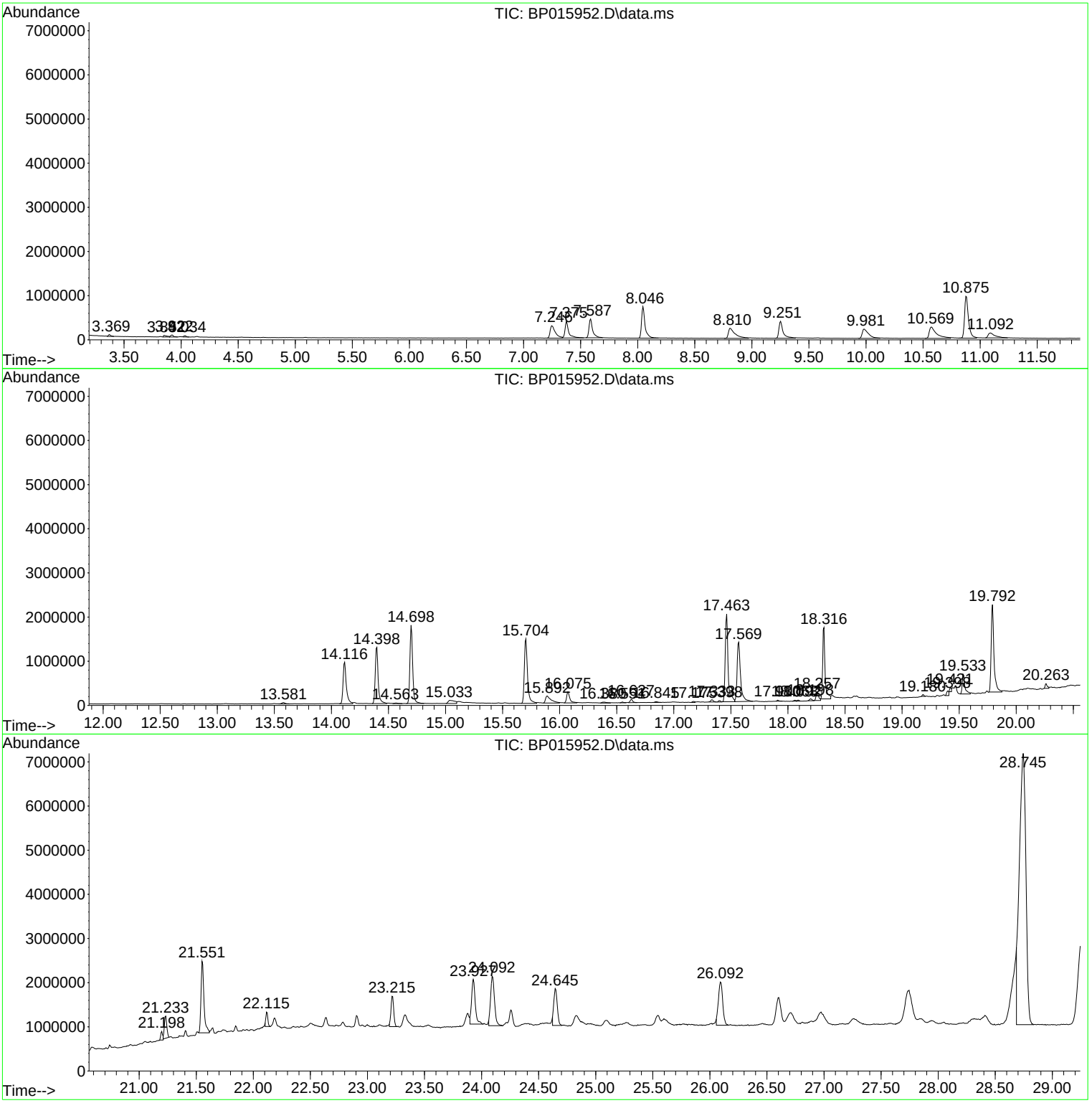
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP015952.D
Acq On : 03 Jul 2023 15:38
Operator : MA/JU
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Quant Title : SVOA CALIBRATION

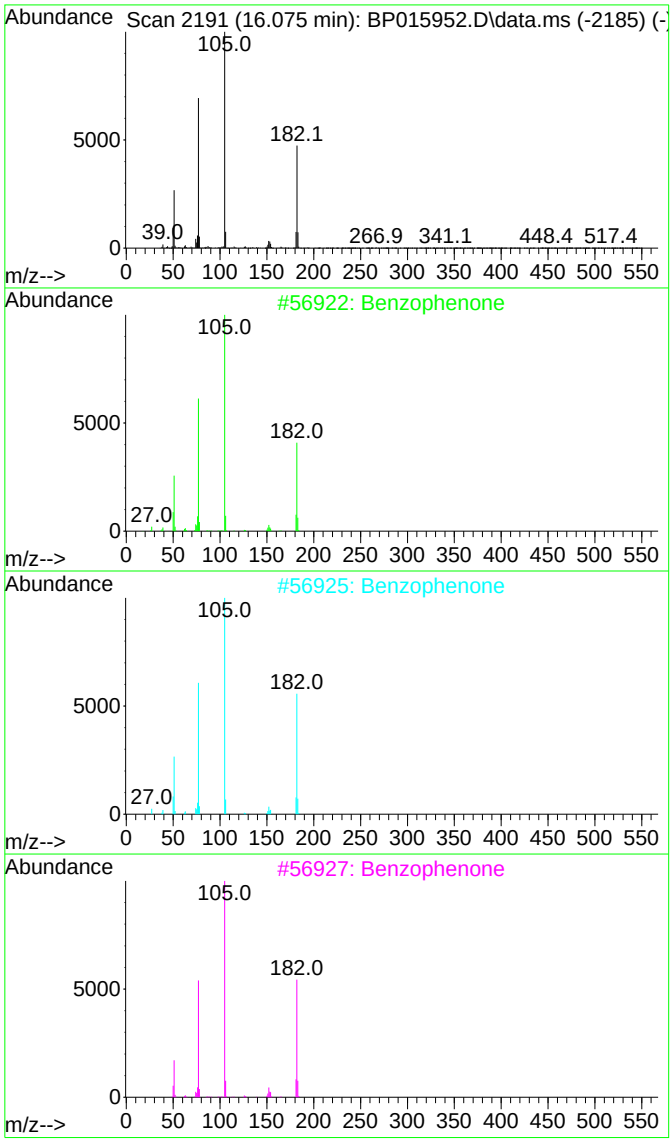
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

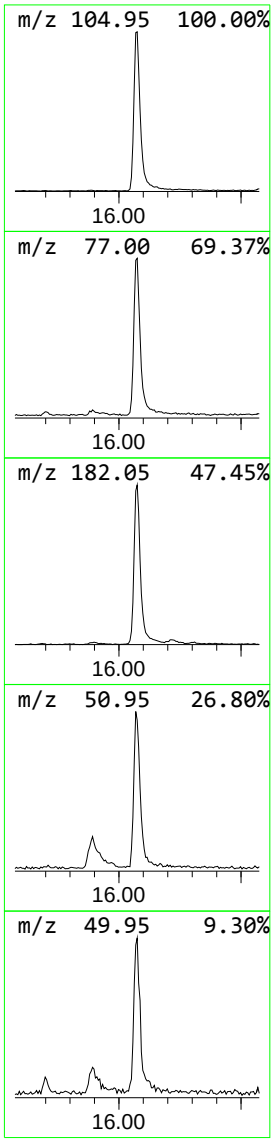
****

Peak Number 1 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.075	3.39 ng/ul	497544	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





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Data File : BP015952.D
Acq On : 03 Jul 2023 15:38
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

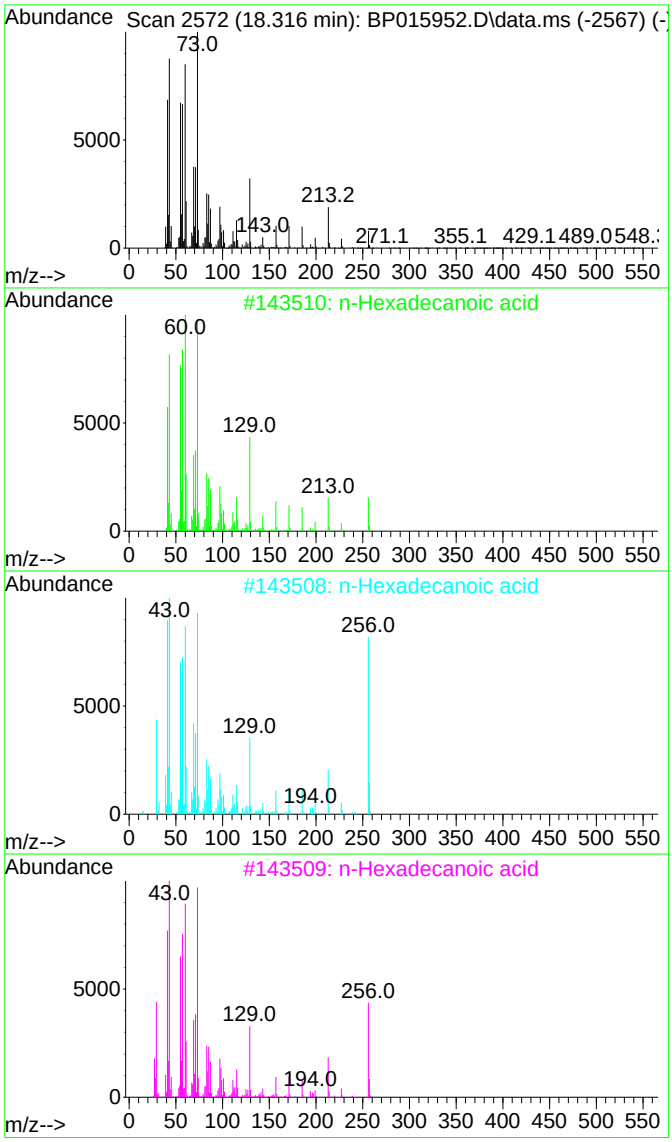
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

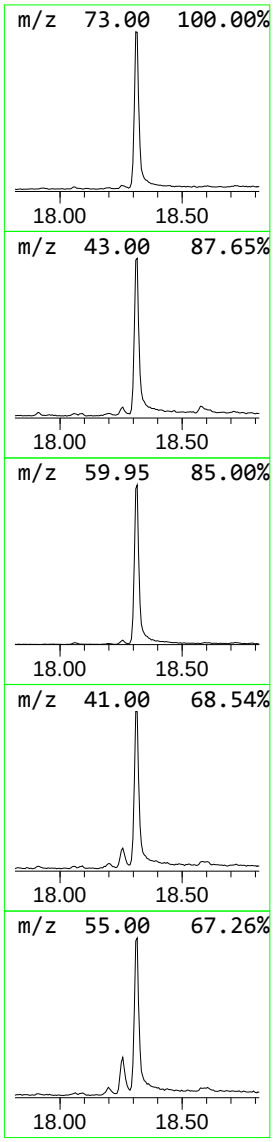
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	13.81 ng/ul	2333770	Phenanthrene-d10	17.463

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96





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Acq On : 03 Jul 2023 15:38
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

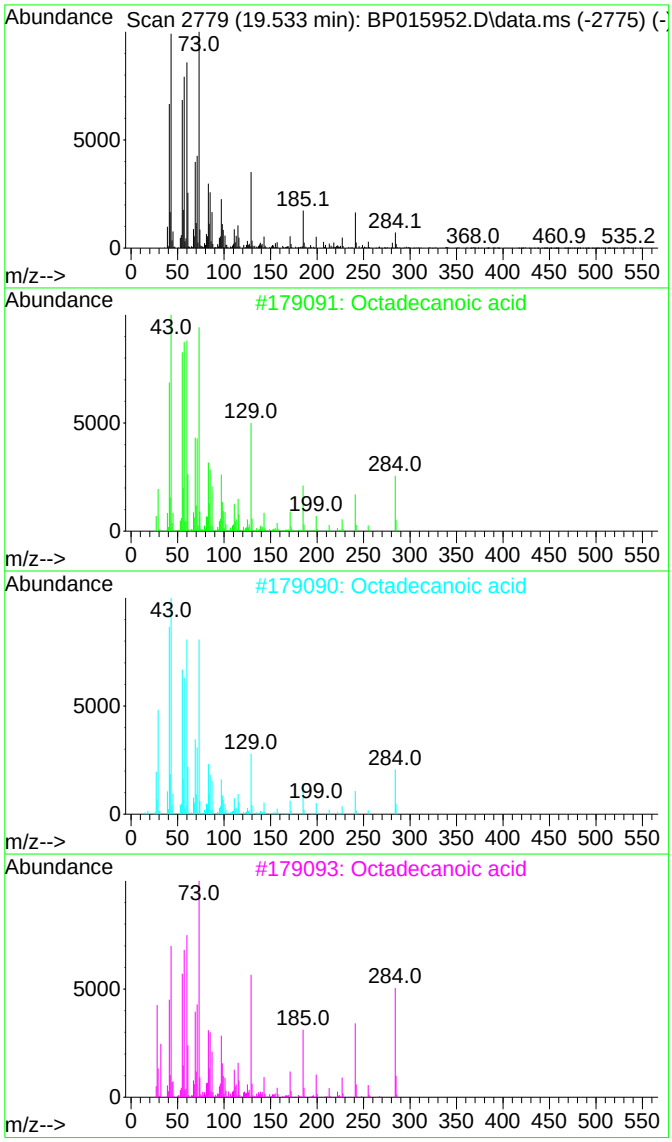
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

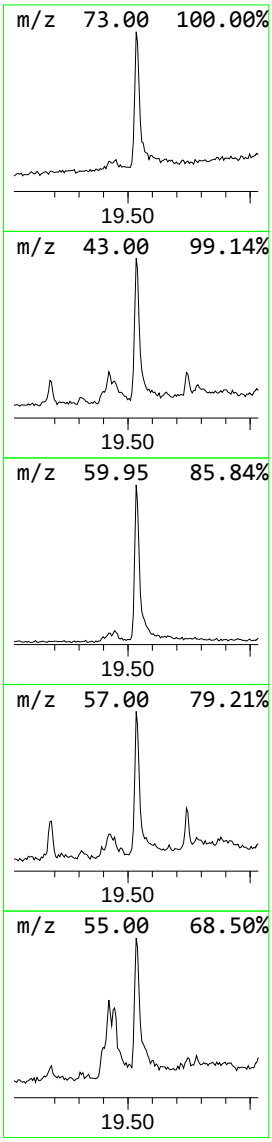
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	5.14 ng/ul	732011	Chrysene-d12	21.551

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	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015952.D
Acq On : 03 Jul 2023 15:38
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

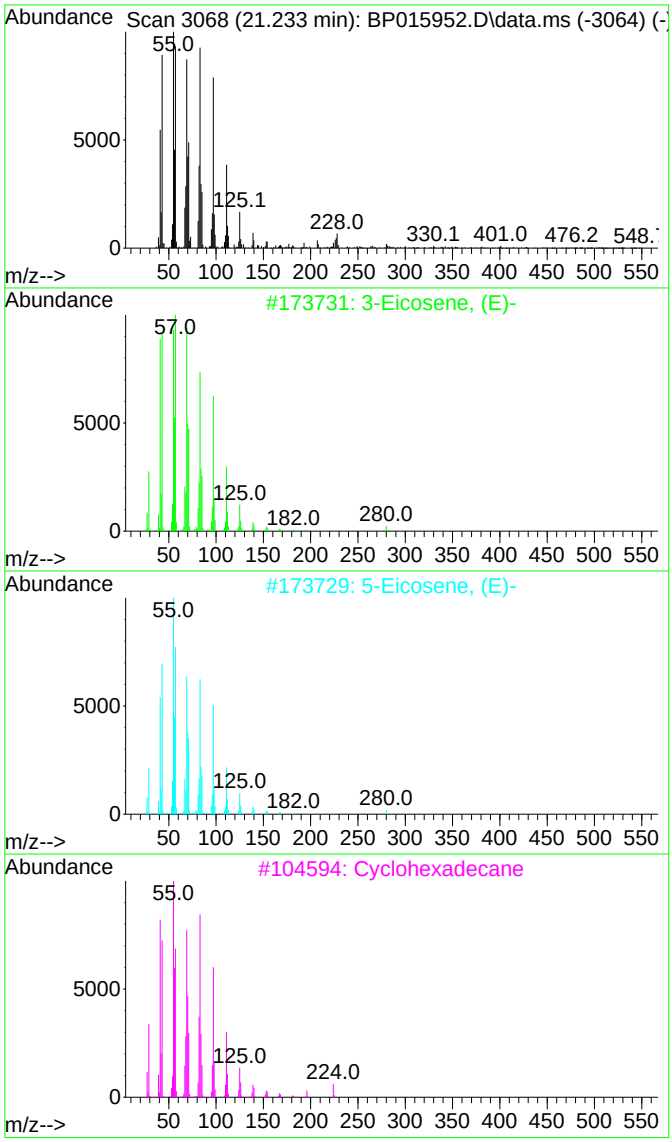
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

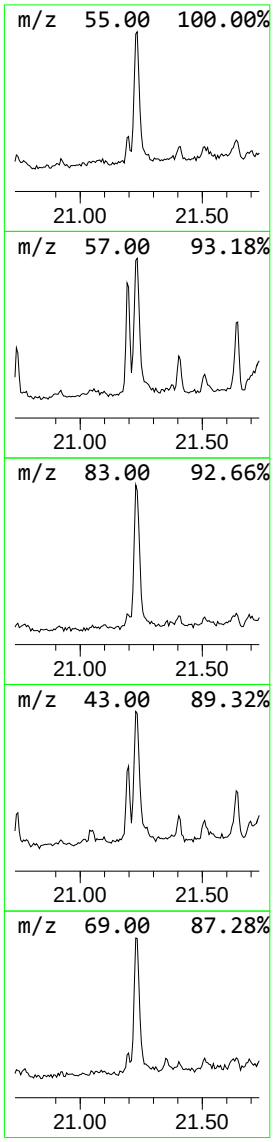
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	5.23 ng/ul	744252	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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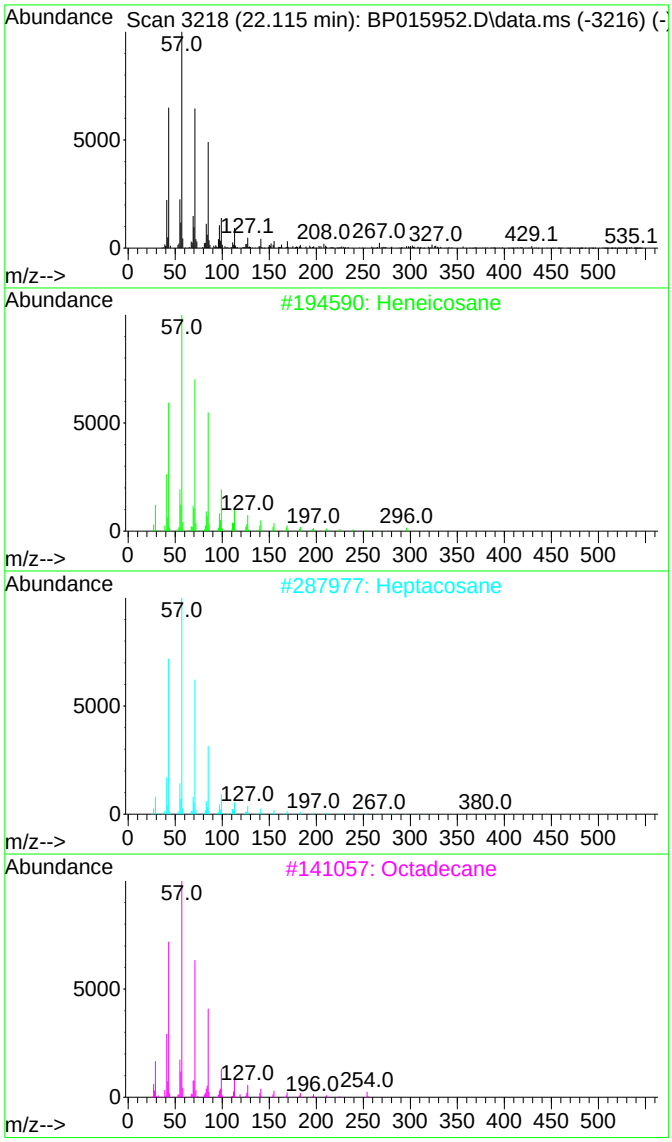
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

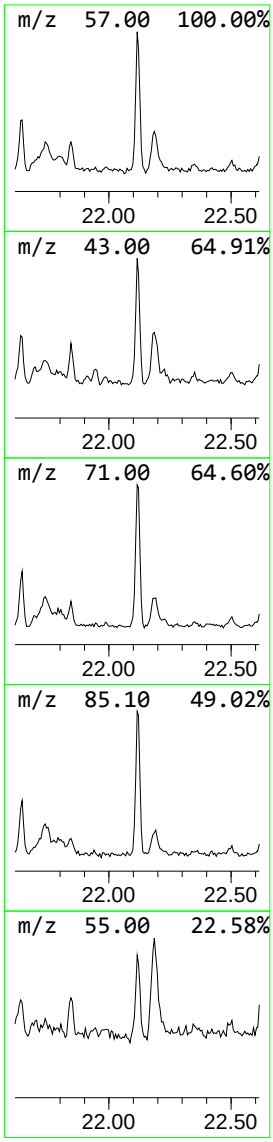
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.115	2.64 ng/ul	375906	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptacosane	380	C27H56	000593-49-7	96
3	Octadecane	254	C18H38	000593-45-3	94
4	Octacosane	394	C28H58	000630-02-4	90
5	4-Methylheneicosane	310	C22H46	025117-29-7	87





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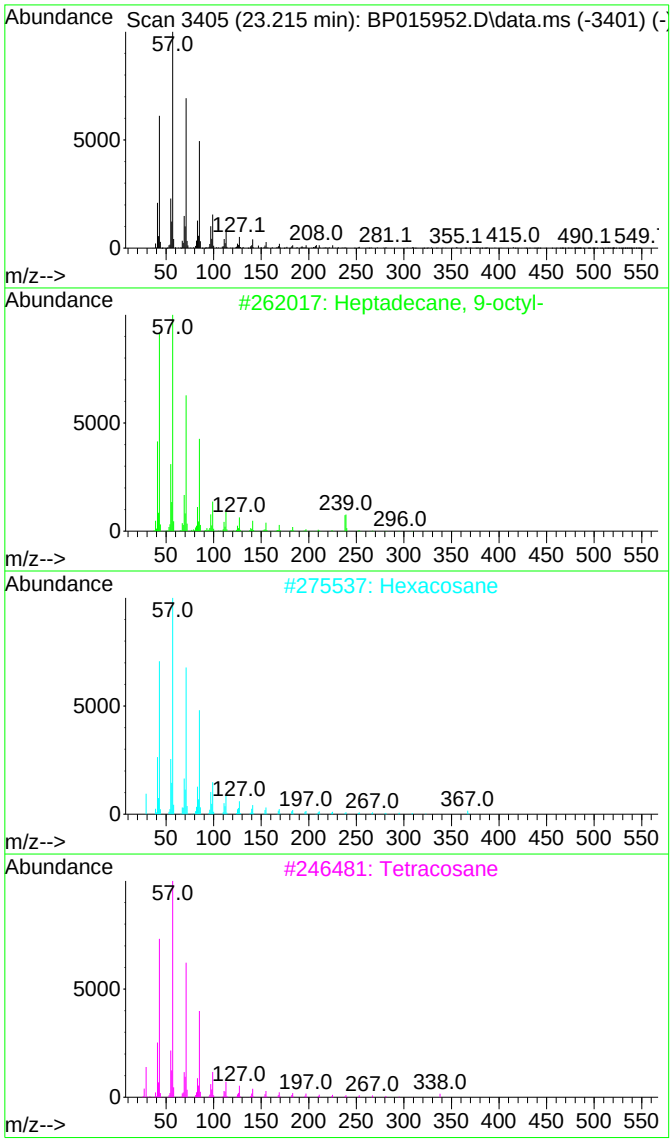
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

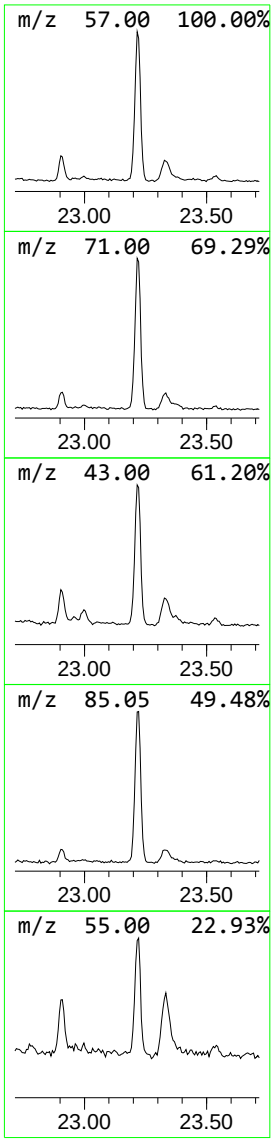
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.215	8.60 ng/ul	1147040	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





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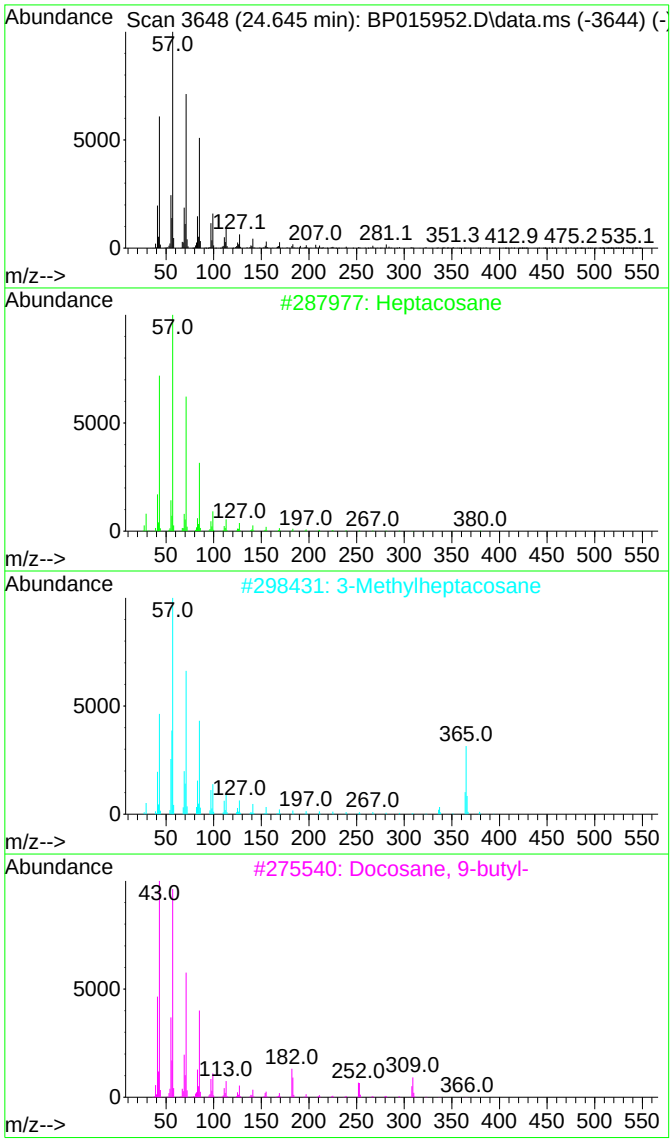
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

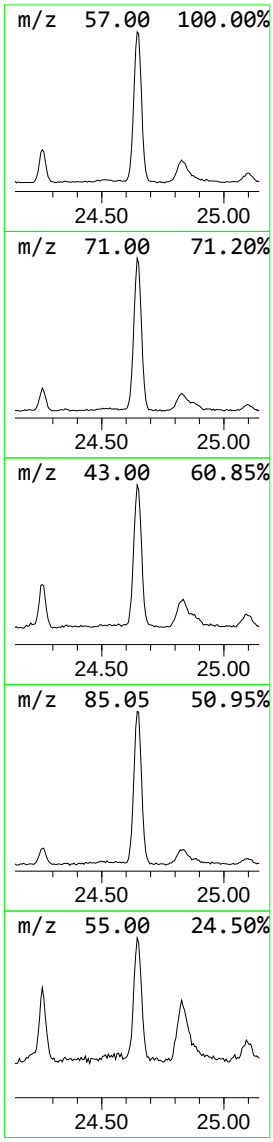
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	13.28 ng/ul	1771520	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	3-Methylheptacosane	394	C28H58	014167-66-9	95
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

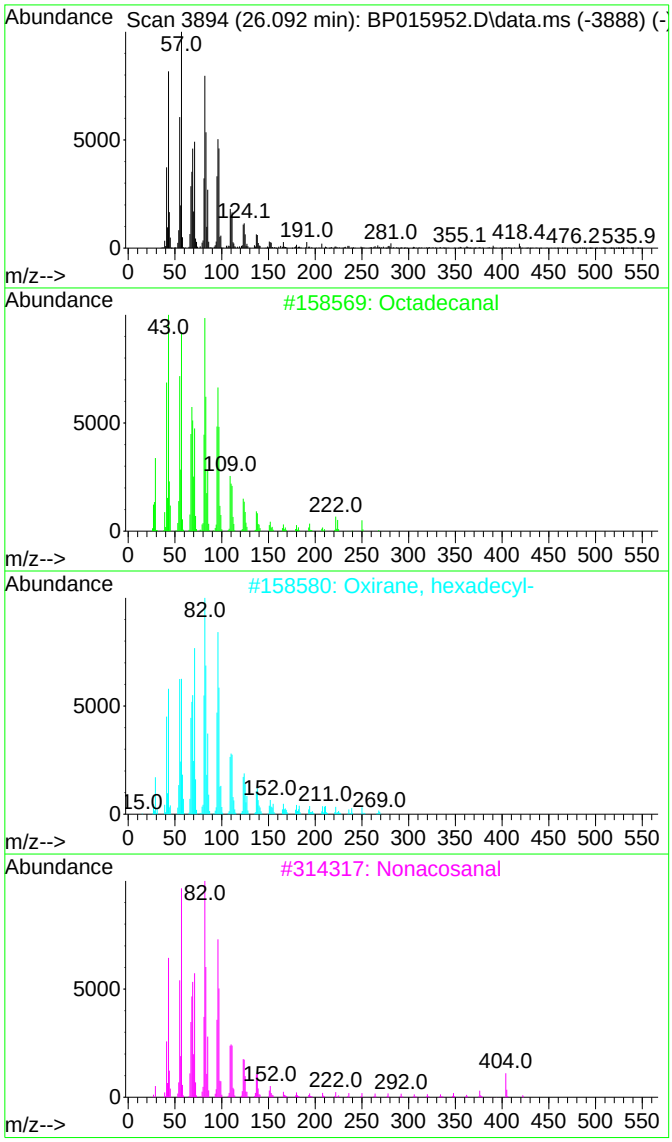
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

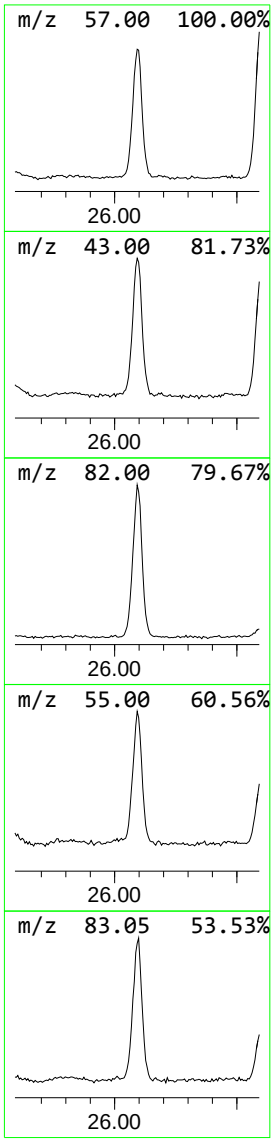
****

Peak Number 8 Octadecanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.092	19.48 ng/ul	2599750	Perylene-d12	24.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Nonacosanal	422	C29H58O	072934-04-4	91
4	Hexacosanal	380	C26H52O	026627-85-0	90
5	Heptacosanal	394	C27H54O	072934-03-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015952.D
Acq On : 03 Jul 2023 15:38
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

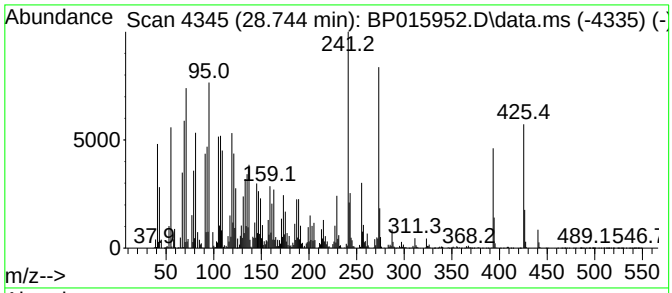
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

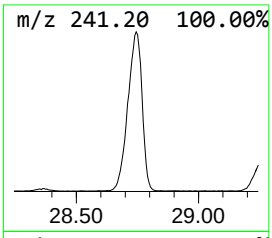
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

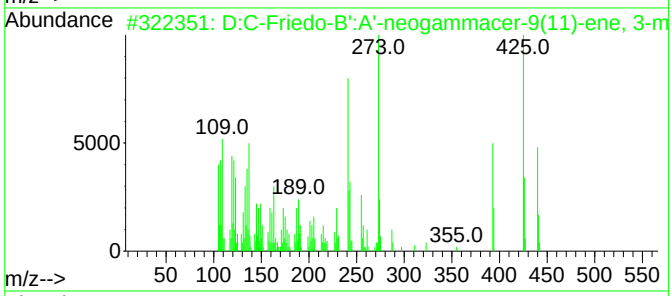
****
Peak Number 9 D:C-Friedo-B':A'-neogammace... Concentration Rank 1

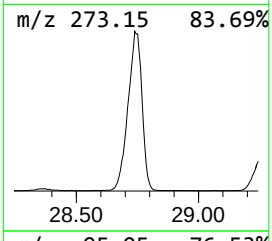
R.T.	EstConc	Area	Relative to ISTD	R.T.
28.744	181.72 ng/ul	24250500	Perylene-d12	24.092

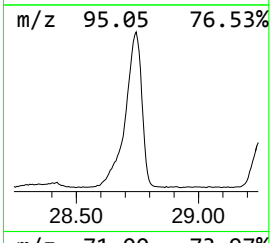
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	64
2	9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	41
3	Undec-10-ynoic acid, 2,7-dimethy...	316	C21H32O2	1000406-96-7	27
4	9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	20
5	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	18

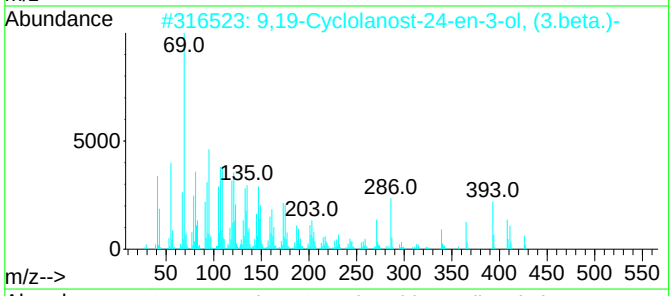


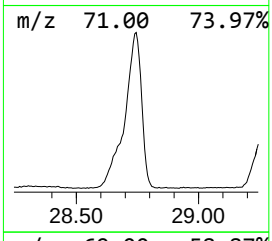


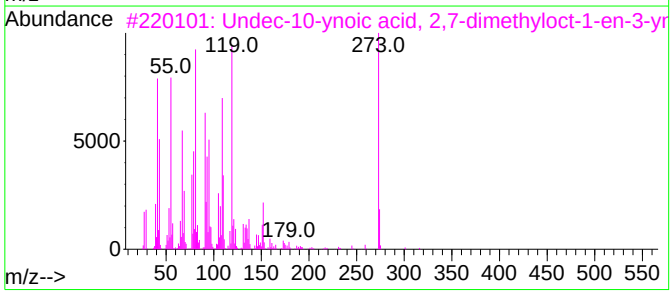


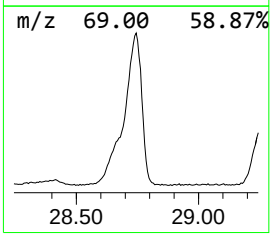












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015952.D
Acq On : 03 Jul 2023 15:38
Operator : MA/JU
Sample : 03239-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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
Benzophenone	16.075	3.4	ng/ul	497544	3	14.698	2938480	20.0
n-Hexadecanoic ...	18.316	13.8	ng/ul	2333770	4	17.463	3379470	20.0
Octadecanoic acid	19.533	5.1	ng/ul	732011	5	21.551	2848740	20.0
(DEL) Alkane: S...	21.233	5.2	ng/ul	744252	5	21.551	2848740	20.0
(DEL) Alkane: S...	22.115	2.6	ng/ul	375906	5	21.551	2848740	20.0
(DEL) Alkane: S...	23.215	8.6	ng/ul	1147040	6	24.092	2668960	20.0
(DEL) Alkane: S...	24.645	13.3	ng/ul	1771520	6	24.092	2668960	20.0
Octadecanal	26.092	19.5	ng/ul	2599750	6	24.092	2668960	20.0
D:C-Friedo-B':A...	28.744	181.7	ng/ul	24250500	6	24.092	2668960	20.0