LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFT4

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: BP015780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.381	30	33	38	rVB	30168	37555	0.22%	0.076%
2	4.052	143	147	153	rVB	22853	32316	0.19%	0.065%
3	4.152	160	164	173	rVB	40124	61090	0.36%	0.123%
4	6.705	591	598	604	rBV2	22591	37514	0.22%	0.075%
5	7.240	681	689	709	rBV	195039	566174	3.29%	1.139%
6	7.387	709	714	725	rVV	269763	513458	2.98%	1.033%
7	7.475	725	729	736	rVB	35287	61973	0.36%	0.125%
8	7.593	742	749	767	rBV	337059	661720	3.85%	1.331%
9	8.064	821	829	846	rBV	479057	986644	5.74%	1.985%
10	8.805	947	955	974	rBV2	142240	443406	2.58%	0.892%
11	9.258	1025	1032	1052	rBV	251335	611226	3.55%	1.230%
12	9.981	1149	1155	1174	rBV	169933	510329	2.97%	1.027%
13	10.187	1181	1190	1197	rVB	8817	27446	0.16%	0.055%
14	10.563	1247	1254	1280	rBV	152992	609915	3.55%	1.227%
15	10.893	1302	1310	1322	rBV	568674	1214308	7.06%	2.443%
16	11.093	1337	1344	1369	rBV2	51985	201496	1.17%	0.405%
17	13.587	1761	1768	1779	rVB3	17370	37627	0.22%	0.076%
18	14.122	1853	1859	1873	rBV	538030	983865	5.72%	1.980%
19	14.410	1900	1908	1923	rBV	703217	1223576	7.11%	2.462%
20	14.528	1924	1928	1933	rVB8	14008	23329	0.14%	0.047%
21	14.710	1953	1959	1976	rBV	886490	1423694	8.28%	2.865%
22	14.940	1992	1998	2002	rBV7	11041	18150	0.11%	0.037%
23	15.040	2007	2015	2025	rBV8	26418	112126	0.65%	0.226%
24	15.610	2108	2112	2121	rVB9	19178	28812	0.17%	0.058%
25	15.710	2122	2129	2148	rBV	778495	1466689	8.53%	2.951%
26	15.887	2153	2159	2175	rBV3	88466	272286	1.58%	0.548%
27	16.081	2186	2192	2201	rBV	265902	462913	2.69%	0.931%
28	16.269	2219	2224	2228	rBV7	16354	25662	0.15%	0.052%
29	16.422	2242	2250	2256	rVB7	10323	29814	0.17%	0.060%
30	16.640	2281	2287	2292	rBV	47788	79149	0.46%	0.159%
31	16.963	2338	2342	2346	rBV3	16379	24585	0.14%	0.049%
32	17.351	2404	2408	2415	rBV8	18750	32898	0.19%	0.066%
33	17.416	2415	2419	2423	rBV7	14555	23411	0.14%	0.047%
34	17.475	2423	2429	2441	rVV	915639	1552996	9.03%	3.125%
35	17.575	2441	2446	2461	rVB	701702	1308544	7.61%	2.633%
36	18.269	2560	2564	2568	rBV2	88985	114096	0.66%	0.230%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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	18.322	2569	2573	2583	rBV	589775	881527	5.12%	1.774%
38	19.410	2755	2758	2760	rBV3	57040	64990	0.38%	0.131%
39	19.439	2760	2763	2765	rVV3	40274	53396	0.31%	0.107%
40	19.551	2778	2782	2792	rBV	178093	289360	1.68%	0.582%
41	19.798	2819	2824	2837	rBV	1283573	1991411	11.58%	4.007%
42	21.233	3062	3068	3075	rBV3	312797	602915	3.50%	1.213%
43	21.563	3119	3124	3133	rBV	1126255	1706583	9.92%	3.434%
44	22.139	3219	3222	3226	rBV	219571	240931	1.40%	0.485%
45	22.933	3354	3357	3361	rVB	247222	332047	1.93%	0.668%
46	23.251	3406	3411	3417	rVB	612703	1006140	5.85%	2.024%
47	23.333	3421	3425	3436	rVB3	372663	829308	4.82%	1.669%
48	23.933	3522	3527	3545	rVB2	903715	2267695	13.18%	4.563%
49	24.104	3550	3556	3569	rVB	842805	1963123	11.41%	3.950%
50	24.686	3649	3655	3666	rVB	947720	2101045	12.21%	4.227%
51	26.139	3897	3902	3914	rVB3	573255	1459339	8.48%	2.936%
52	26.657	3986	3990	3997	rVB	432698	887431	5.16%	1.786%
53	28.798	4344	4354	4371	rVB2	4295815	17203267	100.00%	34.613%

Sum of corrected areas: 49701300

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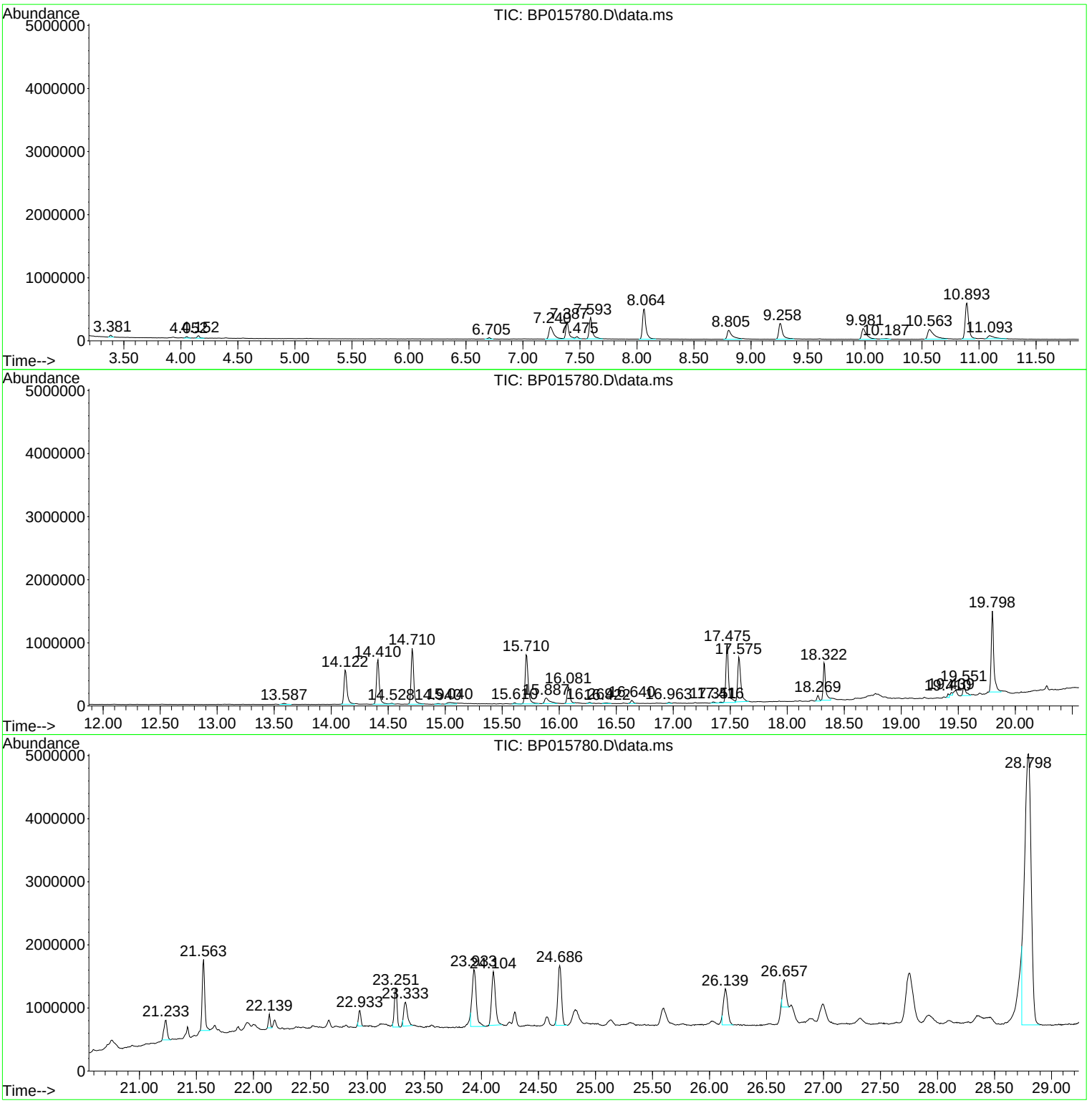
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

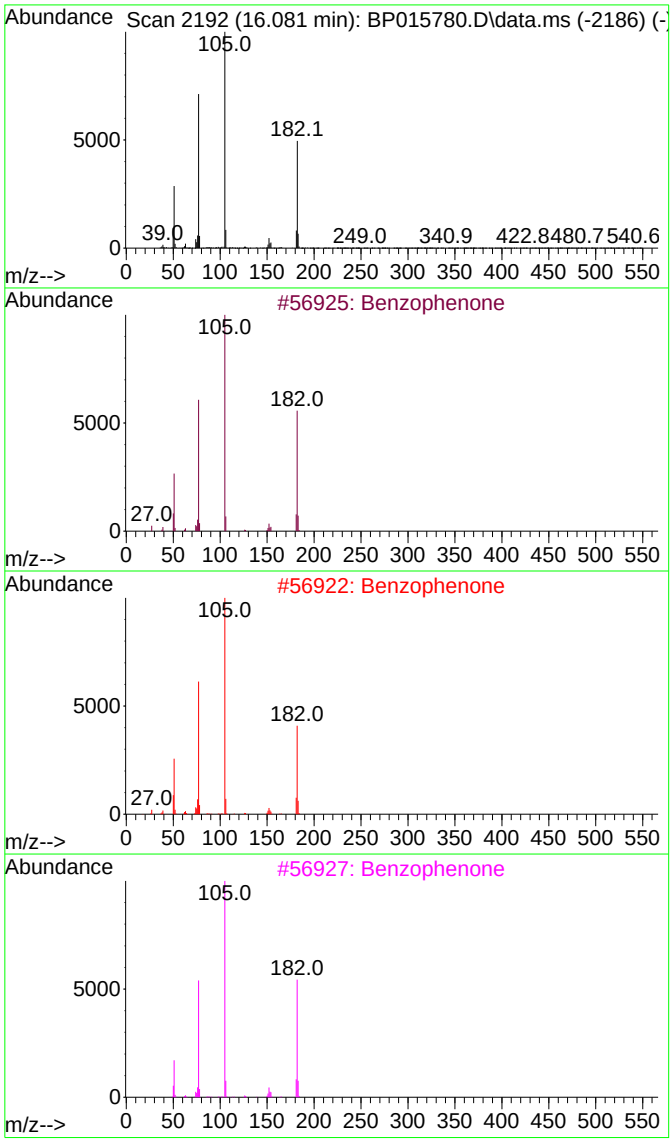
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

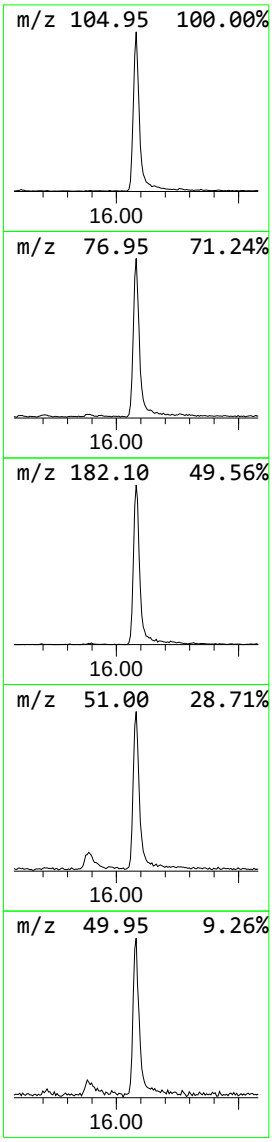
****

Peak Number 1 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.081	6.50 ng/ul	462913	Acenaphthene-d10	14.710

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	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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

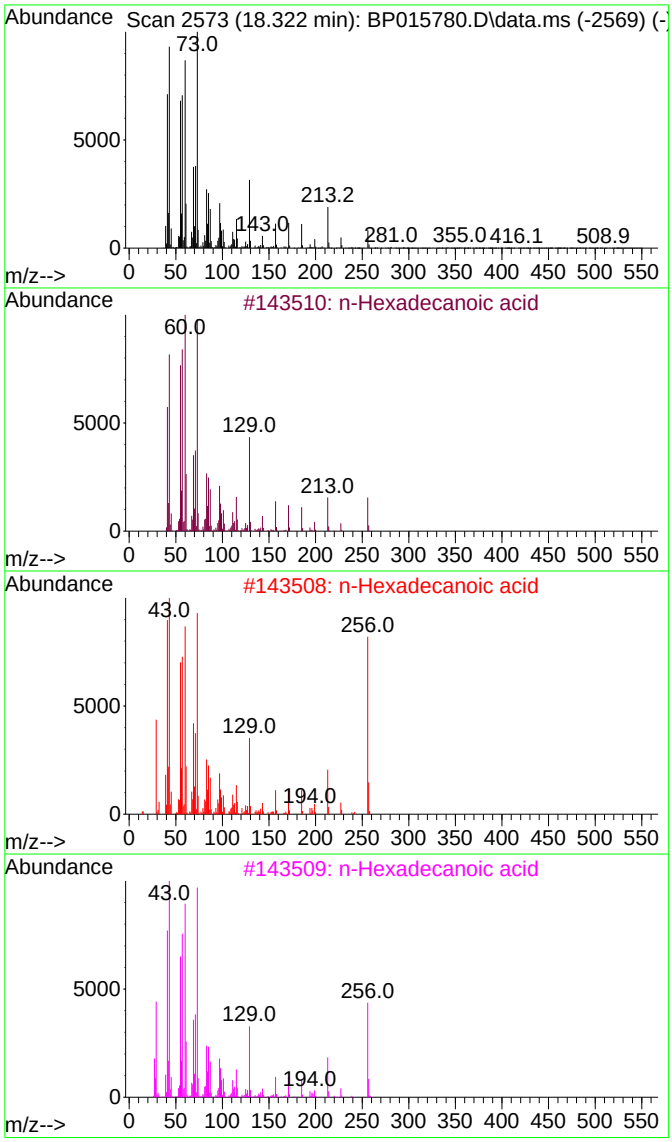
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

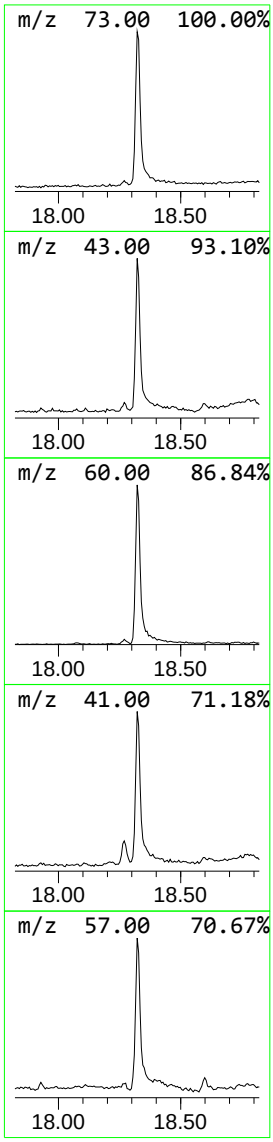
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	11.35 ng/ul	881527	Phenanthrene-d10	17.475

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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

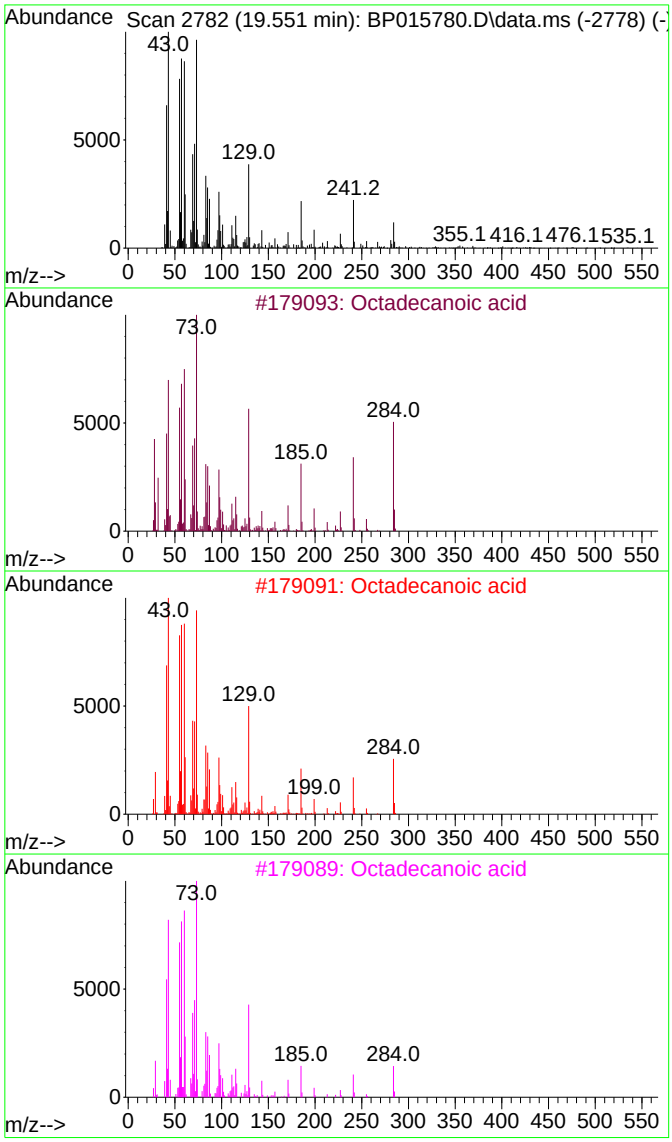
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

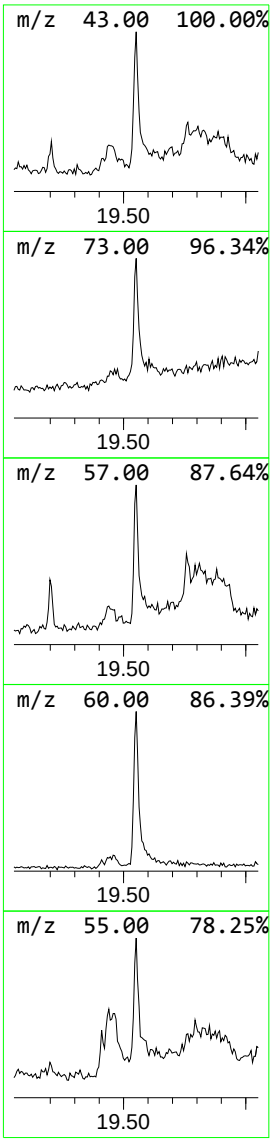
****

Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.551	3.39 ng/ul	289360	Chrysene-d12	21.563

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	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

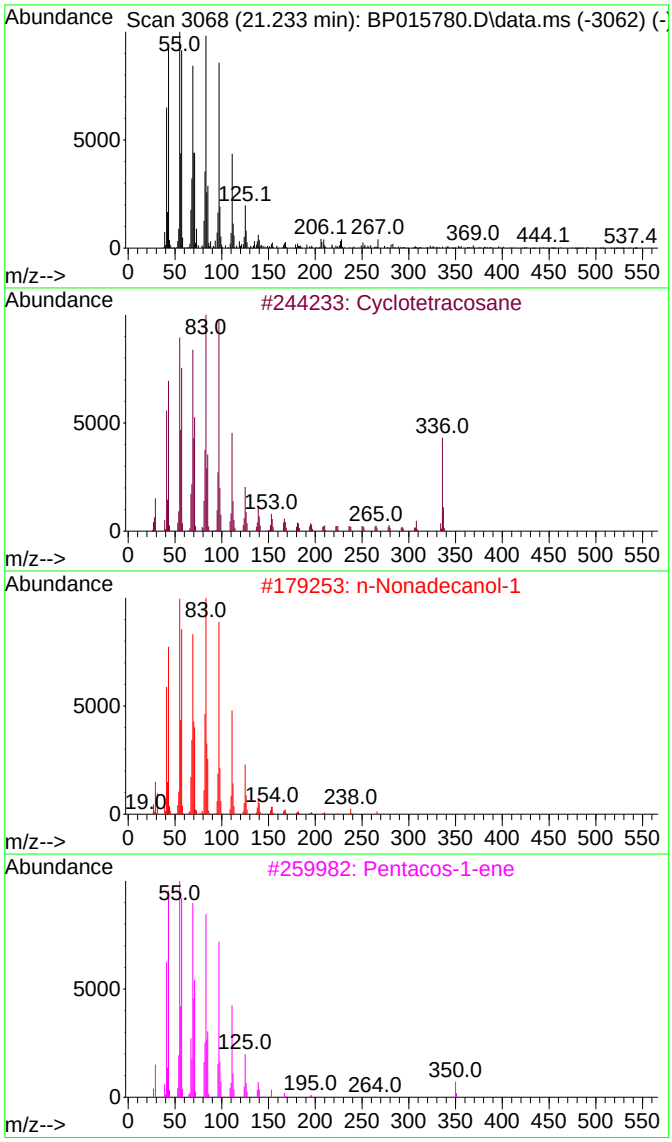
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

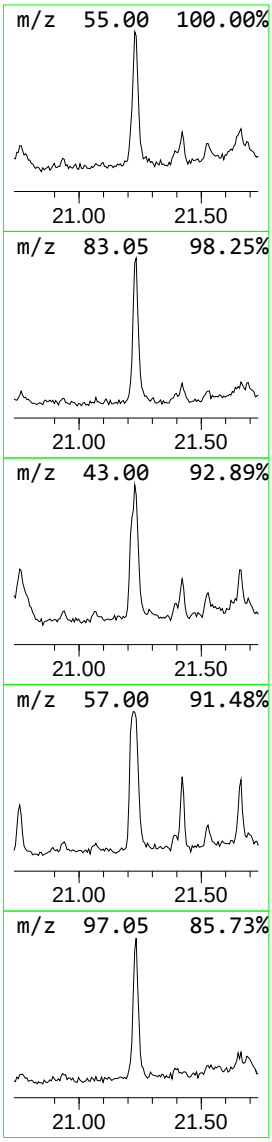
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.233 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	7.07 ng/ul	602915	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

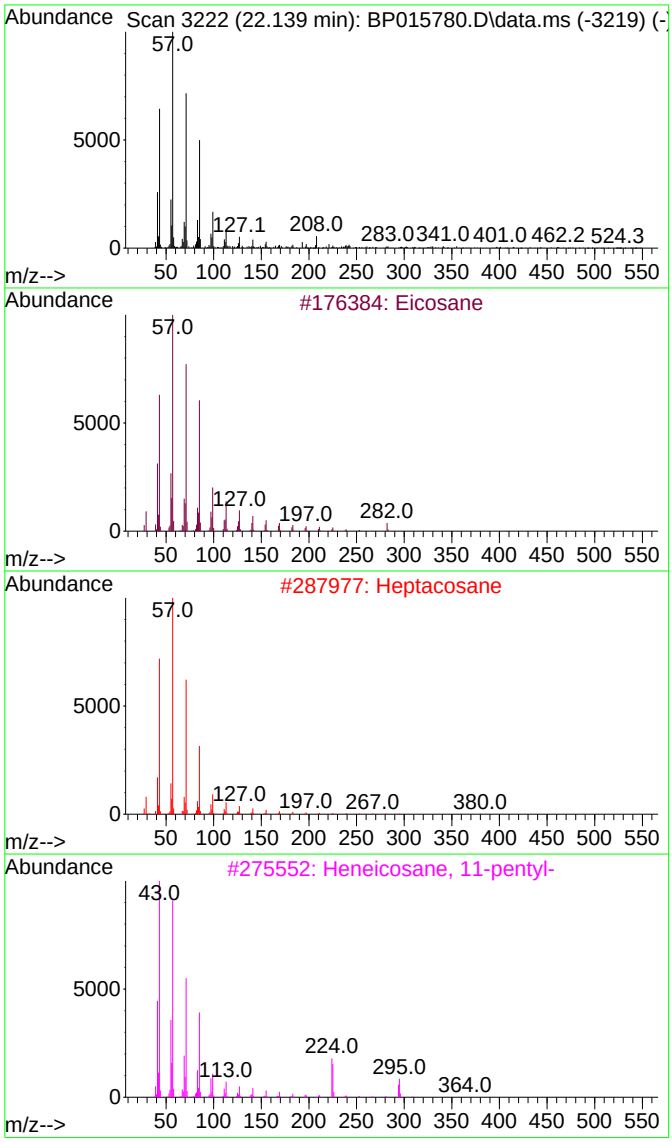
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

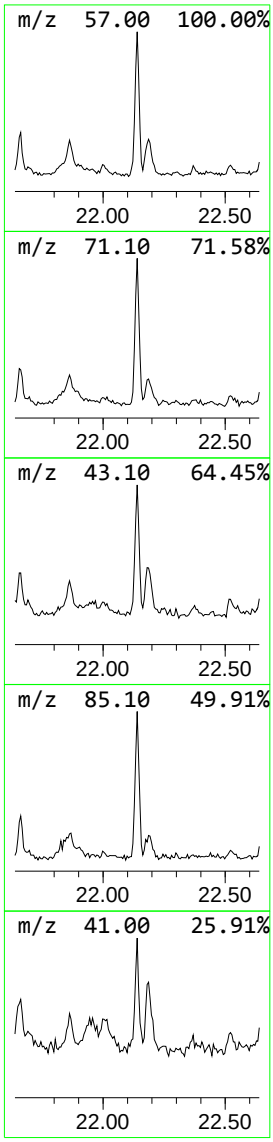
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.139	2.82 ng/ul	240931	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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

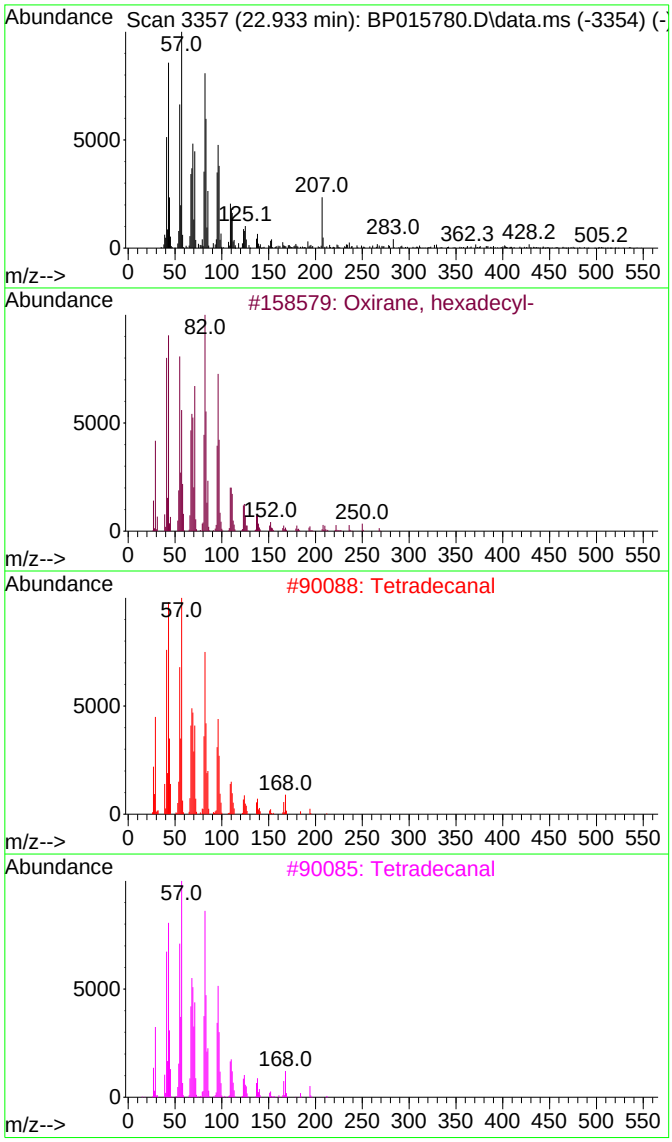
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

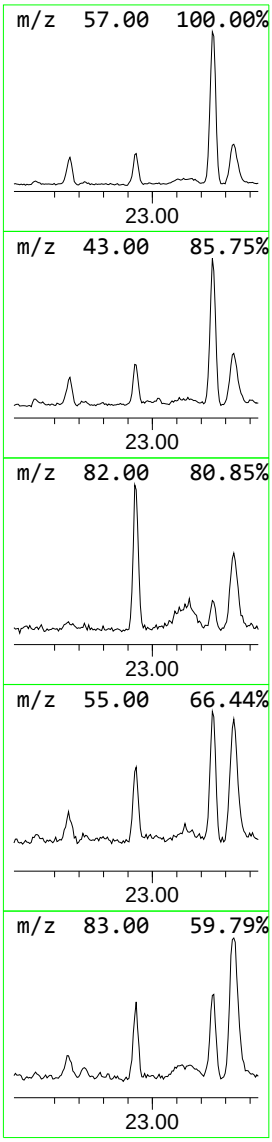
****

Peak Number 6 Oxirane, hexadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.933	3.38 ng/ul	332047	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Tetradecanal	212	C14H28O	000124-25-4	93
3	Tetradecanal	212	C14H28O	000124-25-4	93
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octacosanal	408	C28H56O	022725-64-0	87





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Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

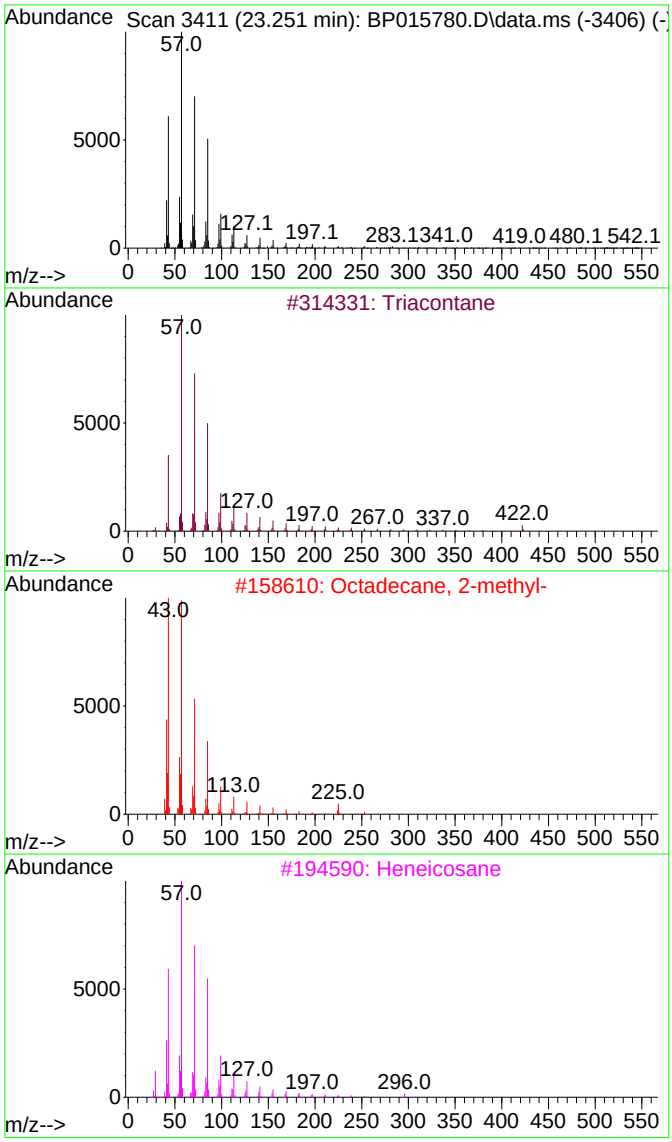
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

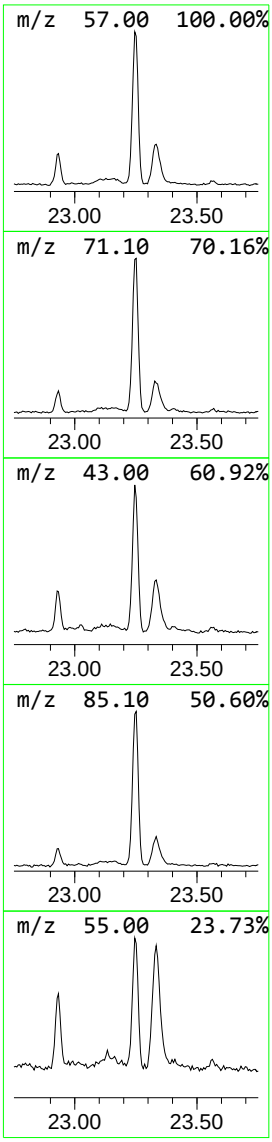
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.251	10.25 ng/ul	1006140	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	96
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

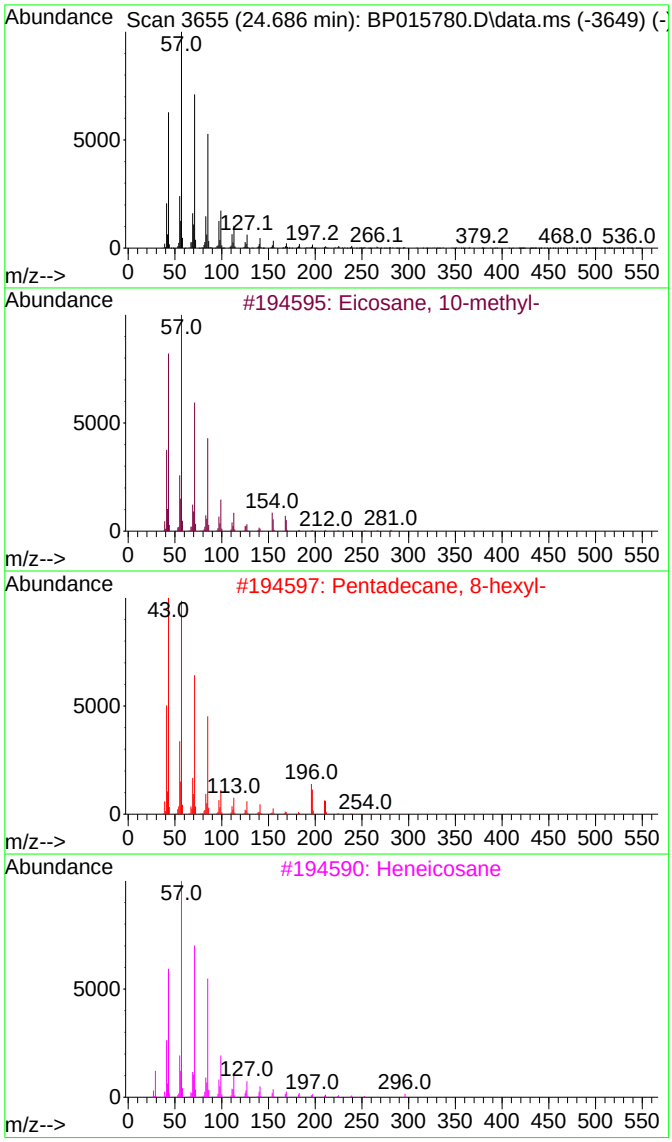
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

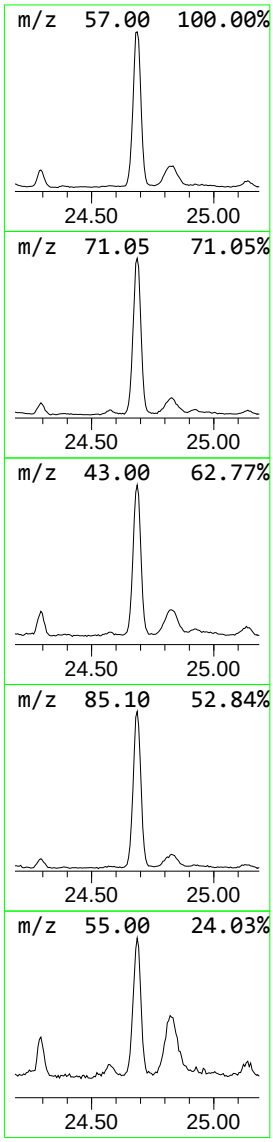
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.686	21.41 ng/ul	2101050	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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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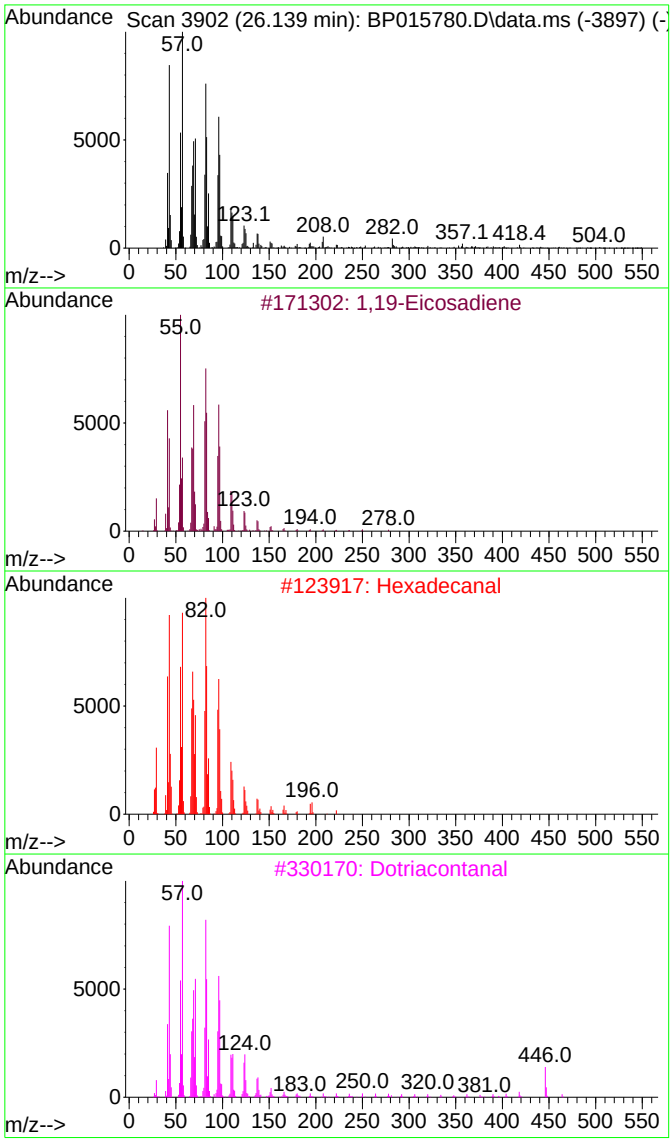
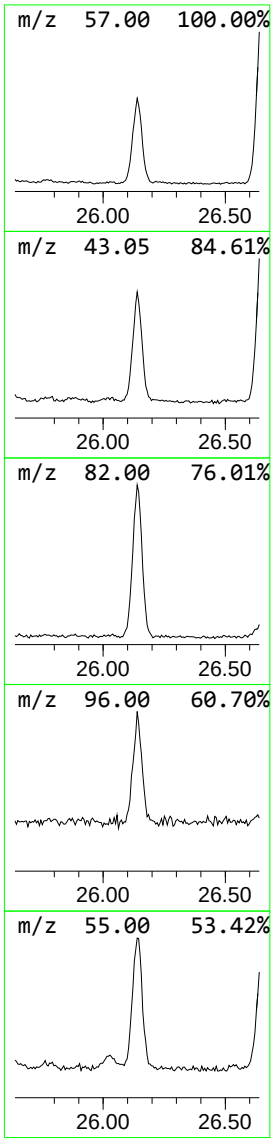
Peak Number 9 1,19-Eicosadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.139	14.87 ng/ul	1459340	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Hexadecanal	240	C16H32O	000629-80-1	93
3	Dotriacontanal	464	C32H64O	057878-00-9	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octacosanal	408	C28H56O	022725-64-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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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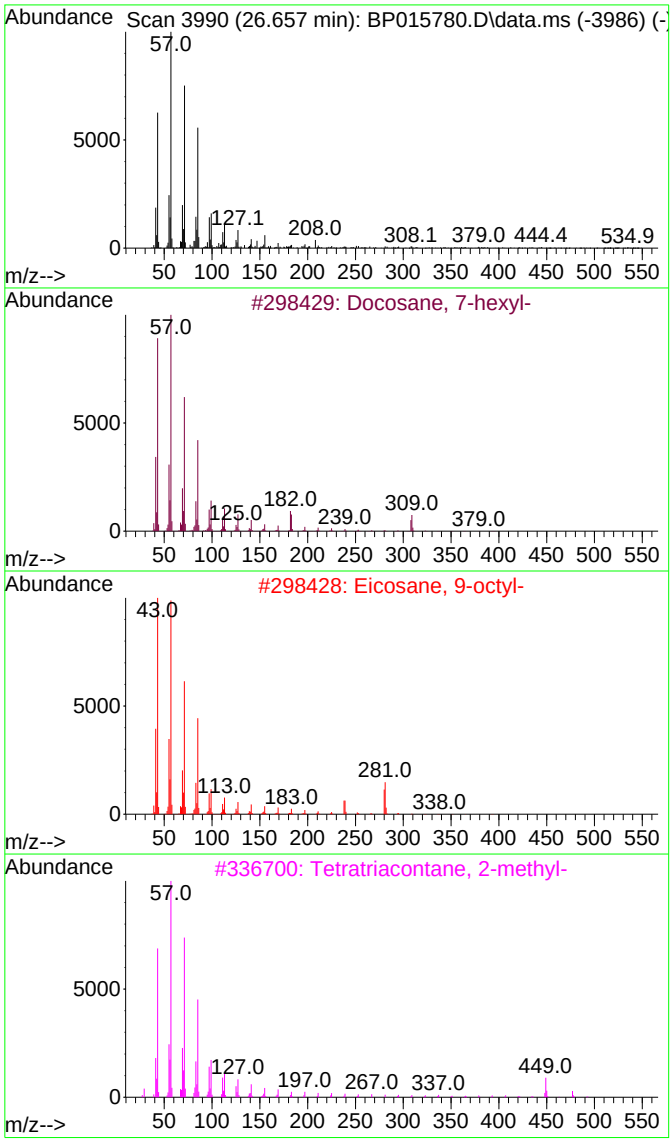
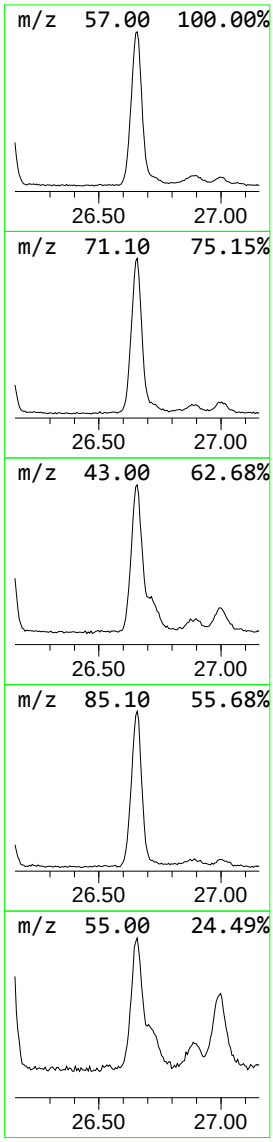
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.657	9.04 ng/ul	887431	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	91
4	2-Methyltetracosane	352	C25H52	001560-78-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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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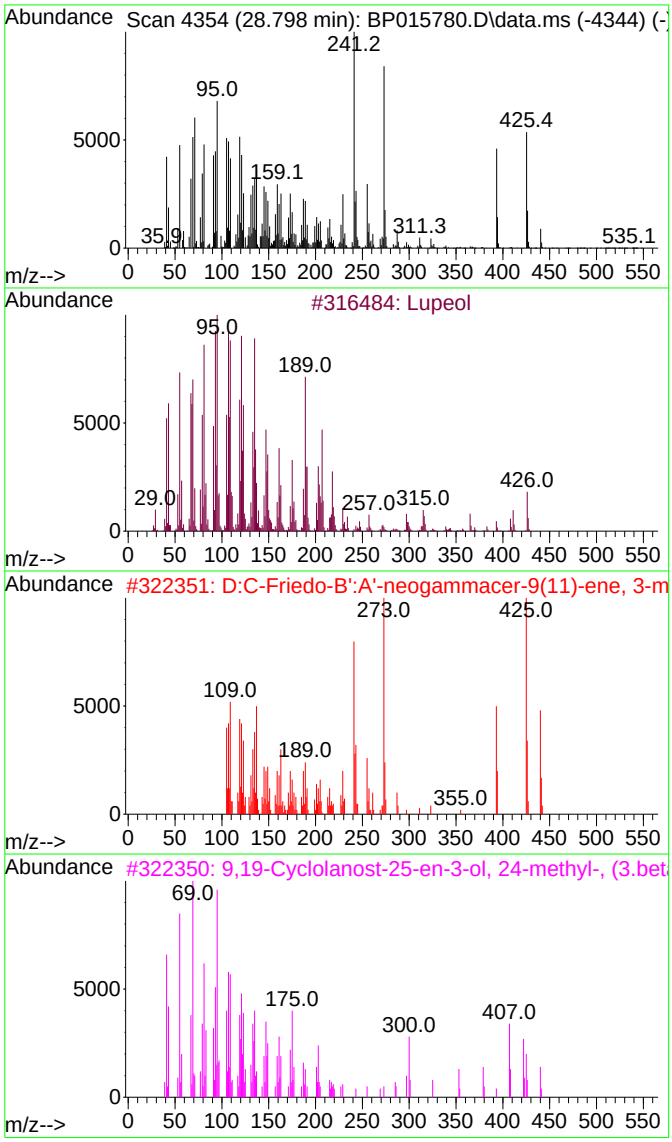
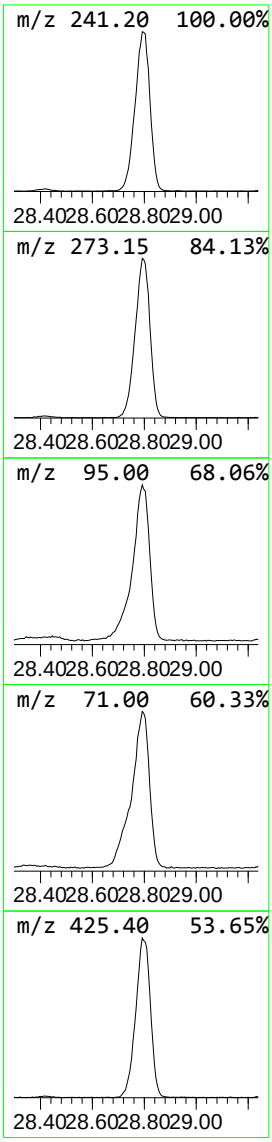
Peak Number 11 Lupeol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.798	175.26 ng/ul	17203300	Perylene-d12	24.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	53
2	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	43
3	9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	35
4	2-Amino-.alpha.-[2-chlorophenyl]...	273	C15H12ClNO2	1000254-08-5	25
5	.beta.-Alanine, N-(2-furoyl)-, p...	393	C23H39NO4	1000321-98-4	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
Data File : BP015780.D
Acq On : 28 Jun 2023 15:32
Operator : MA/JU
Sample : 03142-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFT4

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	16.081	6.5	ng/ul	462913	3	14.710	1423690	20.0
n-Hexadecanoic ...	18.322	11.4	ng/ul	881527	4	17.475	1553000	20.0
Octadecanoic acid	19.551	3.4	ng/ul	289360	5	21.563	1706580	20.0
(DEL) Alkane: C...	21.233	7.1	ng/ul	602915	5	21.563	1706580	20.0
(DEL) Alkane: S...	22.139	2.8	ng/ul	240931	5	21.563	1706580	20.0
Oxirane, hexade...	22.933	3.4	ng/ul	332047	6	24.104	1963120	20.0
(DEL) Alkane: S...	23.251	10.3	ng/ul	1006140	6	24.104	1963120	20.0
(DEL) Alkane: S...	24.686	21.4	ng/ul	2101050	6	24.104	1963120	20.0
1,19-Eicosadiene	26.139	14.9	ng/ul	1459340	6	24.104	1963120	20.0
(DEL) Alkane: S...	26.657	9.0	ng/ul	887431	6	24.104	1963120	20.0
Lupeol	28.798	175.3	ng/ul	17203300	6	24.104	1963120	20.0