LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

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: BP015922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	29	32	41	rVB	35433	53800	0.87%	0.119%
2	3.834	107	110	122	rBV	141199	239502	3.89%	0.531%
3	3.922	122	125	130	rVB	61829	80331	1.31%	0.178%
4	4.040	141	145	151	rVB	35798	58690	0.95%	0.130%
5	4.140	159	162	166	rVB3	14707	19011	0.31%	0.042%
6	4.910	291	293	298	rVB6	4954	6512	0.11%	0.014%
7	6.016	475	481	482	rBV6	3989	6742	0.11%	0.015%
8	7.251	680	691	707	rBV	252479	805306	13.09%	1.786%
9	7.381	707	713	731	rVB	296520	621413	10.10%	1.378%
10	7.587	742	748	767	rBV	371203	811943	13.19%	1.801%
11	8.051	818	827	848	rBV	695423	1499296	24.36%	3.325%
12	8.810	948	956	970	rBV	222174	763999	12.41%	1.694%
13	8.916	970	974	991	rVB	74267	202108	3.28%	0.448%
14	9.251	1023	1031	1051	rBV	315317	790191	12.84%	1.752%
15	9.981	1147	1155	1182	rBV2	182736	667906	10.85%	1.481%
16	10.375	1218	1222	1225	rBV6	5522	9211	0.15%	0.020%
17	10.569	1247	1255	1275	rBV	222207	880091	14.30%	1.952%
18	10.881	1300	1308	1327	rBV	1014684	2225500	36.16%	4.936%
19	11.075	1333	1341	1369	rBV2	164914	680598	11.06%	1.509%
20	13.075	1675	1681	1682	rBV5	10819	18025	0.29%	0.040%
21	13.169	1691	1697	1700	rBV8	12675	29229	0.47%	0.065%
22	13.498	1749	1753	1761	rBV9	8025	18375	0.30%	0.041%
23	13.581	1761	1767	1775	rVV	39703	81638	1.33%	0.181%
24	13.681	1778	1784	1792	rVV10	14401	30826	0.50%	0.068%
25	13.839	1808	1811	1818	rVV6	6232	13832	0.22%	0.031%
26	13.916	1822	1824	1830	rVB7	4360	7138	0.12%	0.016%
27	14.116	1852	1858	1878	rBV	760736	1502048	24.41%	3.331%
28	14.398	1899	1906	1922	rBV	1023931	1787314	29.04%	3.964%
29	14.569	1932	1935	1938	rVB5	10755	13379	0.22%	0.030%
30	14.698	1951	1957	1971	rBV	1612217	2762876	44.90%	6.127%
31	15.039	2007	2015	2027	rBV3	78252	340270	5.53%	0.755%
32	15.528	2094	2098	2102	rVB7	10992	18388	0.30%	0.041%
33	15.704	2121	2128	2145	rBV	1051766	2130677	34.62%	4.725%
34	15.898	2155	2161	2176	rBV3	84175	293167	4.76%	0.650%
35	16.080	2187	2192	2201	rBV	92882	163519	2.66%	0.363%
36	16.851	2320	2323	2325	rBV4	13005	19166	0.31%	0.043%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

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	17.339	2403	2406	2413	rBV9	16671	29079	0.47%	0.064%
38	17.463	2421	2427	2439	rBV	1620348	2872390	46.68%	6.370%
39	17.569	2440	2445	2466	rVB2	948976	2049358	33.30%	4.545%
40	18.257	2558	2562	2567	rBV	134453	206204	3.35%	0.457%
41	18.316	2567	2572	2583	rBV	836033	1328168	21.58%	2.946%
42	19.539	2776	2780	2787	rBV	236744	381168	6.19%	0.845%
43	19.792	2818	2823	2837	rVB	1398710	2343330	38.08%	5.197%
44	21.227	3064	3067	3075	rBV4	258932	568286	9.23%	1.260%
45	21.557	3118	3123	3127	rBV	1587838	3003728	48.81%	6.661%
46	21.933	3179	3187	3195	rBV2	2328143	6153856	100.00%	13.648%
47	23.227	3403	3407	3413	rVB	513425	826086	13.42%	1.832%
48	23.933	3523	3527	3537	rVB2	794968	1624782	26.40%	3.603%
49	24.104	3550	3556	3567	rVB	1050324	2637931	42.87%	5.850%
50	24.656	3645	3650	3658	rVB	663476	1414726	22.99%	3.137%

Sum of corrected areas: 45091109

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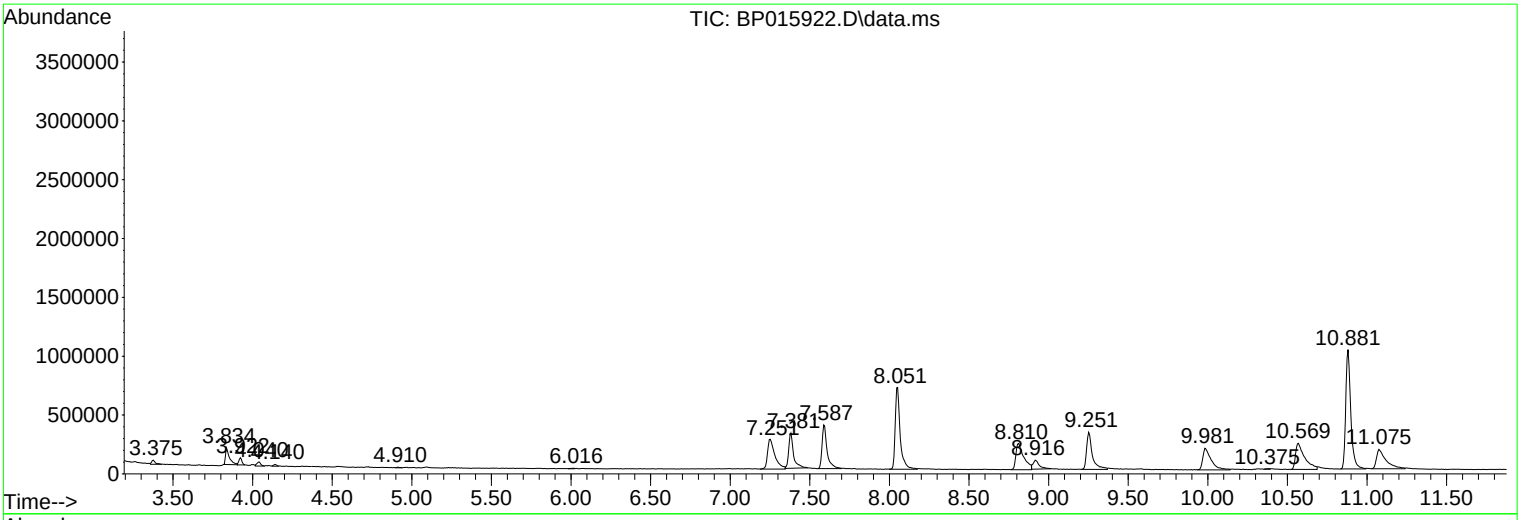
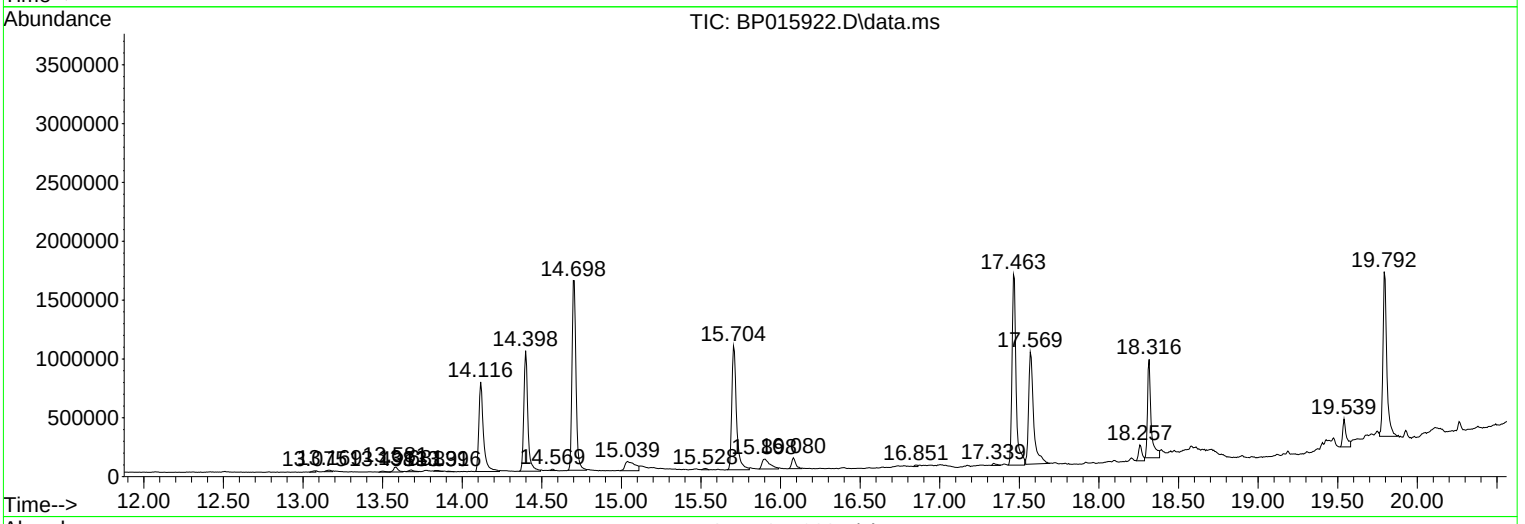
Misc :
ALS Vial : 89 Sample Multiplier: 1

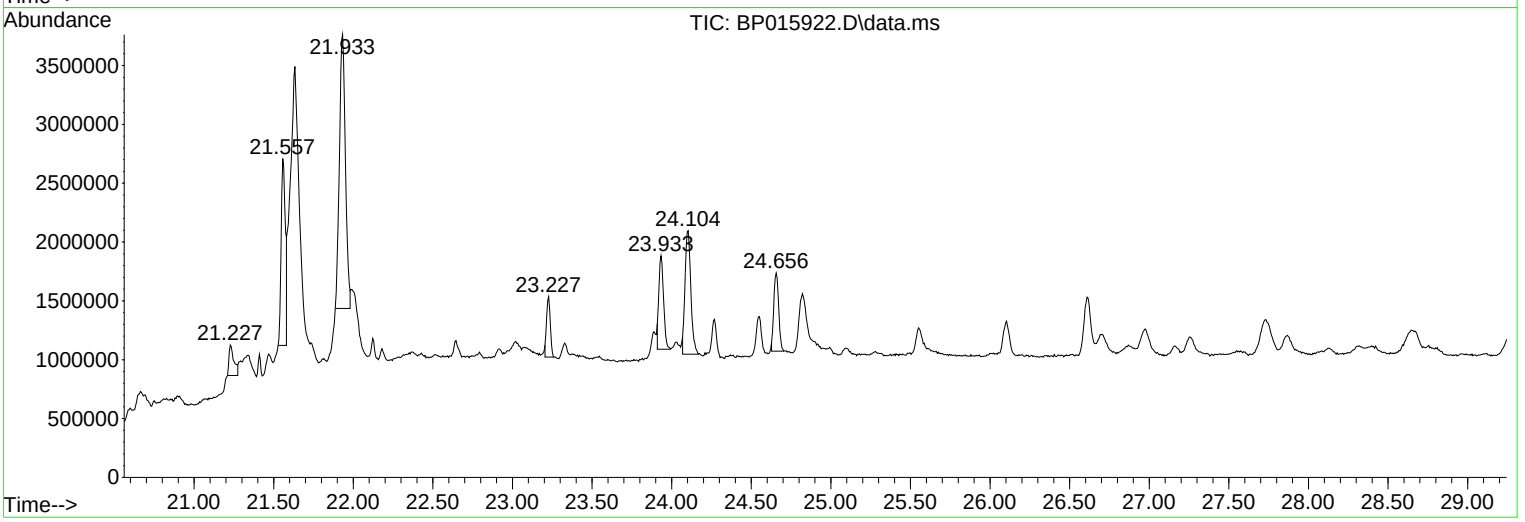
Instrument :
BNA_P
ClientSampleId :
DCGD8

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\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

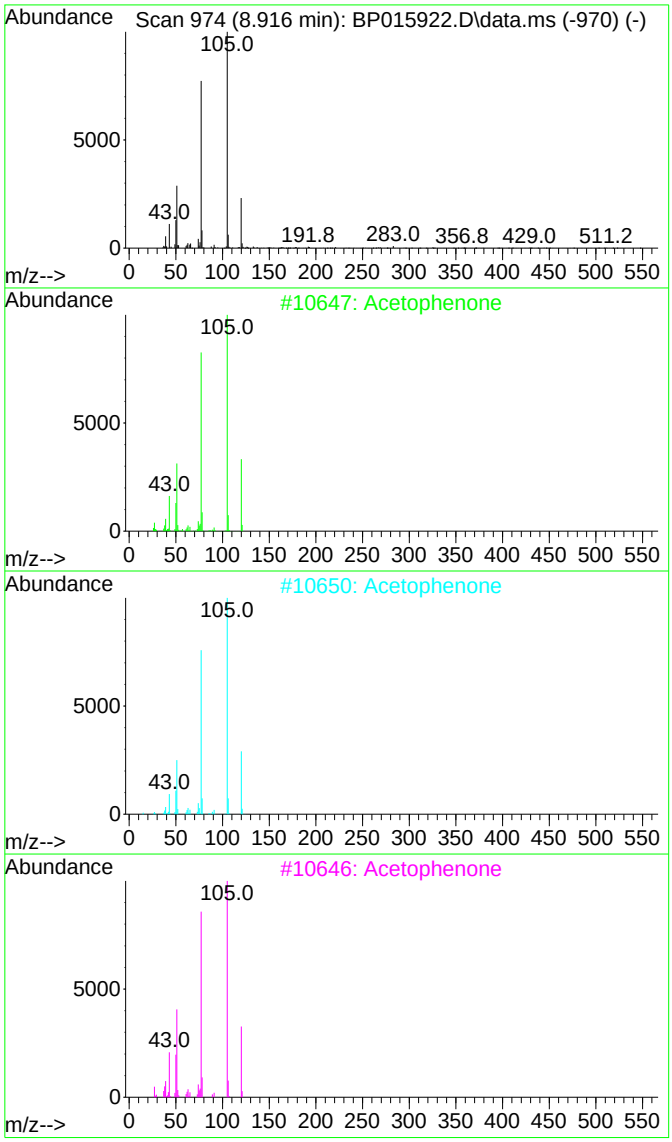
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

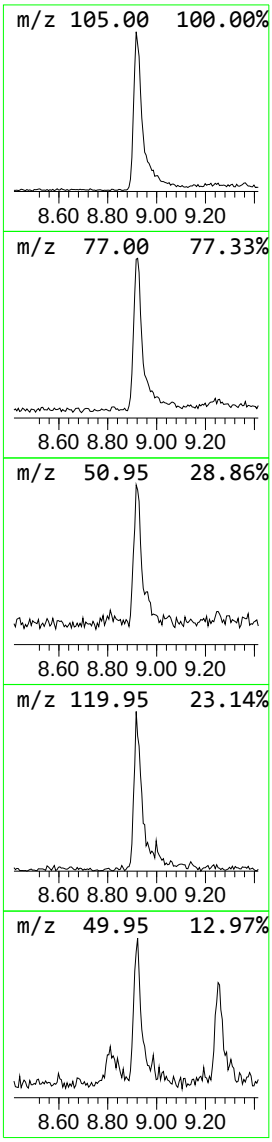
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.916	2.70 ng/ul	202108	1,4-Dichlorobenzene-d4	8.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	93
2	Acetophenone	120	C8H8O	000098-86-2	90
3	Acetophenone	120	C8H8O	000098-86-2	90
4	Acetophenone	120	C8H8O	000098-86-2	90
5	Acetophenone	120	C8H8O	000098-86-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

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

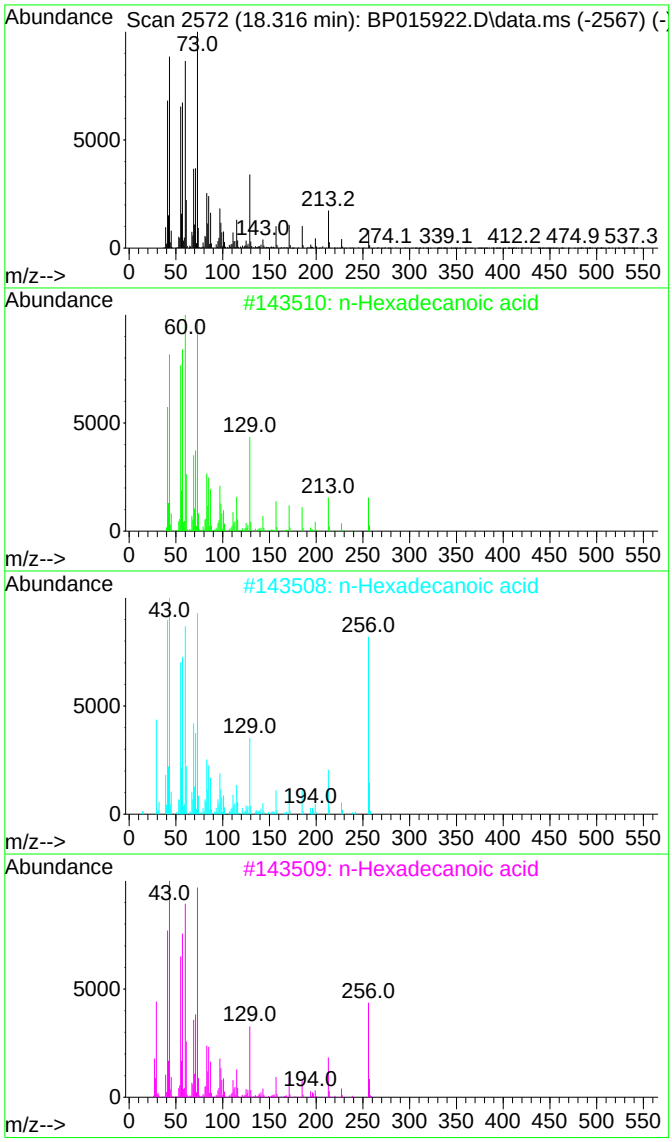
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

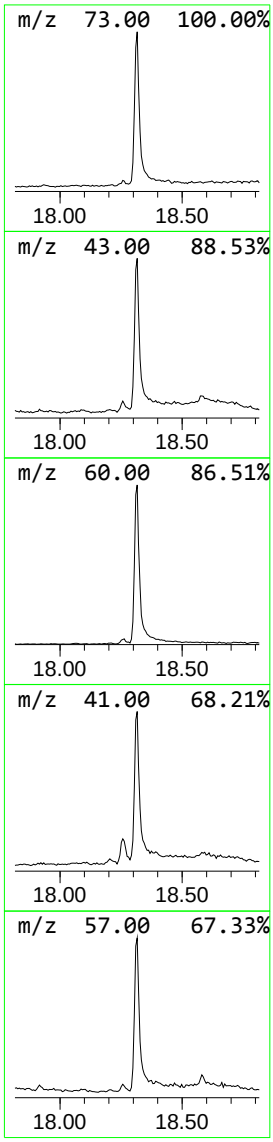
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	9.25 ng/ul	1328170	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	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

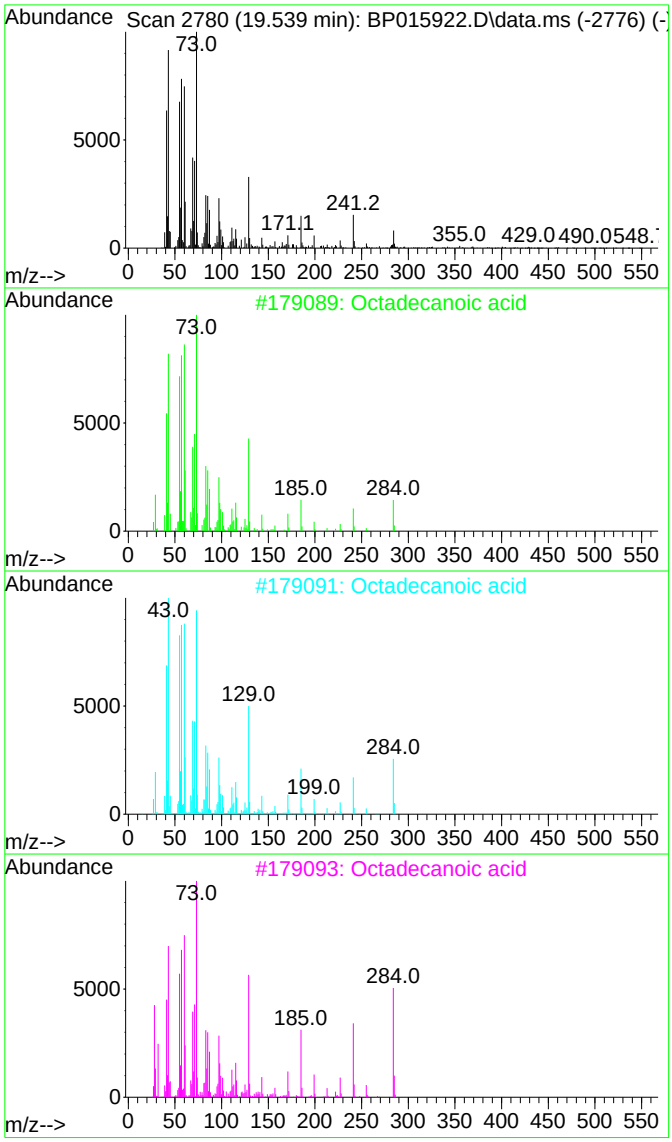
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

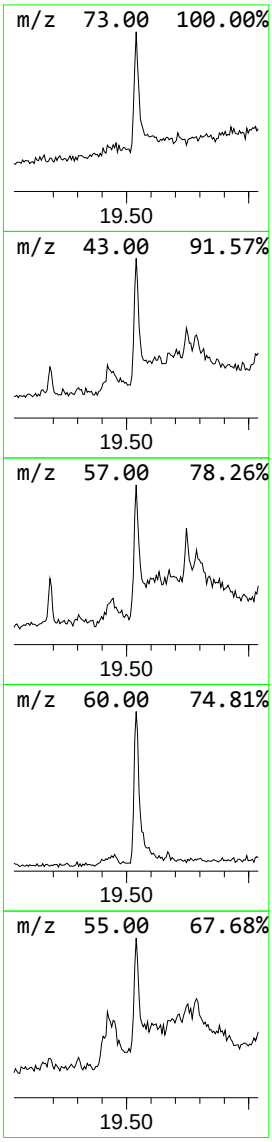
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.539	2.54 ng/ul	381168	Chrysene-d12	21.557

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	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

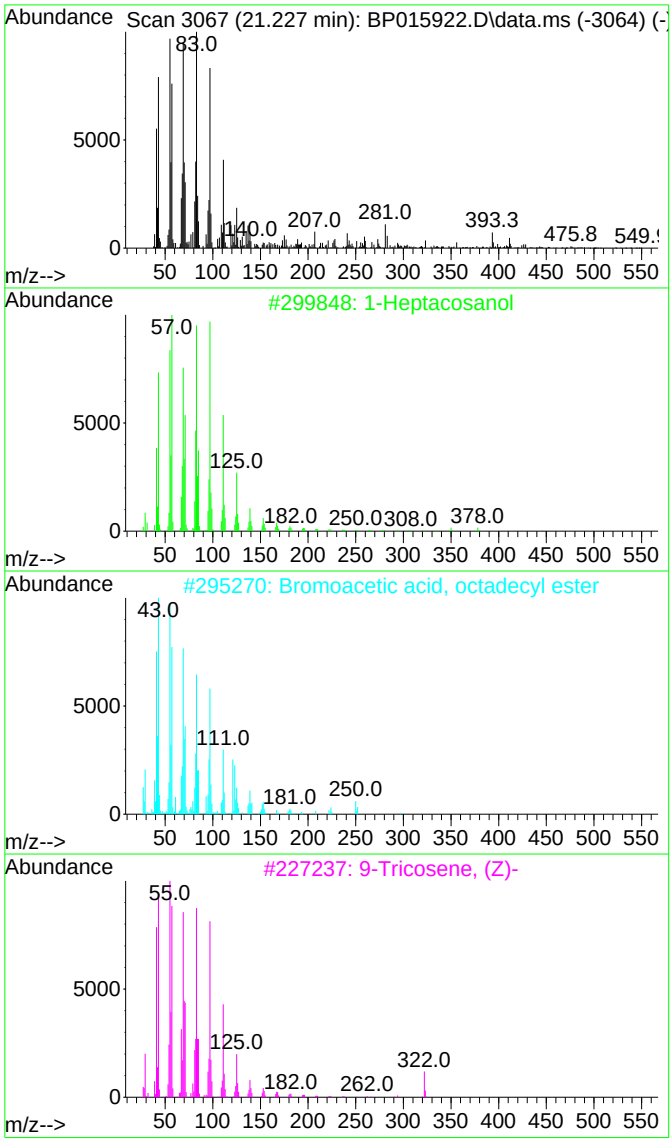
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

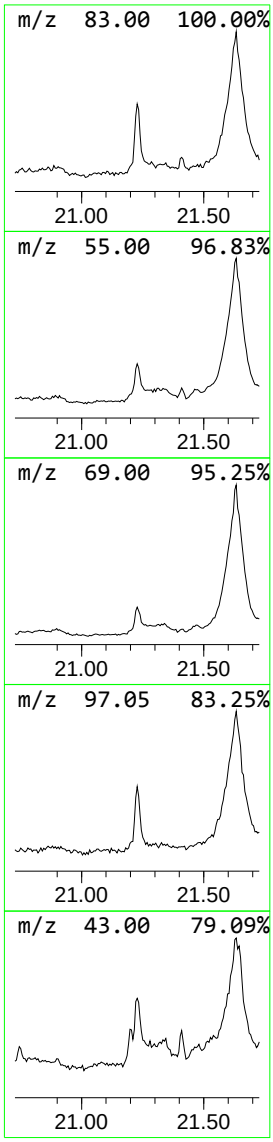
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	3.78 ng/ul	568286	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
5	1-(Ethenesulfonyl)dodecane	260	C14H28O2S	030719-66-5	78





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Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

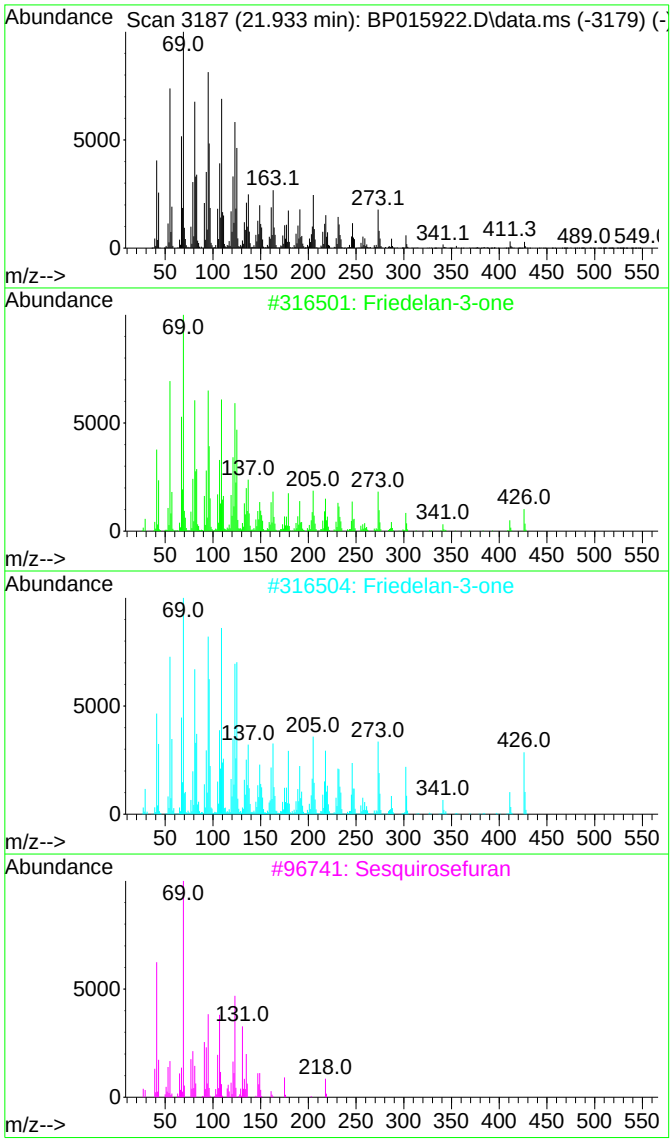
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

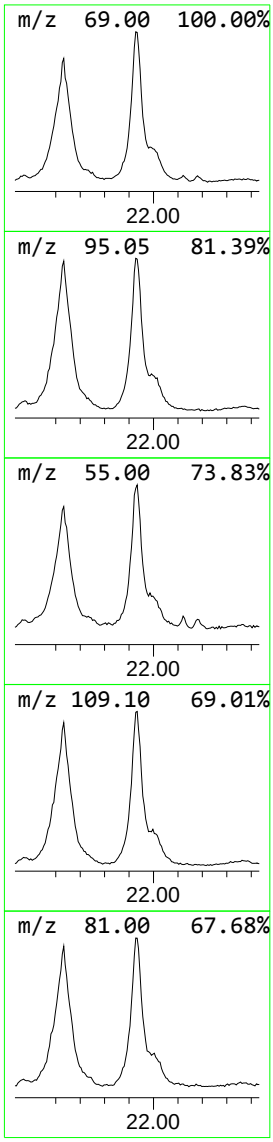
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sesquirosefuran Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.933	40.97 ng/ul	6153860	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	97
2	Friedelan-3-one	426	C30H50O	000559-74-0	90
3	Sesquirosefuran	218	C15H22O	039007-93-7	83
4	Sesquirosefuran	218	C15H22O	039007-93-7	64
5	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	62





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Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

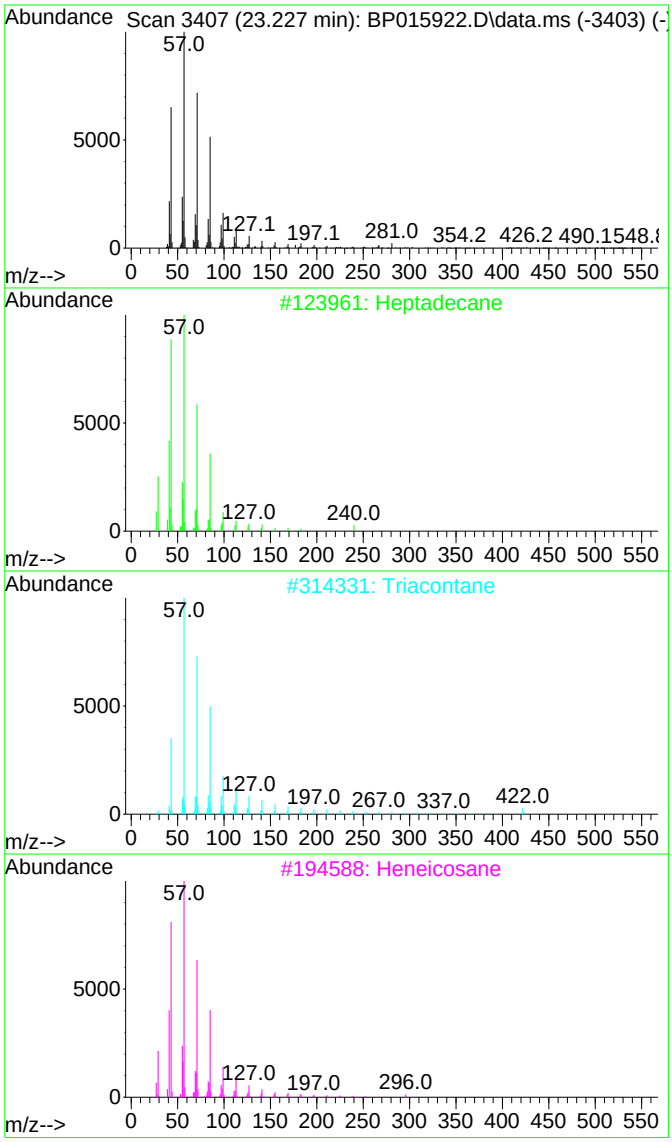
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

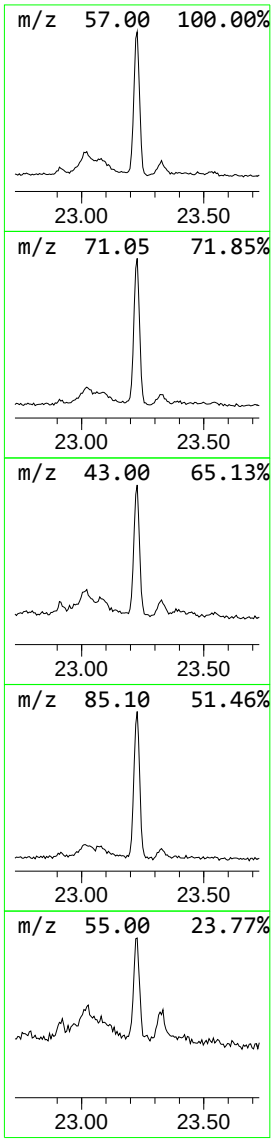
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.227	6.26 ng/ul	826086	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Triacontane	422	C30H62	000638-68-6	93
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

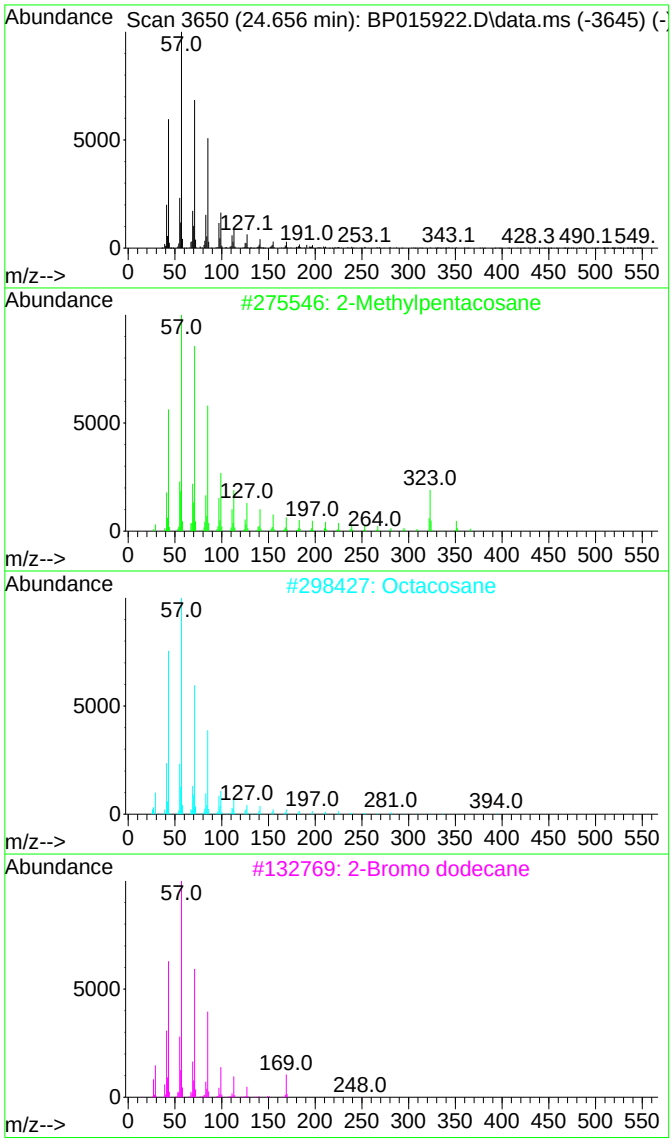
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

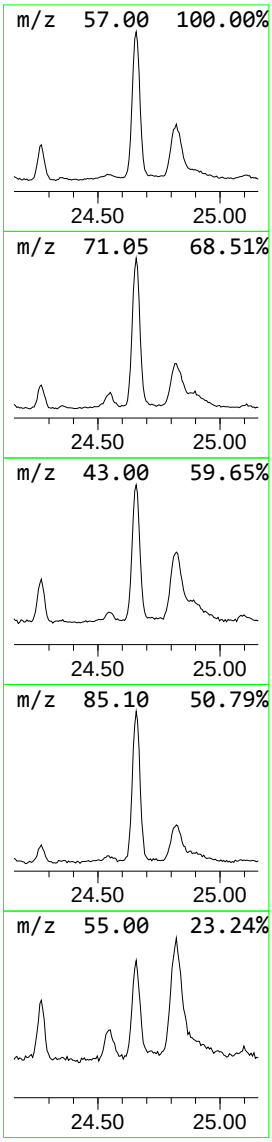
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.656	10.73 ng/ul	1414730	Perylene-d12	24.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylpentacosane	366	C26H54	000629-87-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
Data File : BP015922.D
Acq On : 02 Jul 2023 13:27
Operator : MA/JU
Sample : 03243-18
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGD8

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
Aceto phenone	8.916	2.7	ng/ul	202108	1	8.051	1499300	20.0
n-Hexadecanoic ...	18.316	9.3	ng/ul	1328170	4	17.463	2872390	20.0
Octadecanoic acid	19.539	2.5	ng/ul	381168	5	21.557	3003730	20.0
1-Heptacosanol	21.227	3.8	ng/ul	568286	5	21.557	3003730	20.0
Sesquirosefuran	21.933	41.0	ng/ul	6153860	5	21.557	3003730	20.0
(DEL) Alkane: S...	23.227	6.3	ng/ul	826086	6	24.098	2637930	20.0
(DEL) Alkane: S...	24.656	10.7	ng/ul	1414730	6	24.098	2637930	20.0