LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.840	108	111	115	rBV3	16524	29002	0.45%	0.066%
2	4.110	155	157	166	rVB3	20507	30996	0.48%	0.070%
3	5.051	313	317	320	rVB5	6416	8288	0.13%	0.019%
4	5.522	394	397	399	rBV4	6133	8257	0.13%	0.019%
5	7.151	668	674	682	rVB	86820	161714	2.52%	0.365%
6	7.304	694	700	711	rVB	76333	141208	2.20%	0.319%
7	7.498	725	733	740	rBV	100063	171356	2.67%	0.387%
8	7.963	805	812	819	rBV	1148698	1793219	27.97%	4.051%
9	8.028	819	823	831	rVB	61563	111817	1.74%	0.253%
10	8.698	930	937	947	rBV	85366	165231	2.58%	0.373%
11	9.145	1006	1013	1024	rBV	83521	153897	2.40%	0.348%
12	9.863	1127	1135	1141	rBV	63663	120257	1.88%	0.272%
13	10.039	1161	1165	1166	rBV4	5573	6757	0.11%	0.015%
14	10.416	1221	1229	1238	rBV	73876	181630	2.83%	0.410%
15	10.775	1283	1290	1301	rVV	1412807	2422566	37.78%	5.473%
16	10.939	1311	1318	1329	rBV2	30034	74044	1.15%	0.167%
17	11.580	1424	1427	1429	rBV4	6900	7937	0.12%	0.018%
18	11.645	1434	1438	1442	rBV5	15576	26772	0.42%	0.060%
19	11.786	1456	1462	1466	rBV9	5250	11825	0.18%	0.027%
20	11.922	1481	1485	1490	rBV8	5520	11634	0.18%	0.026%
21	12.175	1525	1528	1531	rBV5	11067	16238	0.25%	0.037%
22	12.280	1541	1546	1550	rBV7	7907	15157	0.24%	0.034%
23	12.357	1557	1559	1565	rVB7	7925	14121	0.22%	0.032%
24	12.827	1635	1639	1647	rVB	83609	135956	2.12%	0.307%
25	13.127	1685	1690	1696	rBV	40787	60240	0.94%	0.136%
26	13.392	1730	1735	1738	rBV6	15743	33013	0.51%	0.075%
27	13.498	1749	1753	1758	rBV	49906	76901	1.20%	0.174%
28	13.651	1776	1779	1784	rBV7	11689	16156	0.25%	0.037%
29	13.857	1811	1814	1820	rBV7	28685	42488	0.66%	0.096%
30	14.021	1838	1842	1847	rBV	178728	277445	4.33%	0.627%
31	14.069	1847	1850	1855	rVB	129697	167091	2.61%	0.377%
32	14.298	1883	1889	1896	rBV	239305	418682	6.53%	0.946%
33	14.486	1915	1921	1927	rBV	1481030	1967388	30.68%	4.445%
34	14.604	1935	1941	1948	rBV	2243117	3371674	52.58%	7.617%
35	14.810	1972	1976	1982	rBV3	87795	150655	2.35%	0.340%
36	15.104	2023	2026	2031	rVB3	114977	146204	2.28%	0.330%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	15.421	2076	2080	2087	rBV3	252268	460534	7.18%	1.040%
38	15.598	2106	2110	2115	rBV	281362	423474	6.60%	0.957%
39	15.704	2126	2128	2131	rBV	85541	93766	1.46%	0.212%
40	15.845	2147	2152	2157	rBV	652787	1024968	15.99%	2.316%
41	16.327	2226	2234	2247	rVB	1563346	2961411	46.19%	6.691%
42	17.004	2344	2349	2358	rBV	4431872	6411969	100.00%	14.486%
43	17.098	2362	2365	2368	rVB	381534	386449	6.03%	0.873%
44	17.151	2368	2374	2378	rBV	1908309	2802327	43.70%	6.331%
45	17.280	2393	2396	2401	rVB2	341431	480934	7.50%	1.087%
46	17.351	2403	2408	2414	rBV	2870616	4358316	67.97%	9.846%
47	17.757	2474	2477	2483	rVB2	597749	867611	13.53%	1.960%
48	17.839	2488	2491	2499	rVB	551644	724760	11.30%	1.637%
49	18.533	2606	2609	2617	rBV	479216	714811	11.15%	1.615%
50	18.709	2635	2639	2646	rBV	733391	938646	14.64%	2.121%
51	19.745	2812	2815	2819	rVB2	615179	701680	10.94%	1.585%
52	21.539	3115	3120	3131	rVB	2905572	4043036	63.05%	9.134%
53	23.962	3527	3532	3542	rVB	2137842	4320330	67.38%	9.761%

Sum of corrected areas: 44262838

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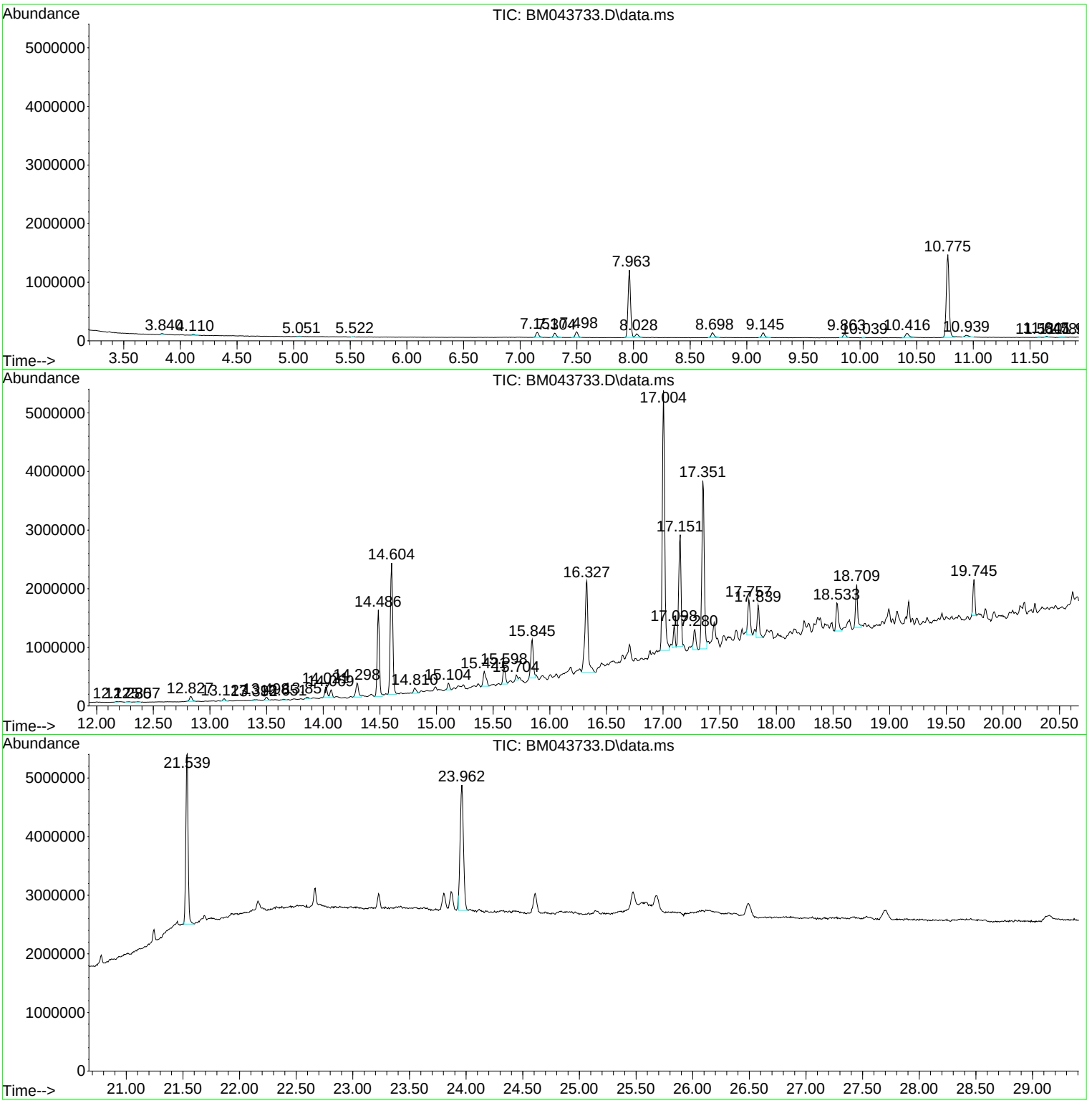
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

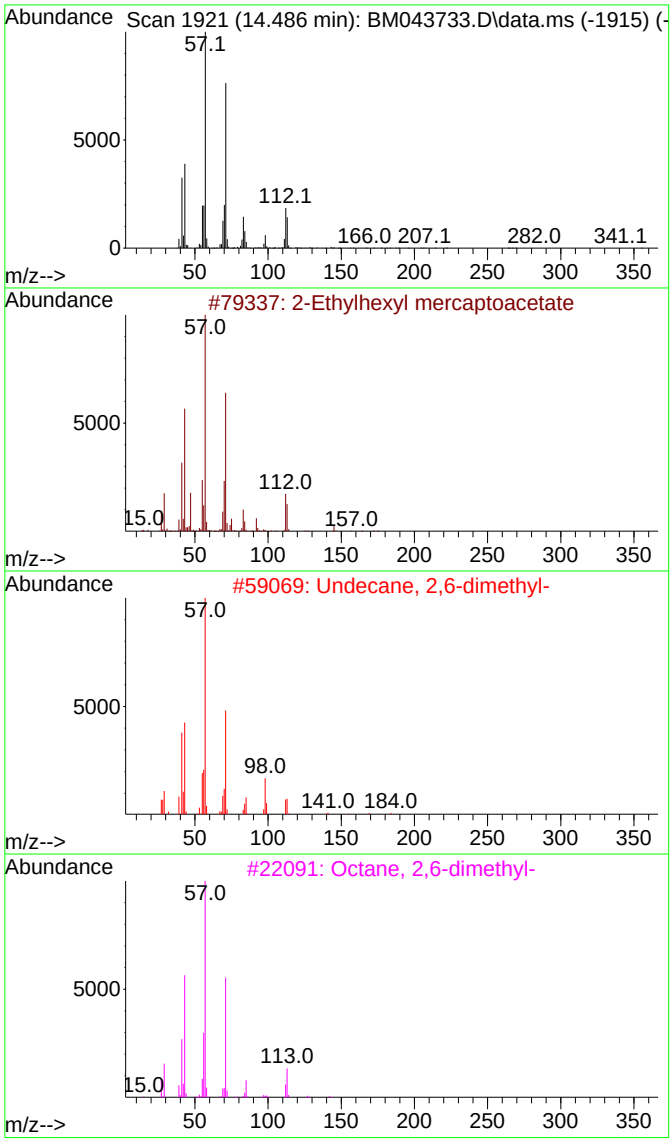
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

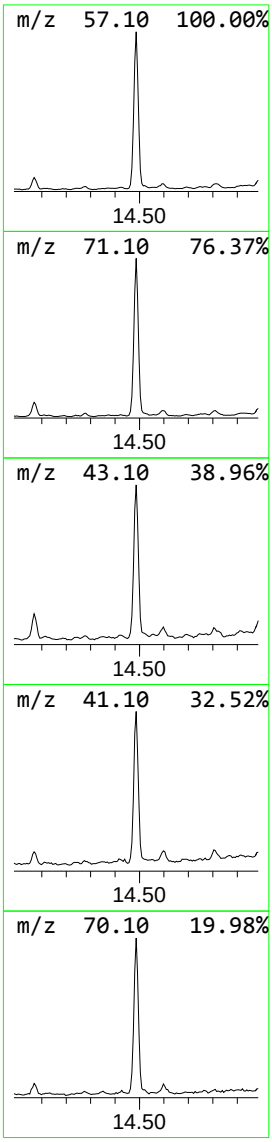
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethylhexyl mercaptoacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	11.67 ng/ul	1967390	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

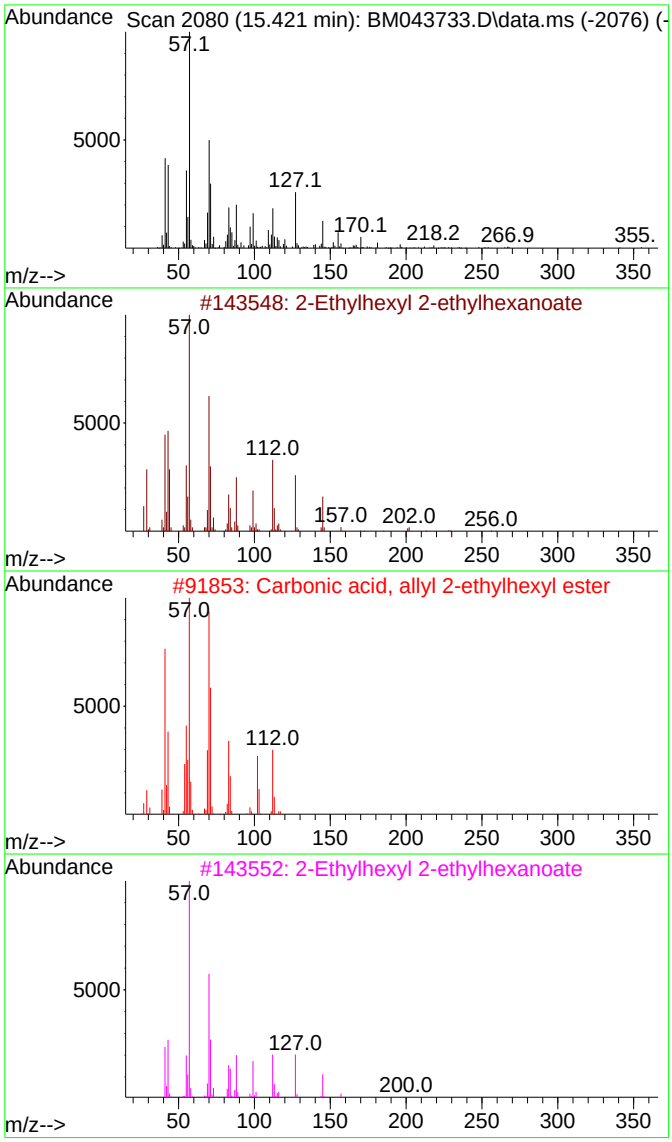
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

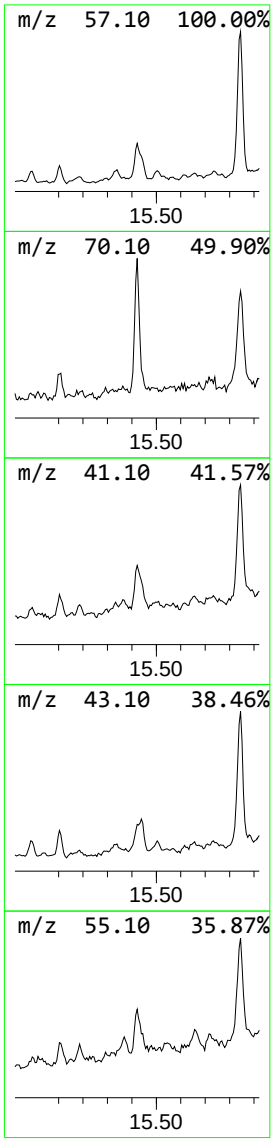
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Ethylhexyl 2-ethylhexanoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	2.73 ng/ul	460534	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	72
2	Carbonic acid, allyl 2-ethylhexy...	214	C12H22O3	1000357-80-6	43
3	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	43
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	38
5	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

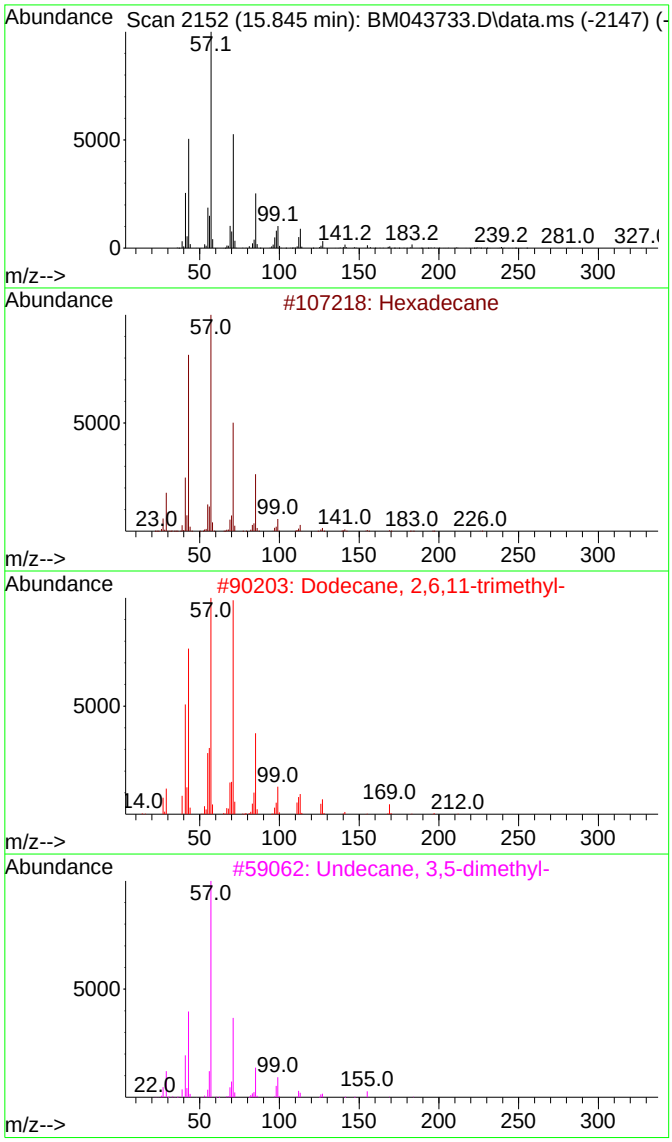
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

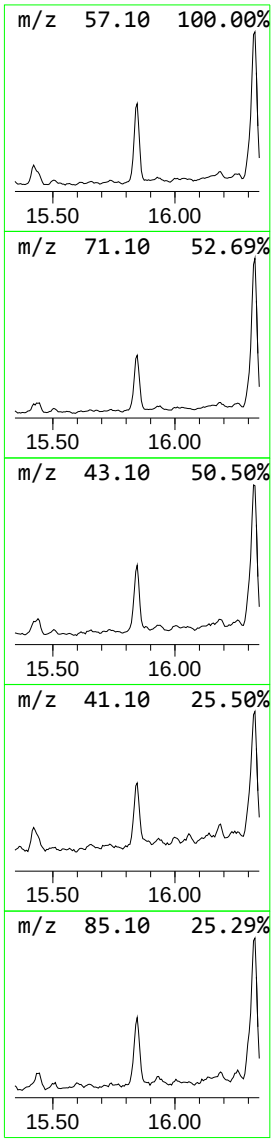
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	6.08 ng/ul	1024970	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	59
5	Tritetracontane	605	C43H88	007098-21-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

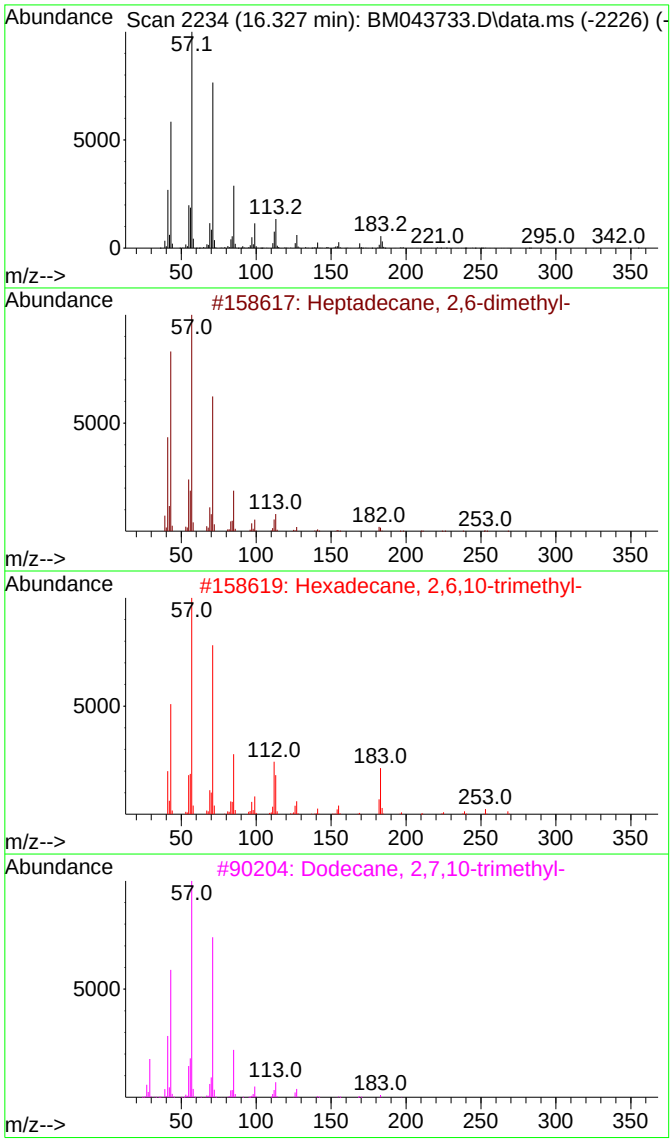
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

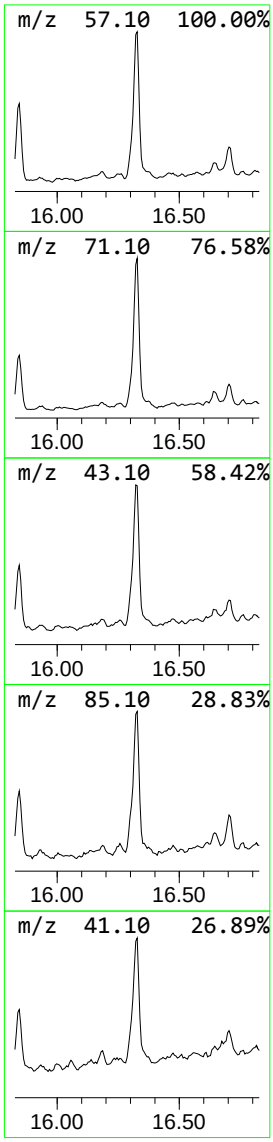
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.327	13.59 ng/ul	2961410	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

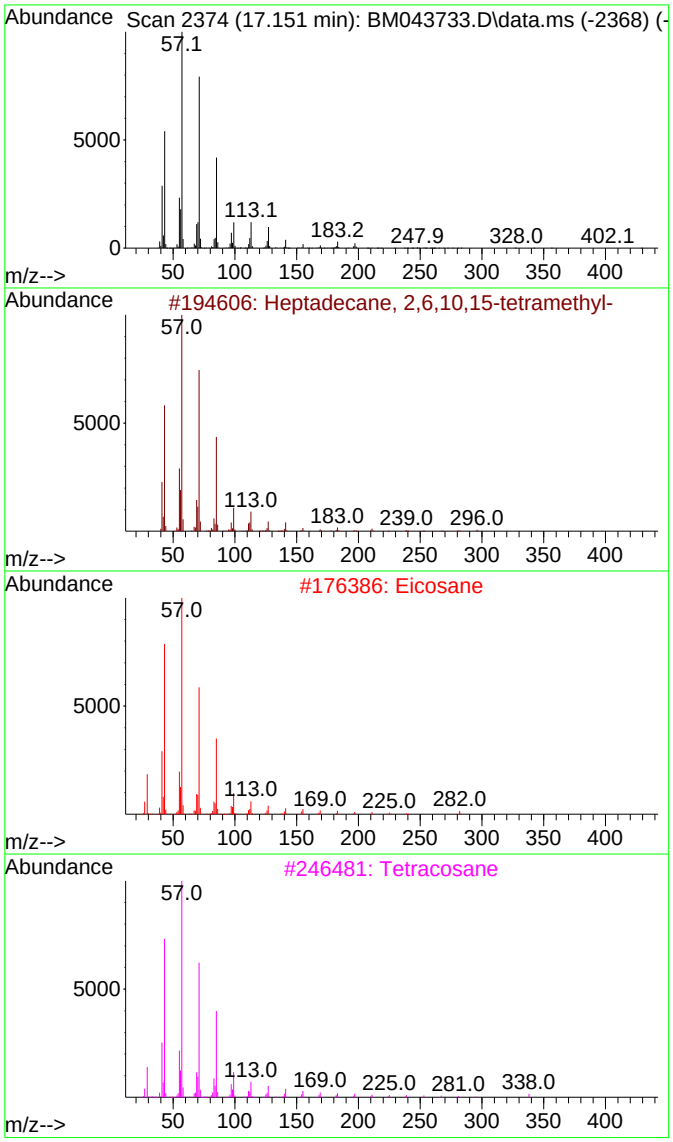
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

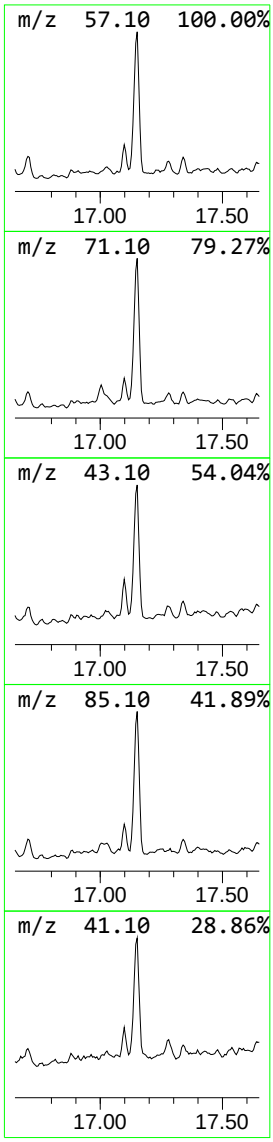
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	12.86 ng/ul	2802330	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Docosane	310	C22H46	000629-97-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

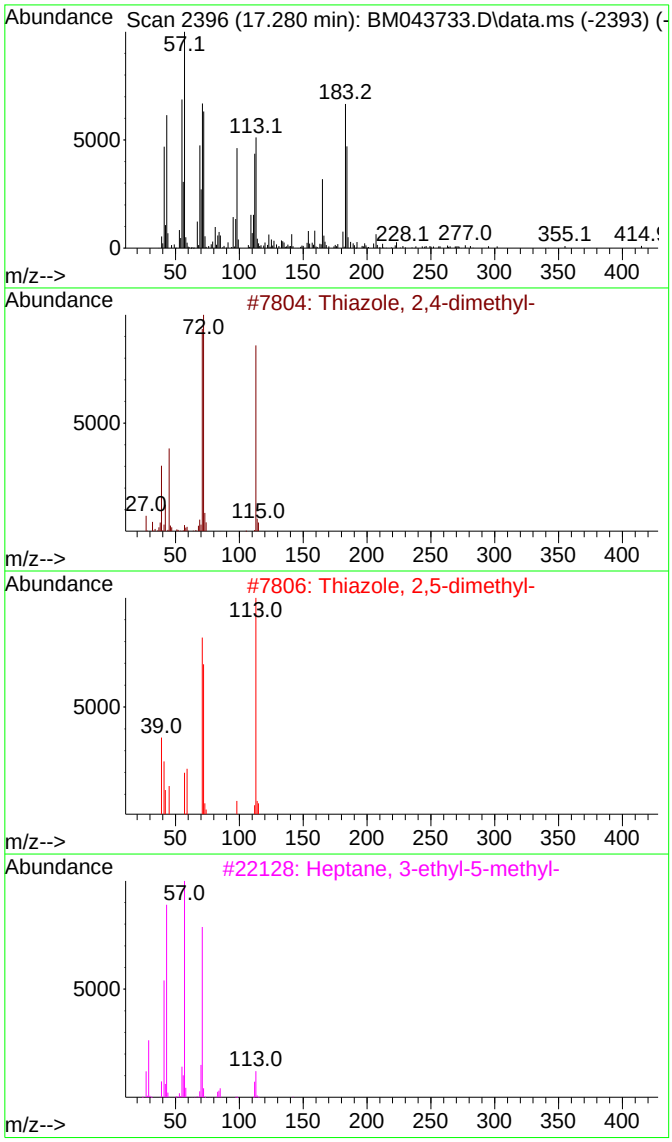
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

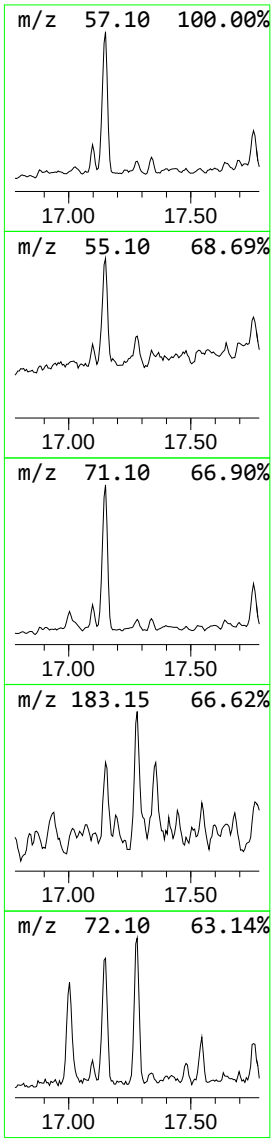
****

Peak Number 6 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	2.21 ng/ul	480934	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	38
2	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	27
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	22
4	Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	22
5	Piperidin-3-one, 2,2,5-methyl-	141	C8H15NO	103634-57-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

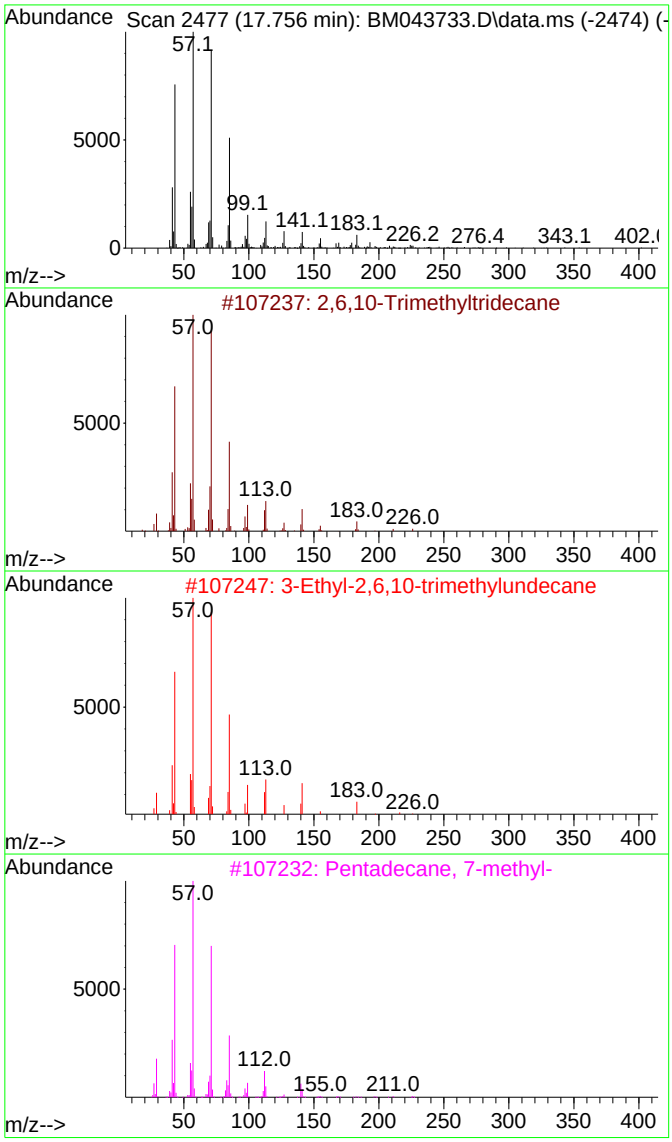
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

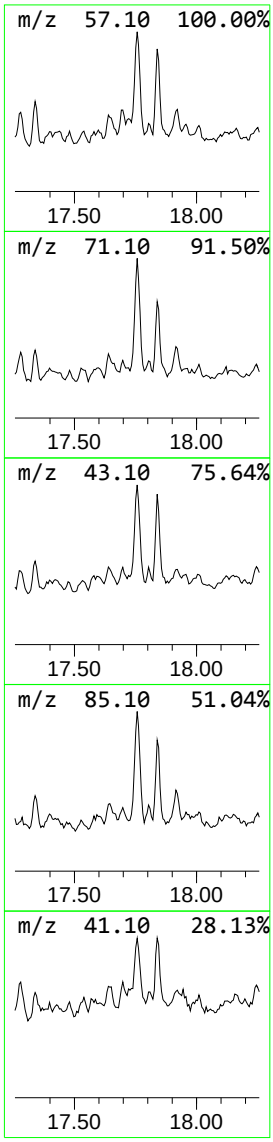
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.756	3.98 ng/ul	867611	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	94
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	90
5	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

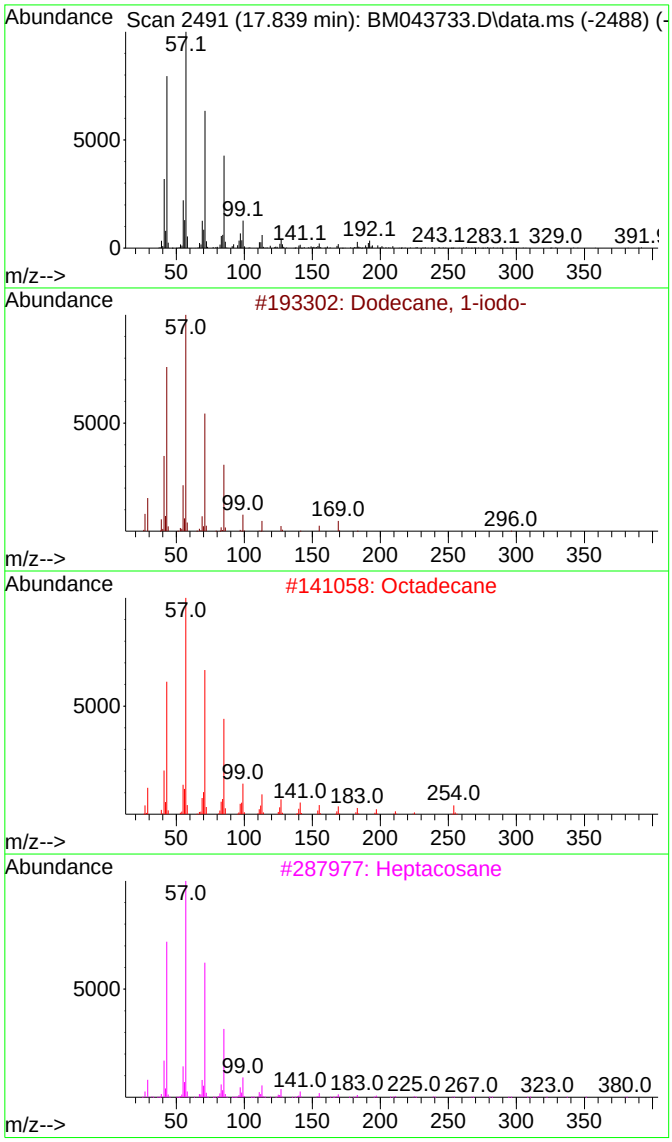
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

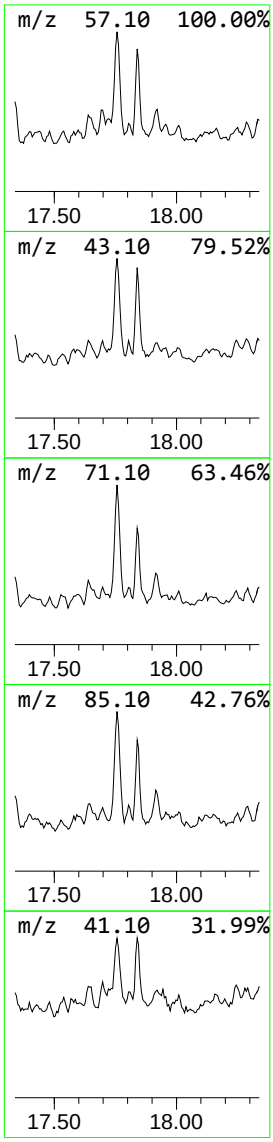
****

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	3.33 ng/ul	724760	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	94
2	Octadecane	254	C18H38	000593-45-3	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

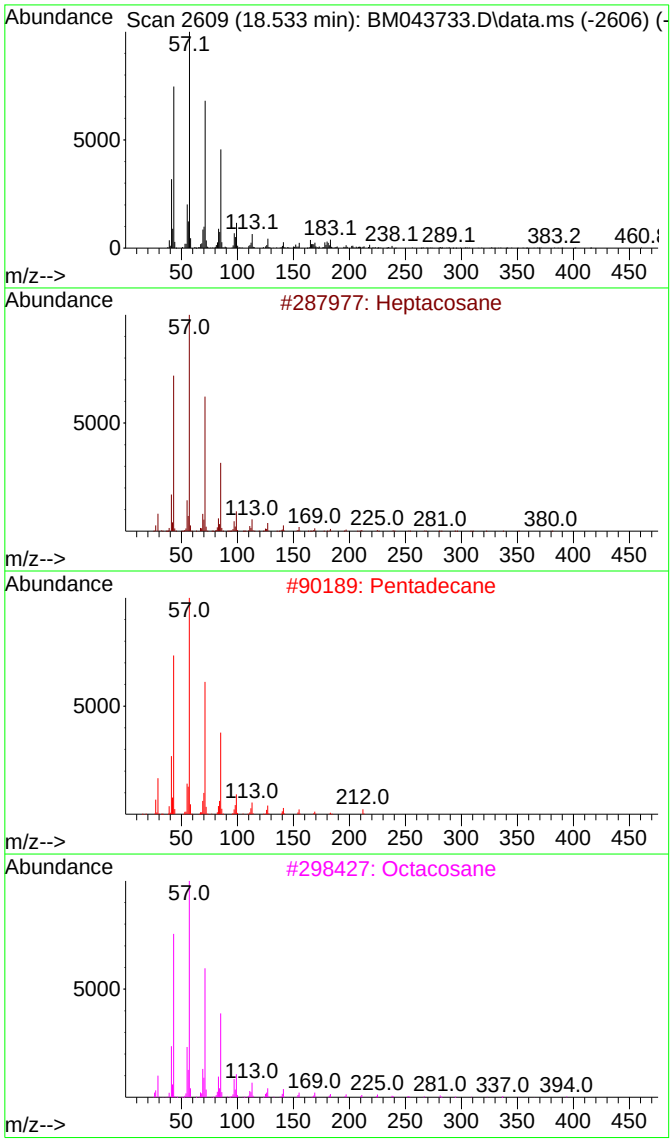
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

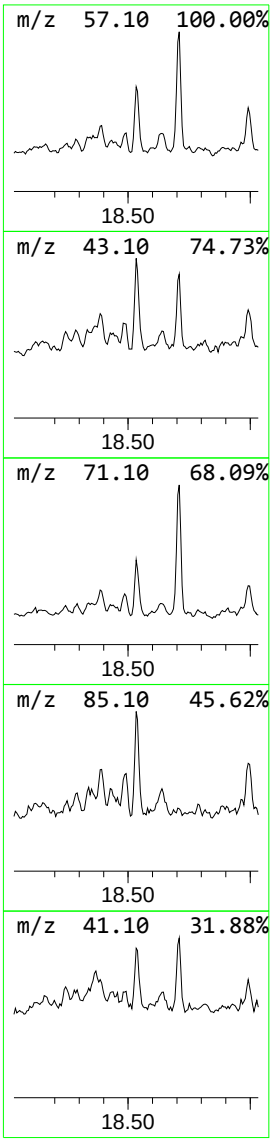
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	3.28 ng/ul	714811	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

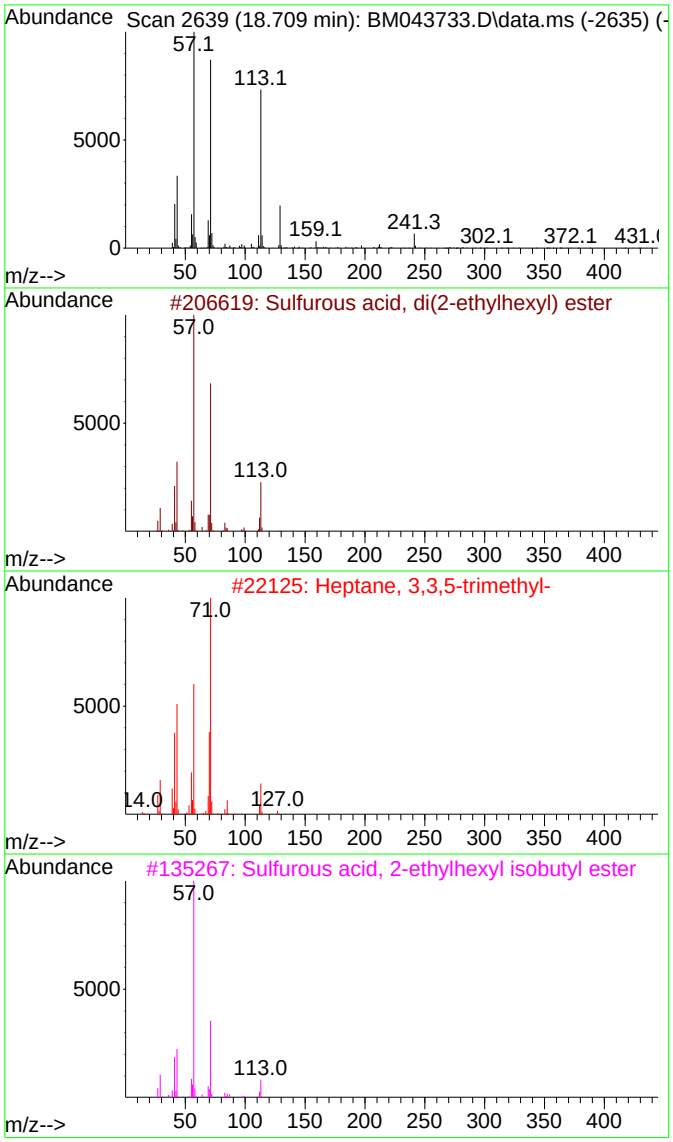
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

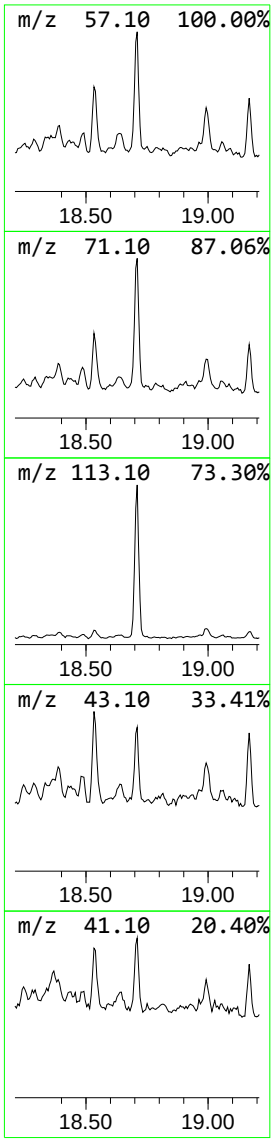
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Sulfurous acid, di(2-ethylh... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	4.31 ng/ul	938646	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	72
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	56
4	2-Iodo-6-methylheptane	240	C8H17I	088373-60-8	50
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043733.D
Acq On : 03 Jan 2024 15:07
Operator : MA/JU
Sample : 05952-02DL 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF87DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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
2-Ethylhexyl me...	14.486	11.7	ng/ul	1967390	3	14.604	3371670	20.0
2-Ethylhexyl 2-...	15.421	2.7	ng/ul	460534	3	14.604	3371670	20.0
(DEL) Alkane: S...	15.845	6.1	ng/ul	1024970	3	14.604	3371670	20.0
(DEL) Alkane: S...	16.327	13.6	ng/ul	2961410	4	17.351	4358320	20.0
(DEL) Alkane: S...	17.151	12.9	ng/ul	2802330	4	17.351	4358320	20.0
unknown-01	17.280	2.2	ng/ul	480934	4	17.351	4358320	20.0
(DEL) Alkane: S...	17.756	4.0	ng/ul	867611	4	17.351	4358320	20.0
Dodecane, 1-iodo-	17.839	3.3	ng/ul	724760	4	17.351	4358320	20.0
(DEL) Alkane: S...	18.533	3.3	ng/ul	714811	4	17.351	4358320	20.0
Sulfurous acid,...	18.709	4.3	ng/ul	938646	4	17.351	4358320	20.0