LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

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-BM050721.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.987	12	17	40	rBV	8363360	12753509	100.00%	21.989%
2	4.257	227	233	244	rBV	4017748	6183831	48.49%	10.662%
3	4.351	244	249	260	rVB	157973	281926	2.21%	0.486%
4	6.716	645	651	666	rBV2	69015	182602	1.43%	0.315%
5	6.869	671	677	696	rBV	307956	597534	4.69%	1.030%
6	7.057	703	709	724	rBV	363265	681701	5.35%	1.175%
7	7.516	780	787	800	rBV	394119	712608	5.59%	1.229%
8	8.239	905	910	930	rBV	228661	496060	3.89%	0.855%
9	8.675	978	984	1005	rBV	431061	843768	6.62%	1.455%
10	8.834	1005	1011	1039	rVB2	79981	210026	1.65%	0.362%
11	9.086	1049	1054	1061	rVB4	7863	14405	0.11%	0.025%
12	9.392	1099	1106	1130	rBV	367216	741797	5.82%	1.279%
13	9.928	1191	1197	1215	rBV	387248	929189	7.29%	1.602%
14	10.286	1252	1258	1272	rBV	640960	1112675	8.72%	1.918%
15	13.592	1813	1820	1826	rBV	1421136	2035390	15.96%	3.509%
16	13.857	1857	1865	1886	rBV	1539334	2241309	17.57%	3.864%
17	14.168	1911	1918	1933	rBV	1142926	1654317	12.97%	2.852%
18	14.457	1957	1967	1968	rBV6	11556	17563	0.14%	0.030%
19	15.168	2081	2088	2103	rBV	2140324	3054743	23.95%	5.267%
20	15.310	2106	2112	2126	rBV	738178	1138498	8.93%	1.963%
21	15.415	2126	2130	2135	rVB2	24268	39382	0.31%	0.068%
22	15.962	2219	2223	2227	rVB5	8032	13249	0.10%	0.023%
23	16.157	2251	2256	2263	rVB	18186	25462	0.20%	0.044%
24	16.704	2342	2349	2354	rBV7	6066	14727	0.12%	0.025%
25	16.915	2379	2385	2395	rBV	1404062	1994704	15.64%	3.439%
26	17.015	2396	2402	2419	rVV	2496737	3651461	28.63%	6.296%
27	17.827	2535	2540	2549	rBV	114982	205261	1.61%	0.354%
28	18.956	2728	2732	2736	rBV	28395	37383	0.29%	0.064%
29	19.121	2756	2760	2767	rBV3	31935	61658	0.48%	0.106%
30	19.203	2771	2774	2782	rVB2	24710	37468	0.29%	0.065%
31	19.315	2787	2793	2803	rBV	3401395	4501097	35.29%	7.761%
32	20.833	3047	3051	3060	rBV	322513	489556	3.84%	0.844%
33	21.109	3093	3098	3111	rBV	1847529	2391434	18.75%	4.123%
34	22.615	3350	3354	3358	rVB	110958	158171	1.24%	0.273%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

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-BM050721.M
Title : SVOA CALIBRATION

35	23.121	3433	3440	3453	rBV	2855423	5266076	41.29%	9.079%
36	23.250	3456	3462	3473	rVB2	1370838	2589626	20.31%	4.465%
37	23.750	3544	3547	3555	rVB	176074	325607	2.55%	0.561%
38	24.456	3663	3667	3675	rVB	160833	314148	2.46%	0.542%

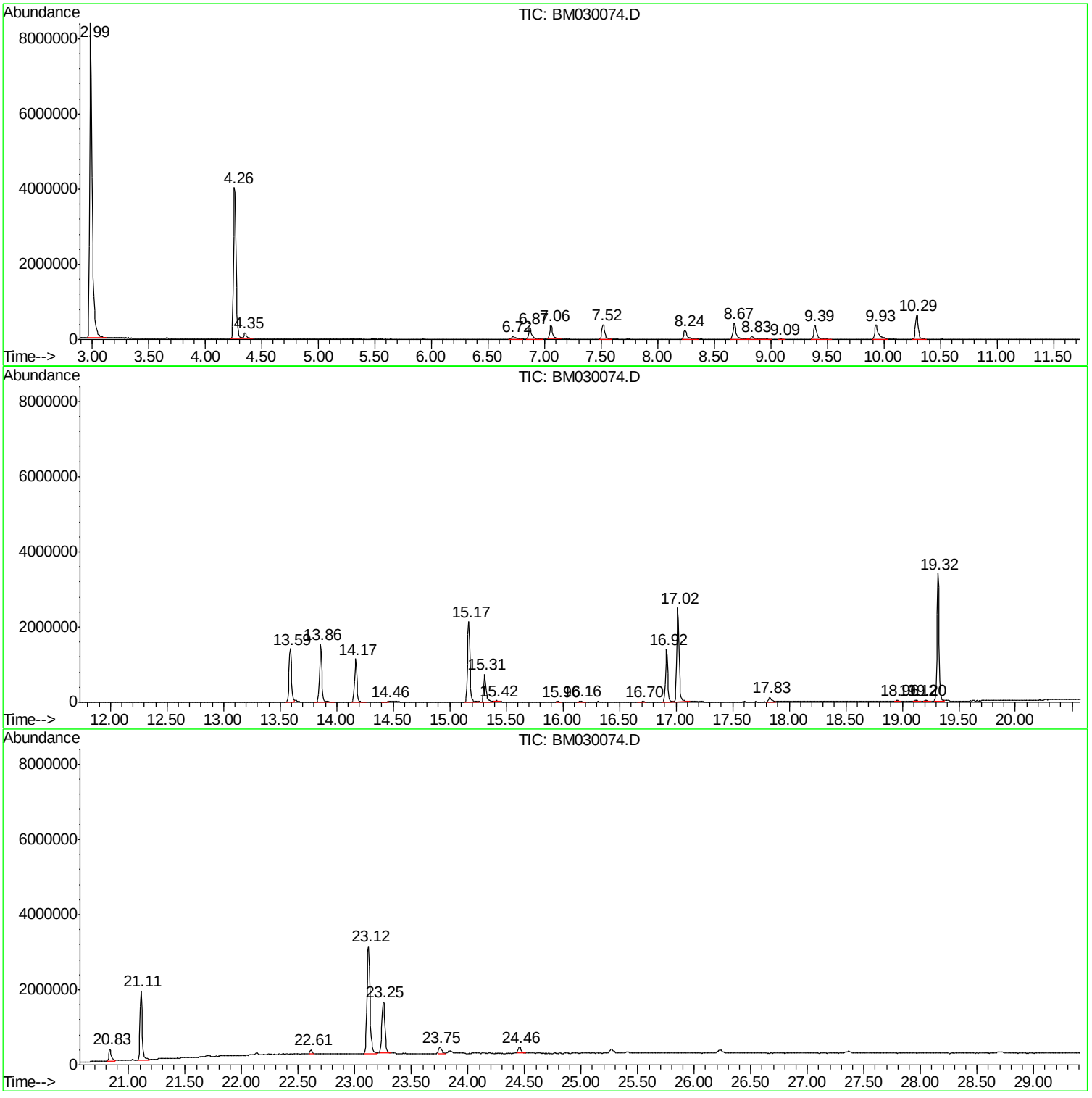
Sum of corrected areas: 57999921

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

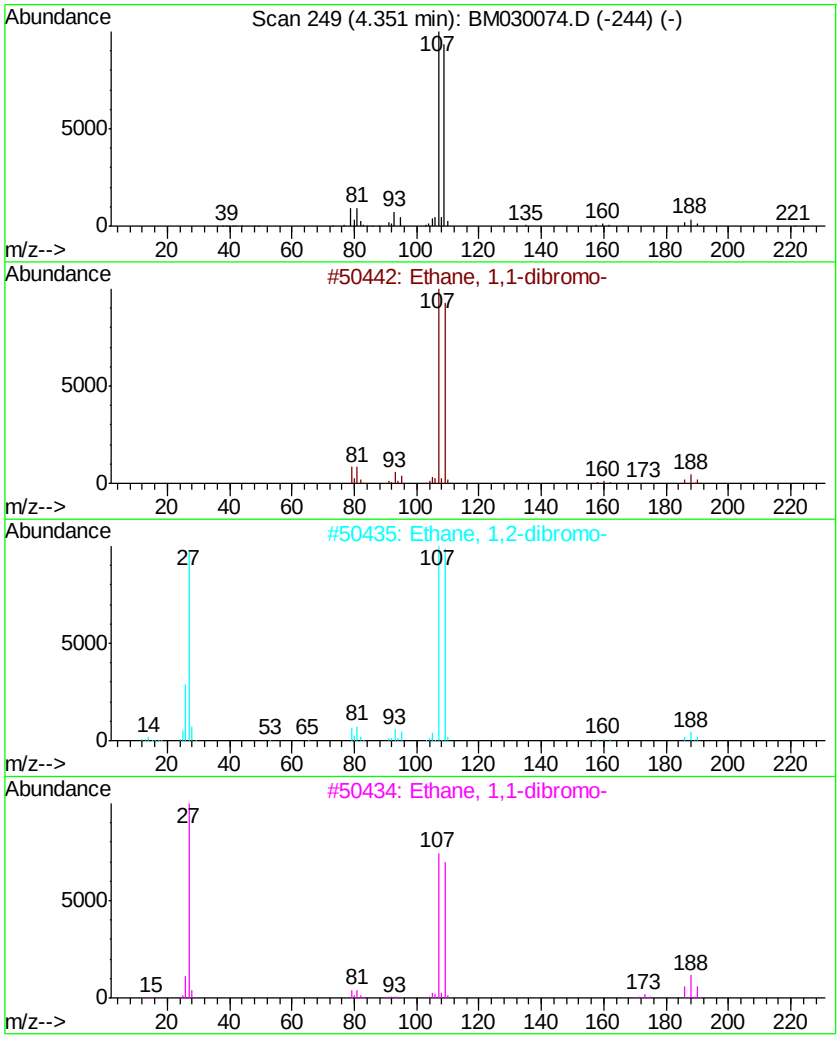
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

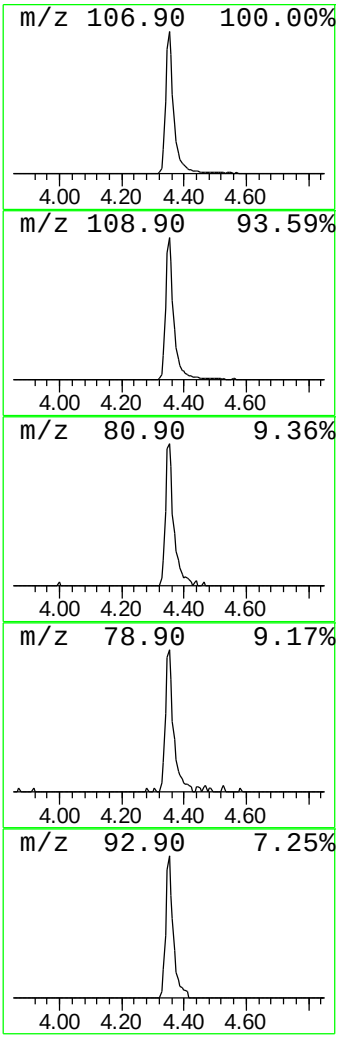
****

Peak Number 2 Ethane, 1,1-dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	7.91 ng/ul	281926	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-dibromo-	186	C2H4Br2	000557-91-5	95
2	Ethane, 1,2-dibromo-	186	C2H4Br2	000106-93-4	93
3	Ethane, 1,1-dibromo-	186	C2H4Br2	000557-91-5	91
4	Ethane, 1,1-dibromo-	186	C2H4Br2	000557-91-5	91
5	Ethane, 1,2-dibromo-	186	C2H4Br2	000106-93-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

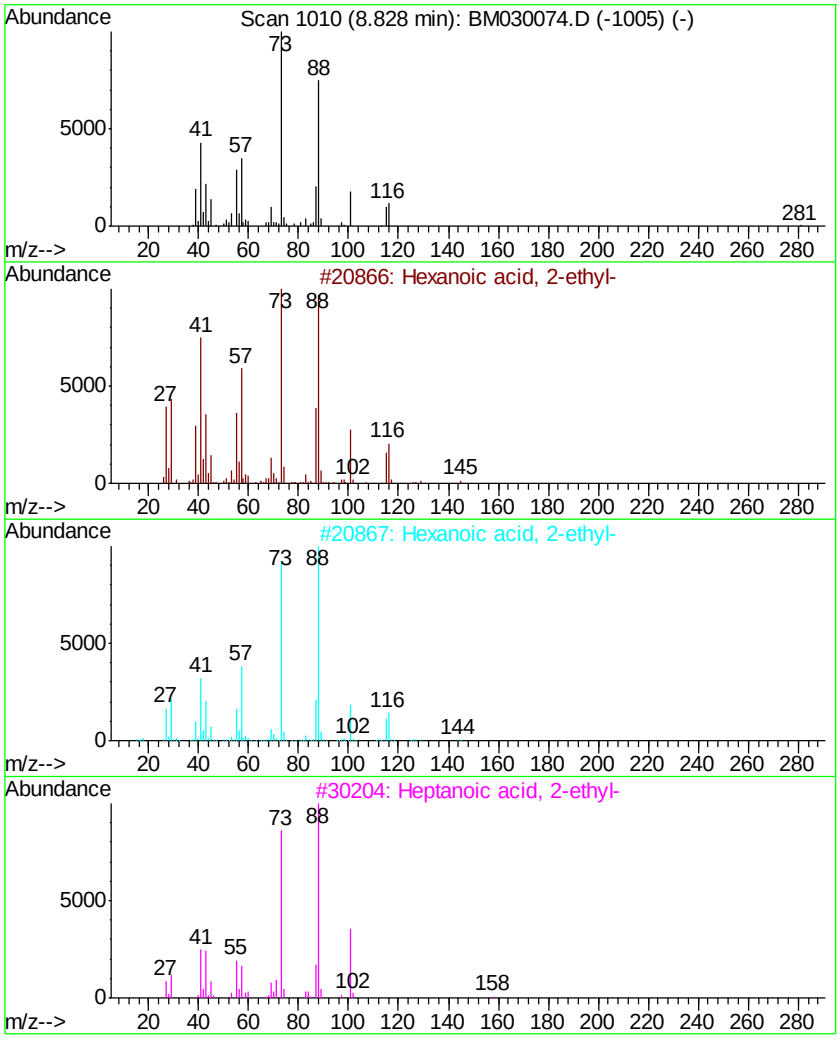
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

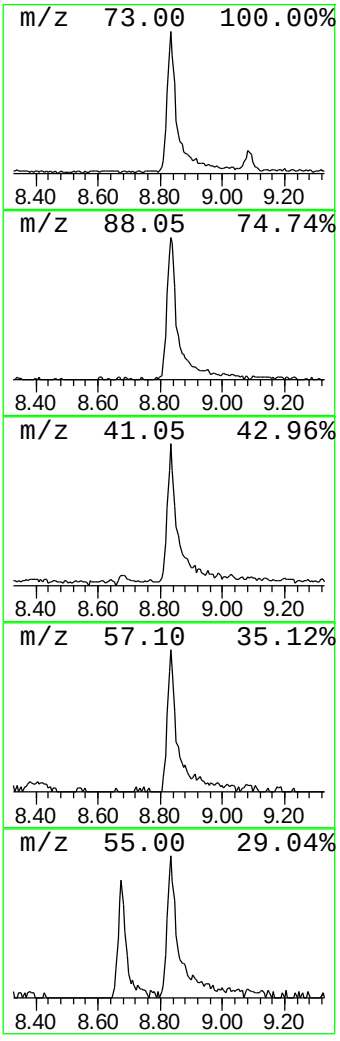
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	5.89 ng/ul	210026	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
4	Hydrazine, 1,1-diethyl-	88	C4H12N2	000616-40-0	43
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

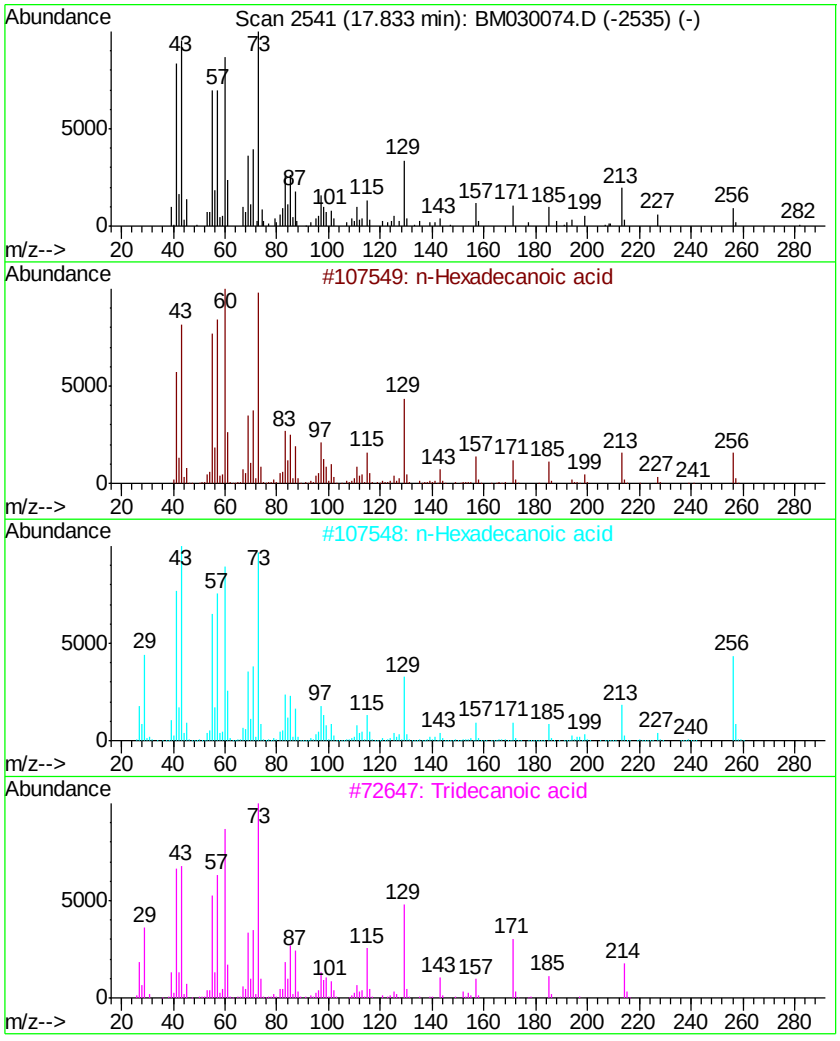
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

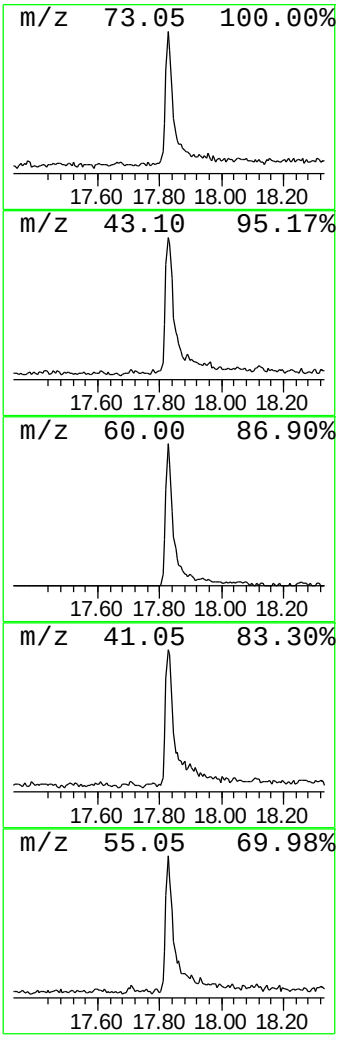
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.06 ng/ul	205261	Phenanthrene-d10	16.92

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

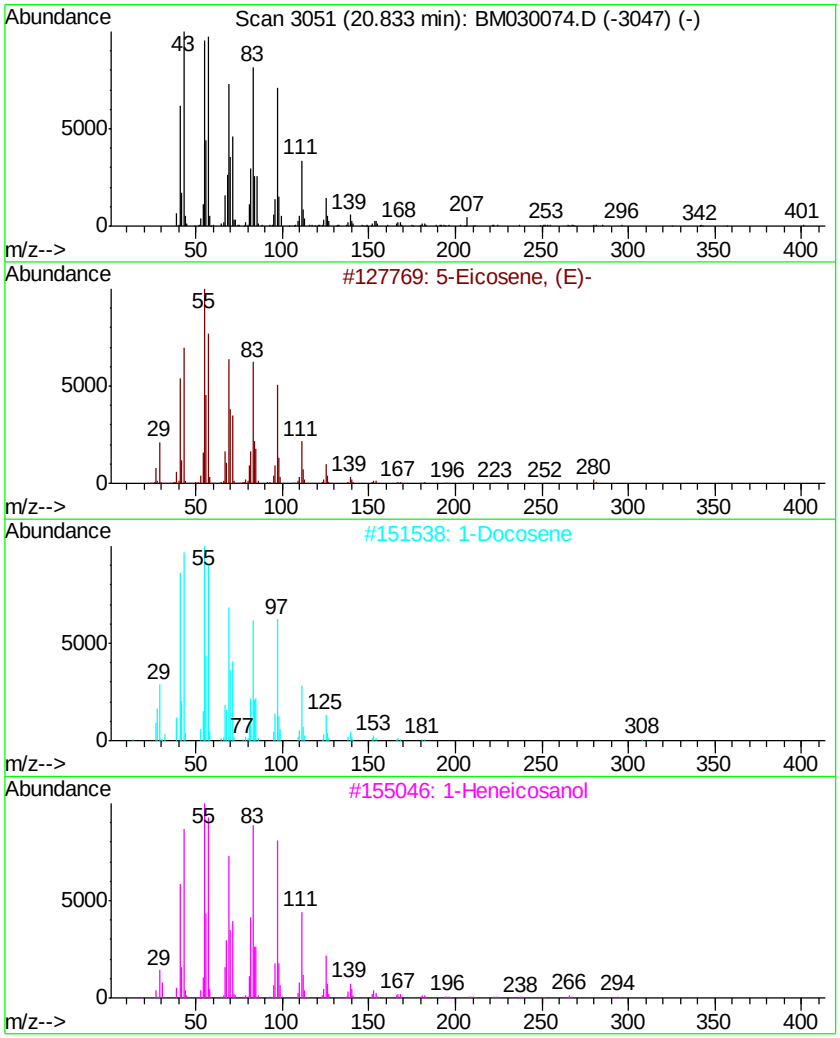
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

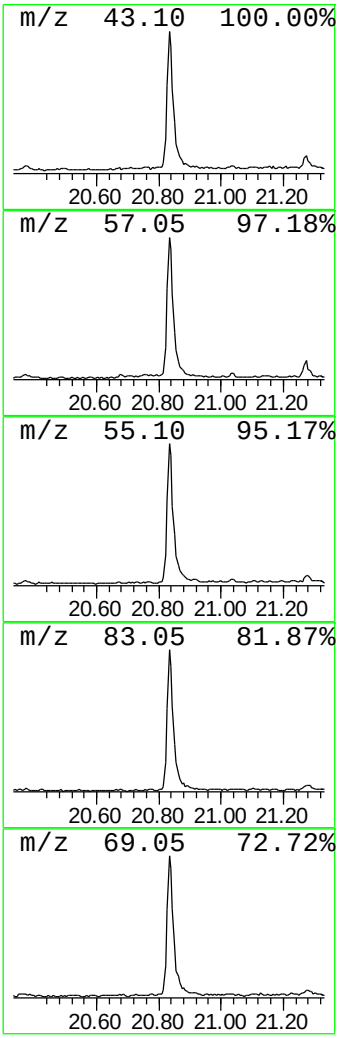
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.09 ng/ul	489556	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Docosene	308	C22H44	001599-67-3	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

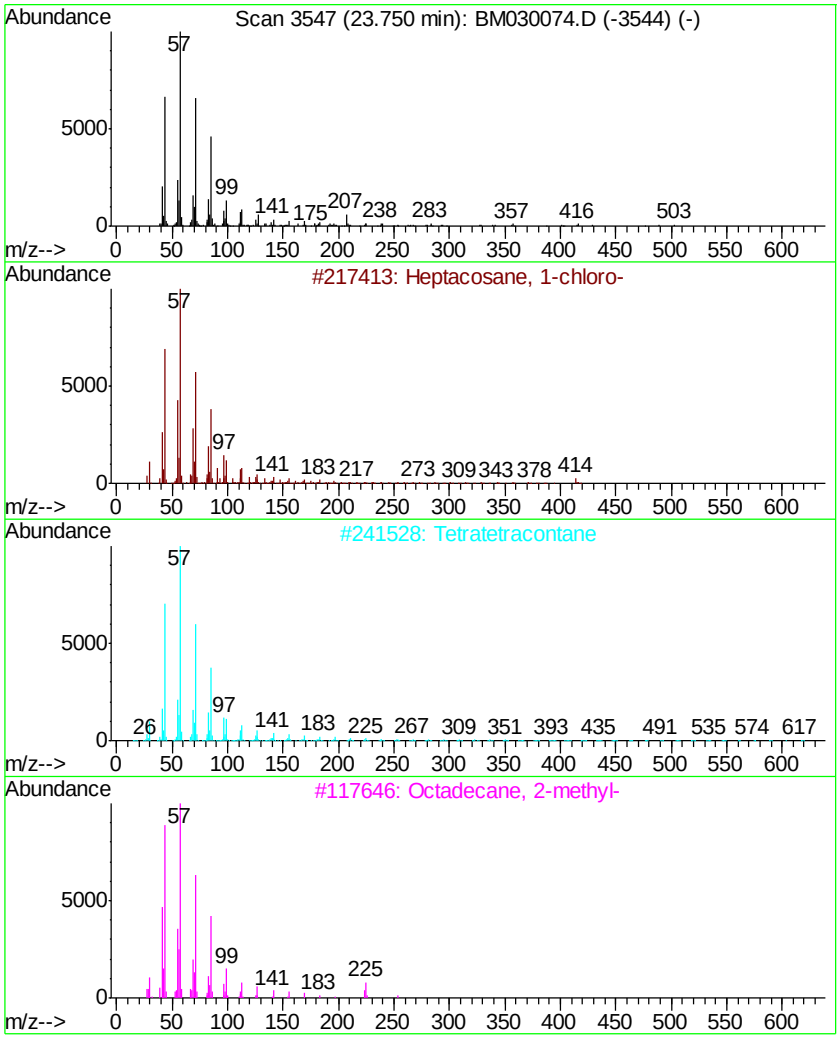
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

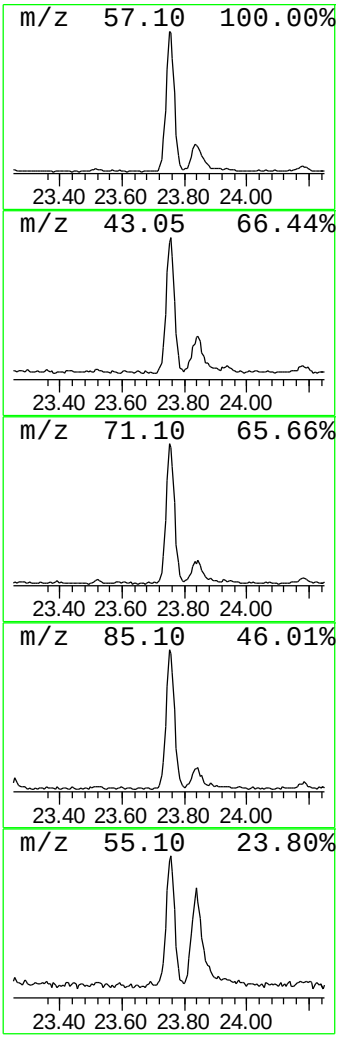
****

Peak Number 6 Heptacosane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	2.51 ng/ul	325607	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Heptacosane	380	C27H56	000593-49-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

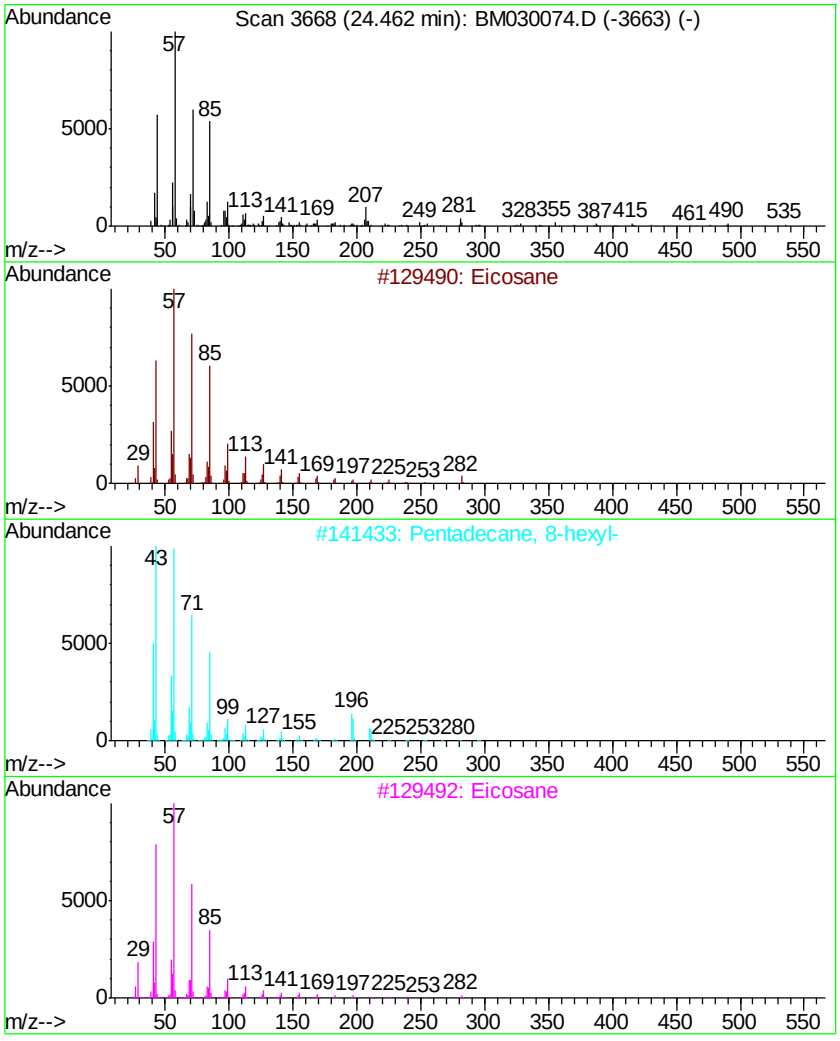
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

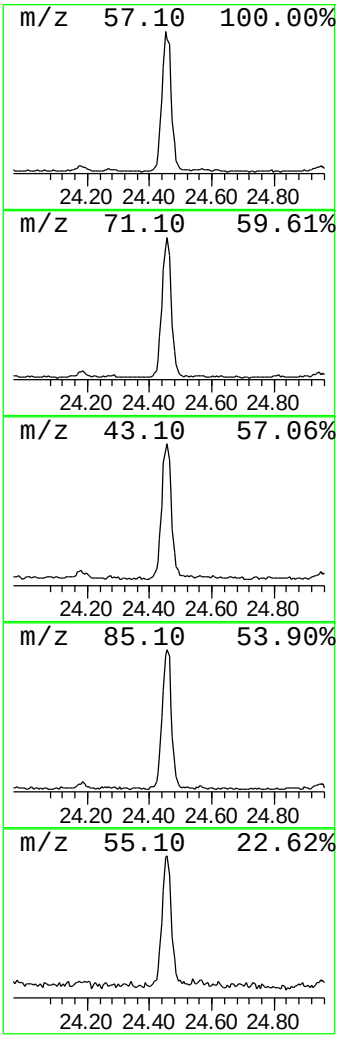
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.43 ng/ul	314148	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Eicosane	282	C20H42	000112-95-8	86
4	Hexacosane	366	C26H54	000630-01-3	83
5	Tetracosane	338	C24H50	000646-31-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051821\
Data File : BM030074.D
Acq On : 18 May 2021 20:30
Operator : CG/JU
Sample : M2396-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GJ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1-dibromo-	4.35	7.9	ng/ul	281926	1	7.52	712608	20.0
Hexanoic acid, 2-...	8.83	5.9	ng/ul	210026	1	7.52	712608	20.0
n-Hexadecanoic acid	17.83	2.1	ng/ul	205261	4	16.92	1994700	20.0
(DEL) Alkane: Str...	20.83	4.1	ng/ul	489556	5	21.11	2391430	20.0
Heptacosane, 1-ch...	23.75	2.5	ng/ul	325607	6	23.25	2589630	20.0
(DEL) Alkane: Str...	24.46	2.4	ng/ul	314148	6	23.25	2589630	20.0