LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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	3.040	23	26	34	rVB3	17349	26440	0.60%	0.067%
2	3.657	126	131	139	rVB2	16703	30681	0.69%	0.077%
3	4.257	227	233	244	rVB	180576	275372	6.23%	0.693%
4	4.681	300	305	308	rBV6	3582	7467	0.17%	0.019%
5	5.928	514	517	525	rVB8	5089	8196	0.19%	0.021%
6	6.710	644	650	663	rBV	89253	212083	4.80%	0.534%
7	6.857	670	675	693	rBV	386953	738892	16.72%	1.860%
8	7.045	701	707	724	rBV	478870	862114	19.50%	2.171%
9	7.510	779	786	800	rBV	492285	848689	19.20%	2.137%
10	7.604	800	802	807	rVB6	4869	5966	0.13%	0.015%
11	8.234	903	909	924	rBV	289687	595090	13.46%	1.498%
12	8.669	976	983	1001	rBV	545362	1038475	23.49%	2.615%
13	9.081	1049	1053	1062	rVB9	5373	10778	0.24%	0.027%
14	9.381	1098	1104	1126	rBV	472731	907227	20.53%	2.284%
15	9.922	1189	1196	1221	rBV	489769	1195518	27.05%	3.010%
16	10.281	1250	1257	1273	rBV	741039	1282405	29.01%	3.229%
17	10.498	1286	1294	1299	rBV7	9449	27084	0.61%	0.068%
18	11.910	1528	1534	1541	rBV4	6316	16098	0.36%	0.041%
19	12.510	1631	1636	1637	rBV4	3912	4542	0.10%	0.011%
20	12.769	1675	1680	1687	rBV5	5280	9107	0.21%	0.023%
21	13.069	1726	1731	1735	rVB6	4394	8143	0.18%	0.021%
22	13.580	1812	1818	1824	rBV	1481979	2181842	49.36%	5.494%
23	13.633	1824	1827	1837	rVB	91014	150229	3.40%	0.378%
24	13.851	1857	1864	1877	rBV	1789161	2550039	57.69%	6.421%
25	14.163	1910	1917	1928	rBV	1174593	1766655	39.97%	4.448%
26	14.463	1961	1968	1969	rBV5	13566	26551	0.60%	0.067%
27	14.521	1976	1978	1983	rVB5	4552	4999	0.11%	0.013%
28	14.616	1986	1994	2018	rBV	390602	653341	14.78%	1.645%
29	14.974	2051	2055	2060	rBV	11513	16604	0.38%	0.042%
30	15.163	2080	2087	2105	rBV	2222738	3318266	75.07%	8.355%
31	15.298	2105	2110	2124	rVV	794396	1253433	28.36%	3.156%
32	15.404	2124	2128	2138	rVB3	32230	61020	1.38%	0.154%
33	15.733	2179	2184	2186	rBV2	3783	4769	0.11%	0.012%
34	15.951	2217	2221	2227	rVB5	7505	11333	0.26%	0.029%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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	16.068	2236	2241	2247	rBV9	2585	6258	0.14%	0.016%
36	16.357	2283	2290	2295	rBV6	7632	16664	0.38%	0.042%
37	16.704	2341	2349	2353	rBV6	6006	13371	0.30%	0.034%
38	16.910	2378	2384	2394	rBV	1445133	2013860	45.56%	5.071%
39	17.009	2394	2401	2425	rVB	2667063	3828983	86.63%	9.641%
40	17.586	2496	2499	2503	rBV5	6469	8638	0.20%	0.022%
41	17.821	2534	2539	2549	rBV	369016	607622	13.75%	1.530%
42	18.109	2586	2588	2594	rVB7	4719	6166	0.14%	0.016%
43	18.762	2695	2699	2704	rBV6	4900	7739	0.18%	0.019%
44	18.951	2726	2731	2735	rBV2	26617	45462	1.03%	0.114%
45	19.109	2753	2758	2769	rBV	194486	347756	7.87%	0.876%
46	19.198	2770	2773	2780	rVB	28040	47234	1.07%	0.119%
47	19.309	2786	2792	2801	rBV	3313712	4420088	100.00%	11.129%
48	20.827	3046	3050	3061	rBV	304092	495901	11.22%	1.249%
49	21.103	3092	3097	3109	rBV	1408471	1909658	43.20%	4.808%
50	23.109	3431	3438	3452	rBV	2041155	3793894	85.83%	9.553%
51	23.244	3455	3461	3480	rVB2	917808	1819633	41.17%	4.582%
52	23.738	3542	3545	3552	rVB2	127263	217547	4.92%	0.548%

Sum of corrected areas: 39715922

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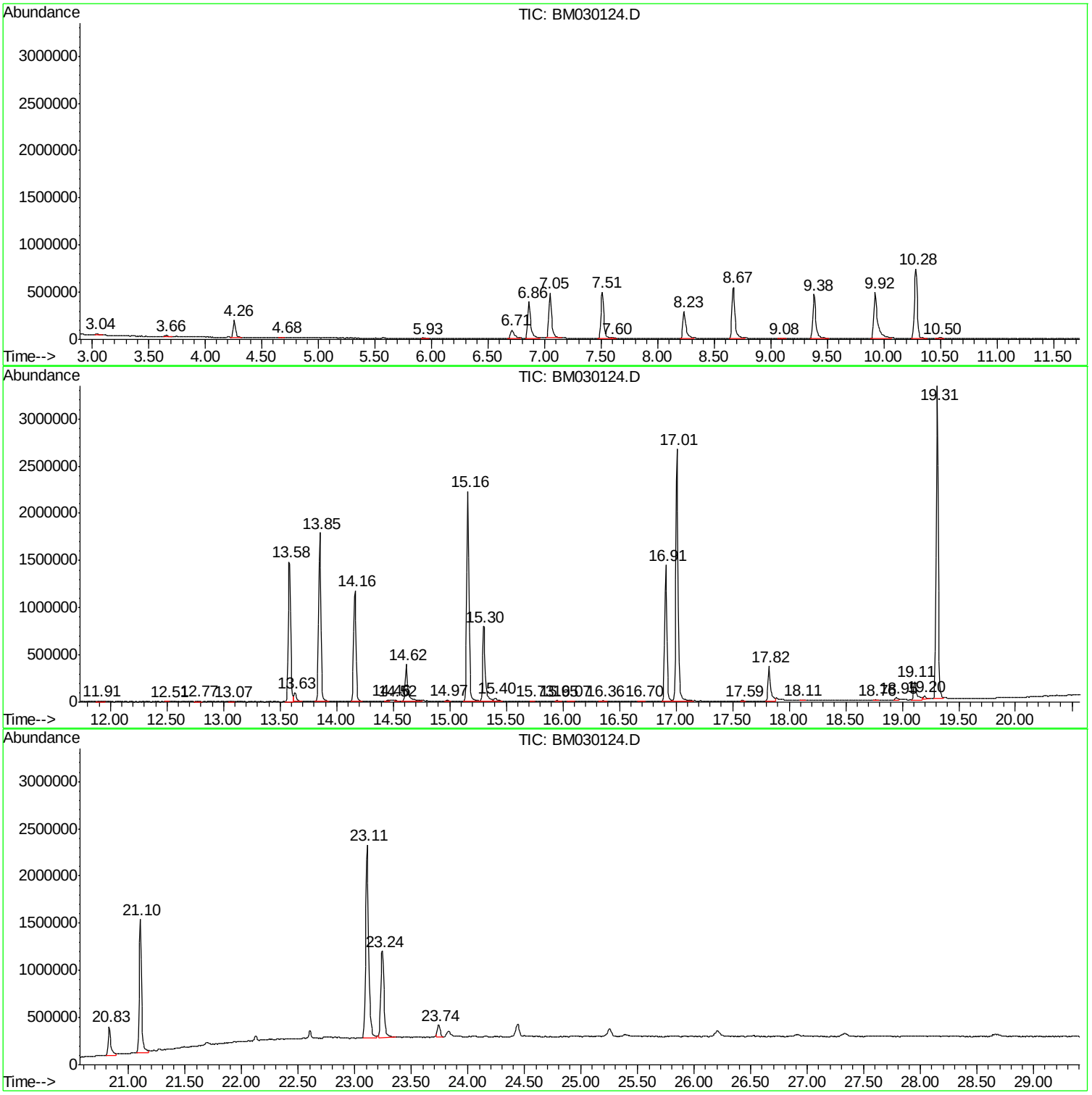
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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

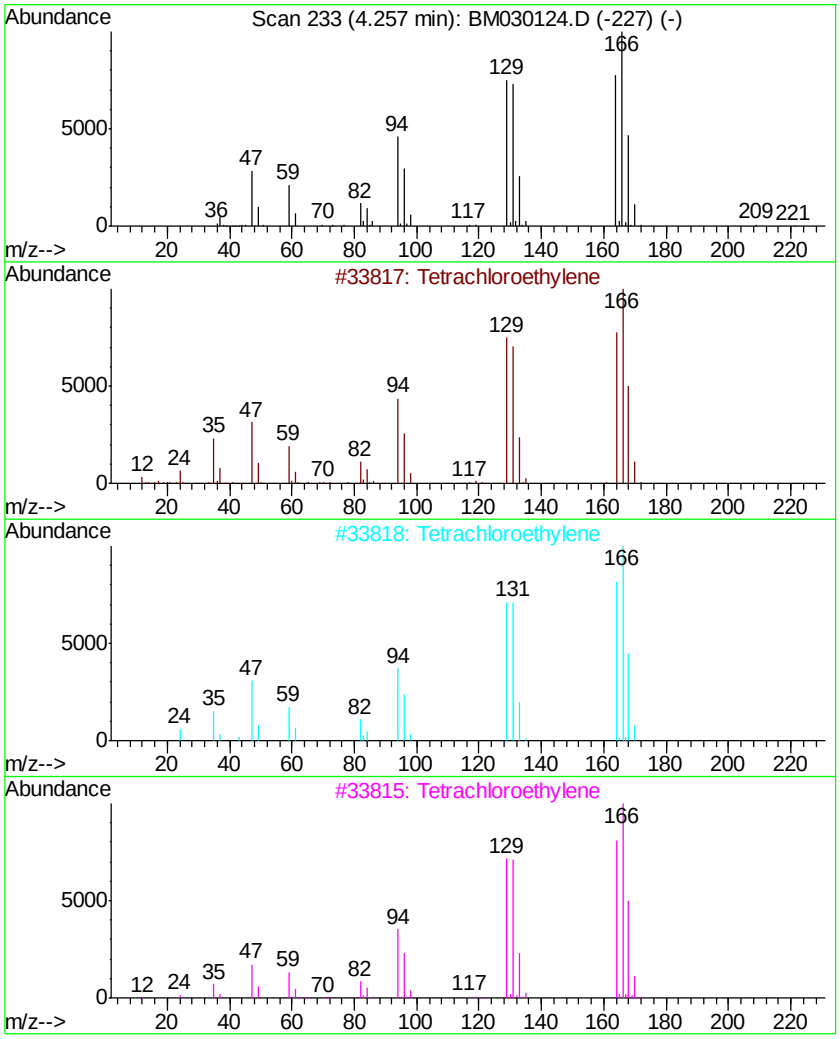
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

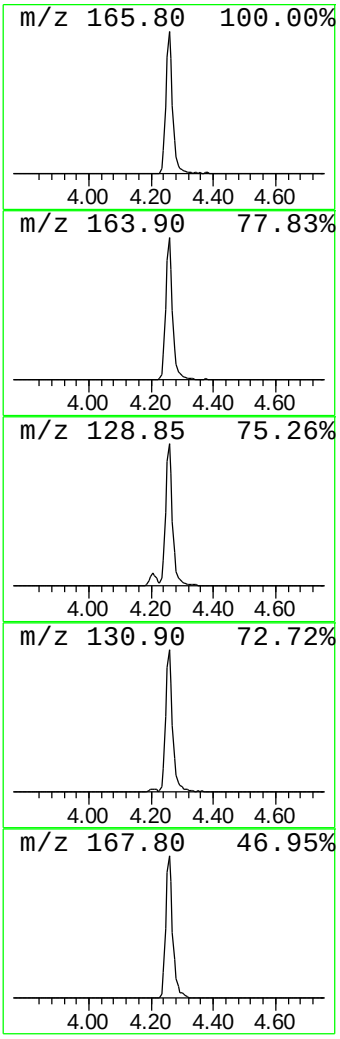
****

Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	6.49 ng/ul	275372	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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

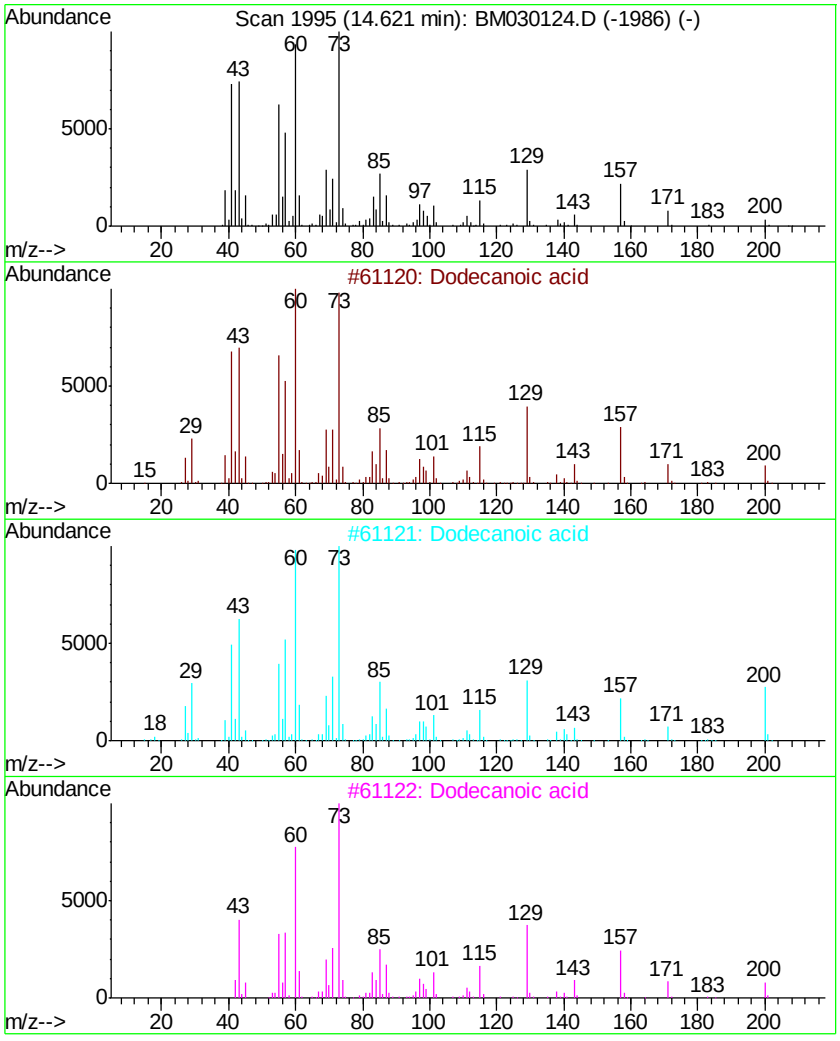
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

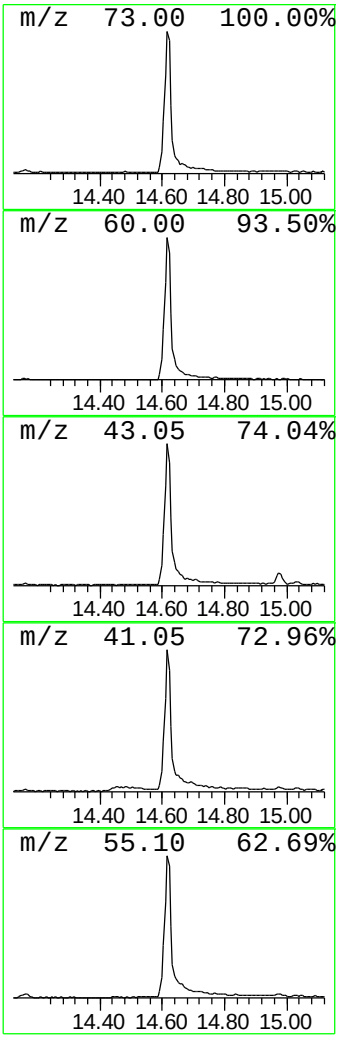
****

Peak Number 2 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	7.40 ng/ul	653341	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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

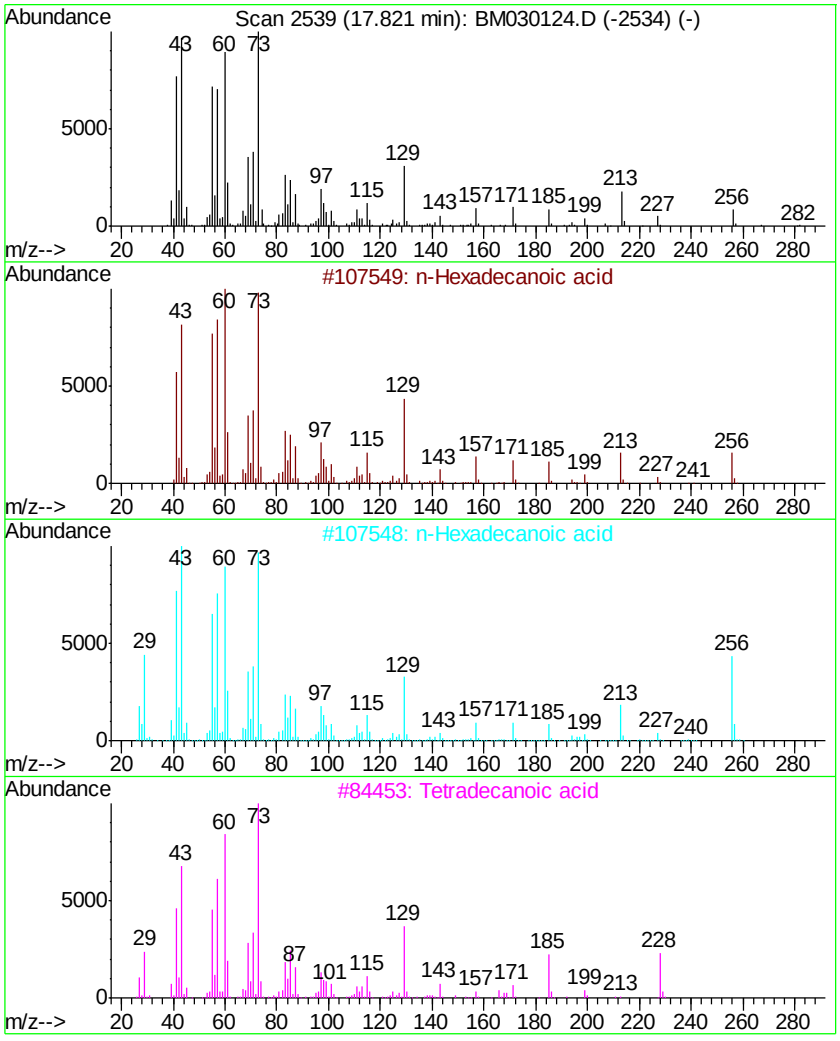
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

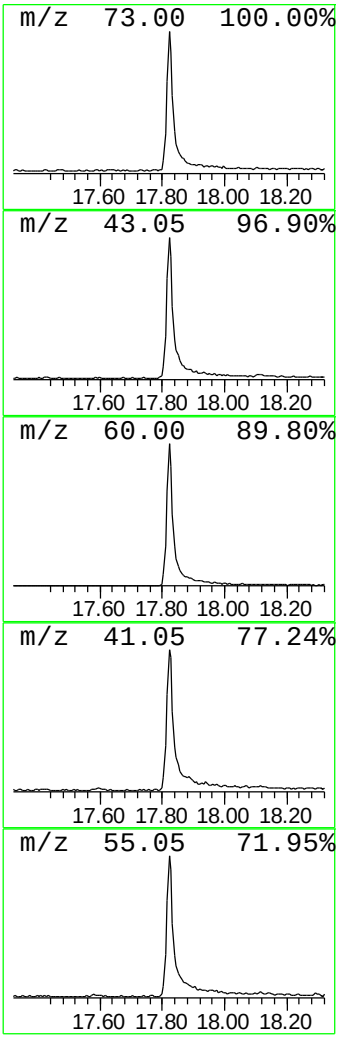
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	6.03 ng/ul	607622	Phenanthrene-d10	16.91

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	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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

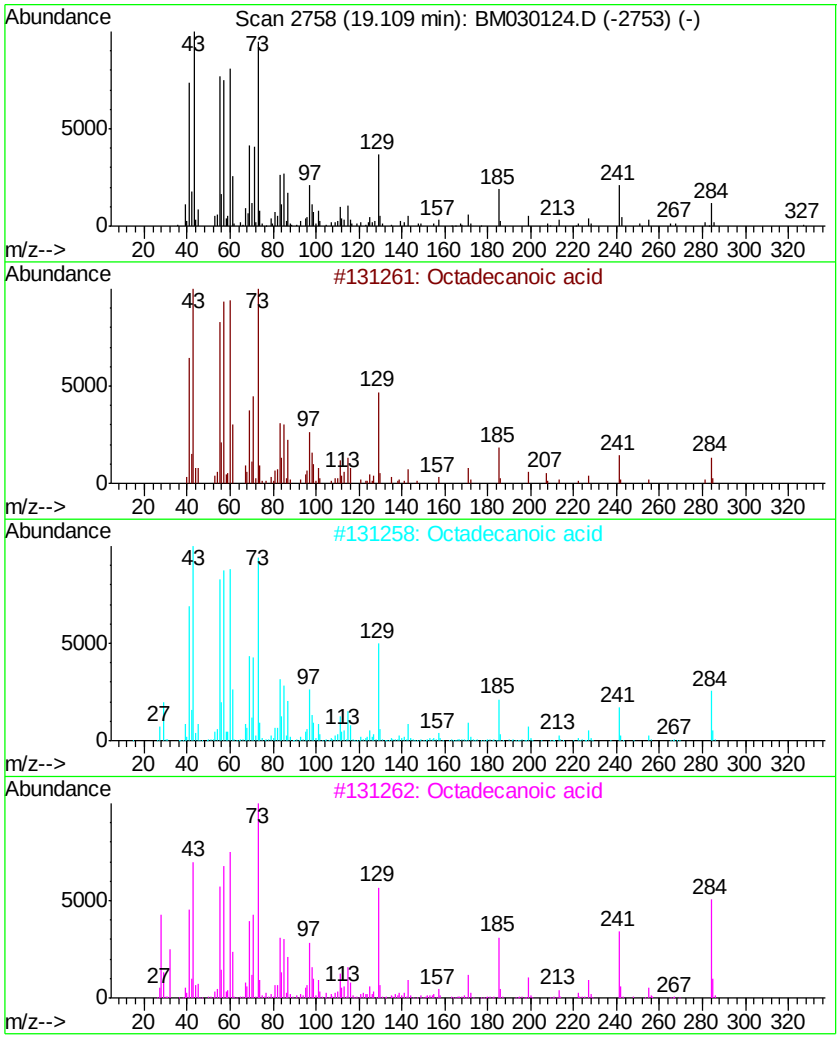
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

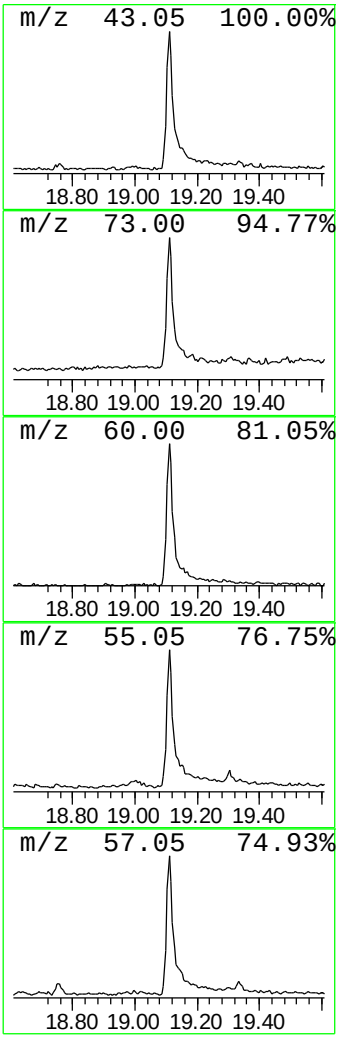
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	3.64 ng/ul	347756	Chrysene-d12	21.10

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	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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

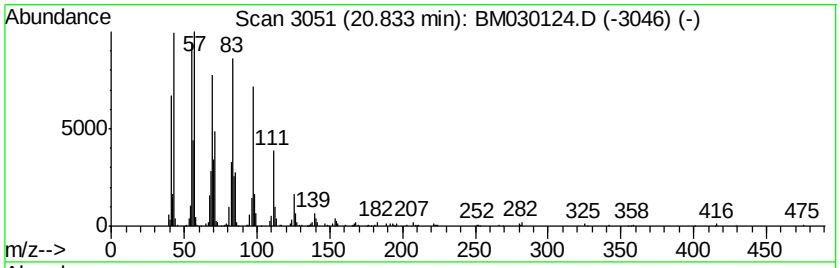
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

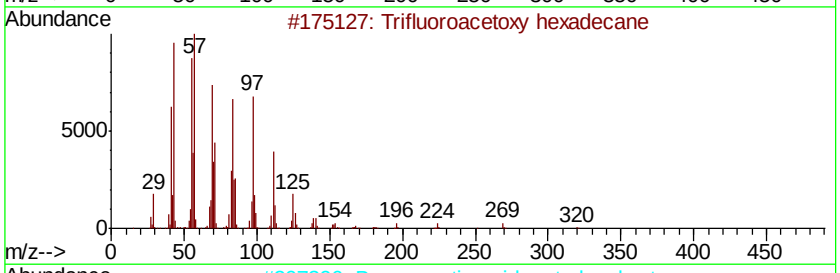
****

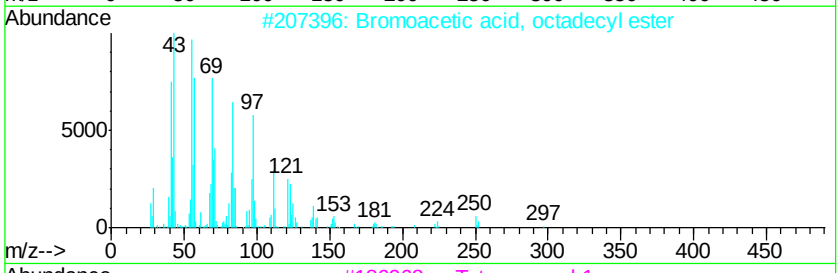
Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

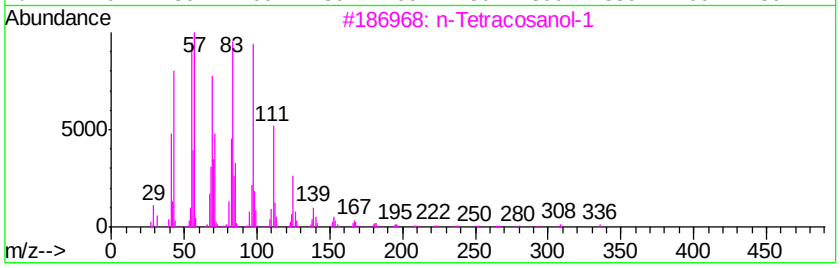
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.19 ng/ul	495901	Chrysene-d12	21.10

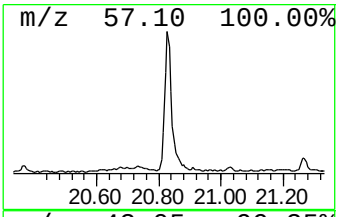
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91

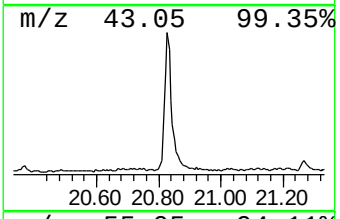


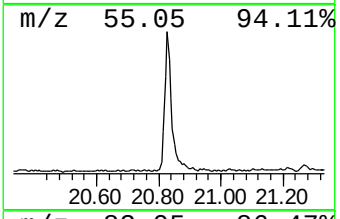


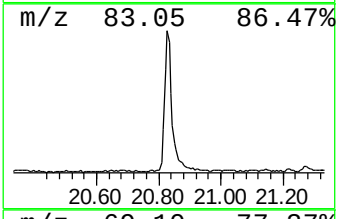


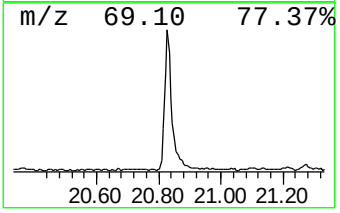












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

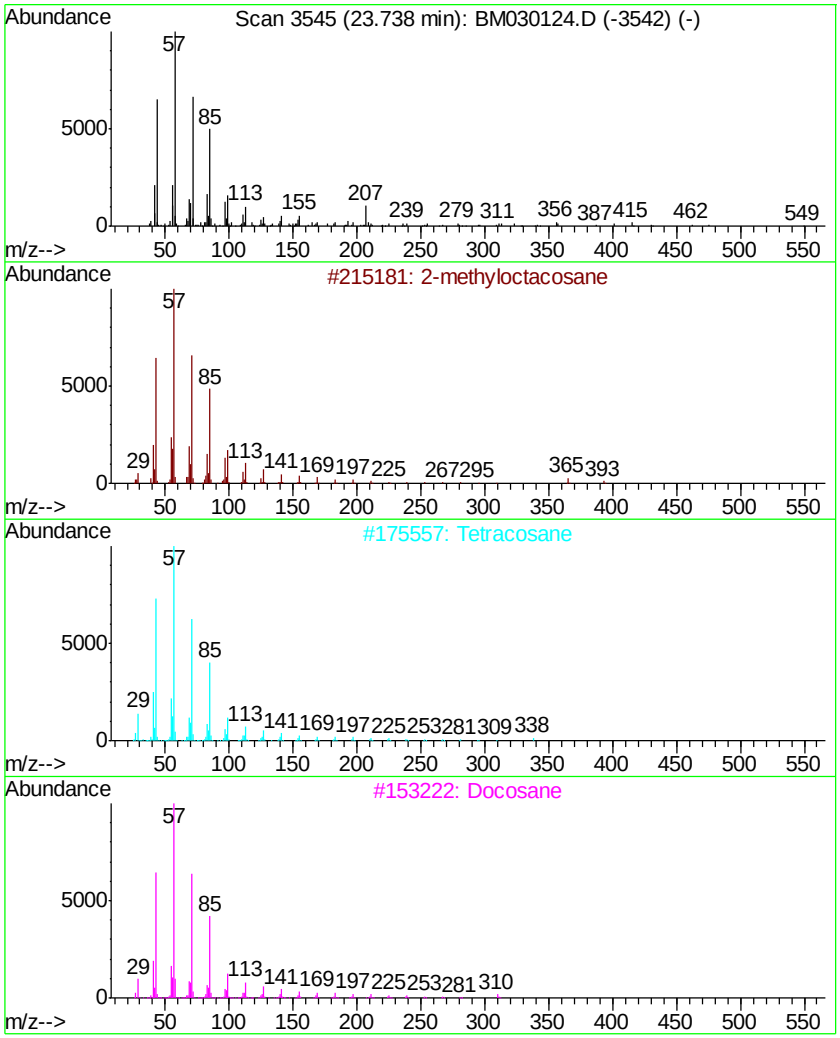
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

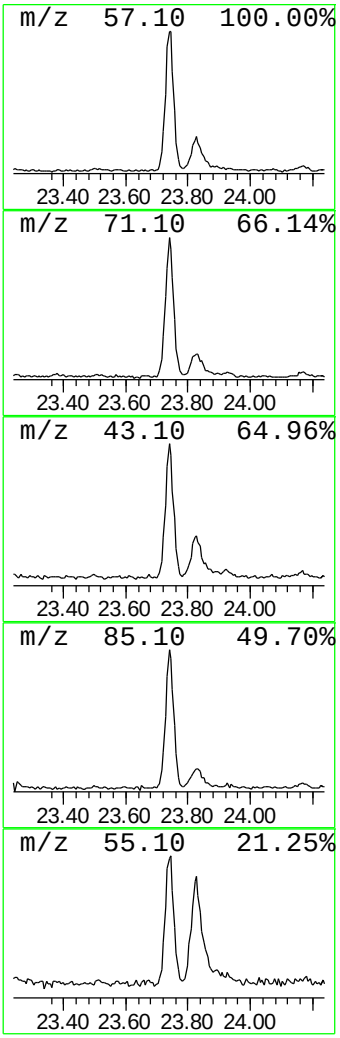
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.39 ng/ul	217547	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	Tetracosane	338	C24H50	000646-31-1	83
3	Docosane	310	C22H46	000629-97-0	83
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052021\
Data File : BM030124.D
Acq On : 21 May 2021 22:06
Operator : CG/JU
Sample : M2474-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB401

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
Tetrachloroethylene	4.26	6.5	ng/ul	275372	1	7.51	848689	20.0
Dodecanoic acid	14.62	7.4	ng/ul	653341	3	14.16	1766660	20.0
n-Hexadecanoic acid	17.82	6.0	ng/ul	607622	4	16.91	2013860	20.0
Octadecanoic acid	19.11	3.6	ng/ul	347756	5	21.10	1909660	20.0
Trifluoroacetoxy ...	20.83	5.2	ng/ul	495901	5	21.10	1909660	20.0
(DEL) Alkane: Str...	23.74	2.4	ng/ul	217547	6	23.24	1819630	20.0