LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
Data File : BM041945.D
Acq On : 20 Sep 2023 19:16
Operator : MA/JU
Sample : 04436-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CPT103-02

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM091823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	314	318	328	rVB	148356	208167	2.08%	0.338%
2	5.499	386	393	404	rBV	3949692	5583364	55.80%	9.065%
3	7.104	658	666	681	rBV	3871398	6133050	61.29%	9.957%
4	7.957	804	811	823	rBV	1079383	1716955	17.16%	2.788%
5	9.151	1006	1014	1026	rBV	2348382	3752581	37.50%	6.092%
6	10.775	1282	1290	1298	rBV	1442410	2424032	24.23%	3.936%
7	13.222	1699	1706	1719	rVB	5382896	8026561	80.22%	13.031%
8	13.445	1738	1744	1753	rBV	65278	110947	1.11%	0.180%
9	14.604	1934	1941	1949	rBV	2232563	3258027	32.56%	5.290%
10	16.098	2188	2195	2209	rBV	4712502	6622342	66.18%	10.752%
11	17.357	2402	2409	2422	rBV	2725102	3877016	38.75%	6.295%
12	18.204	2547	2553	2564	rBV	418465	676373	6.76%	1.098%
13	19.474	2764	2769	2778	rBV	291970	430764	4.30%	0.699%
14	19.962	2847	2852	2858	rBV	8049119	10006234	100.00%	16.246%
15	20.633	2961	2966	2976	rBV	946762	1265721	12.65%	2.055%
16	21.192	3057	3061	3071	rBV	314716	483984	4.84%	0.786%
17	21.527	3113	3118	3126	rBV	2942477	3758821	37.56%	6.103%
18	23.944	3522	3529	3540	rVB	1581162	3258641	32.57%	5.291%

Sum of corrected areas: 61593580

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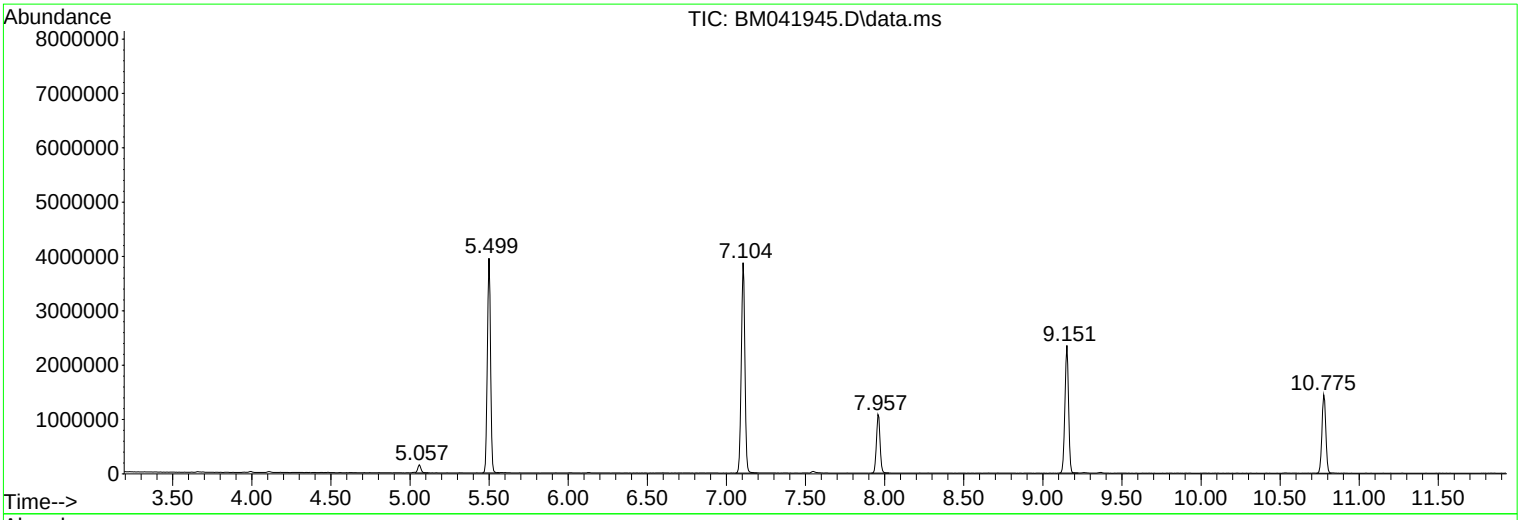
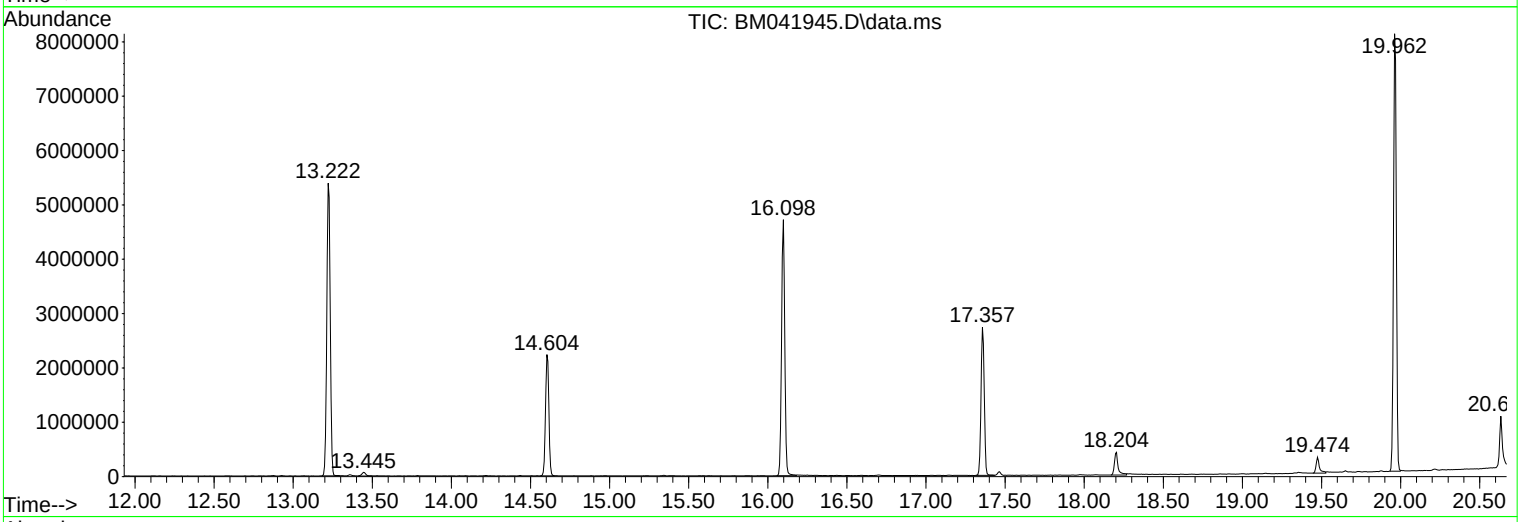
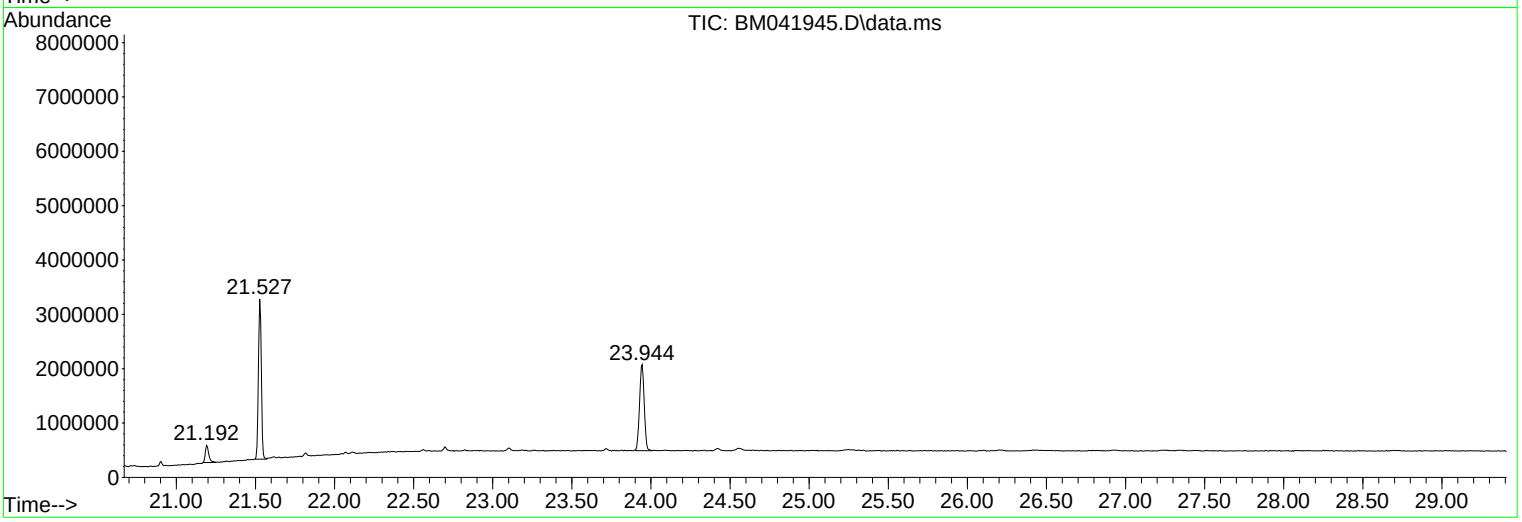
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Library : C:\Database\NIST20.L
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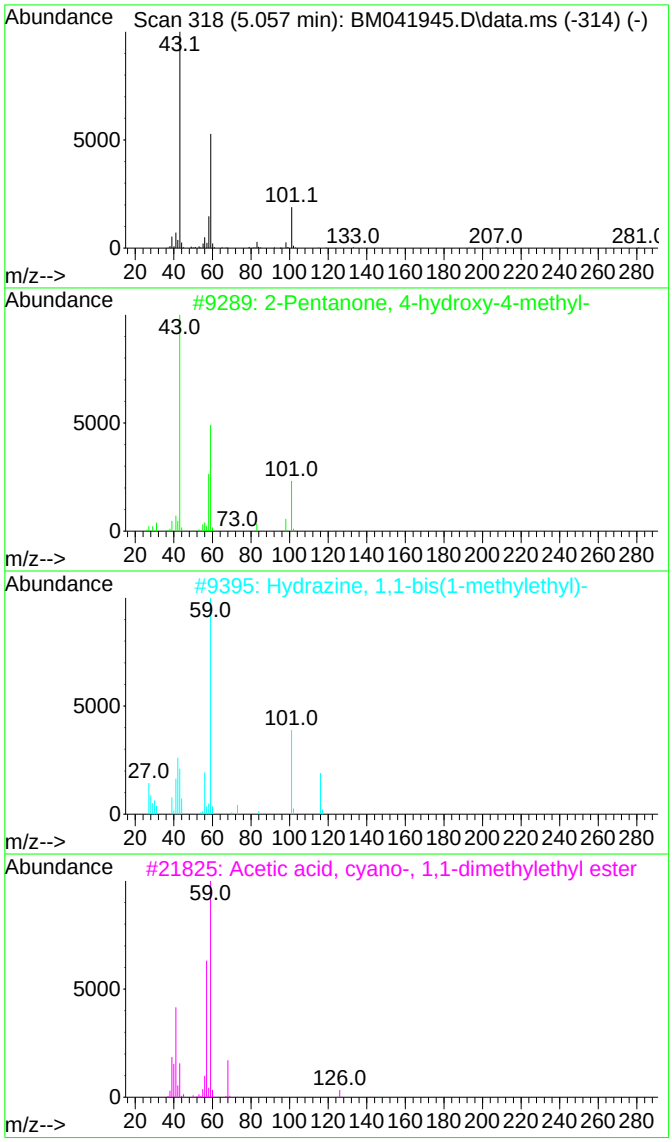
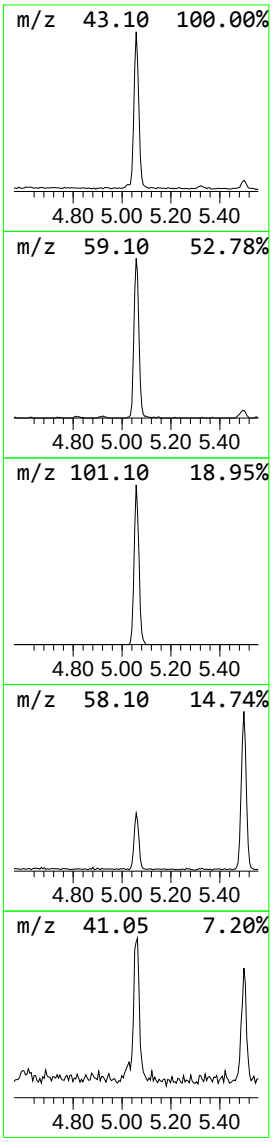
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.42 ng	208167	1,4-Dichlorobenzene-d4	7.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Hexanamide	115	C6H13NO	000628-02-4	16





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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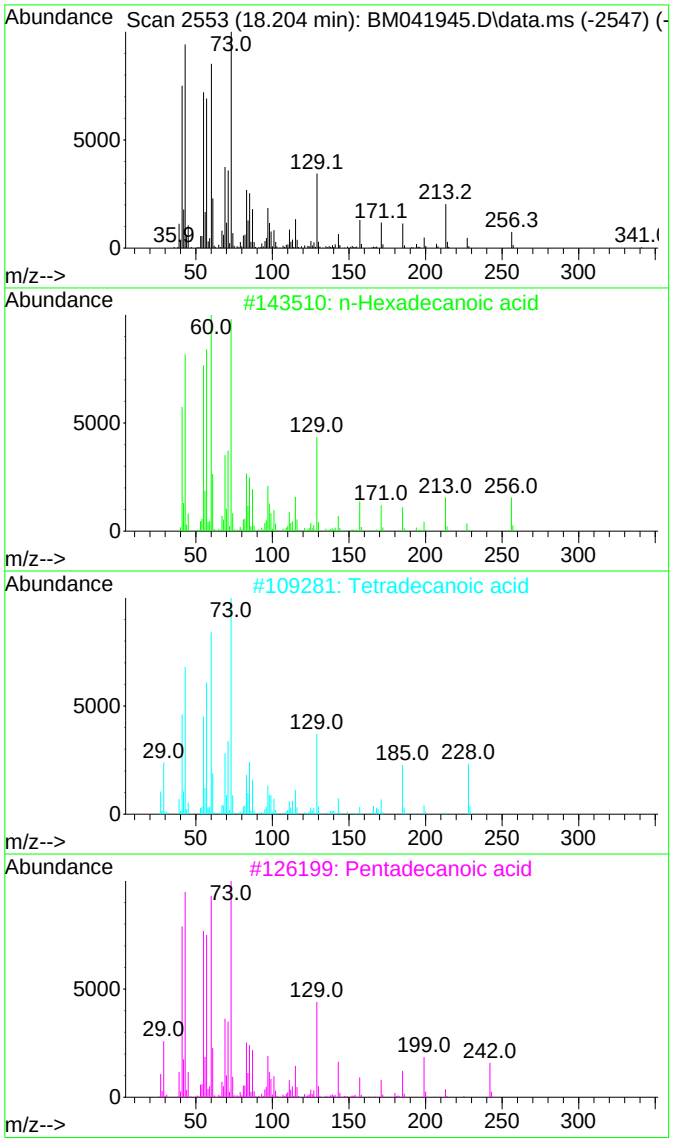
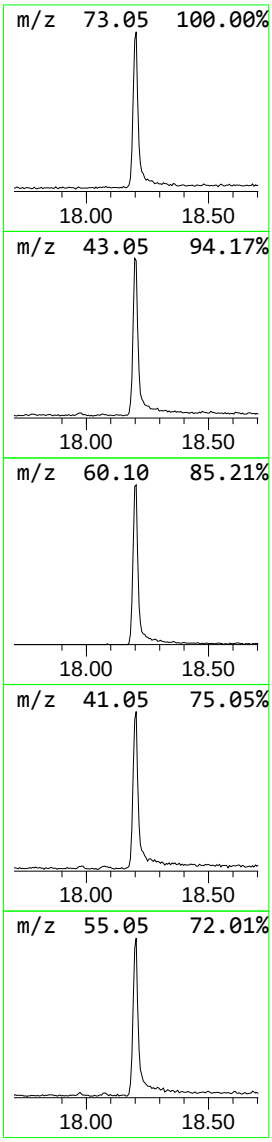
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.49 ng	676373	Phenanthrene-d10	17.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74





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ALS Vial : 16 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
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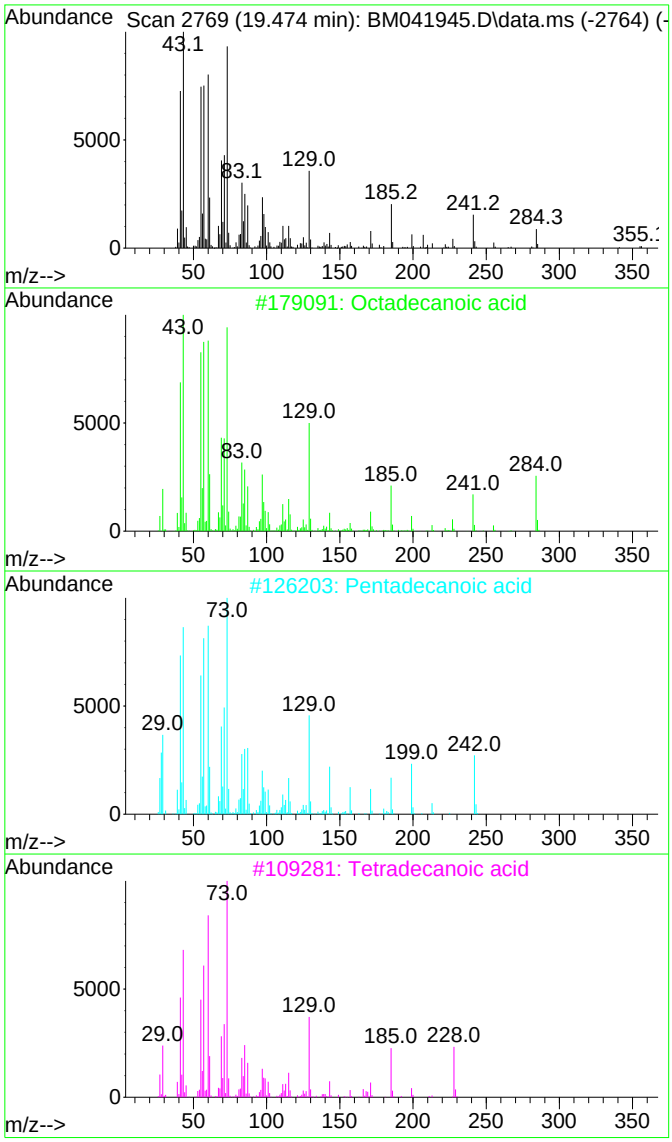
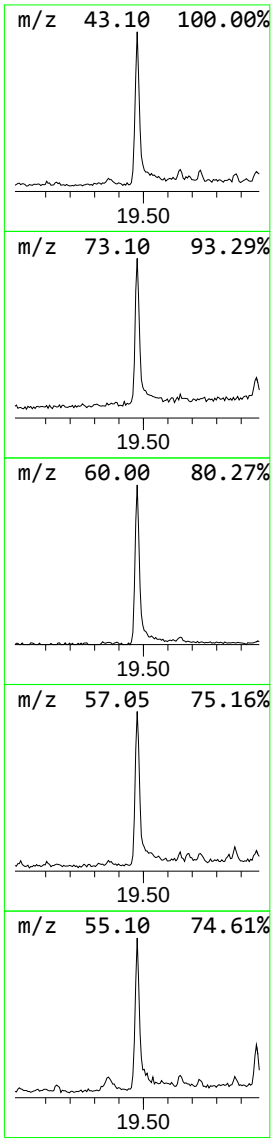
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	2.29 ng	430764	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46





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Instrument :
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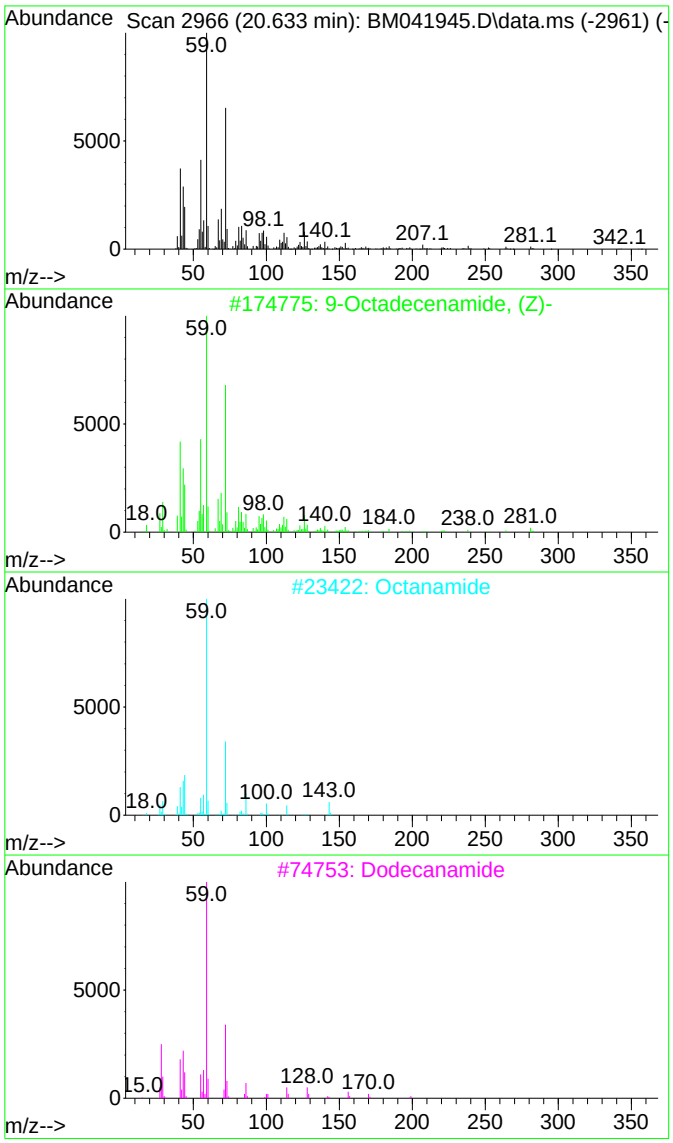
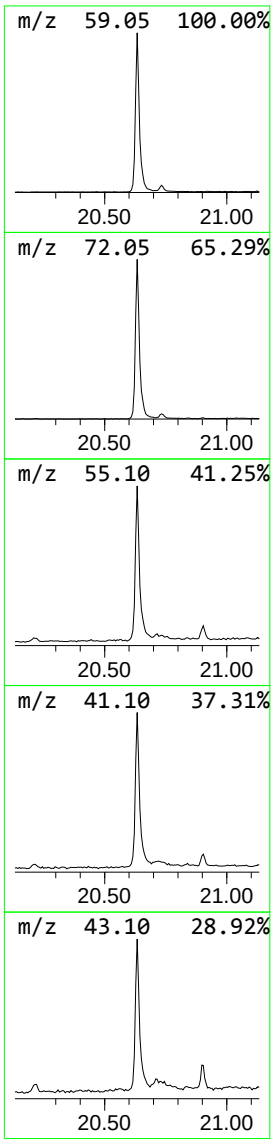
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.633	6.73 ng	1265720	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Octanamide	143	C8H17NO	000629-01-6	64
3	Dodecanamide	199	C12H25NO	001120-16-7	59
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
5	Thiazole, 4,5-dimethyl-2-(4-meth...	282	C12H14N2O2S2	1000263-85-7	43





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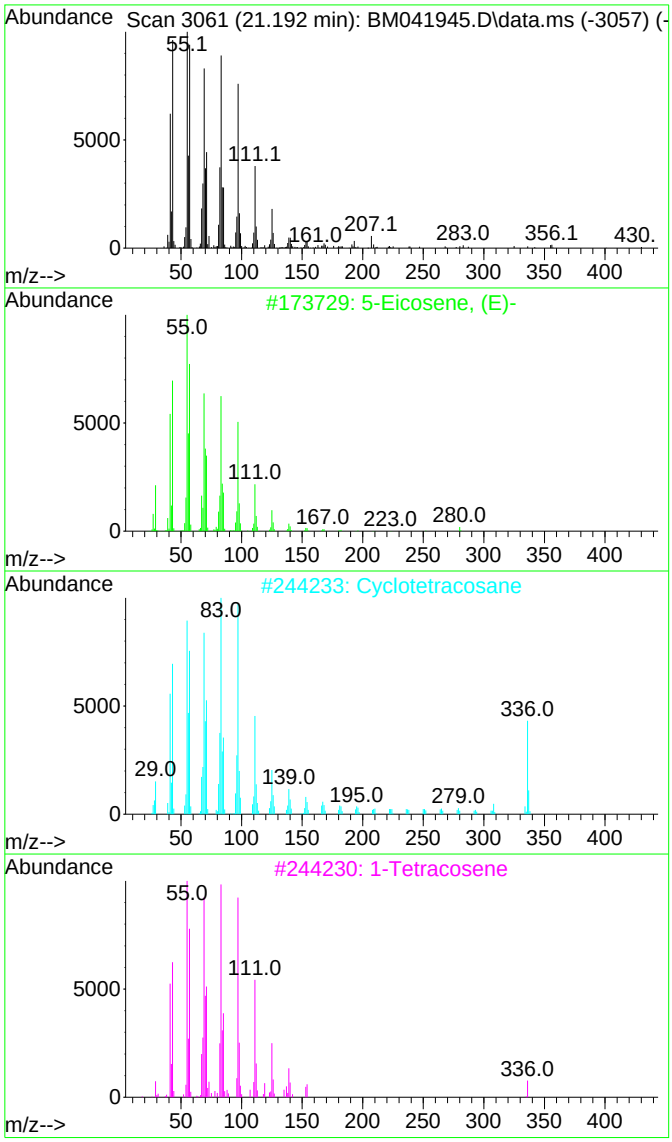
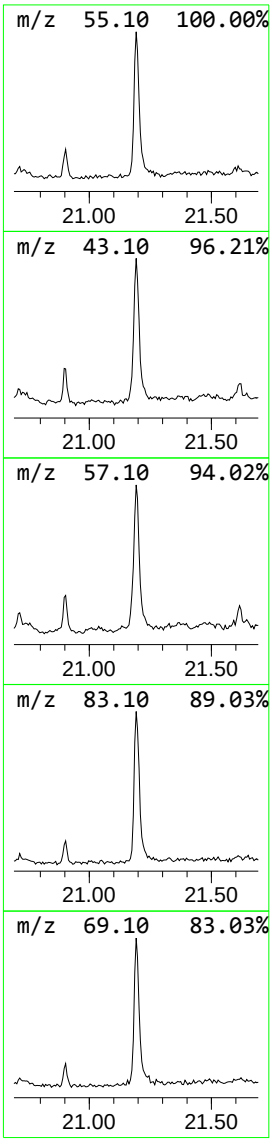
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	2.58 ng	483984	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclotetracosane	336	C24H48	000297-03-0	97
3	1-Tetracosene	336	C24H48	010192-32-2	96
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

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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-Pentanone, 4-...	5.057	2.4	ng	208167	1	7.957	1716960	20.0
n-Hexadecanoic ...	18.204	3.5	ng	676373	4	17.357	3877020	20.0
Octadecanoic acid	19.474	2.3	ng	430764	5	21.527	3758820	20.0
9-Octadecenamid...	20.633	6.7	ng	1265720	5	21.527	3758820	20.0
5-Eicosene, (E)-	21.192	2.6	ng	483984	5	21.527	3758820	20.0