LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050119.D
Acq On : 06 May 2025 14:41
Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	330	rBV	314551	462068	3.51%	0.701%
2	5.340	393	400	427	rBV	3297150	5130802	38.92%	7.781%
3	6.934	664	671	694	rBV	2839721	5153041	39.09%	7.814%
4	7.745	802	809	820	rBV	1025296	1661363	12.60%	2.519%
5	8.904	998	1006	1030	rBV	1761302	3349123	25.41%	5.079%
6	10.539	1276	1284	1303	rBV	1125911	2160900	16.39%	3.277%
7	13.010	1697	1704	1730	rBV	5447575	8609253	65.31%	13.056%
8	14.392	1932	1939	1955	rBV	1930650	2963619	22.48%	4.494%
9	15.751	2163	2170	2185	rBV	659198	1037002	7.87%	1.573%
10	15.892	2185	2194	2212	rBV	4349580	6942437	52.67%	10.528%
11	17.139	2397	2406	2413	rBV2	2100403	3400537	25.80%	5.157%
12	18.039	2554	2559	2586	rBV	1345151	2506005	19.01%	3.800%
13	19.203	2753	2757	2768	rVV2	98997	263000	2.00%	0.399%
14	19.321	2773	2777	2789	rBV	275451	490436	3.72%	0.744%
15	19.768	2847	2853	2862	rBV	11066978	13181679	100.00%	19.990%
16	21.056	3068	3072	3084	rVB	642167	960122	7.28%	1.456%
17	21.386	3122	3128	3141	rBV	2310415	3656851	27.74%	5.545%
18	23.509	3484	3489	3494	rVB	315748	597285	4.53%	0.906%
19	24.374	3629	3636	3647	rVB	1356291	3417445	25.93%	5.182%

Sum of corrected areas: 65942968

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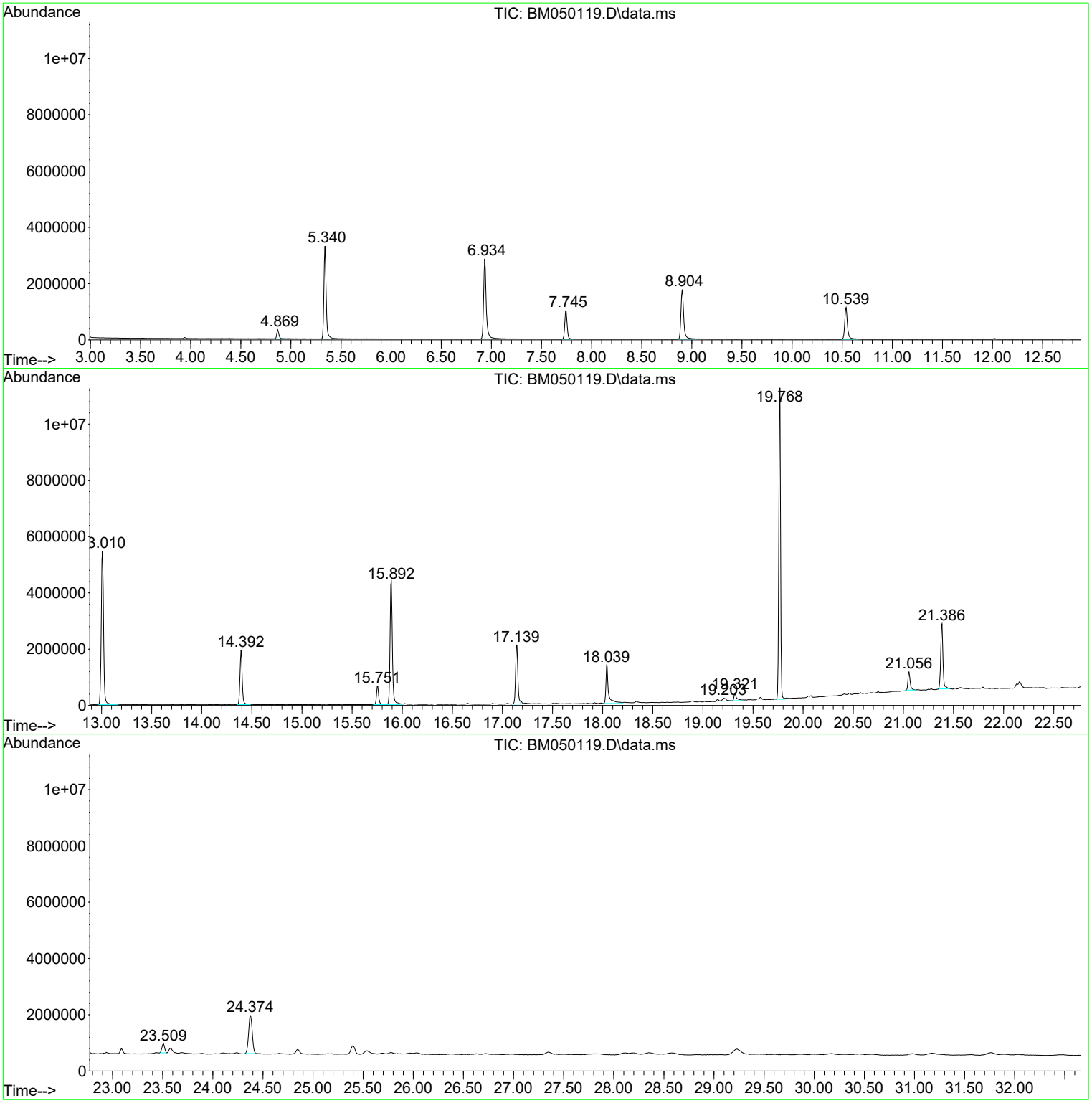
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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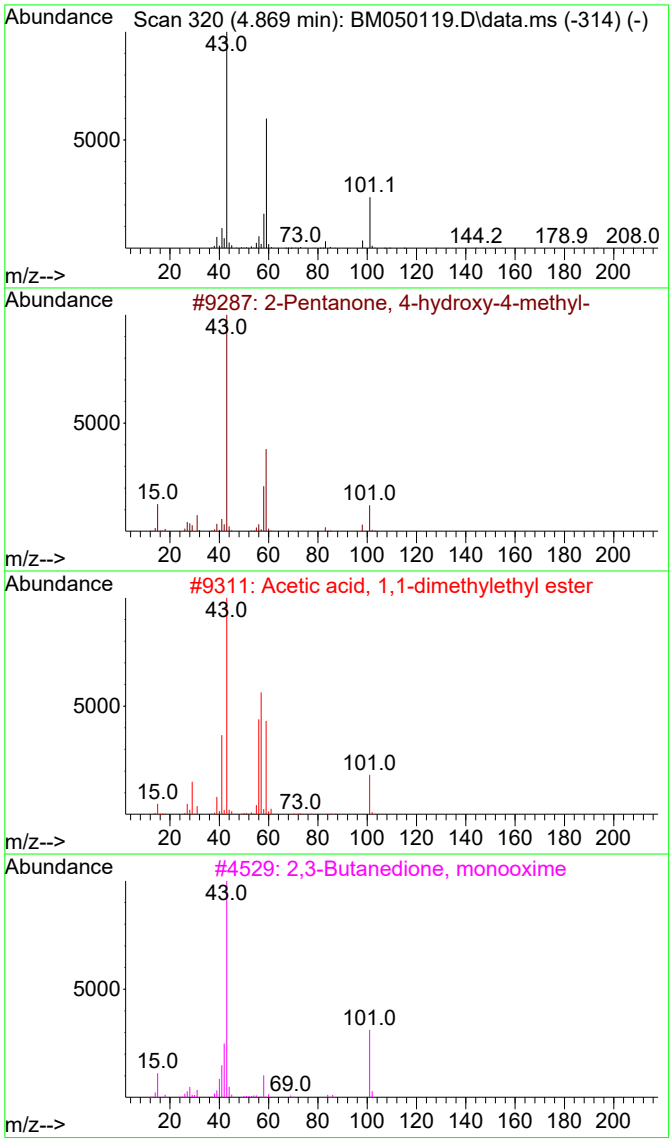
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

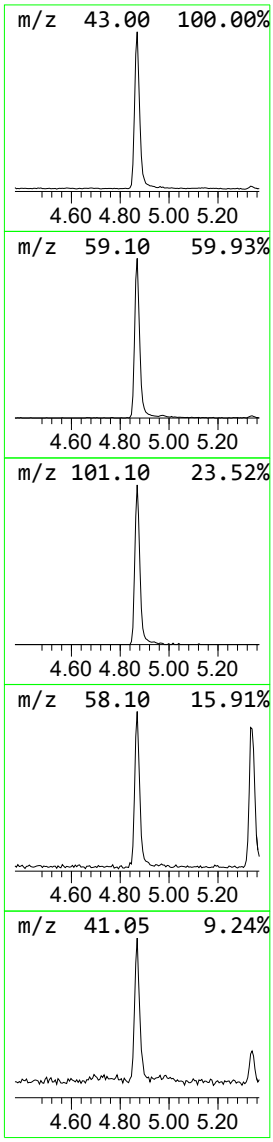
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.56 ng	462068	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Sample : Q1937-09
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Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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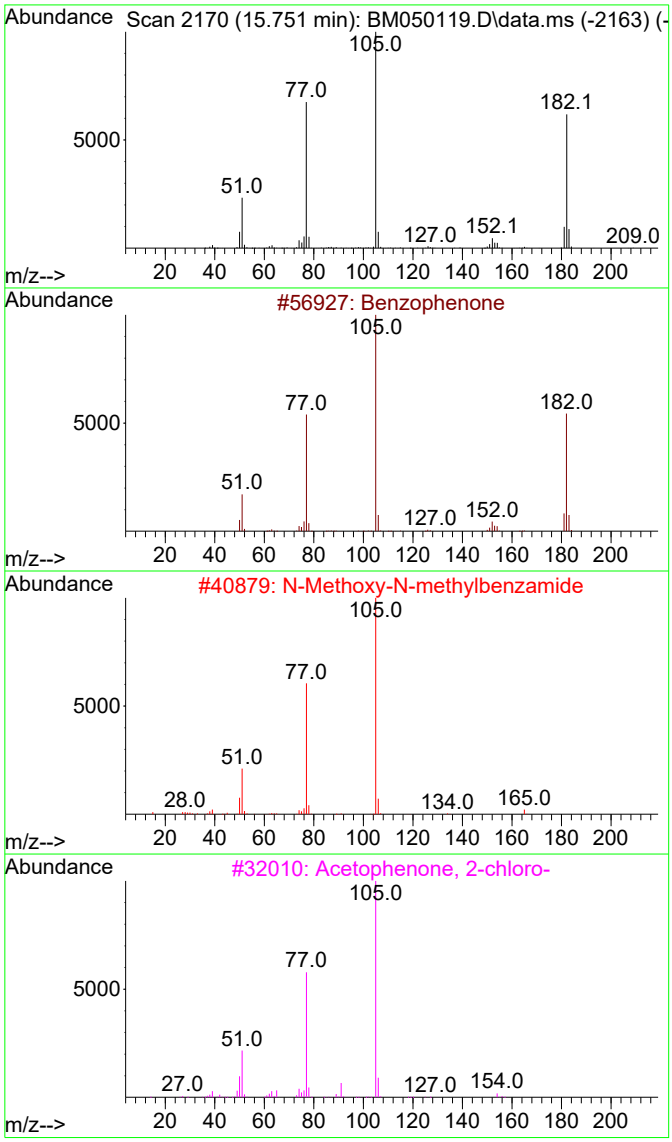
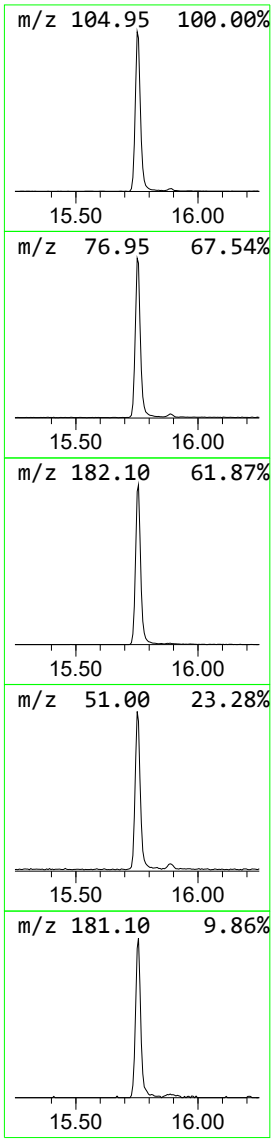
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	7.00 ng	1037000	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





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Operator : RC/JU
Sample : Q1937-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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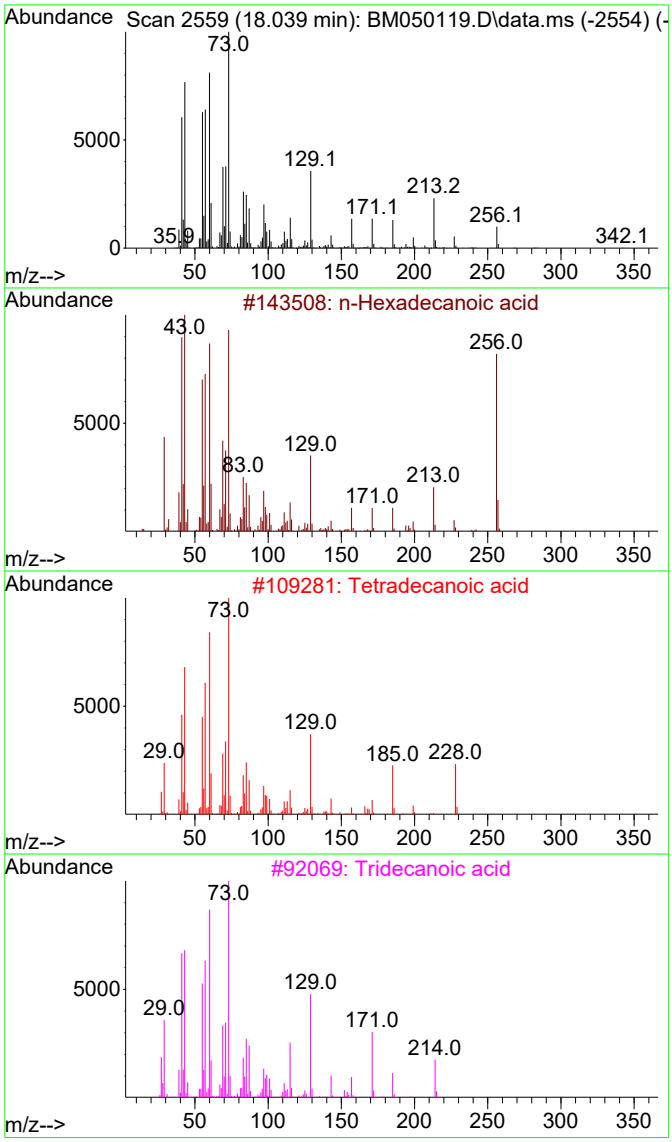
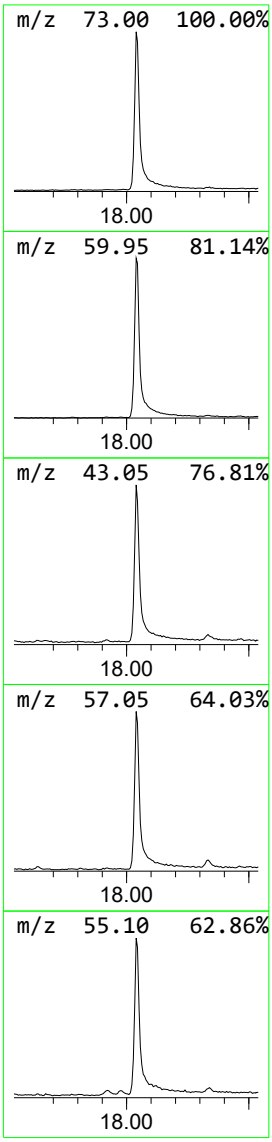
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	14.74 ng	2506010	Phenanthrene-d10	17.139

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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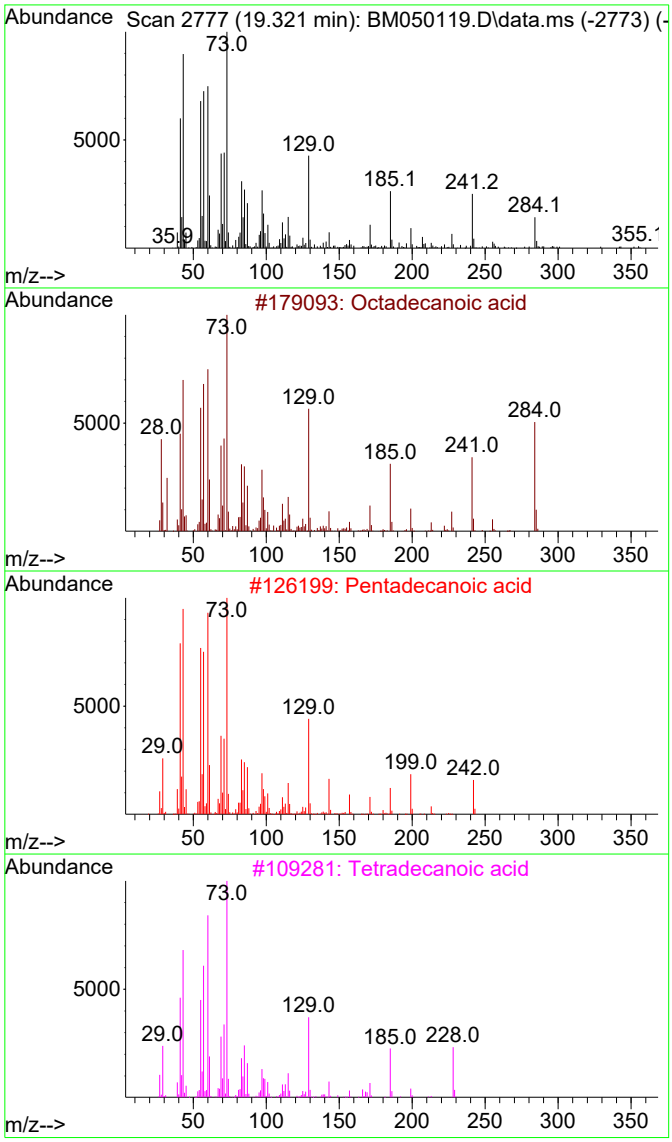
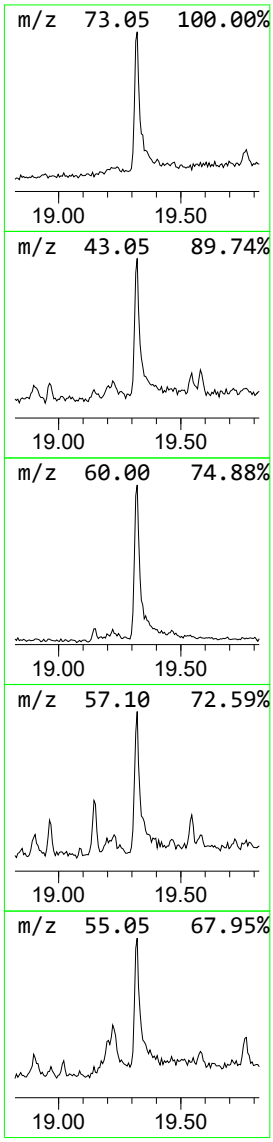
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	2.68 ng	490436	Chrysene-d12	21.386

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	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





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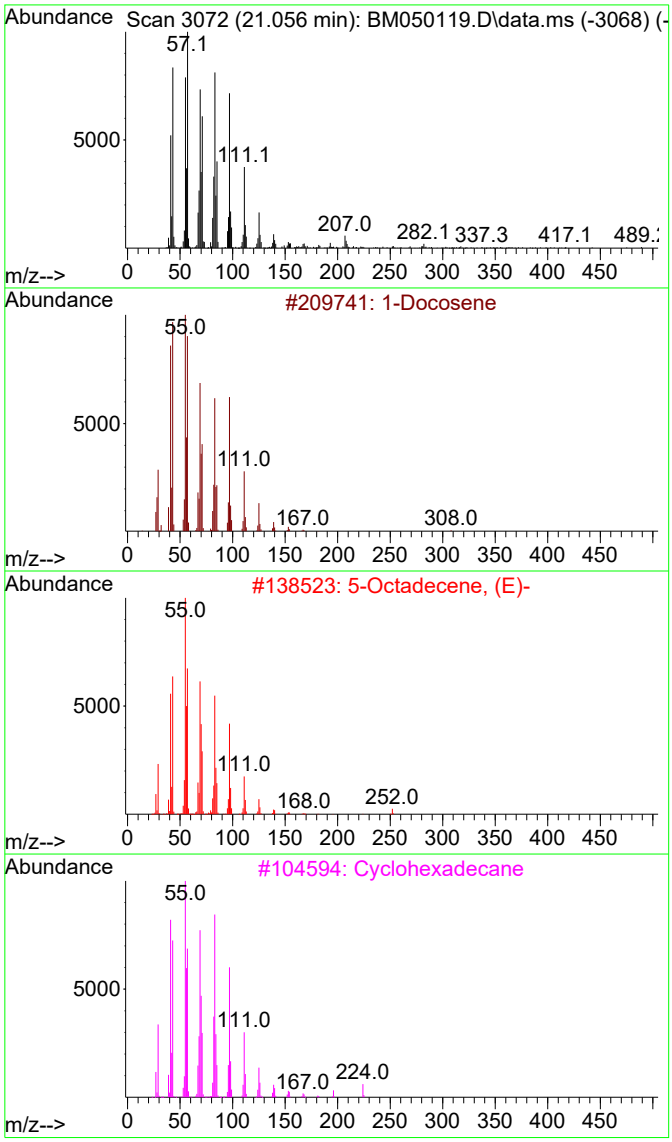
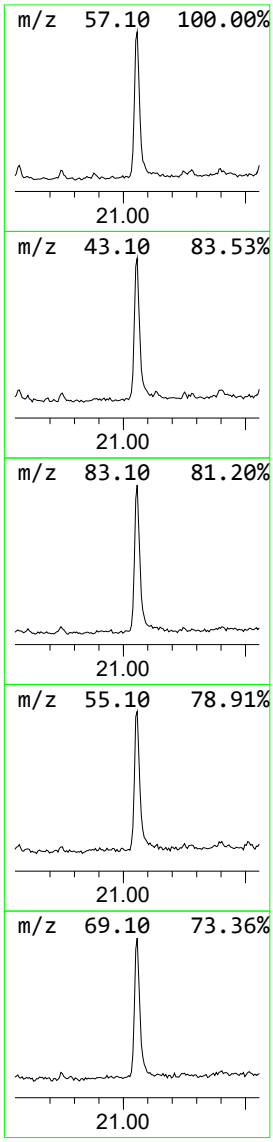
****

Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	5.25 ng	960122	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94





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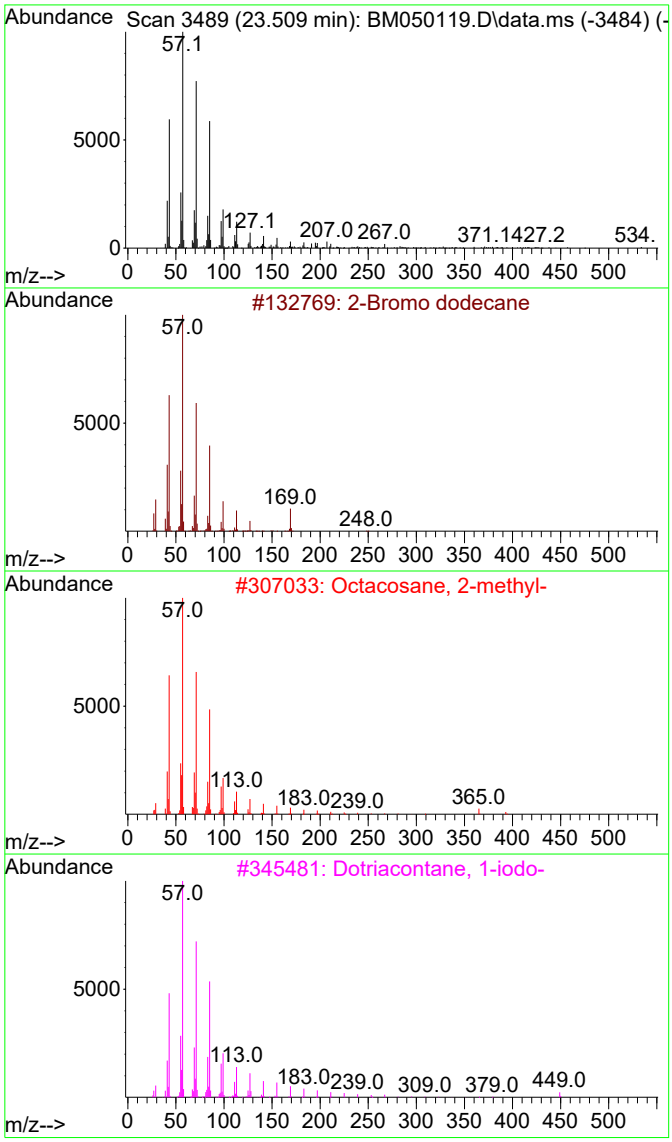
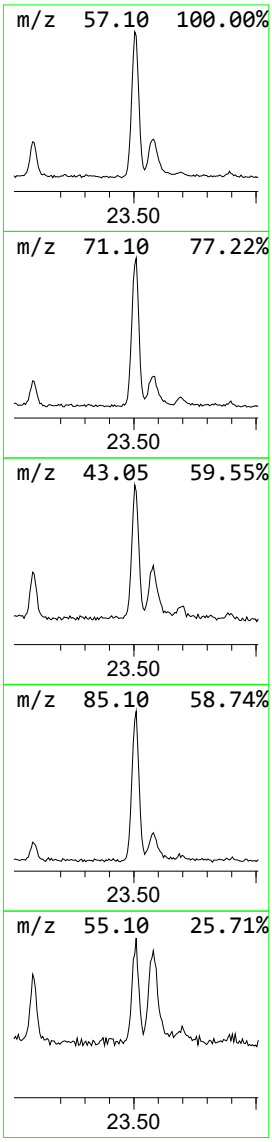
Peak Number 6 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	3.50 ng	597285	Perylene-d12	24.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
5	Hexacosane	366	C26H54	000630-01-3	91





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-...	4.869	5.6	ng	462068	1	7.745	1661360	20.0
Benzophenone	15.751	7.0	ng	1037000	3	14.392	2963620	20.0
n-Hexadecanoic ...	18.039	14.7	ng	2506010	4	17.139	3400540	20.0
Octadecanoic acid	19.321	2.7	ng	490436	5	21.386	3656850	20.0
1-Docosene	21.056	5.3	ng	960122	5	21.386	3656850	20.0
2-Bromo dodecane	23.509	3.5	ng	597285	6	24.374	3417450	20.0