LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

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: BM050117.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	297944	444464	3.53%	0.660%
2	5.340	393	400	418	rBV	3054876	4808751	38.14%	7.145%
3	6.934	664	671	694	rBV	2754761	5024903	39.86%	7.466%
4	7.745	802	809	820	rBV	964626	1599207	12.69%	2.376%
5	8.904	998	1006	1032	rBV	1754300	3275936	25.99%	4.867%
6	10.539	1274	1284	1298	rBV	1096978	2116930	16.79%	3.145%
7	12.016	1528	1535	1545	rBV	78633	156474	1.24%	0.232%
8	13.010	1696	1704	1724	rBV	5594418	8442086	66.97%	12.543%
9	14.392	1929	1939	1956	rBV	1853794	2954631	23.44%	4.390%
10	15.751	2164	2170	2181	rBV	722508	1056213	8.38%	1.569%
11	15.886	2185	2193	2204	rBV	4306871	6716379	53.28%	9.979%
12	17.139	2397	2406	2412	rBV2	2112434	3354986	26.61%	4.985%
13	17.921	2533	2539	2544	rBV3	70072	128509	1.02%	0.191%
14	18.045	2554	2560	2583	rBV	2257363	3827783	30.36%	5.687%
15	19.145	2744	2747	2750	rBV	154148	183885	1.46%	0.273%
16	19.203	2753	2757	2759	rBV2	140749	199106	1.58%	0.296%
17	19.321	2772	2777	2794	rBV	608832	1080733	8.57%	1.606%
18	19.574	2817	2820	2828	rVB2	102631	159002	1.26%	0.236%
19	19.768	2847	2853	2861	rBV	10465428	12606520	100.00%	18.730%
20	21.056	3068	3072	3081	rVB	771613	1095464	8.69%	1.628%
21	21.386	3122	3128	3147	rBV	2316617	3686061	29.24%	5.477%
22	23.509	3484	3489	3495	rVB	530857	981124	7.78%	1.458%
23	24.374	3629	3636	3649	rVB	1383212	3406621	27.02%	5.061%

Sum of corrected areas: 67305768

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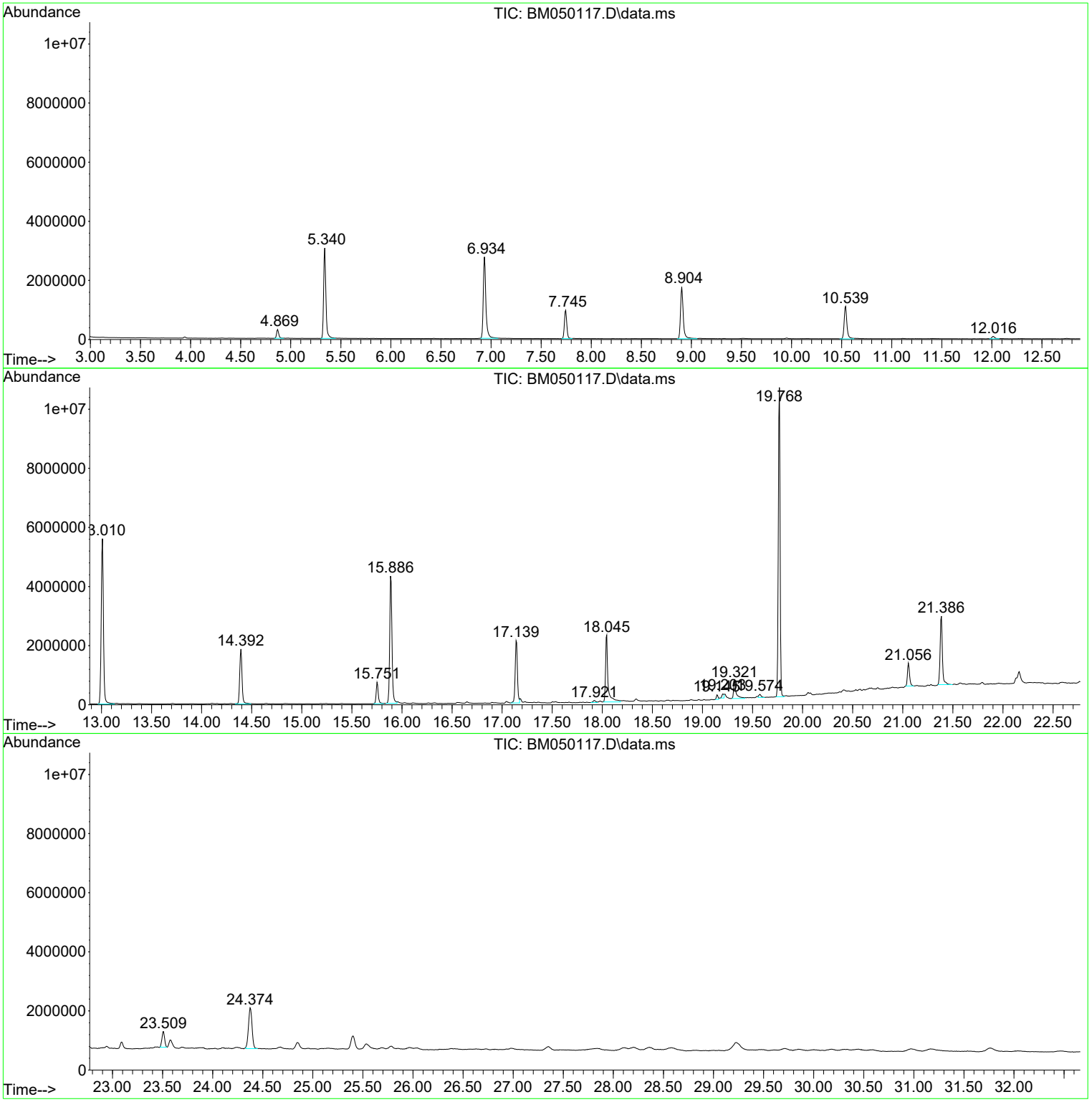
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST20.L
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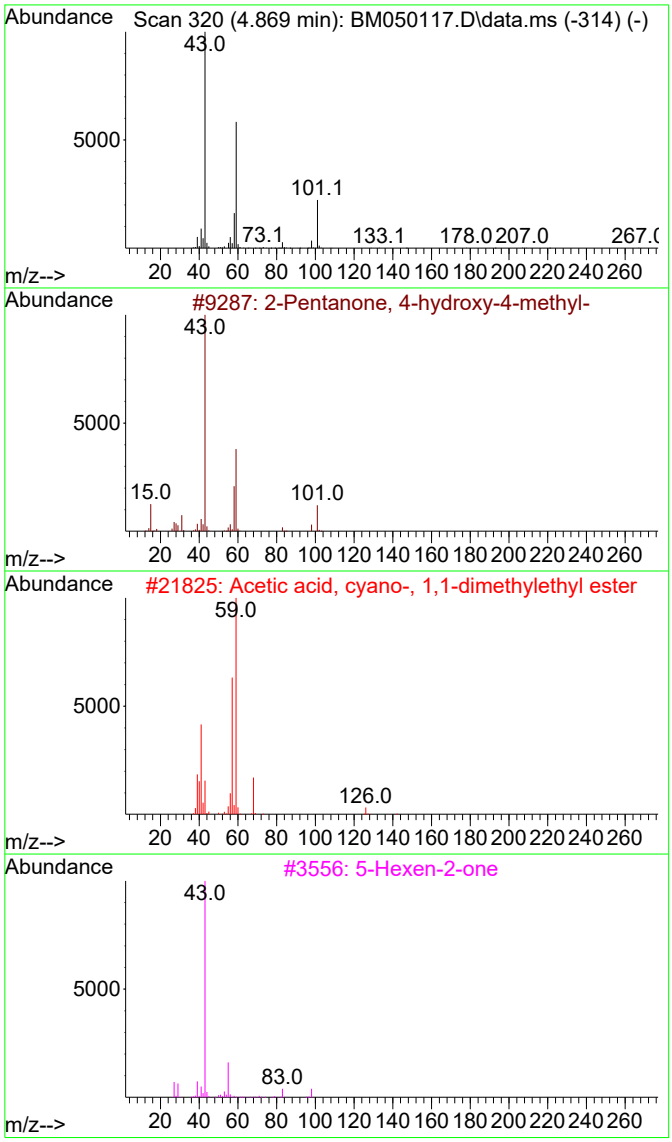
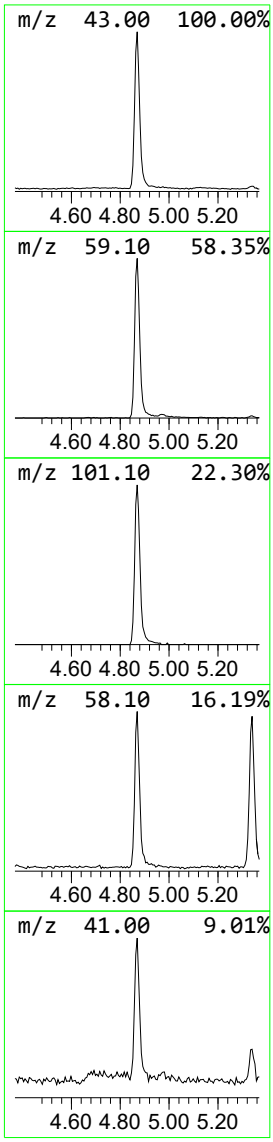
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.56 ng	444464	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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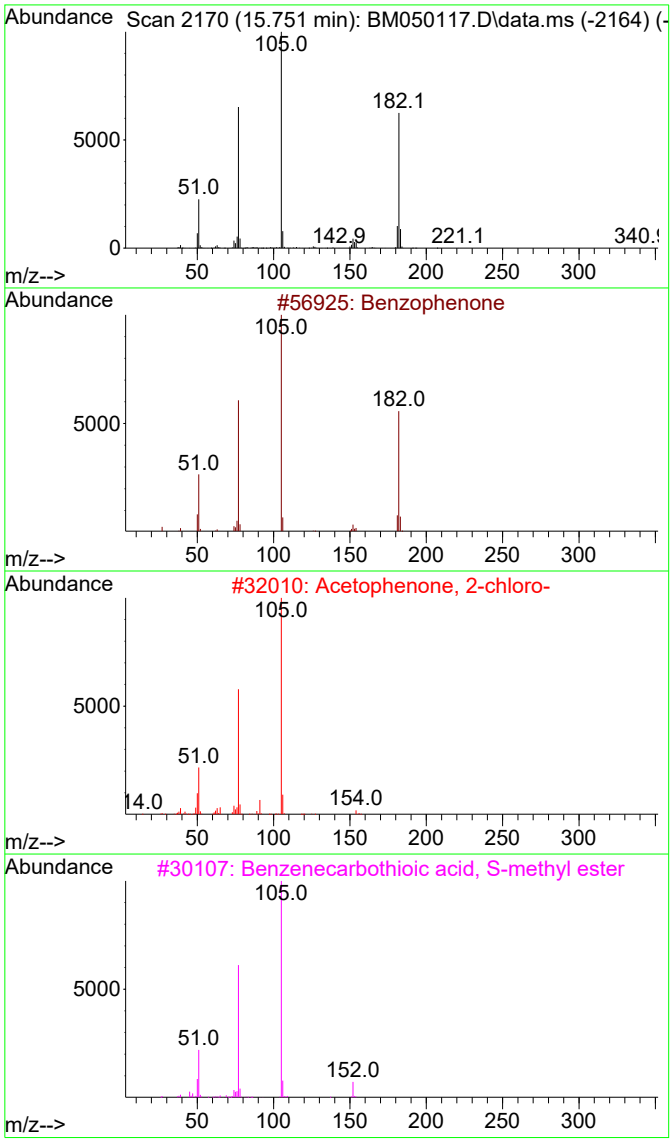
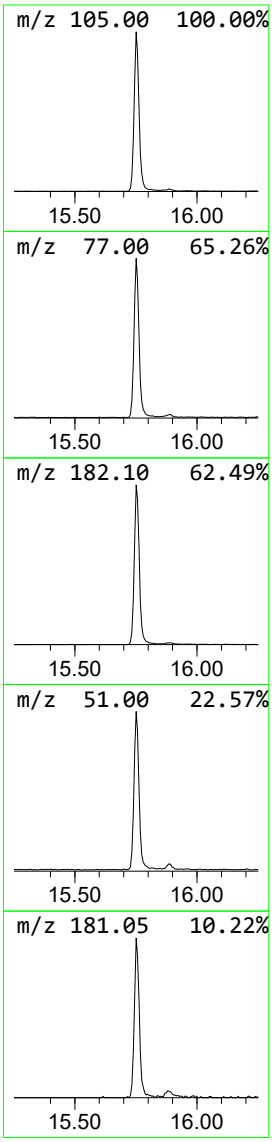
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	7.15 ng	1056210	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LARGE-PILE-F

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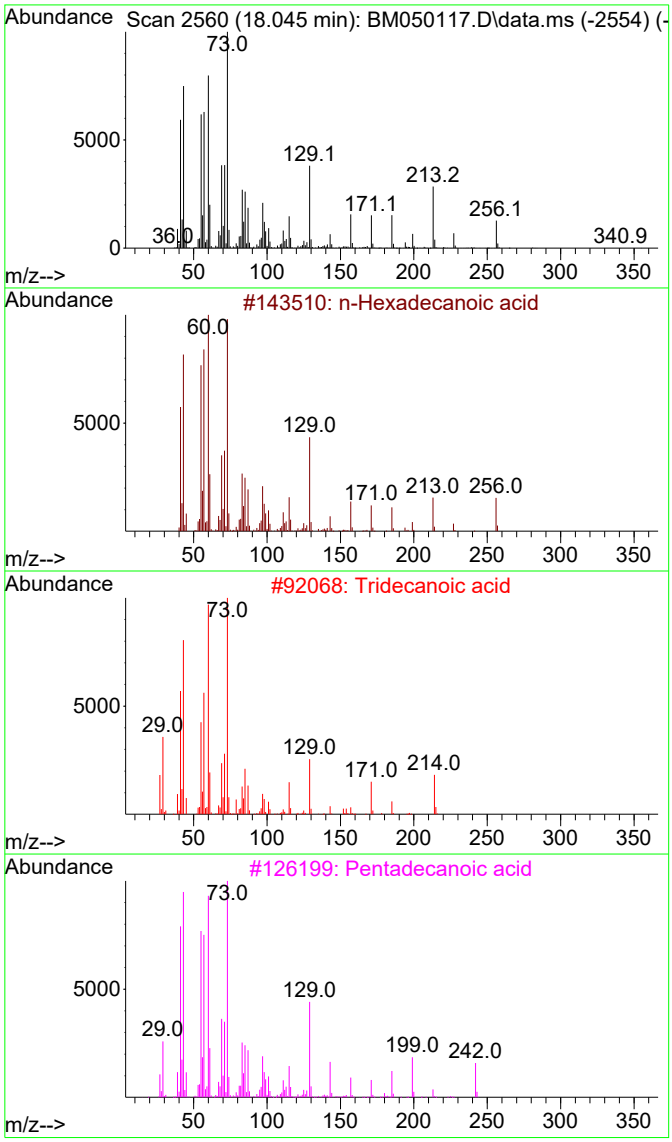
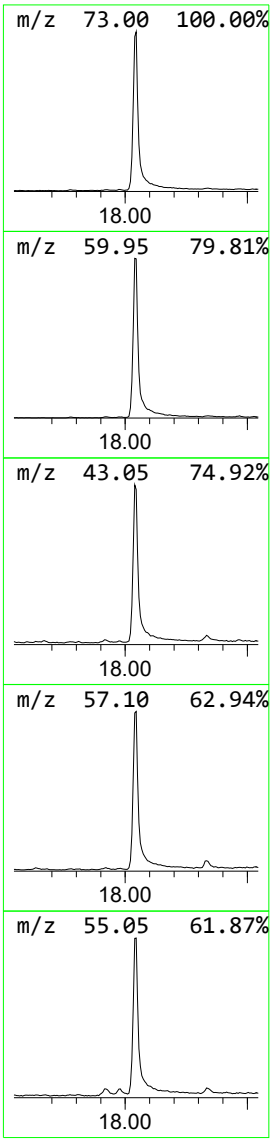
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	22.82 ng	3827780	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Sample : Q1937-11
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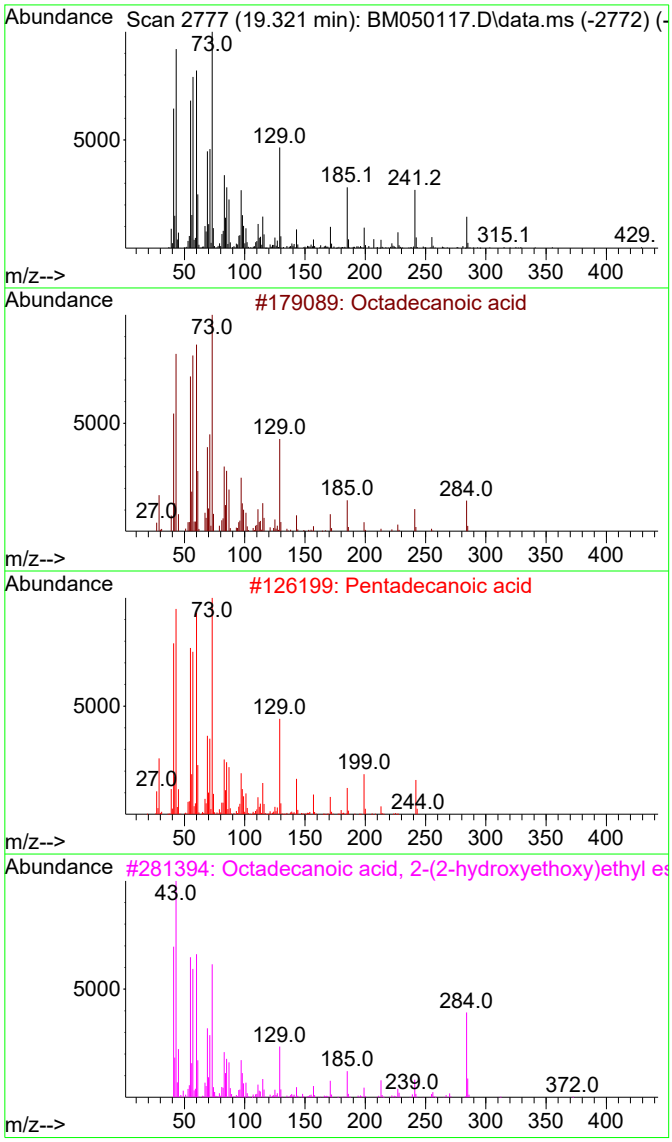
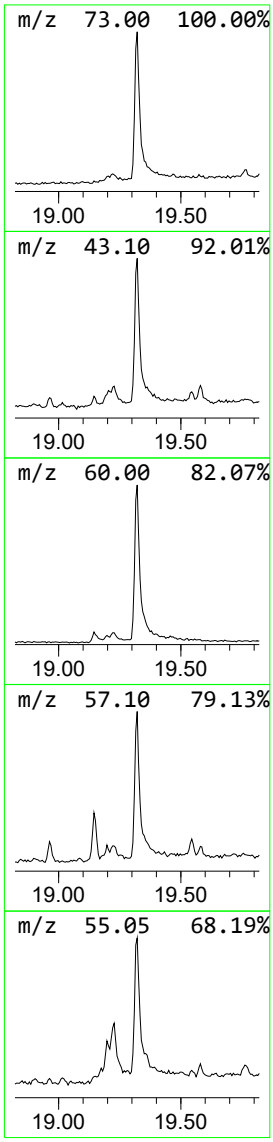
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	5.86 ng	1080730	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	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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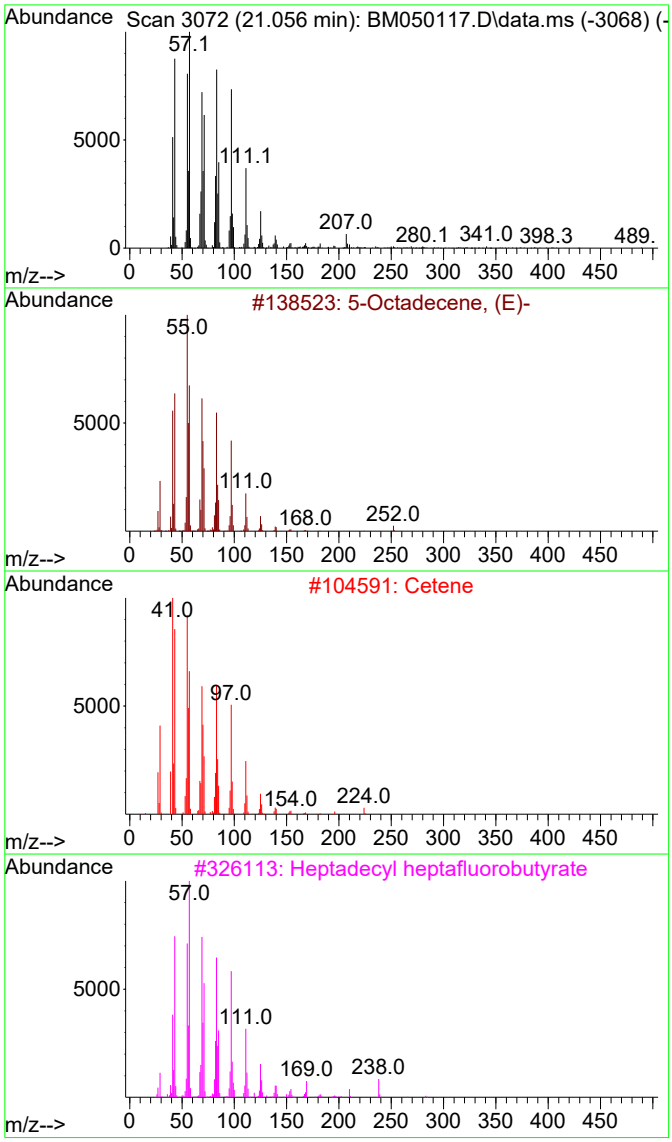
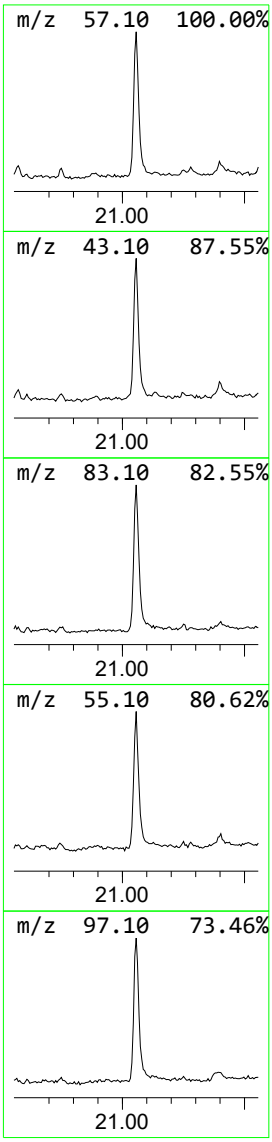
Peak Number 5 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	5.94 ng	1095460	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	Cetene	224	C16H32	000629-73-2	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





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

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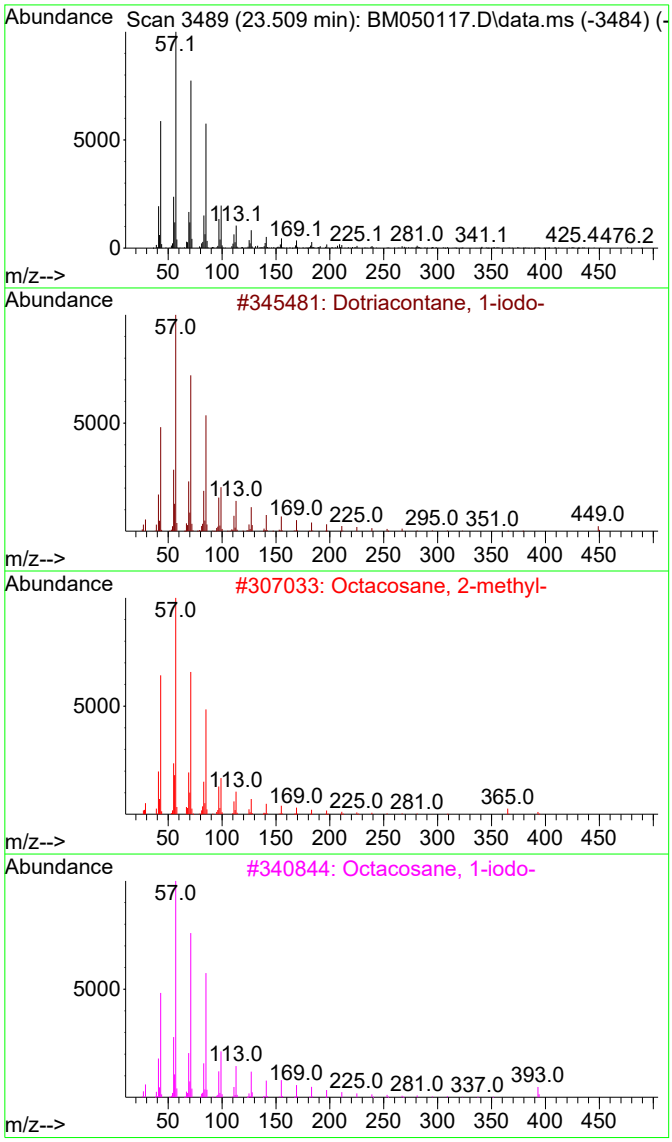
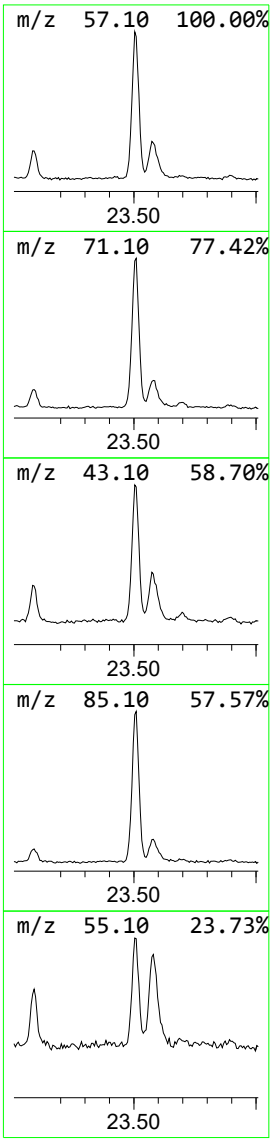
Peak Number 6 Dotriacontane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	5.76 ng	981124	Perylene-d12	24.374

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90





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	444464	1	7.745	1599210	20.0
Benzophenone	15.751	7.2	ng	1056210	3	14.392	2954630	20.0
n-Hexadecanoic ...	18.045	22.8	ng	3827780	4	17.139	3354990	20.0
Octadecanoic acid	19.321	5.9	ng	1080730	5	21.386	3686060	20.0
5-Octadecene, (E)-	21.056	5.9	ng	1095460	5	21.386	3686060	20.0
Dotriacontane, ...	23.509	5.8	ng	981124	6	24.374	3406620	20.0