LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050118.D
Acq On : 06 May 2025 14:02
Operator : RC/JU
Sample : Q1947-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-O

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: BM050118.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	239139	362572	4.16%	0.693%
2	5.340	393	400	418	rBV	2209285	3512891	40.35%	6.717%
3	6.934	660	671	696	rBV	2119993	4051226	46.53%	7.746%
4	7.745	799	809	819	rBV	947391	1569032	18.02%	3.000%
5	8.904	998	1006	1027	rBV	1137640	2228406	25.60%	4.261%
6	10.539	1276	1284	1296	rBV	1043522	1997706	22.95%	3.820%
7	13.010	1696	1704	1721	rBV	3584405	5817307	66.82%	11.123%
8	14.392	1932	1939	1957	rBV	1739483	2793464	32.09%	5.341%
9	15.757	2164	2171	2186	rBV	392337	656655	7.54%	1.256%
10	15.892	2187	2194	2213	rBV	3079397	5104435	58.63%	9.760%
11	17.139	2400	2406	2419	rBV2	1954680	3192687	36.67%	6.104%
12	18.039	2554	2559	2577	rBV	719995	1443308	16.58%	2.760%
13	19.321	2773	2777	2786	rBV2	147589	301650	3.46%	0.577%
14	19.768	2847	2853	2861	rBV	7162788	8705812	100.00%	16.645%
15	20.462	2968	2971	2975	rBV	159843	169771	1.95%	0.325%
16	20.674	3001	3007	3028	rVB3	840385	3321958	38.16%	6.351%
17	21.056	3068	3072	3082	rBV2	285974	476152	5.47%	0.910%
18	21.386	3122	3128	3142	rVB	2180683	3314322	38.07%	6.337%
19	24.374	3629	3636	3651	rVB	1283872	3282709	37.71%	6.276%

Sum of corrected areas: 52302063

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Instrument :
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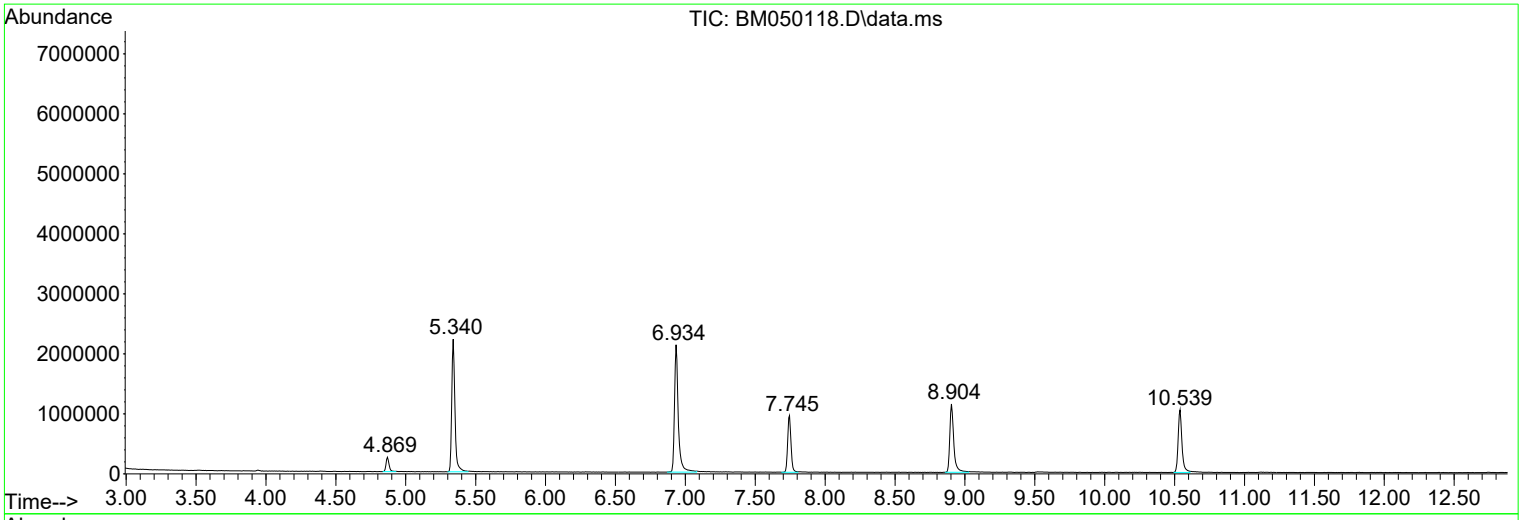
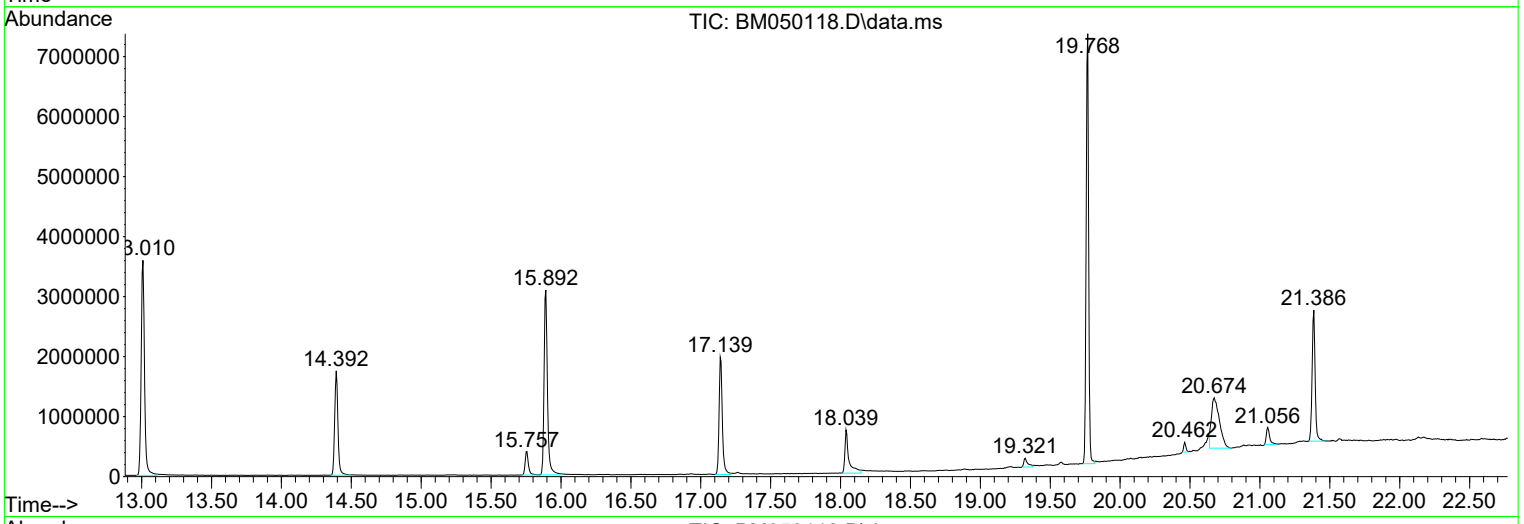
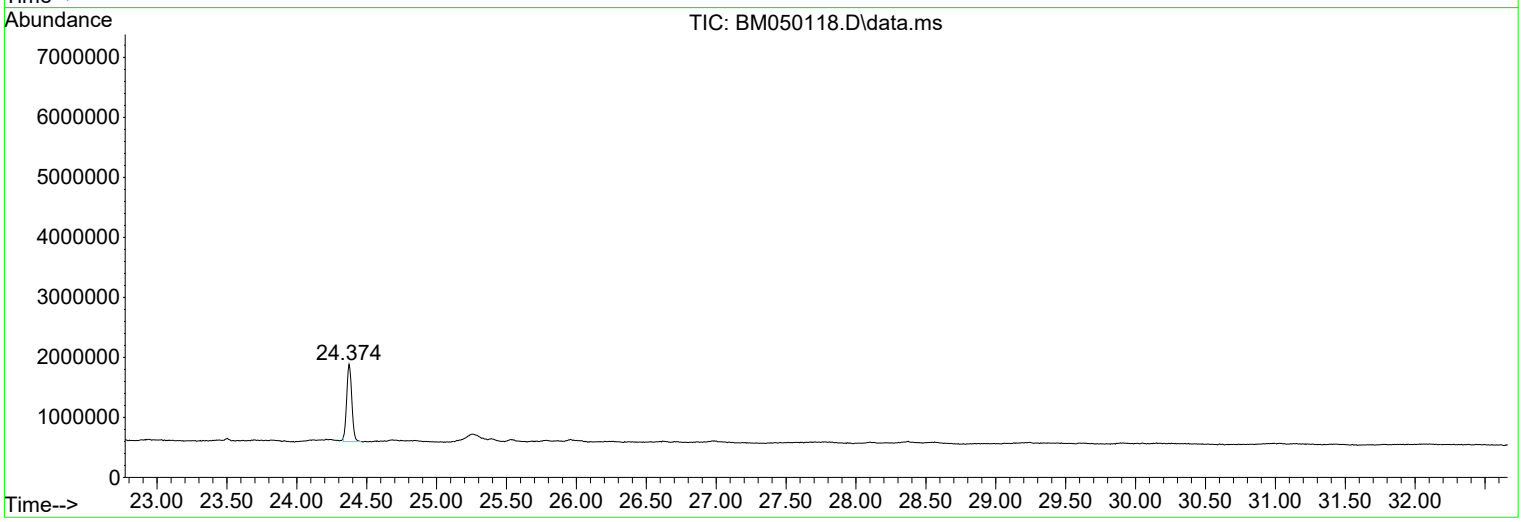
ClientSampleId :
MH-O

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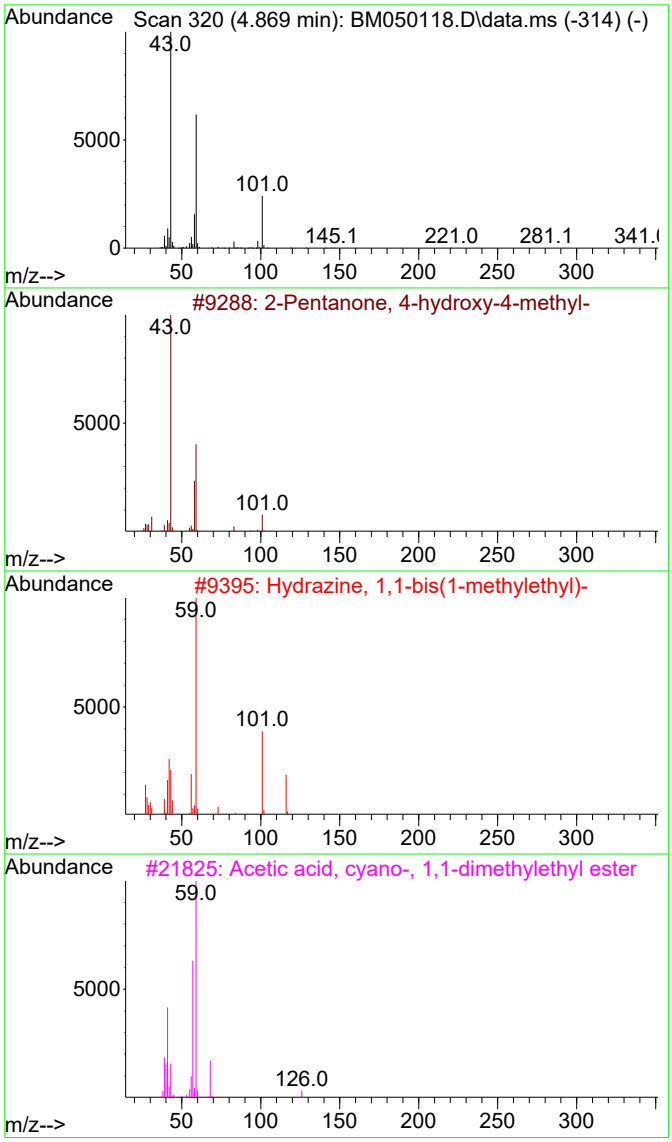
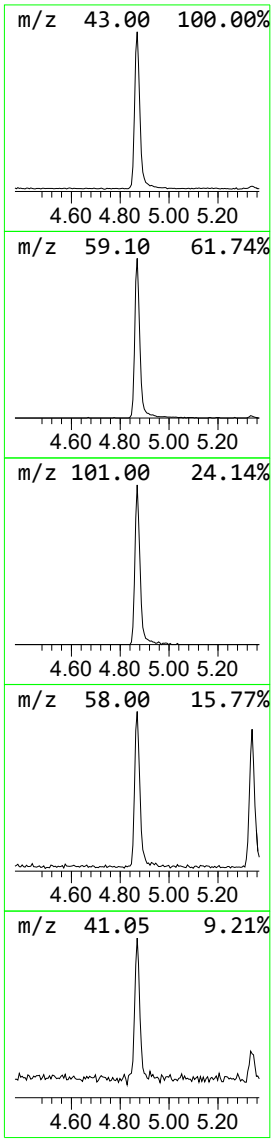
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.62 ng	362572	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	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	12
5	Acetone	58	C3H6O	000067-64-1	10





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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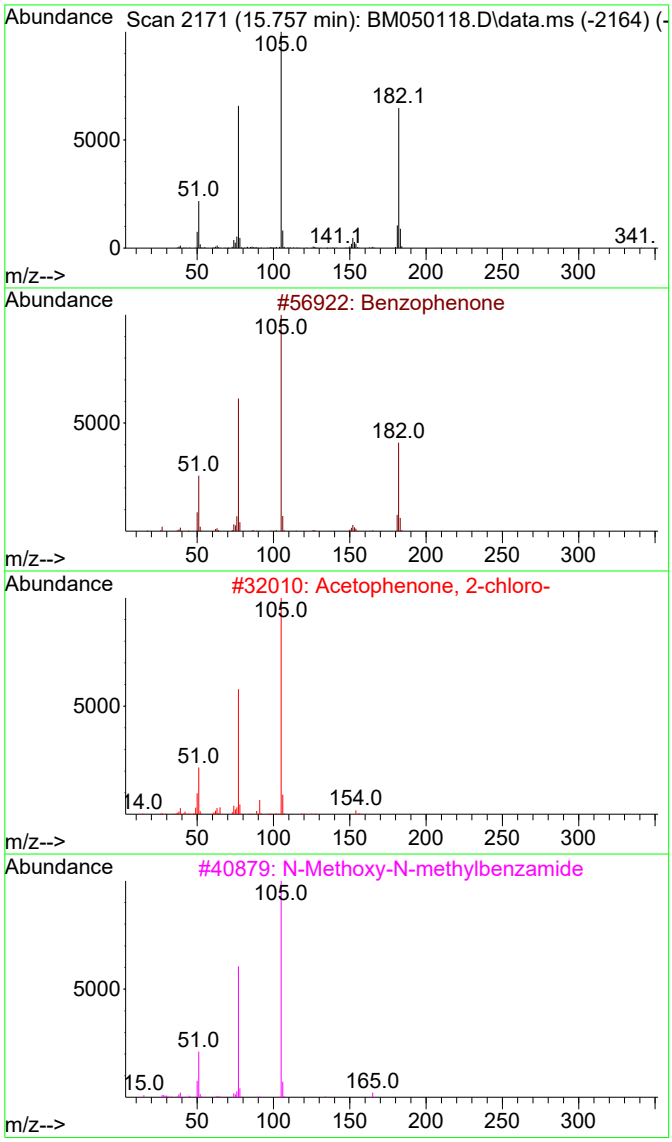
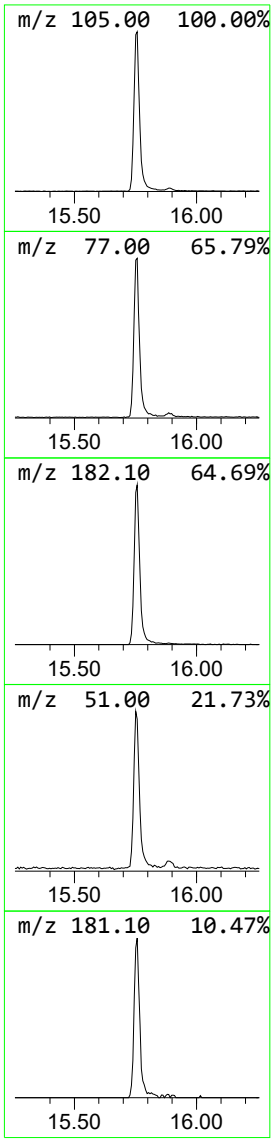
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	4.70 ng	656655	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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Sample : Q1947-05
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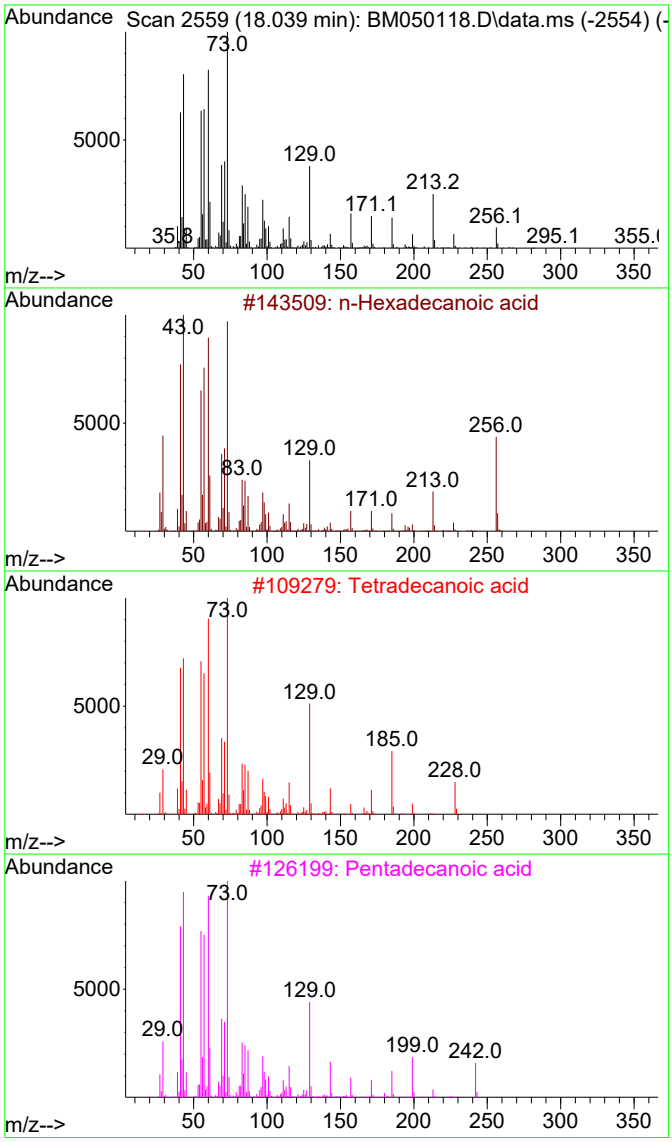
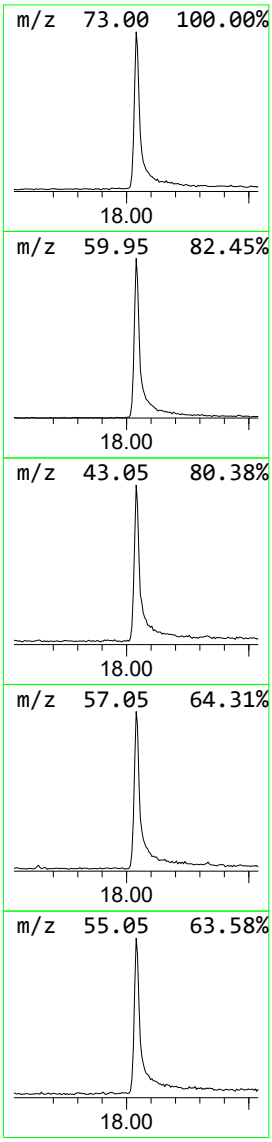
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	9.04 ng	1443310	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
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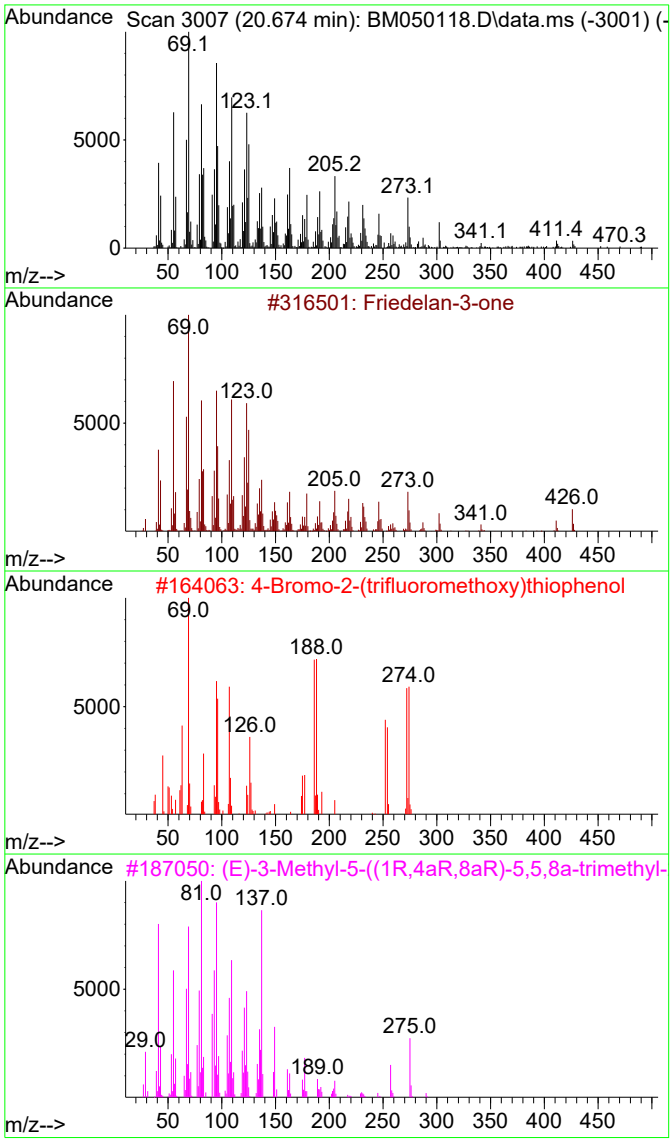
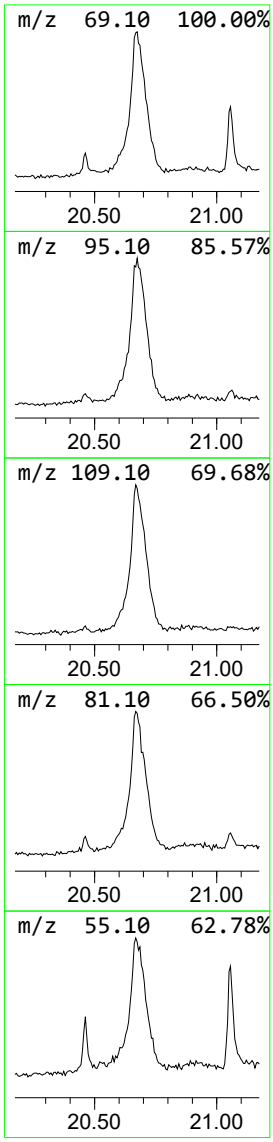
Peak Number 4 Friedelan-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.674	20.05 ng	3321960	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	99
2	4-Bromo-2-(trifluoromethoxy)thio...	272	C7H4BrF3OS	175278-15-6	95
3	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5...	290	C20H34O	021738-29-4	91
4	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	60
5	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	60





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TIC Integration Parameters: LSCINT.P

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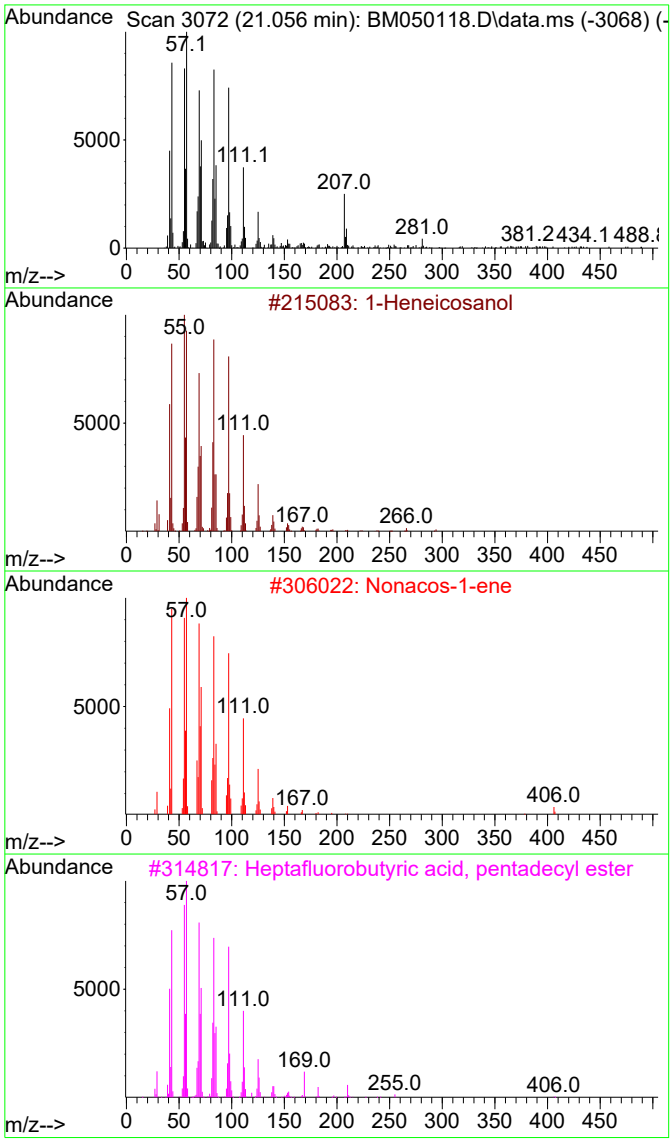
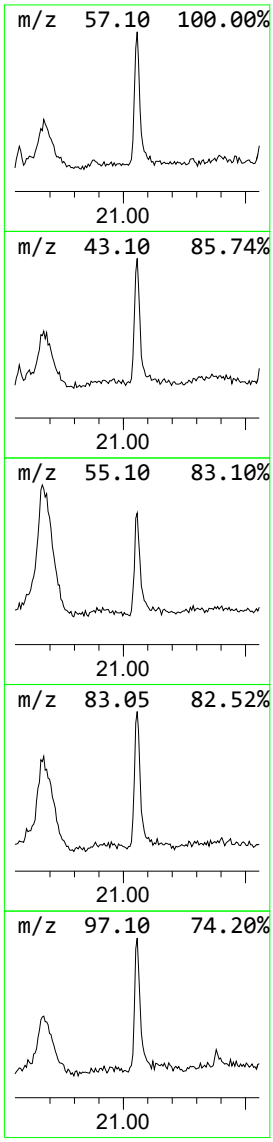
Peak Number 5 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	2.87 ng	476152	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Nonacos-1-ene	406	C29H58	018835-35-3	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Cyclopentadecane	210	C15H30	000295-48-7	89





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	4.6	ng	362572	1	7.745	1569030	20.0
Benzophenone	15.757	4.7	ng	656655	3	14.392	2793460	20.0
n-Hexadecanoic ...	18.039	9.0	ng	1443310	4	17.139	3192690	20.0
Friedelan-3-one	20.674	20.1	ng	3321960	5	21.386	3314320	20.0
1-Heneicosanol	21.056	2.9	ng	476152	5	21.386	3314320	20.0