LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	24	rVB	1693147	2298985	6.74%	1.591%
2	4.975	331	338	345	rBV	757848	1110517	3.26%	0.768%
3	5.439	409	417	427	rBV	8815382	13092000	38.38%	9.059%
4	7.022	677	686	700	rBV	8854004	13850012	40.61%	9.584%
5	7.863	821	829	837	rBV	1976374	3049208	8.94%	2.110%
6	9.016	1016	1025	1037	rBV	5255117	8648625	25.36%	5.985%
7	10.657	1296	1304	1314	rBV	2352805	3921662	11.50%	2.714%
8	13.121	1715	1723	1735	rBV	13611521	20227911	59.31%	13.997%
9	14.492	1946	1956	1964	rBV	3520992	5147204	15.09%	3.562%
10	15.845	2180	2186	2193	rVB	1356322	1834114	5.38%	1.269%
11	15.968	2200	2207	2221	rBV	11497663	16308309	47.81%	11.285%
12	17.227	2414	2421	2431	rBV	4161810	5998330	17.59%	4.151%
13	18.127	2568	2574	2581	rBV	864999	1322833	3.88%	0.915%
14	19.397	2785	2790	2801	rBV	233631	433430	1.27%	0.300%
15	19.839	2859	2865	2876	rBV	27327060	34107255	100.00%	23.601%
16	21.133	3081	3085	3093	rBV2	497165	761544	2.23%	0.527%
17	21.450	3133	3139	3150	rBV	4520866	6588385	19.32%	4.559%
18	24.491	3647	3656	3668	rBV	2298644	5816630	17.05%	4.025%

Sum of corrected areas: 144516954

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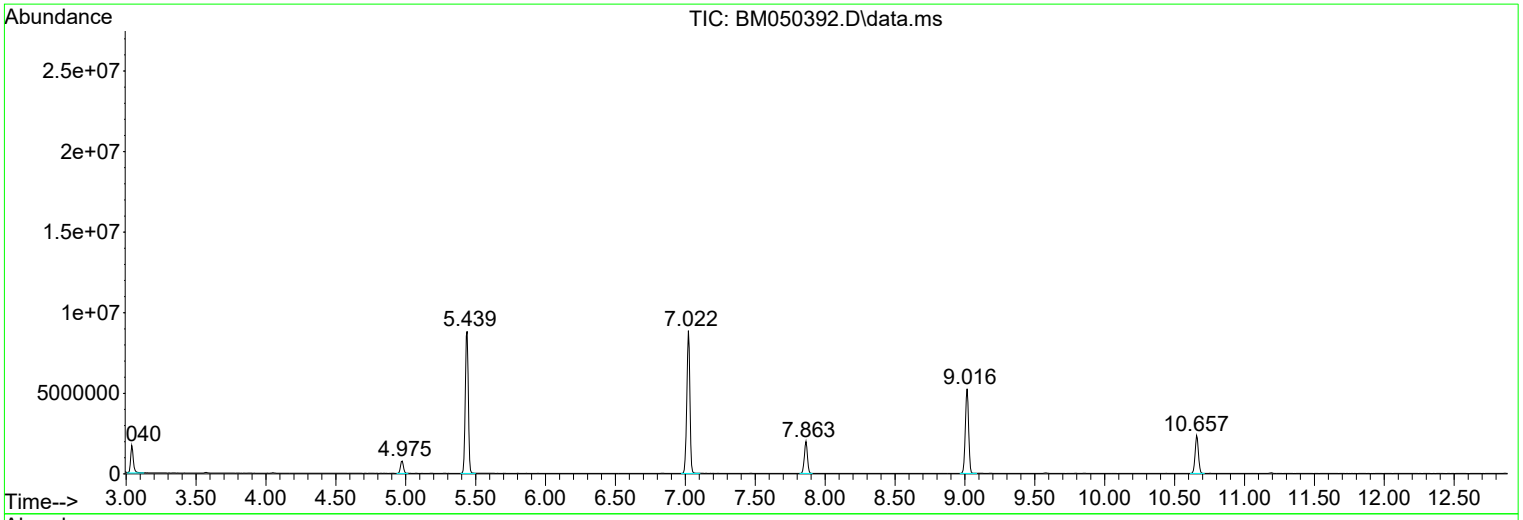
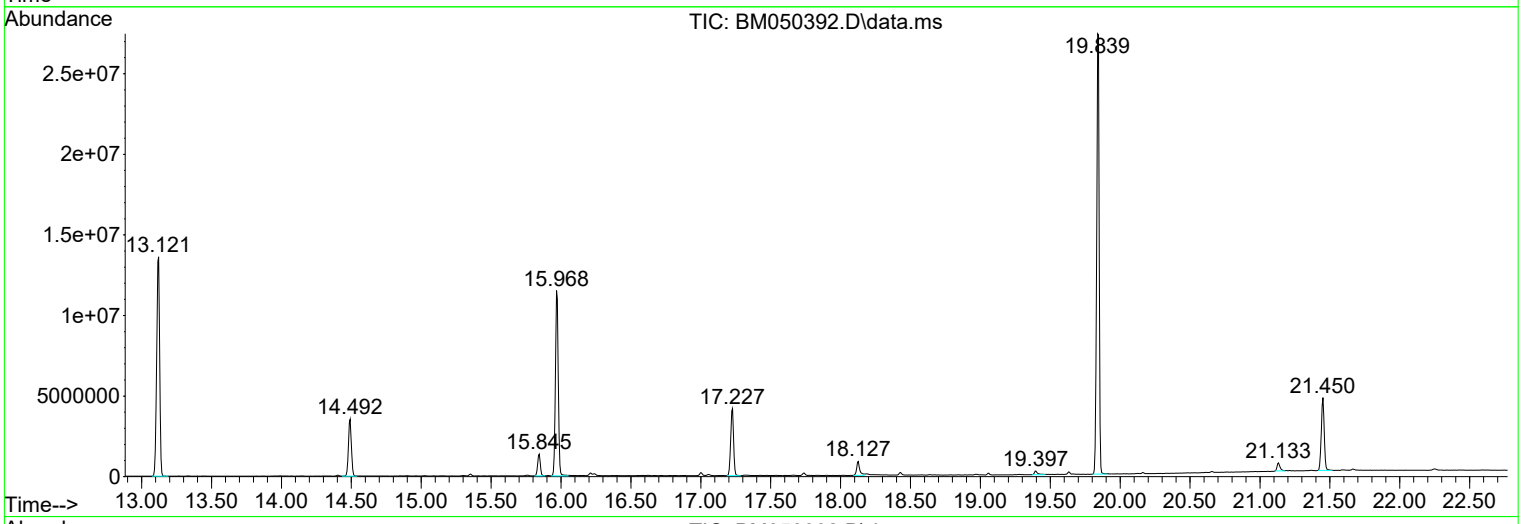
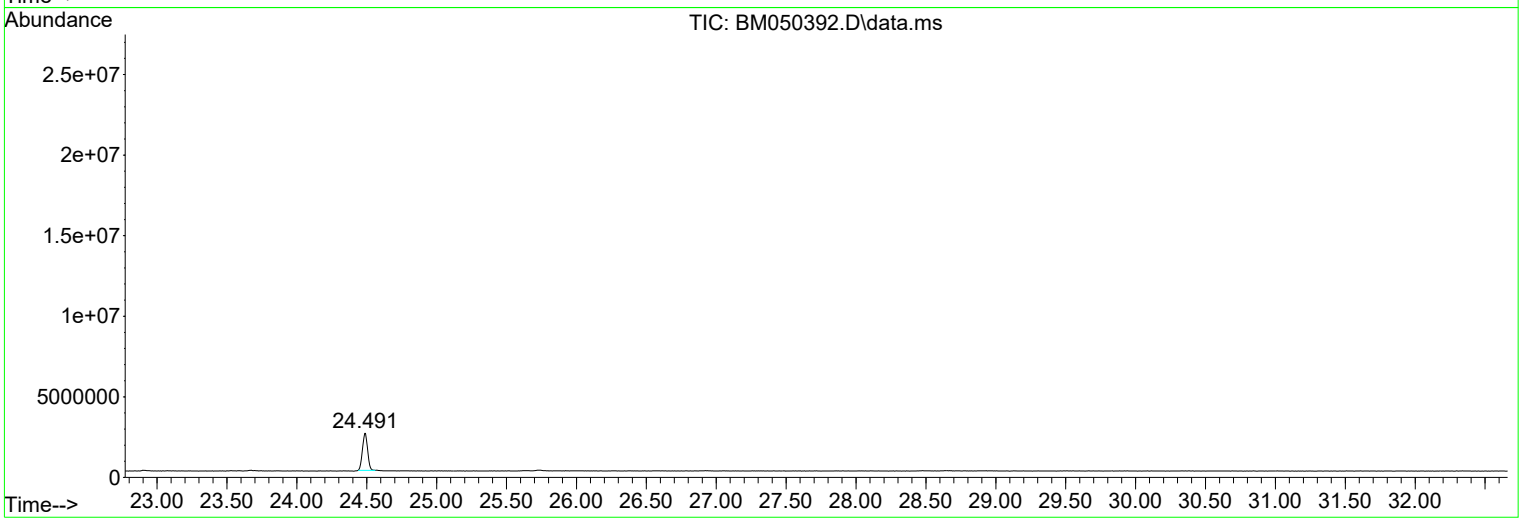
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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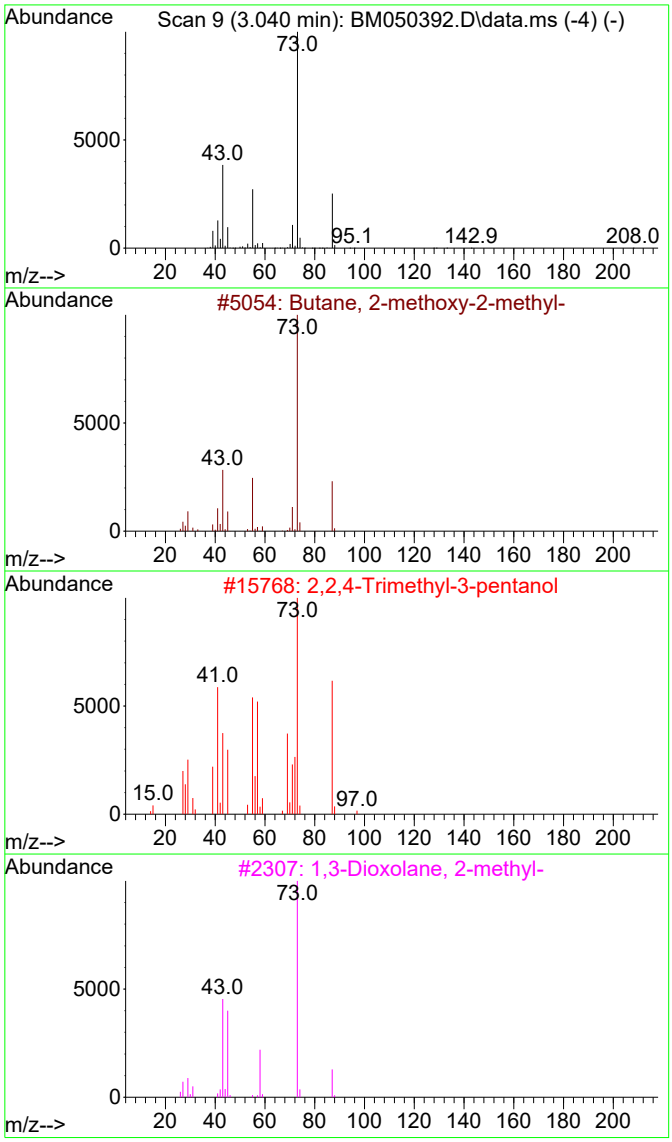
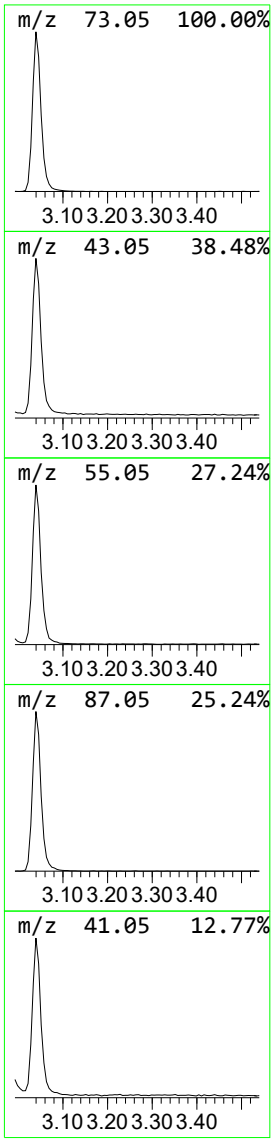
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	15.08 ng	2298990	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument :
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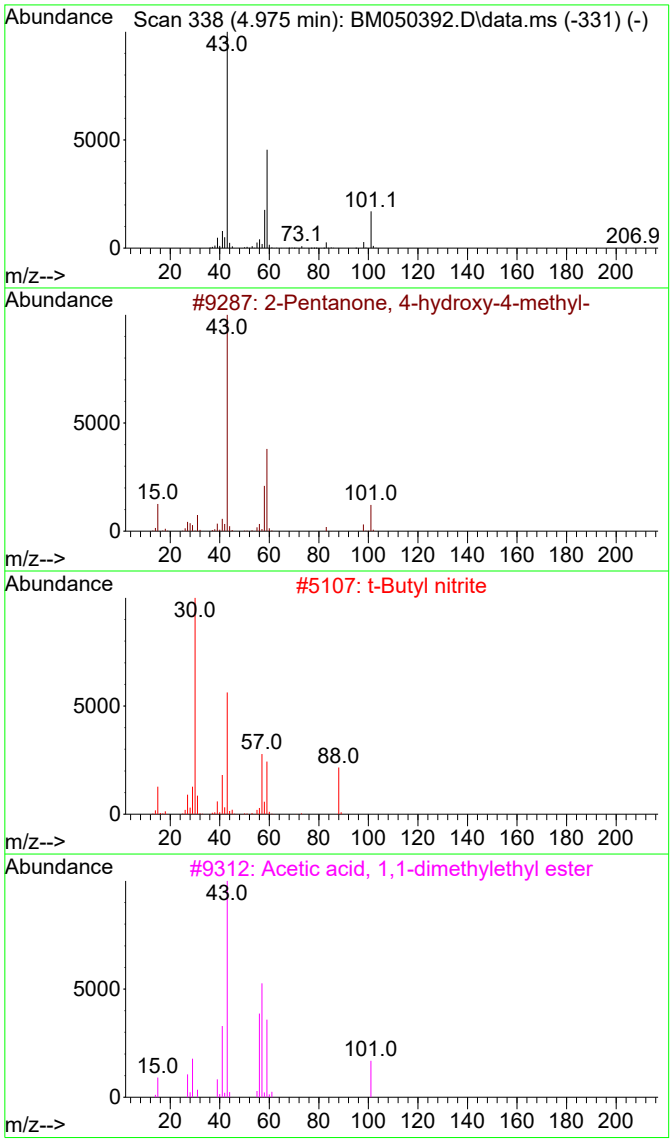
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

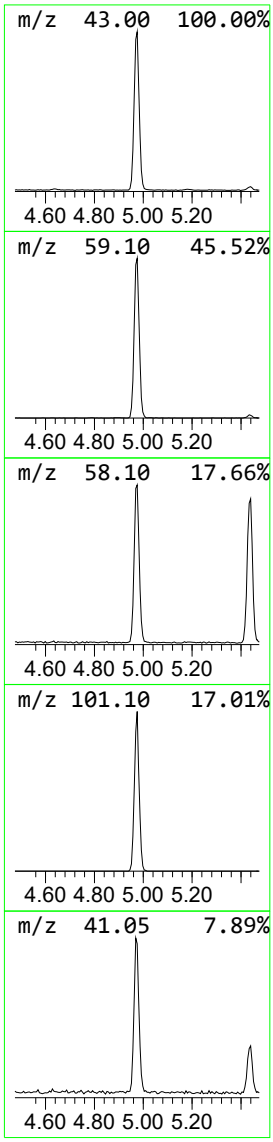
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	7.28 ng	1110520	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Acetone	58	C3H6O	000067-64-1	12





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Instrument :
BNA_M
ClientSampleId :
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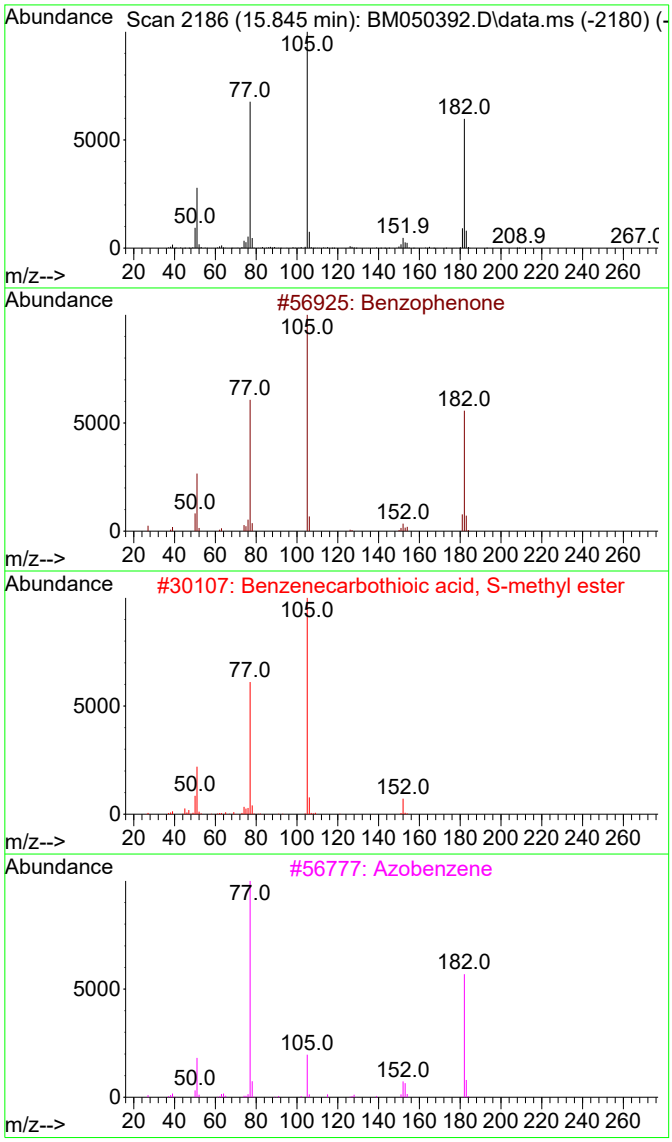
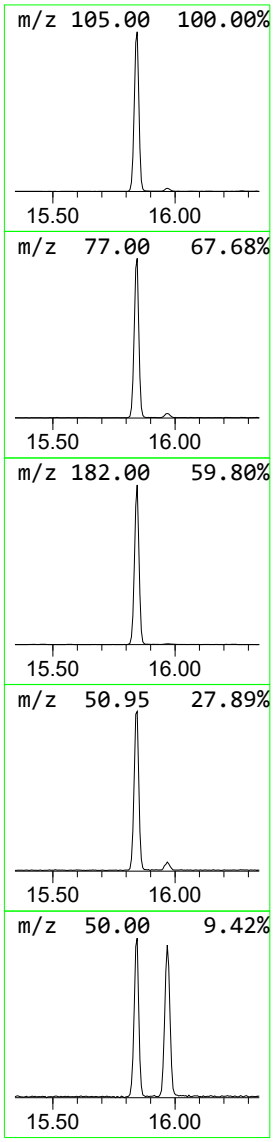
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	7.13 ng	1834110	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Azobenzene	182	C12H10N2	000103-33-3	53
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





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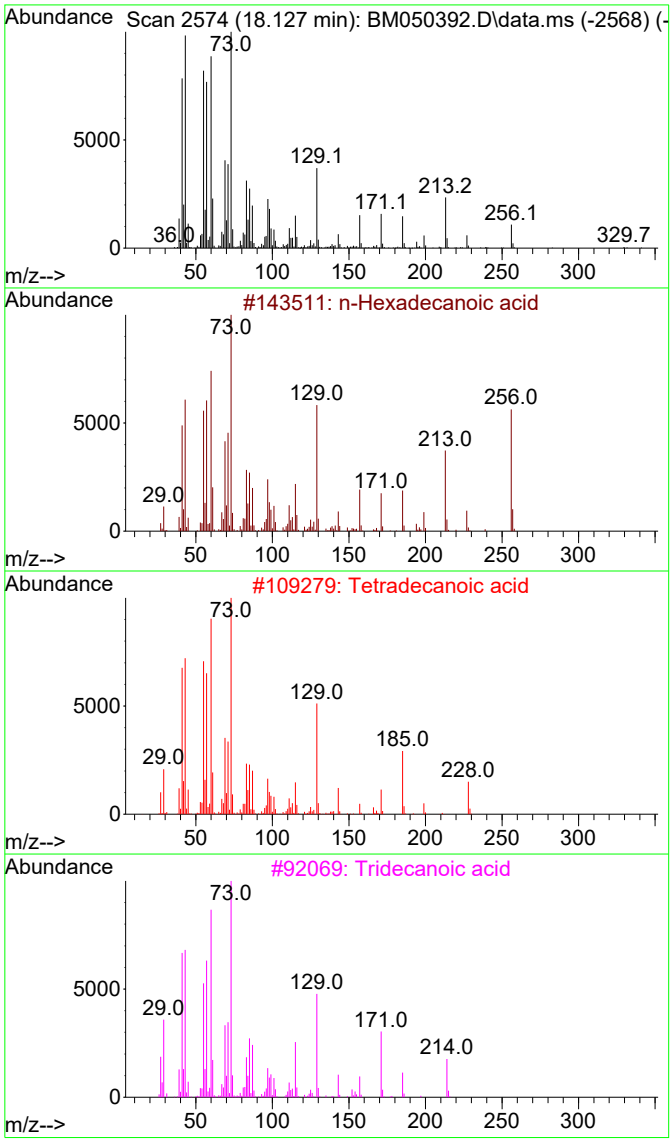
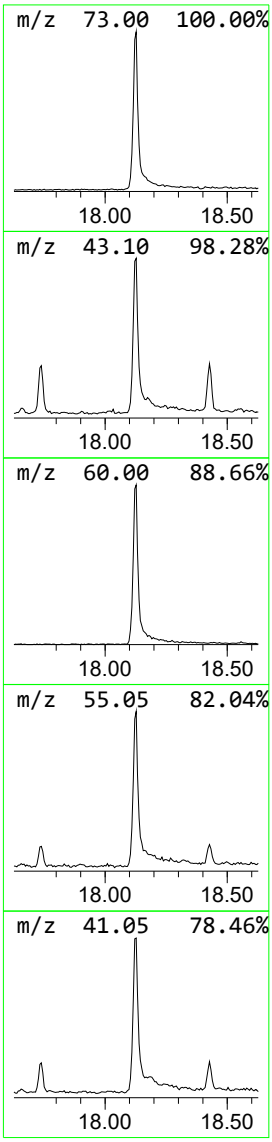
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	4.41 ng	1322830	Phenanthrene-d10	17.227

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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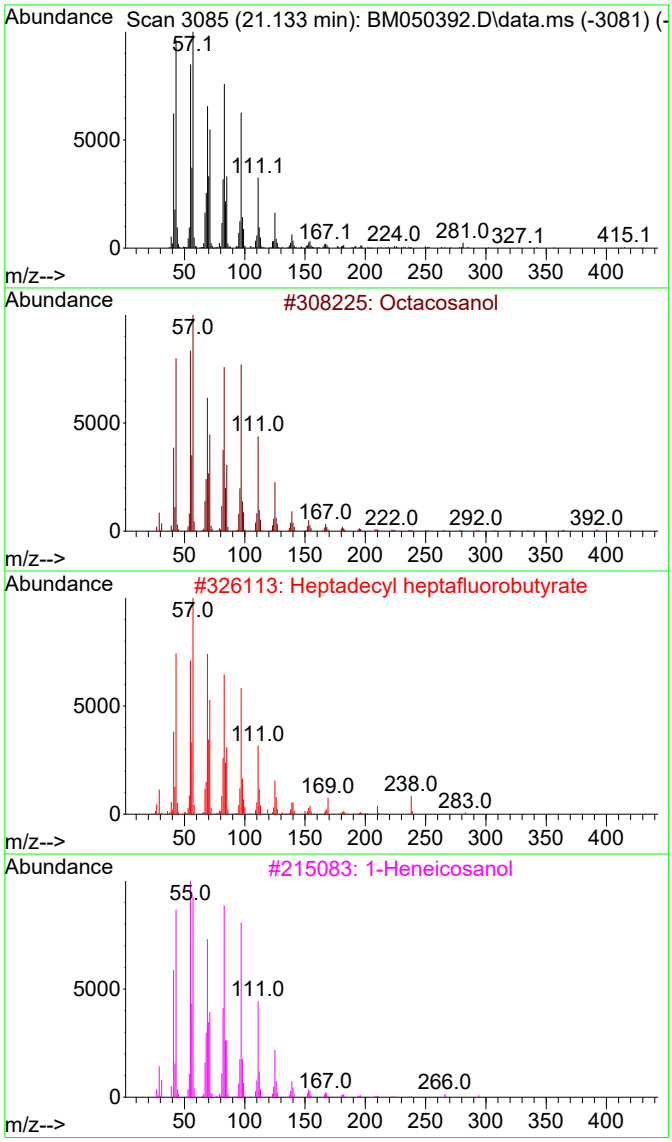
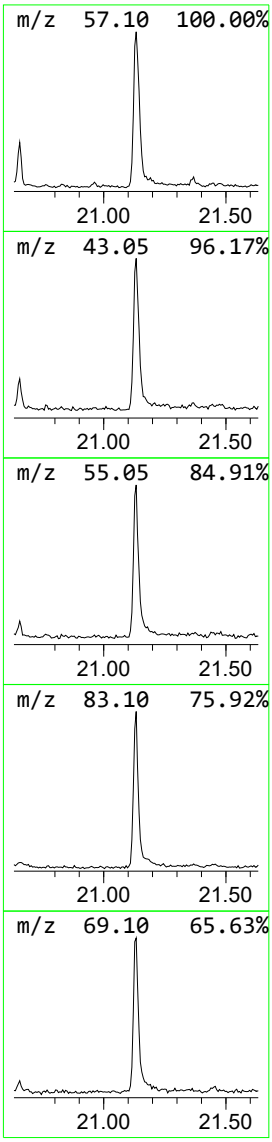
****

Peak Number 5 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.31 ng	761544	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	15.1	ng	2298990	1	7.863	3049210	20.0
2-Pentanone, 4-...	4.975	7.3	ng	1110520	1	7.863	3049210	20.0
Benzophenone	15.845	7.1	ng	1834110	3	14.492	5147200	20.0
n-Hexadecanoic ...	18.127	4.4	ng	1322830	4	17.227	5998330	20.0
Octacosanol	21.133	2.3	ng	761544	5	21.450	6588390	20.0