LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
Data File : BG056337.D
Acq On : 18 Jan 2023 20:51
Operator : CG/JU
Sample : 01159-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-6

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_G\Methods\8270-BG122722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056337.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.317	3	5	15	rVB	125976	151471	6.11%	1.441%
2	5.344	343	350	358	rBB	88961	137969	5.57%	1.313%
3	5.826	424	432	445	rBV	360901	591404	23.86%	5.627%
4	7.441	700	707	719	rVB	377231	644380	26.00%	6.131%
5	8.305	847	854	863	rBB	110293	186425	7.52%	1.774%
6	9.480	1046	1054	1064	rBB	214035	387754	15.64%	3.690%
7	11.137	1328	1336	1346	rBV	150375	263560	10.63%	2.508%
8	13.546	1739	1746	1753	rBV	828730	1261621	50.90%	12.005%
9	14.921	1972	1980	1986	rBV	290508	462360	18.65%	4.399%
10	16.255	2201	2207	2215	rVB	197918	273269	11.02%	2.600%
11	16.396	2225	2231	2241	rBV	691395	1052285	42.45%	10.013%
12	17.653	2439	2445	2452	rBV	452825	683013	27.55%	6.499%
13	18.499	2585	2589	2599	rBV2	89090	123680	4.99%	1.177%
14	19.756	2798	2803	2806	rBV4	18500	26795	1.08%	0.255%
15	20.226	2877	2883	2889	rBV	1869462	2478745	100.00%	23.586%
16	21.525	3100	3104	3111	rBV	99682	148275	5.98%	1.411%
17	21.789	3145	3149	3156	rVB	21135	37404	1.51%	0.356%
18	21.948	3169	3176	3188	rVB2	451382	805057	32.48%	7.660%
19	25.379	3751	3760	3772	rVB2	258790	793928	32.03%	7.554%

Sum of corrected areas: 10509395

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Misc :
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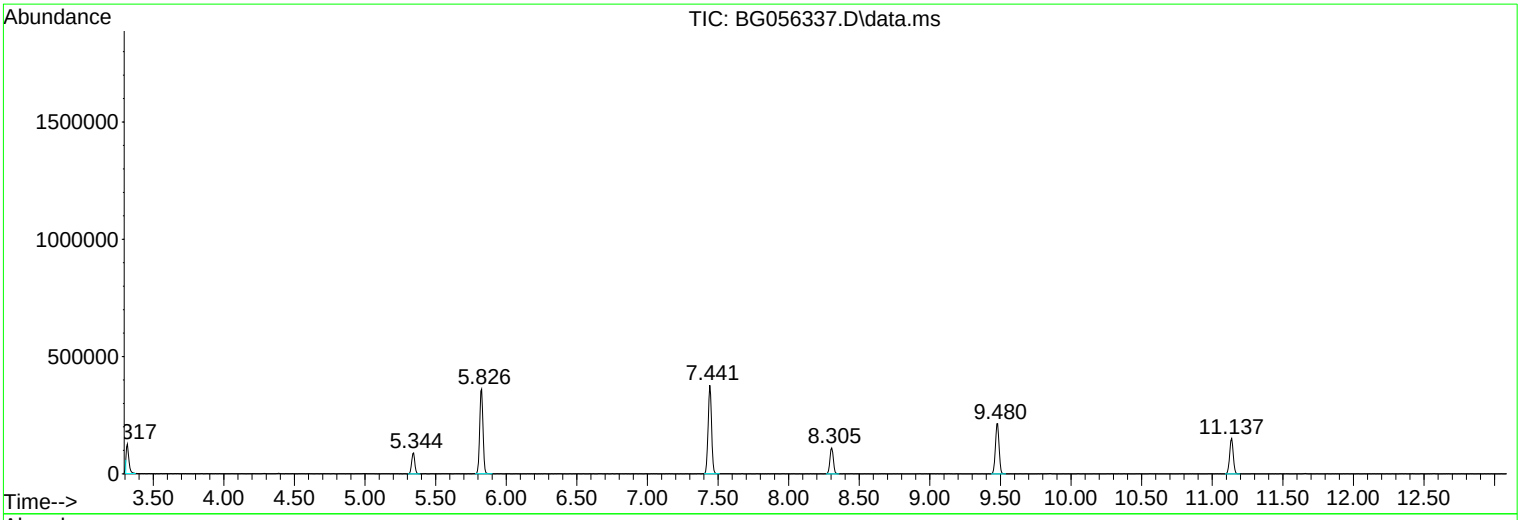
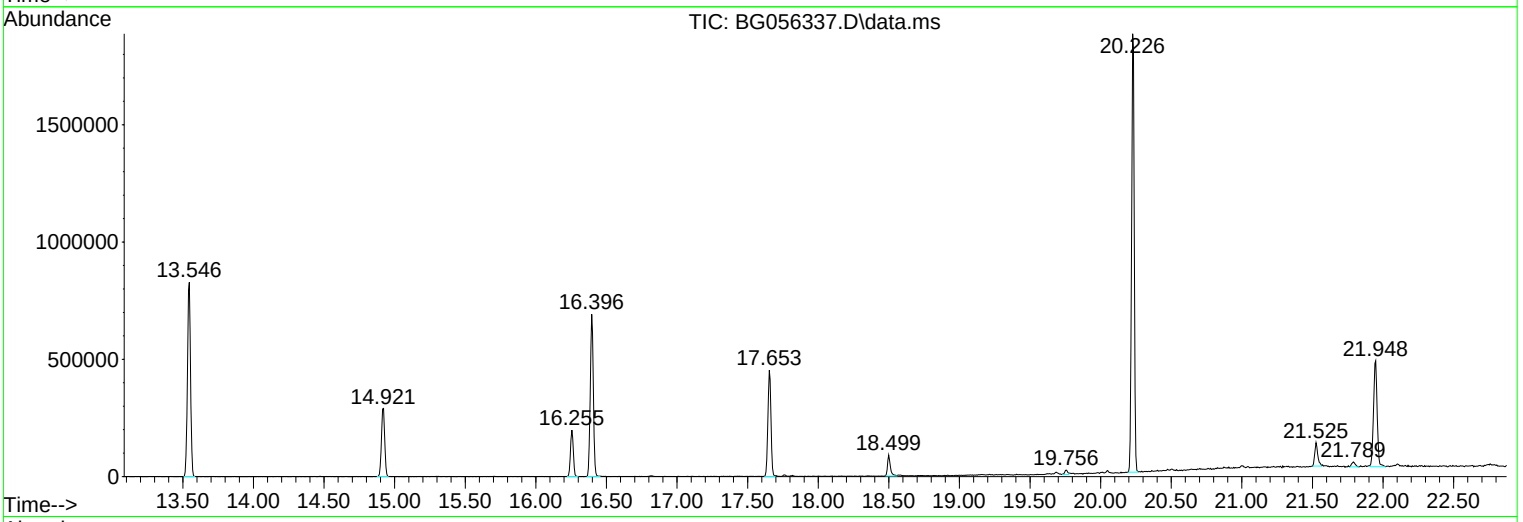
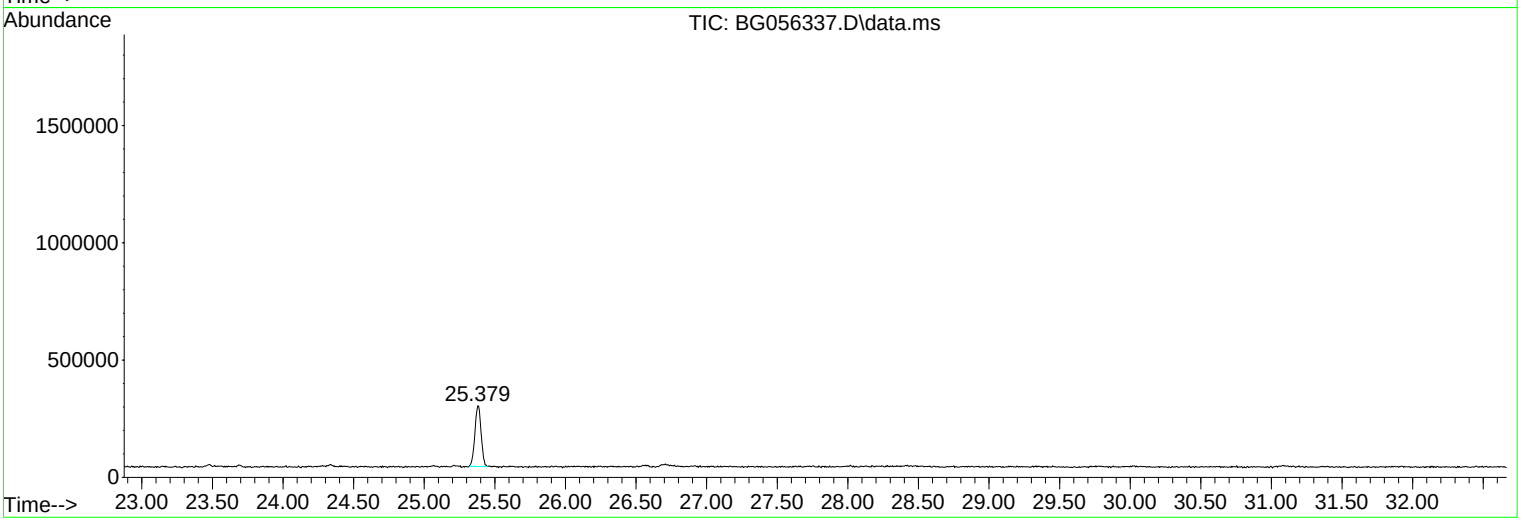
Instrument :
BNA_G
ClientSampleId :
MH-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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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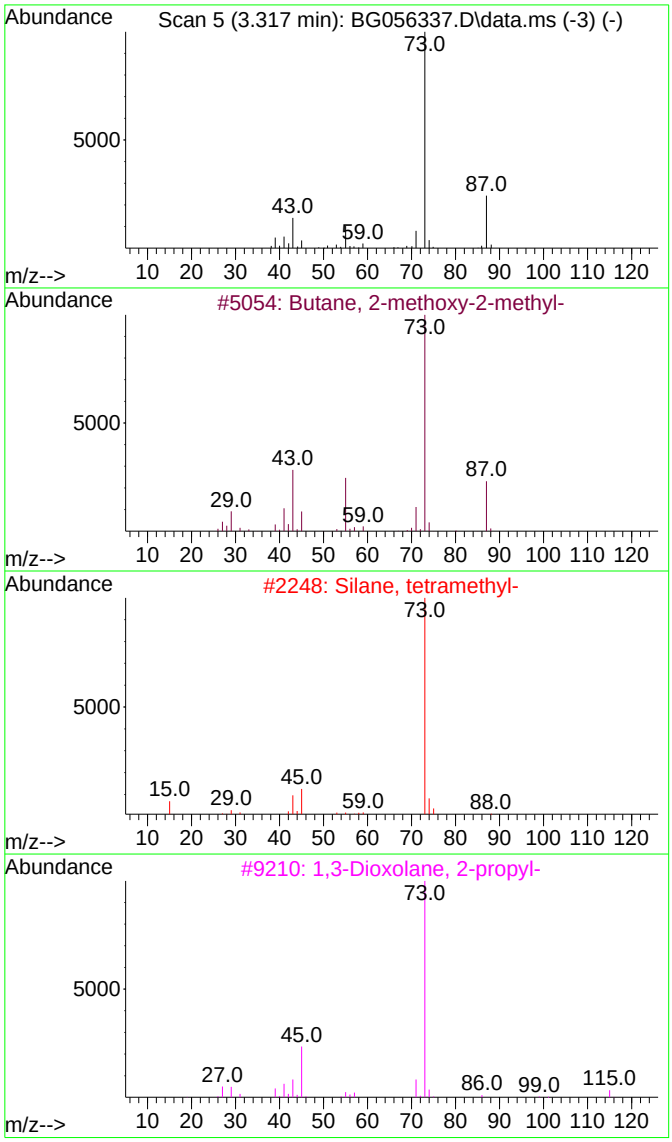
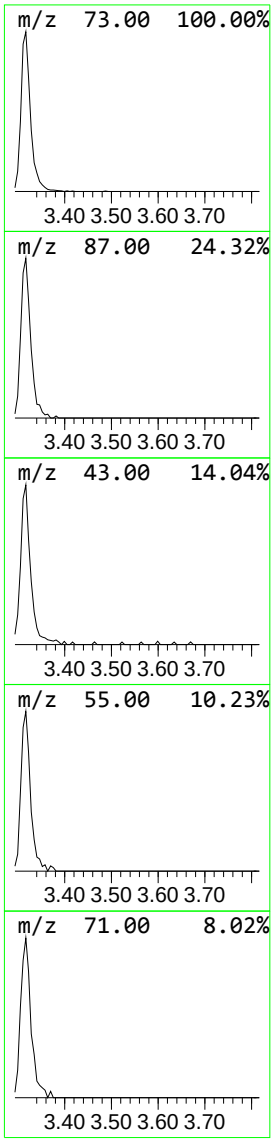
Peak Number 1 unknown3.317 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.317	16.25 ng	151471	1,4-Dichlorobenzene-d4	8.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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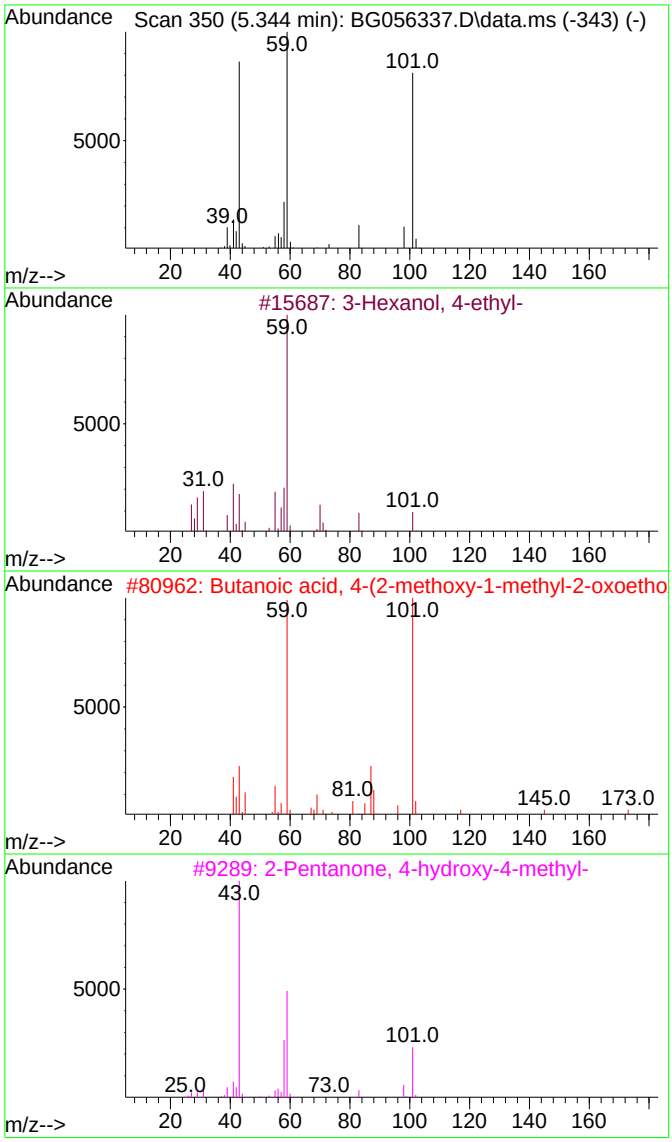
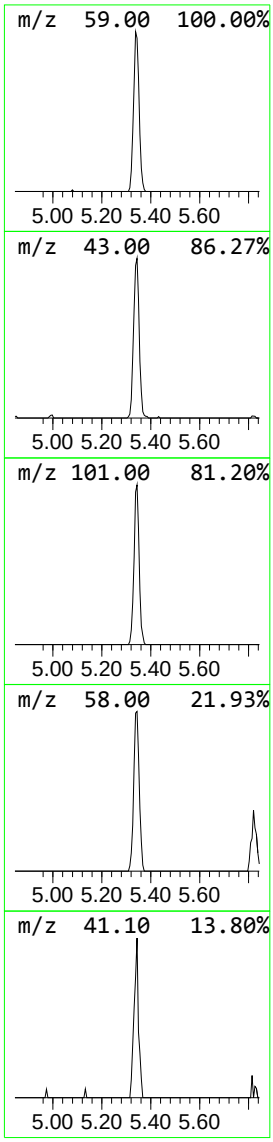
Peak Number 2 unknown5.344 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.344	14.80 ng	137969	1,4-Dichlorobenzene-d4	8.305

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	38
2	Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	36
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	22





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Sample : 01159-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
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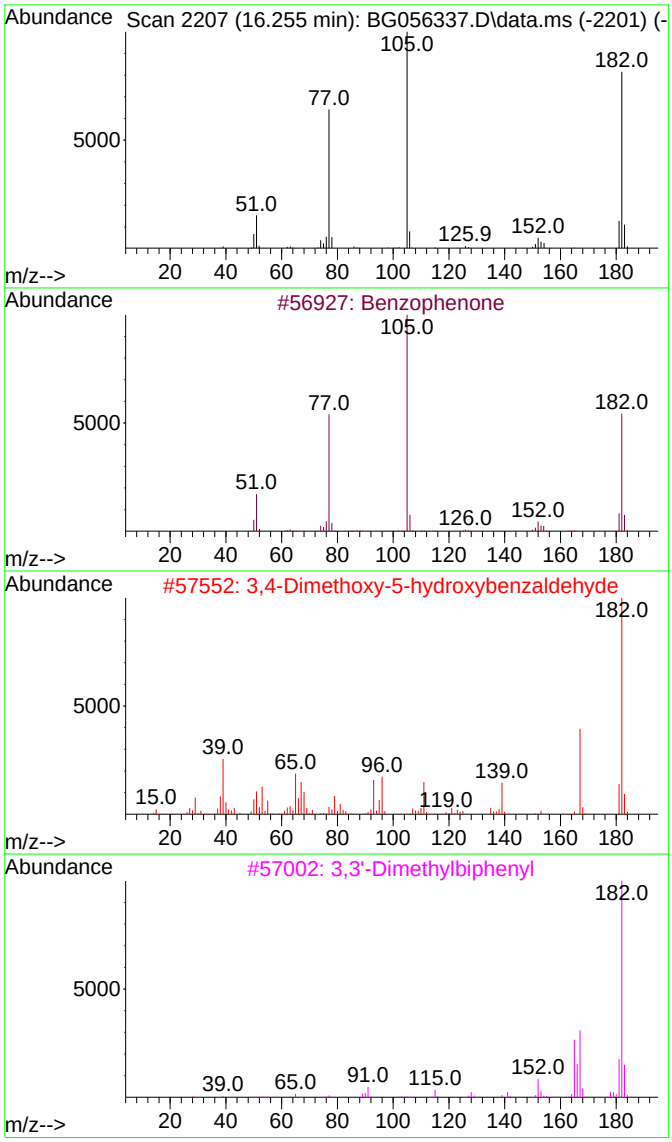
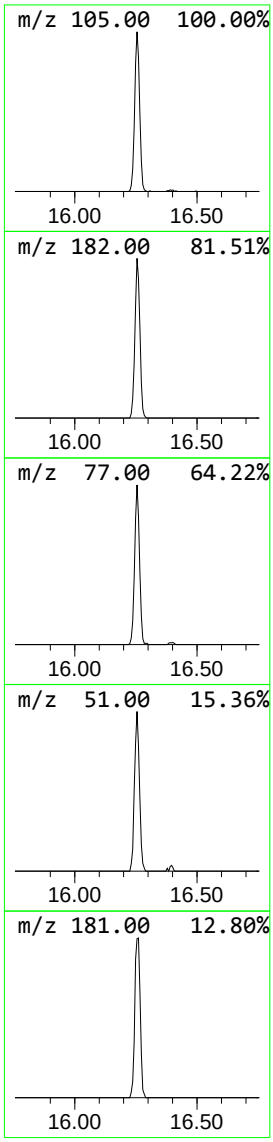
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.255	11.82 ng	273269	Acenaphthene-d10	14.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	3,4-Dimethoxy-5-hydroxybenzaldehyde	182	C9H10O4	029865-90-5	47
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
4	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43
5	Benzilamide	227	C14H13NO2	004746-87-6	38





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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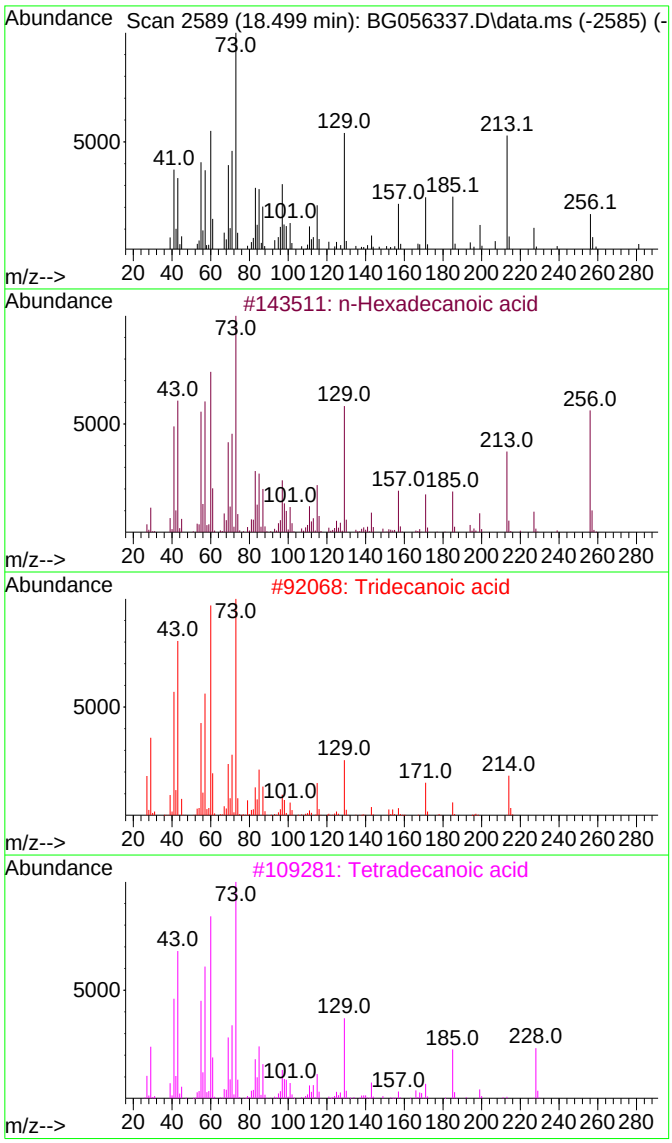
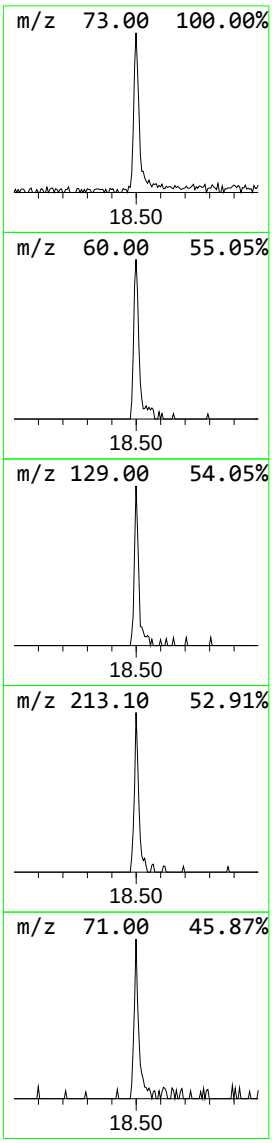
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.499	3.62 ng	123680	Phenanthrene-d10	17.653

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Adipic acid, hexyl isobutyl ester	286	C16H30O4	1000324-09-6	22





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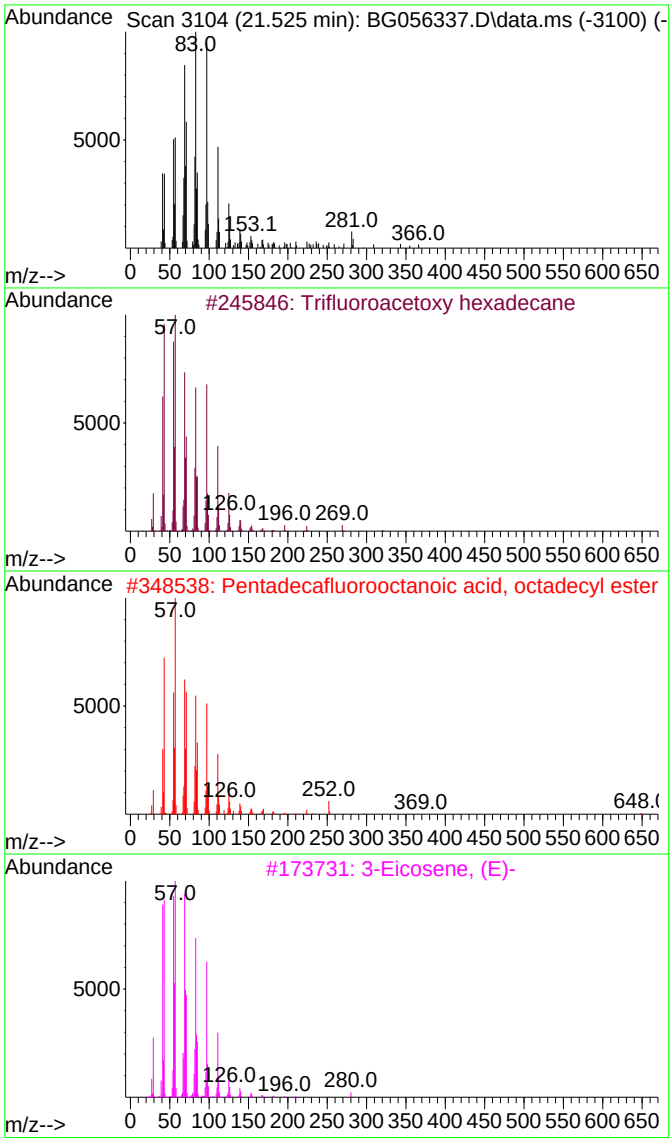
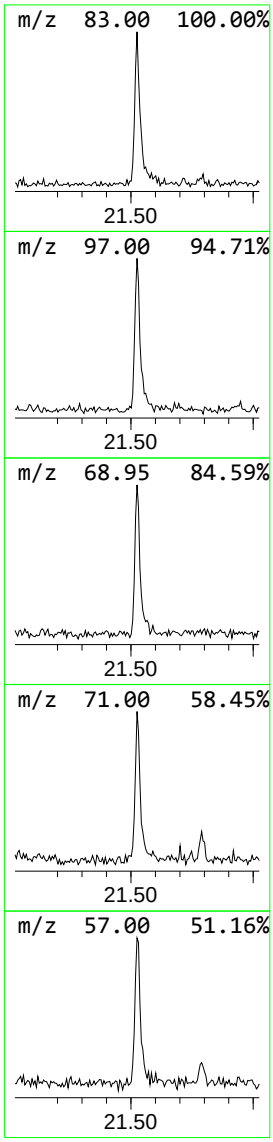
Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.525	3.68 ng	148275	Chrysene-d12	21.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5	1-Octadecanol	270	C18H38O	000112-92-5	87





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.317	3.317	16.3	ng	151471	1	8.305	186425	20.0
unknown5.344	5.344	14.8	ng	137969	1	8.305	186425	20.0
Benzophenone	16.255	11.8	ng	273269	3	14.921	462360	20.0
n-Hexadecanoic ...	18.499	3.6	ng	123680	4	17.653	683013	20.0
Trifluoroacetox...	21.525	3.7	ng	148275	5	21.948	805057	20.0