LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057797.D
Acq On : 21 Jun 2023 23:35
Operator : CG/JU
Sample : 03289-23
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-08-4.0-6.0

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-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057797.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.027	324	330	337	rBV	88581	127199	7.78%	1.458%
2	5.491	402	409	418	rBV	370299	566119	34.65%	6.491%
3	7.077	672	679	690	rBV	382891	626340	38.33%	7.182%
4	7.923	816	823	829	rVB	99891	166367	10.18%	1.908%
5	9.081	1012	1020	1033	rBV	218838	373197	22.84%	4.279%
6	10.726	1290	1300	1309	rVB	146196	261538	16.01%	2.999%
7	13.176	1711	1717	1726	rVB	554766	866116	53.01%	9.931%
8	14.557	1945	1952	1958	rVB	271858	402447	24.63%	4.614%
9	15.908	2176	2182	2189	rVB	69892	98487	6.03%	1.129%
10	16.037	2198	2204	2211	rBV	549925	841816	51.52%	9.652%
11	17.301	2412	2419	2425	rVB	412282	585279	35.82%	6.711%
12	18.188	2565	2570	2581	rBV	99585	162478	9.94%	1.863%
13	19.463	2783	2787	2794	rBV2	31521	48836	2.99%	0.560%
14	19.915	2858	2864	2870	rBV	1243826	1633985	100.00%	18.735%
15	21.167	3072	3077	3080	rBV2	24660	43207	2.64%	0.495%
16	21.208	3080	3084	3092	rVV3	101052	200163	12.25%	2.295%
17	21.284	3093	3097	3108	rVB	116901	175026	10.71%	2.007%
18	21.548	3136	3142	3150	rBV	411057	657426	40.23%	7.538%
19	21.754	3173	3177	3183	rVB	24722	33741	2.06%	0.387%
20	22.348	3274	3278	3284	rBV5	23838	40083	2.45%	0.460%
21	23.029	3390	3394	3401	rVB4	16894	25258	1.55%	0.290%
22	23.217	3421	3426	3431	rVB2	21941	41084	2.51%	0.471%
23	24.704	3669	3679	3695	rVB	258435	745174	45.60%	8.544%

Sum of corrected areas: 8721366

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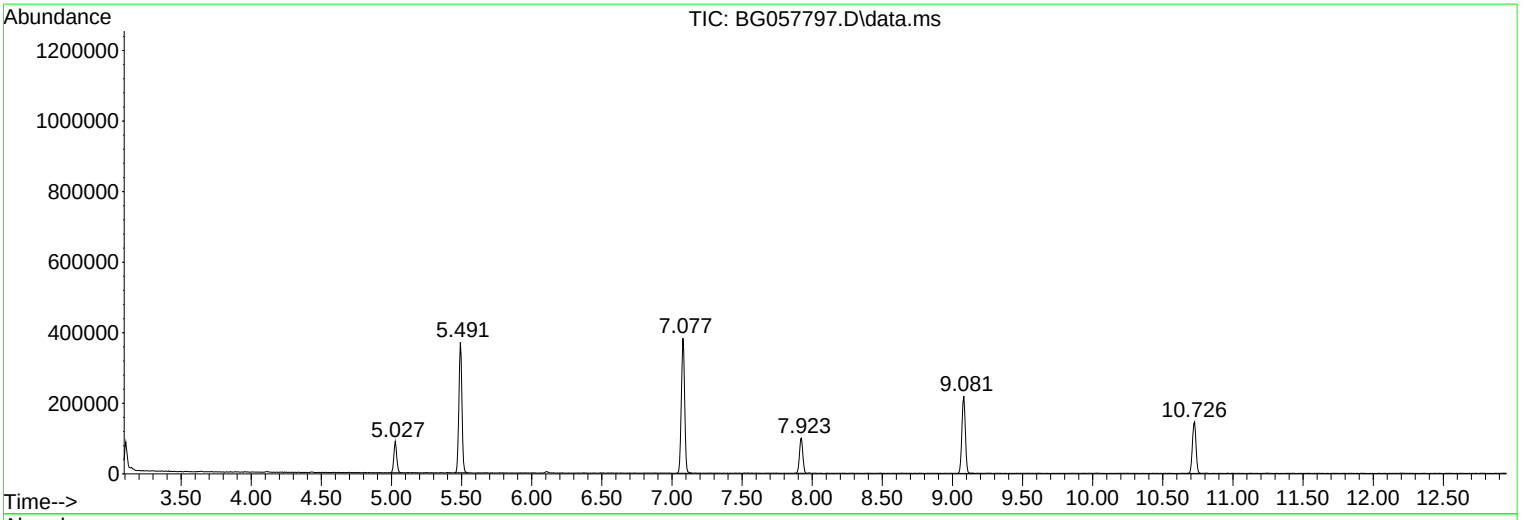
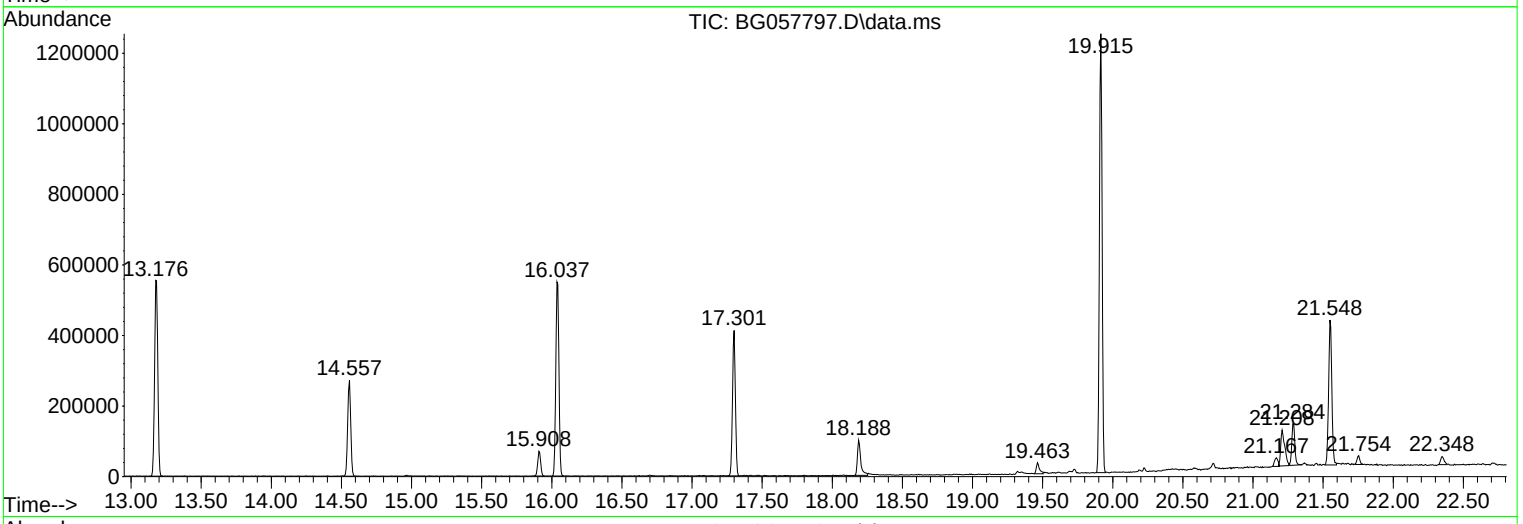
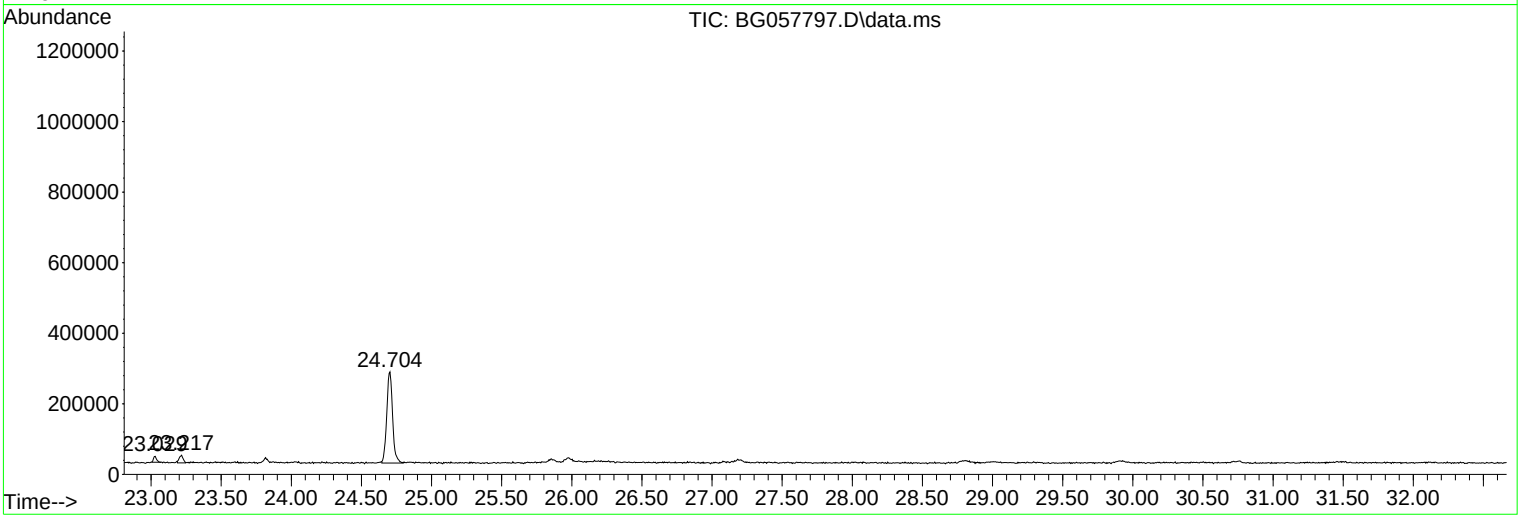
ClientSampleId :
SB-08-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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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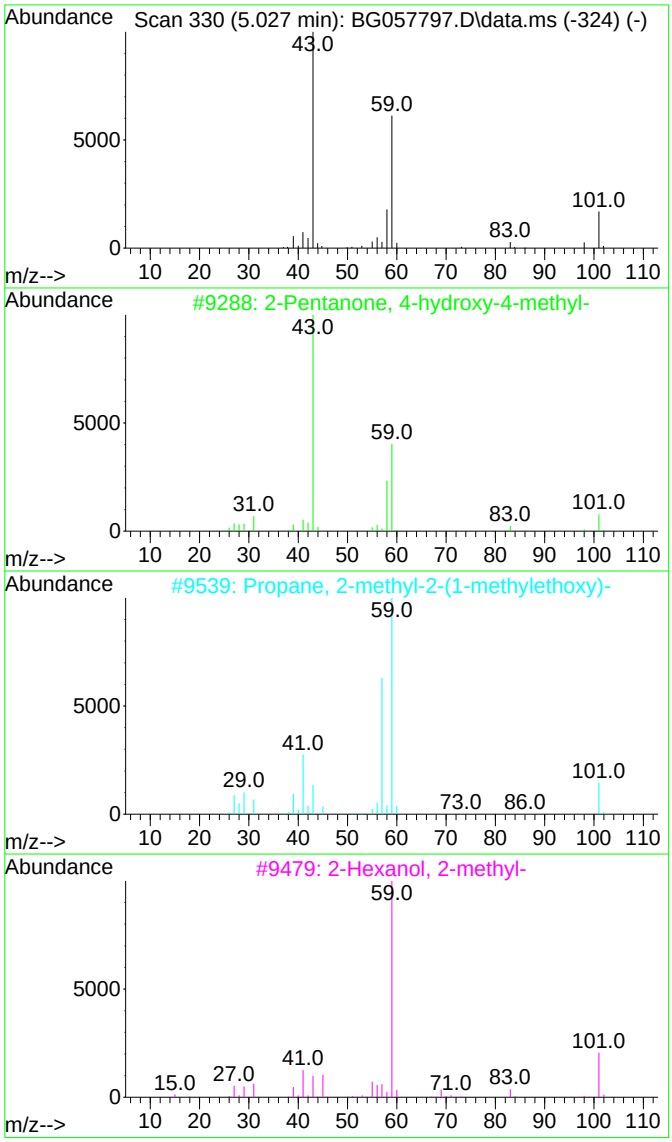
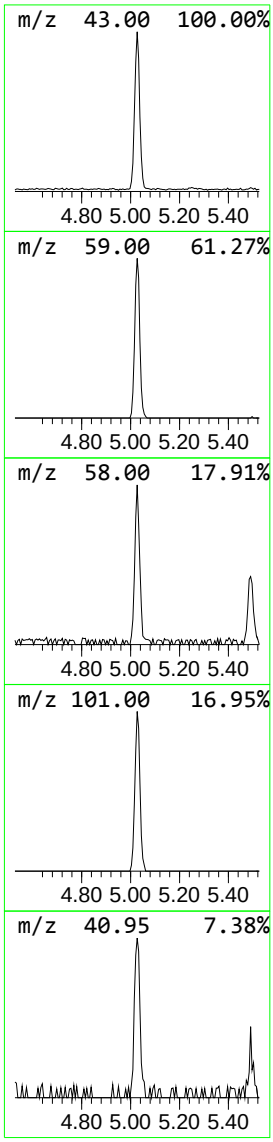
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.027	15.29 ng	127199	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





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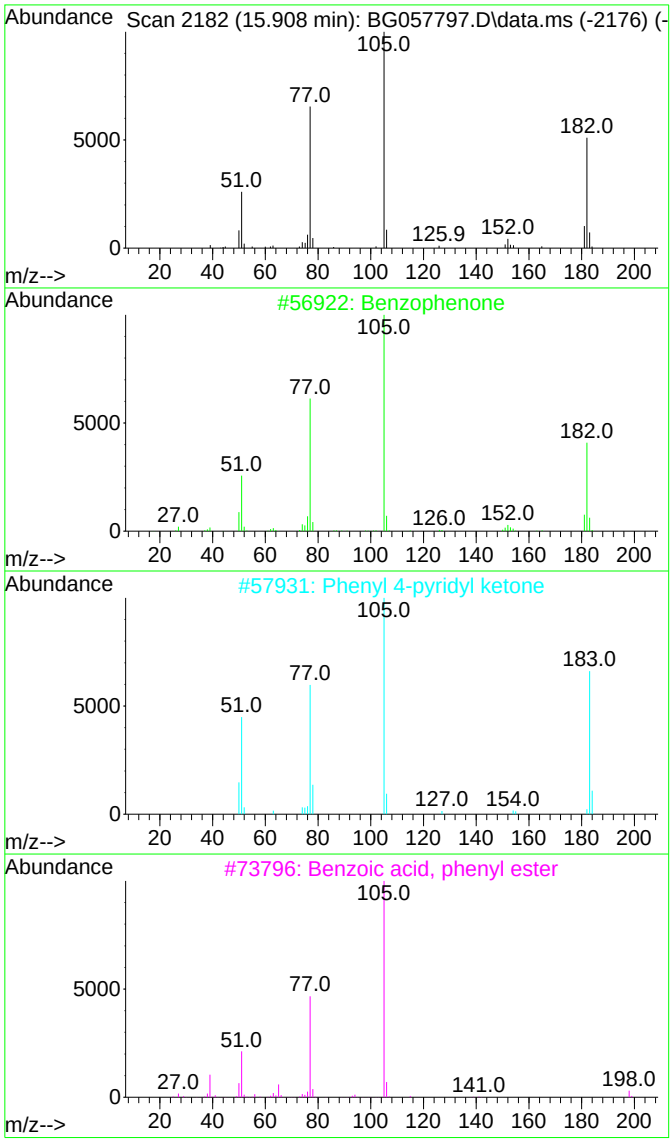
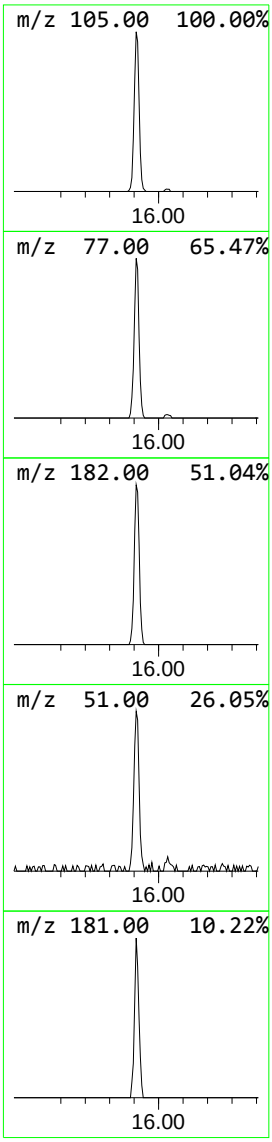
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.908	4.89 ng	98487	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47





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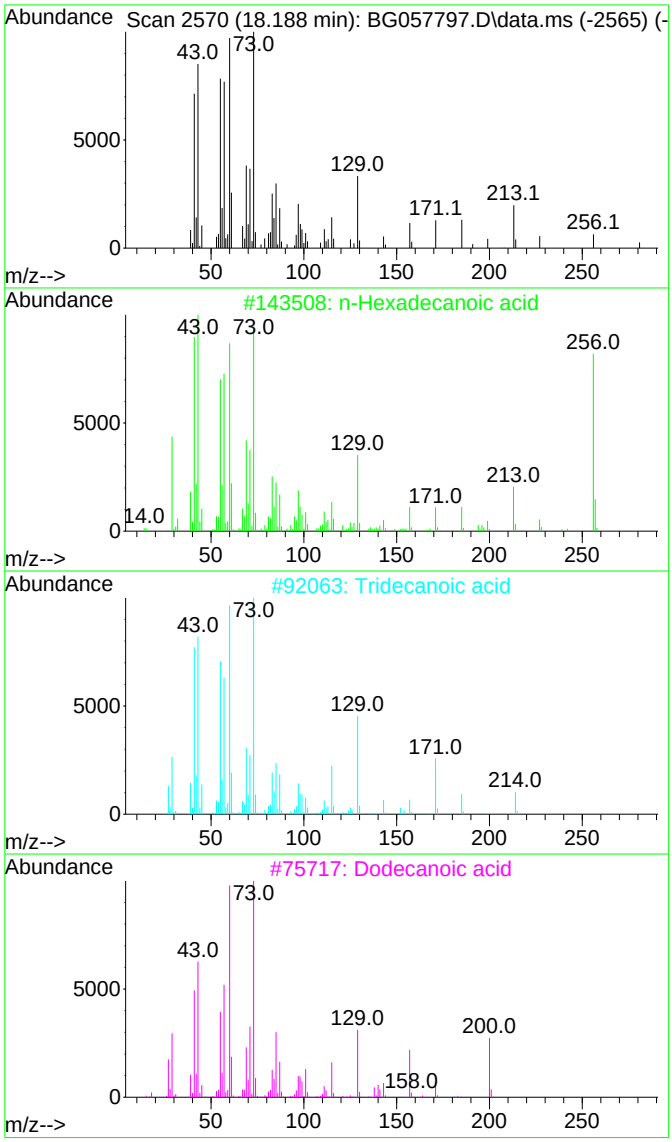
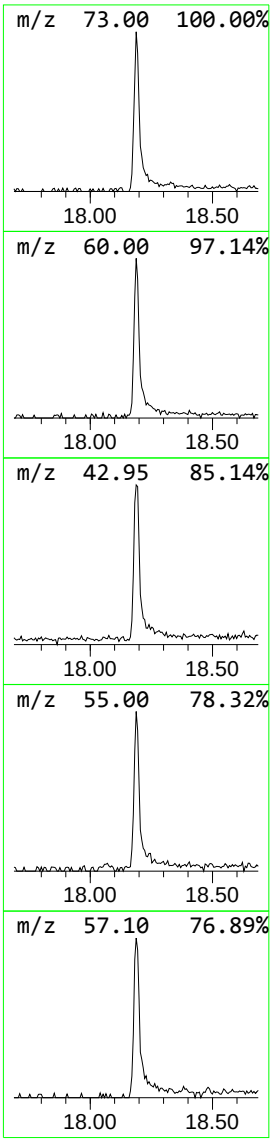
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	5.55 ng	162478	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
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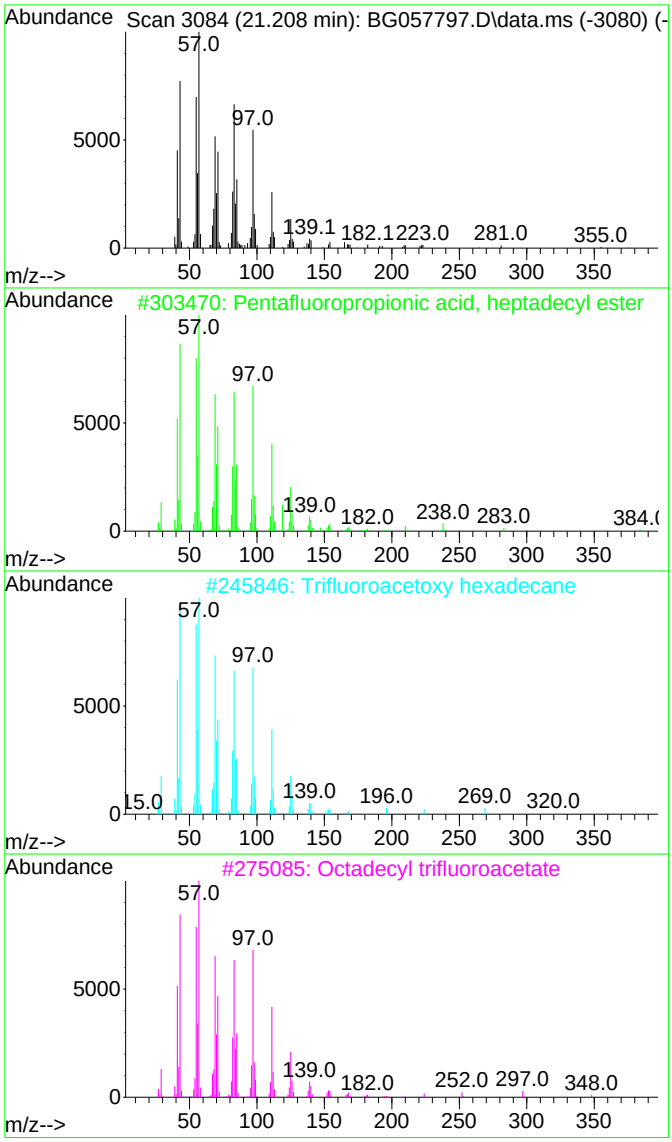
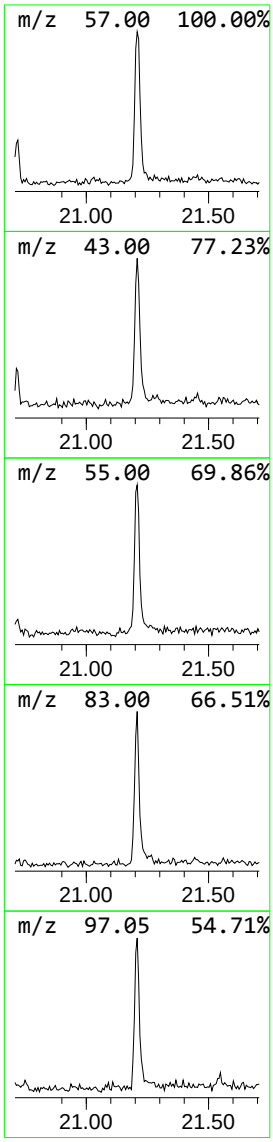
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.208	6.09 ng	200163	Chrysene-d12	21.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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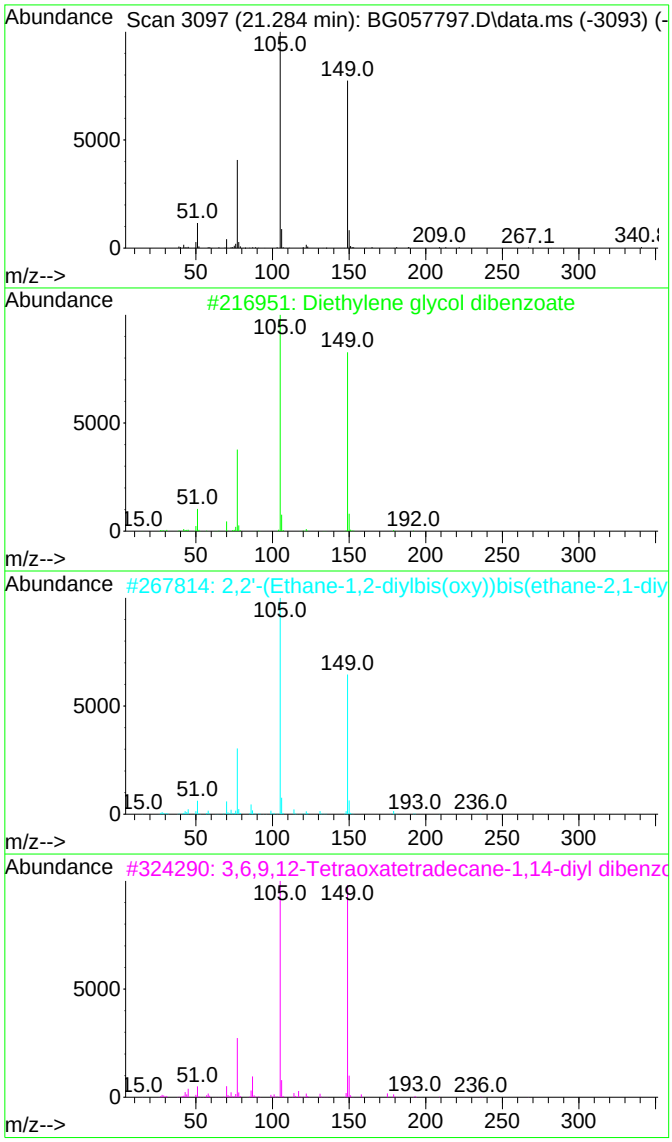
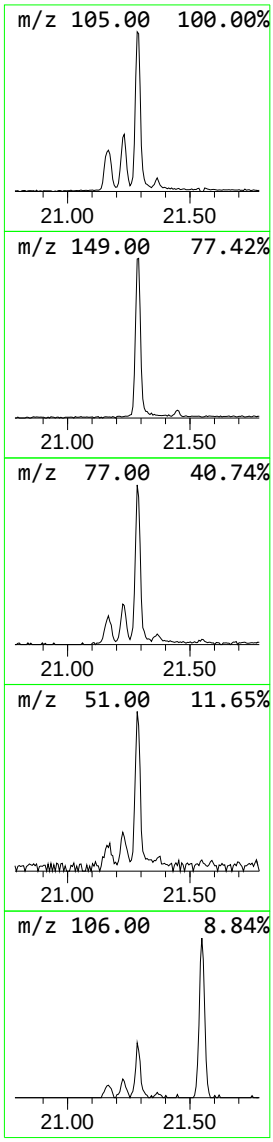
****

Peak Number 5 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.284	5.32 ng	175026	Chrysene-d12	21.548

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	83
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.027	15.3	ng	127199	1	7.923	166367	20.0
Benzophenone	15.908	4.9	ng	98487	3	14.557	402447	20.0
n-Hexadecanoic ...	18.188	5.5	ng	162478	4	17.301	585279	20.0
Pentafluoroprop...	21.208	6.1	ng	200163	5	21.548	657426	20.0
Diethylene glyc...	21.284	5.3	ng	175026	5	21.548	657426	20.0