LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089092.D
Acq On : 18 Jul 2016 20:11
Operator : UM/SJ
Sample : H4044-25 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H10-B5(0-5)C

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:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.632	3	4	13	rVB	126332	221868	7.42%	2.258%
2	1.747	13	14	48	rVB	1335281	2990916	100.00%	30.442%
3	4.764	276	278	283	rVB	32538	37127	1.24%	0.378%
4	5.233	317	319	321	rBV	549494	608182	20.33%	6.190%
5	6.296	409	412	414	rBV	719451	685804	22.93%	6.980%
6	6.410	420	422	424	rBV	802824	665771	22.26%	6.776%
7	6.479	426	428	430	rBV	52282	41373	1.38%	0.421%
8	6.639	440	442	444	rBB	388400	318123	10.64%	3.238%
9	6.799	454	456	458	rBB	553722	511352	17.10%	5.205%
10	7.210	489	492	494	rBV	380393	402568	13.46%	4.097%
11	7.930	552	555	557	rBV	422034	410400	13.72%	4.177%
12	9.005	646	649	651	rBV	864101	687086	22.97%	6.993%
13	9.405	682	684	686	rBB	101359	99945	3.34%	1.017%
14	9.679	705	708	710	rBV	292129	368833	12.33%	3.754%
15	10.456	774	776	779	rBV	323071	272982	9.13%	2.778%
16	11.153	834	837	838	rBV	229931	305447	10.21%	3.109%
17	12.353	939	942	944	rVB	37464	34082	1.14%	0.347%
18	12.731	972	975	977	rBV	516475	433229	14.48%	4.409%
19	13.645	1052	1055	1058	rBV2	32108	48017	1.61%	0.489%
20	13.771	1063	1066	1070	rVV	388151	374257	12.51%	3.809%
21	14.765	1151	1153	1156	rVB	21710	41962	1.40%	0.427%
22	15.131	1183	1185	1188	rVB	237118	265778	8.89%	2.705%

Sum of corrected areas: 9825102

LSC Report - Integrated Chromatogram

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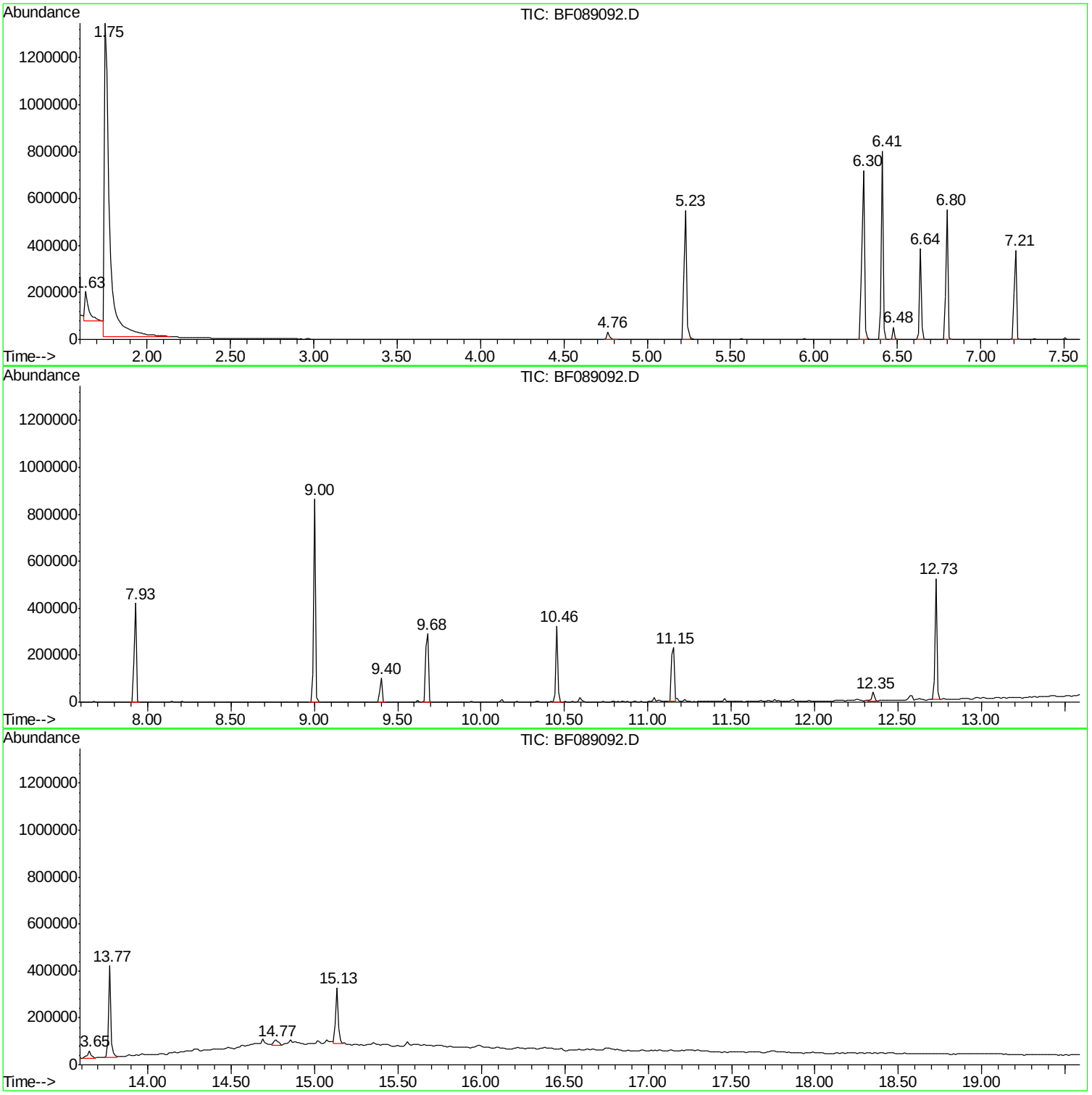
Instrument :
BNA_F
ClientSampleId :
H10-B5(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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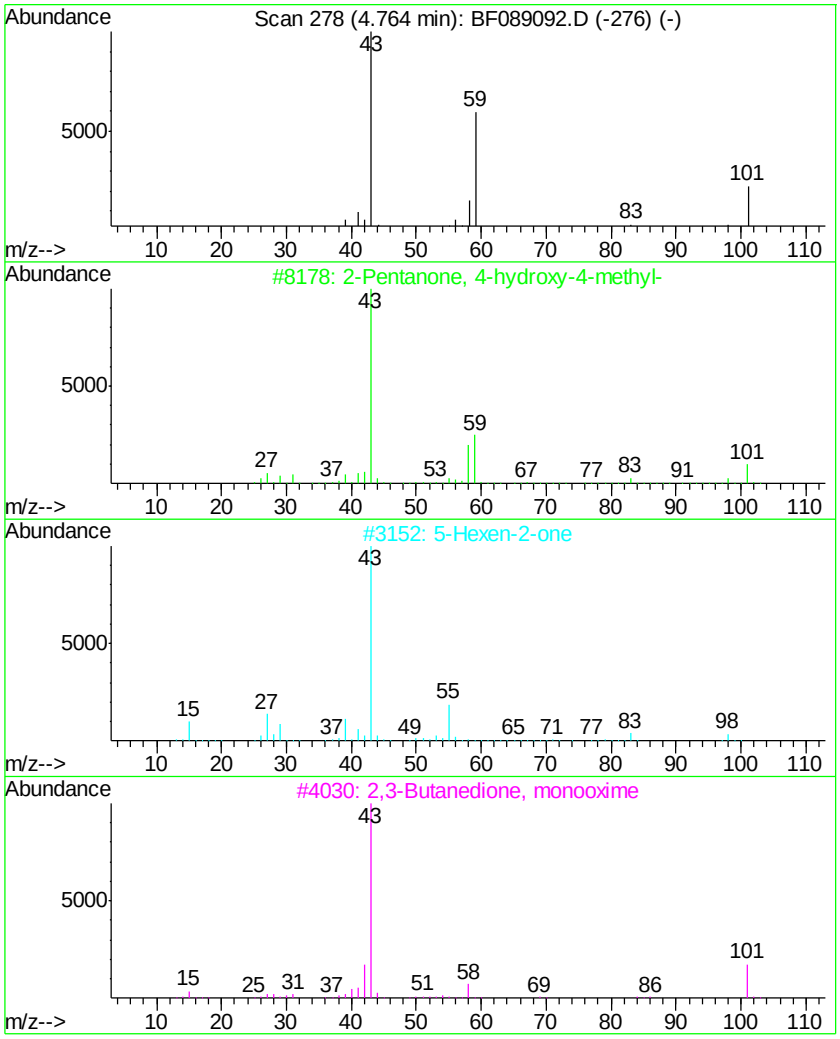
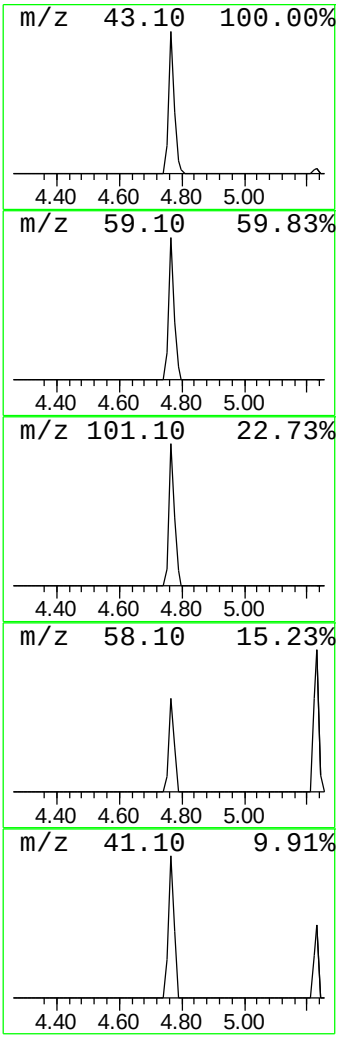
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	2.33 ng	37127	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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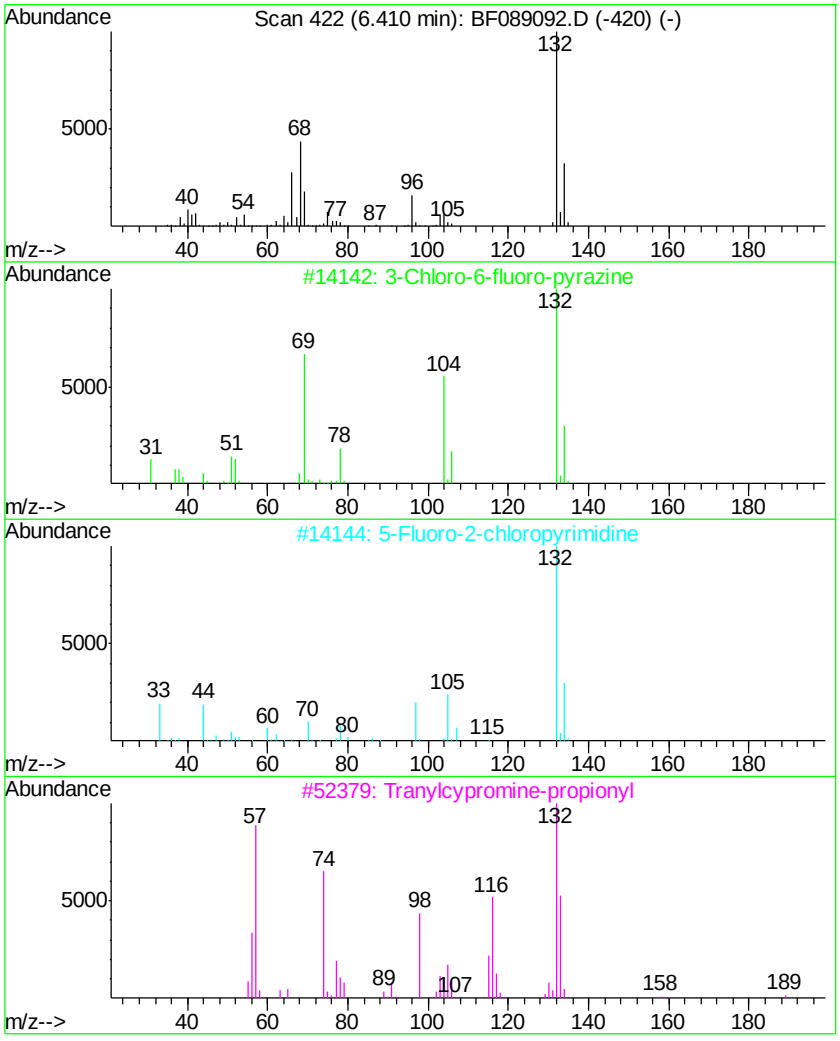
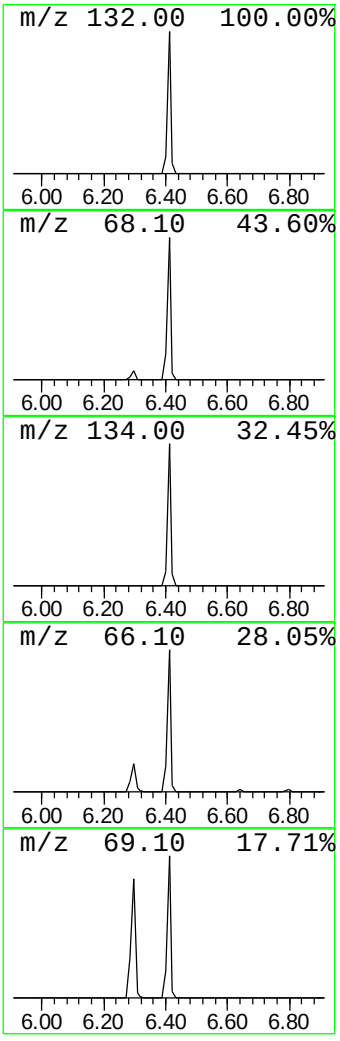
Peak Number 4 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	41.86 ng	665771	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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ClientSampleId : H10-B5(0-5)C

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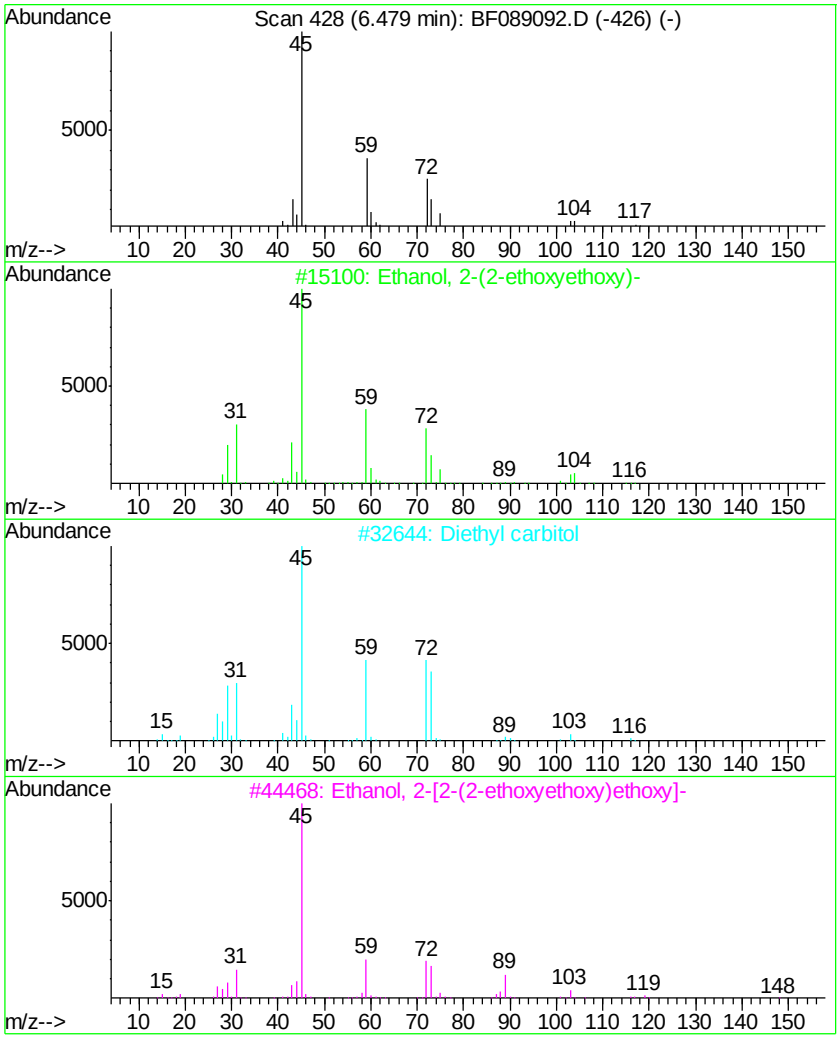
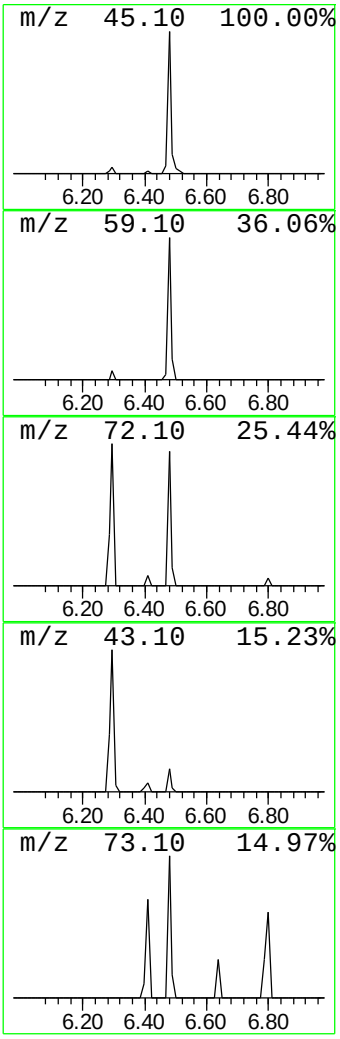
Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.60 ng	41373	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42





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Instrument : BNA_F
ClientSampleId : H10-B5(0-5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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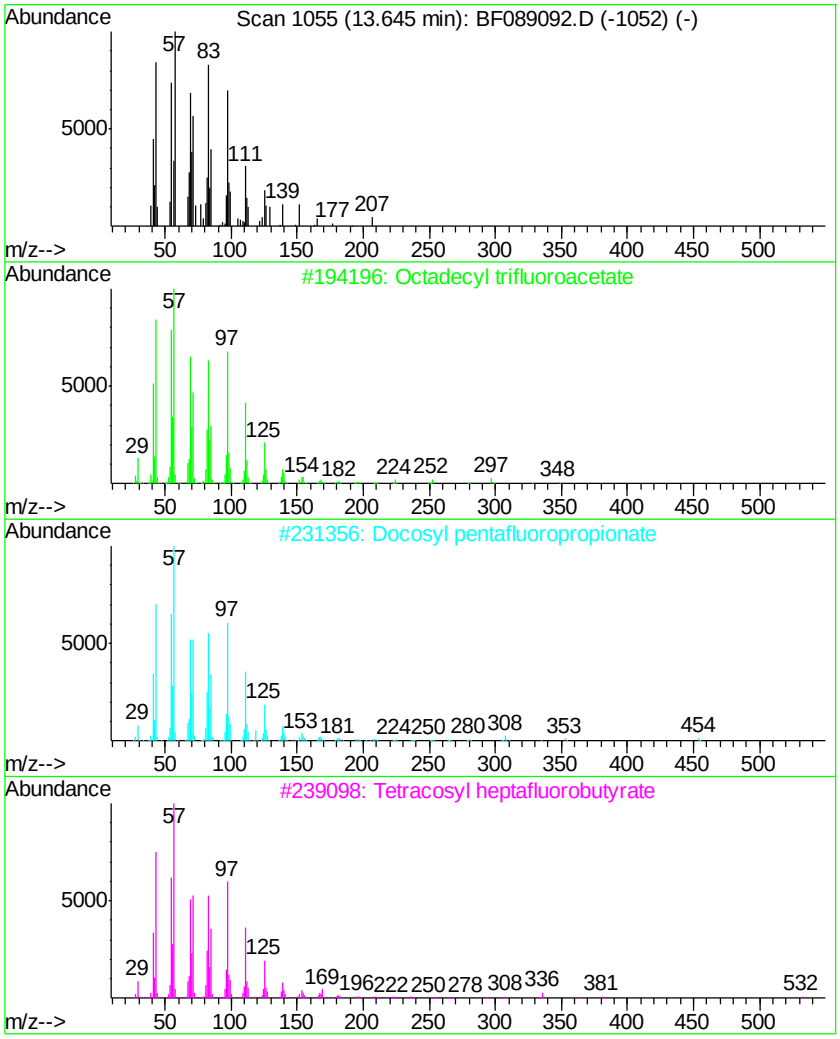
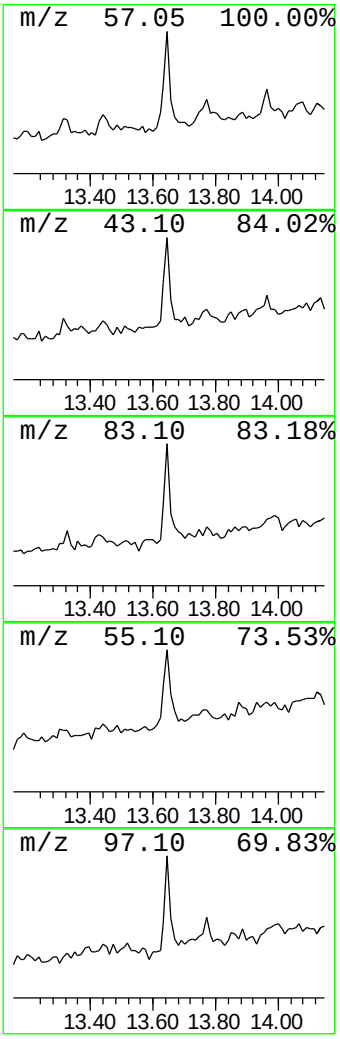
Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.57 ng	48017	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	74
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	68
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	68
4	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	68
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	68





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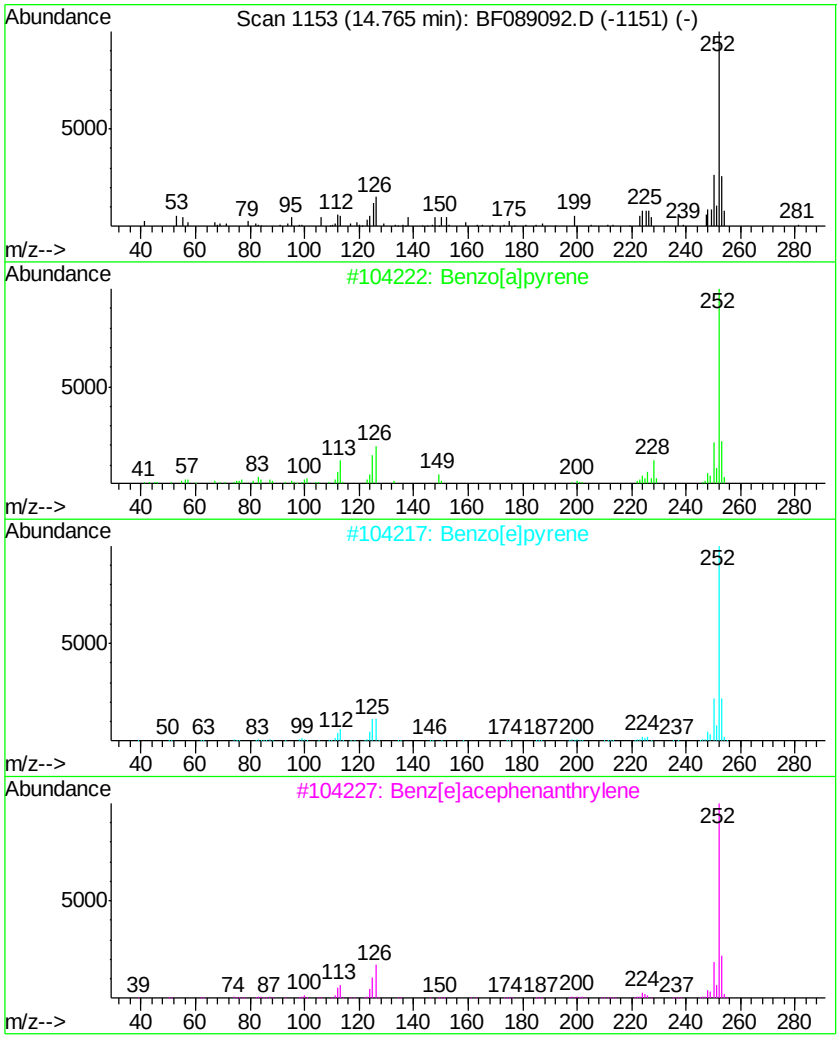
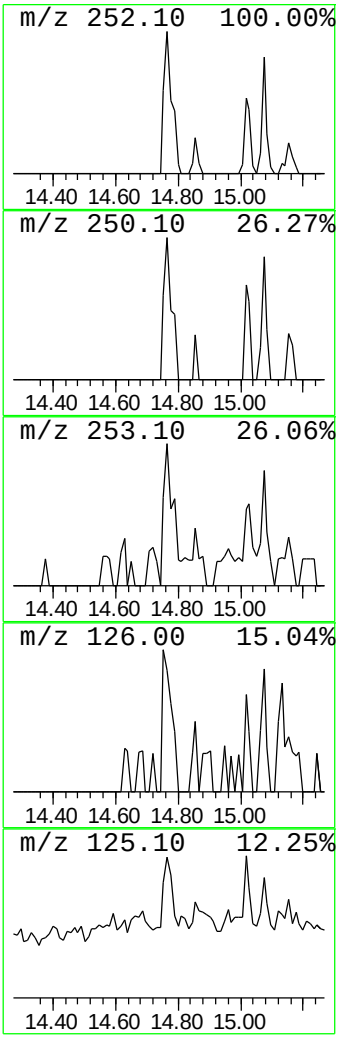
Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.16 ng	41962	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[e]pyrene	252	C20H12	000192-97-2	76
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	68
5	Perylene	252	C20H12	000198-55-0	68





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.76	2.3	ng	37127	1	6.64	318123	20.0
unknown6.41	6.41	41.9	ng	665771	1	6.64	318123	20.0
Ethanol, 2-(2-eth...	6.48	2.6	ng	41373	1	6.64	318123	20.0
Octadecyl trifluo...	13.65	2.6	ng	48017	5	13.77	374257	20.0
Benzo[e]pyrene	14.77	3.2	ng	41962	6	15.13	265778	20.0