LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087920.D
Acq On : 11 Jun 2016 23:58
Operator : UM/SJ
Sample : H3362-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0961

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-BF060716.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	1.735	12	13	20	rVV	300974	403802	9.29%	1.191%
2	1.861	22	24	37	rVV	2212713	3640664	83.75%	10.736%
3	2.021	37	38	55	rVB	130345	374403	8.61%	1.104%
4	4.959	293	295	300	rBV	95626	116469	2.68%	0.343%
5	5.393	330	333	335	rVB	1203537	1504830	34.62%	4.438%
6	6.433	421	424	426	rBV	754126	927335	21.33%	2.735%
7	6.570	433	436	438	rBV	2436195	2815361	64.76%	8.302%
8	6.799	454	456	458	rBV	1086521	894297	20.57%	2.637%
9	6.959	467	470	472	rBV	2687218	2519700	57.96%	7.430%
10	7.370	502	506	508	rBV	2024023	2282134	52.50%	6.730%
11	8.090	566	569	571	rBV	1349728	1284807	29.56%	3.789%
12	9.176	660	664	666	rBV	3041815	4347140	100.00%	12.819%
13	9.839	720	722	725	rBV	1364896	1436924	33.05%	4.237%
14	10.228	753	756	758	rBV	282281	242074	5.57%	0.714%
15	10.628	788	791	794	rBV2	1729352	2439521	56.12%	7.194%
16	11.325	849	852	854	rBV	1741803	1548045	35.61%	4.565%
17	12.742	973	976	978	rBV	245785	200100	4.60%	0.590%
18	12.914	988	991	994	rBV2	2928990	3897164	89.65%	11.492%
19	13.439	1035	1037	1039	rBV	104535	127912	2.94%	0.377%
20	13.954	1080	1082	1085	rBV	1336857	1398148	32.16%	4.123%
21	15.234	1191	1194	1197	rBV	38404	57166	1.32%	0.169%
22	15.371	1203	1206	1209	rBV	914144	1139284	26.21%	3.360%
23	15.703	1231	1235	1238	rVB	42819	79634	1.83%	0.235%
24	16.251	1279	1283	1285	rBV	33661	71008	1.63%	0.209%
25	16.914	1337	1341	1346	rVB	24840	60551	1.39%	0.179%
26	17.714	1406	1411	1420	rVB2	18566	57094	1.31%	0.168%
27	18.709	1493	1498	1505	rVB2	13378	45842	1.05%	0.135%

Sum of corrected areas: 33911409

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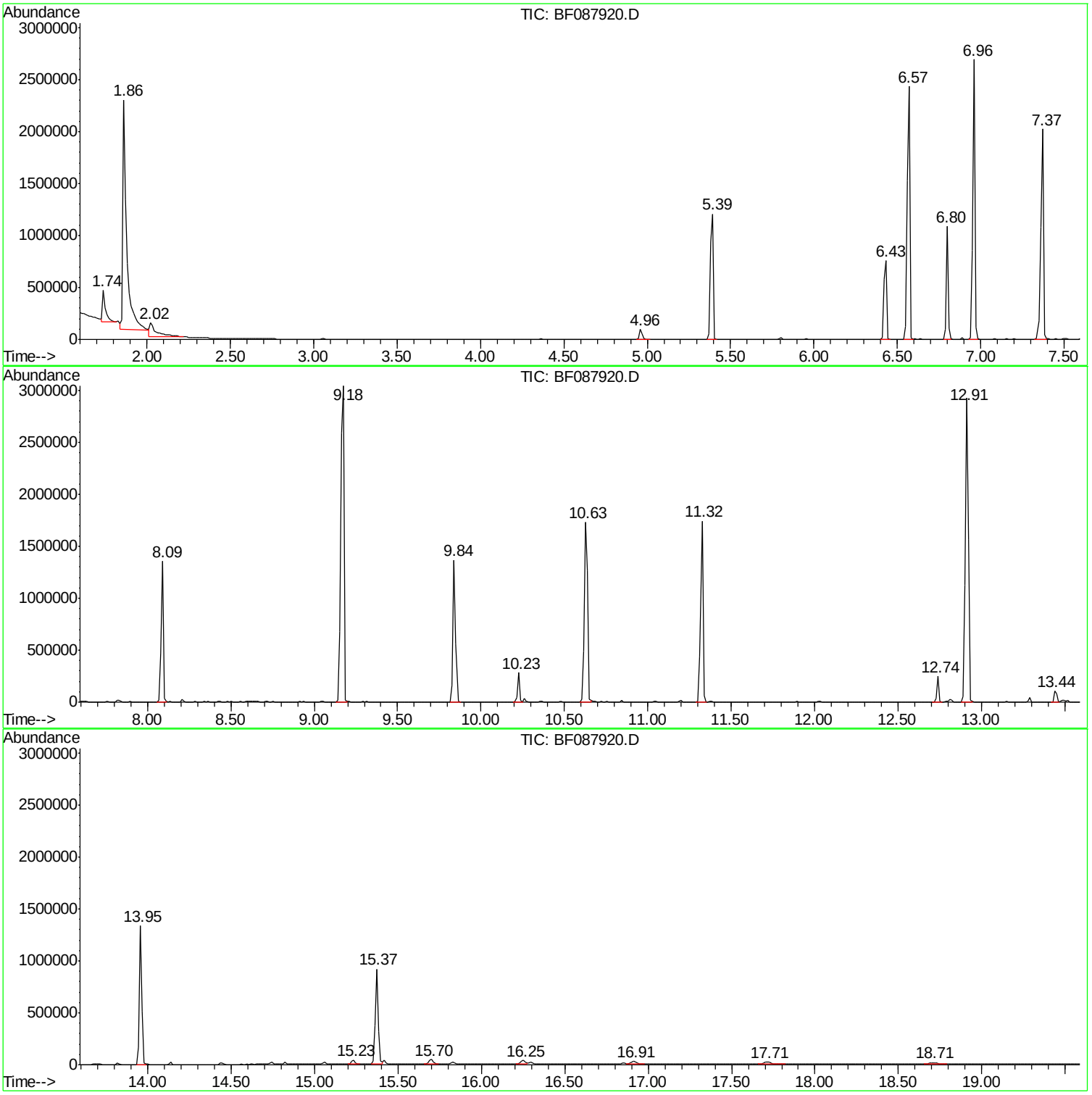
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Library : C:\Database\NIST11.L
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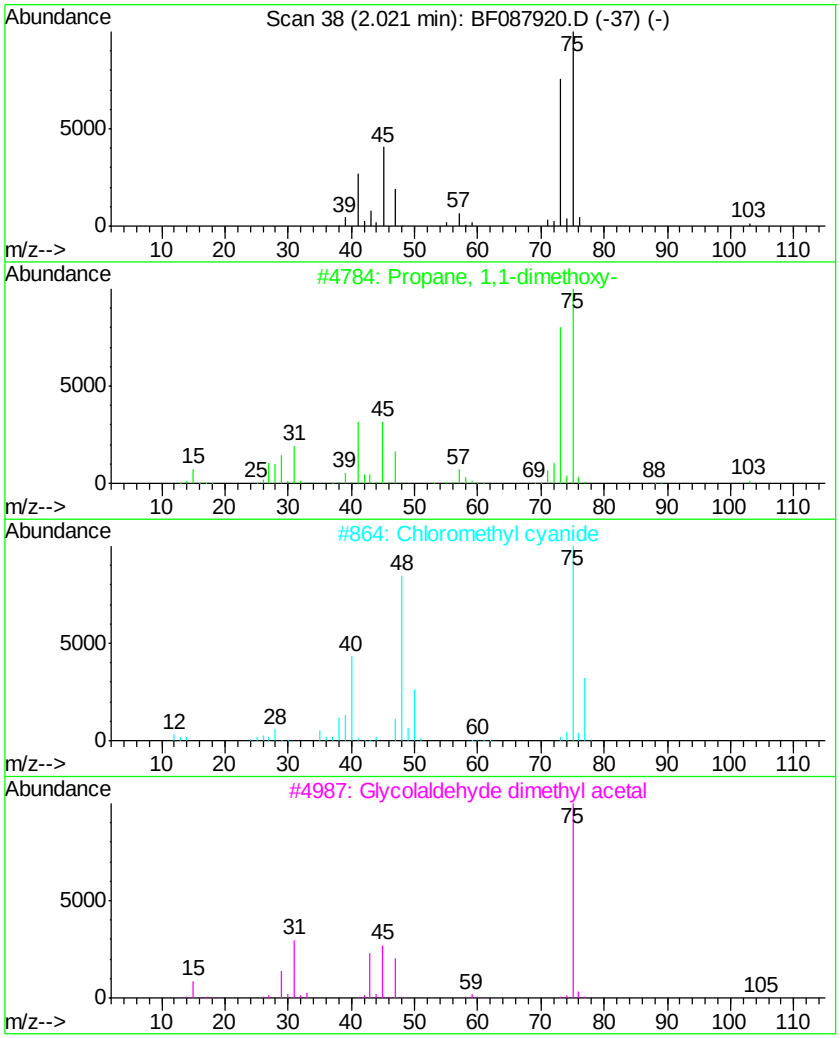
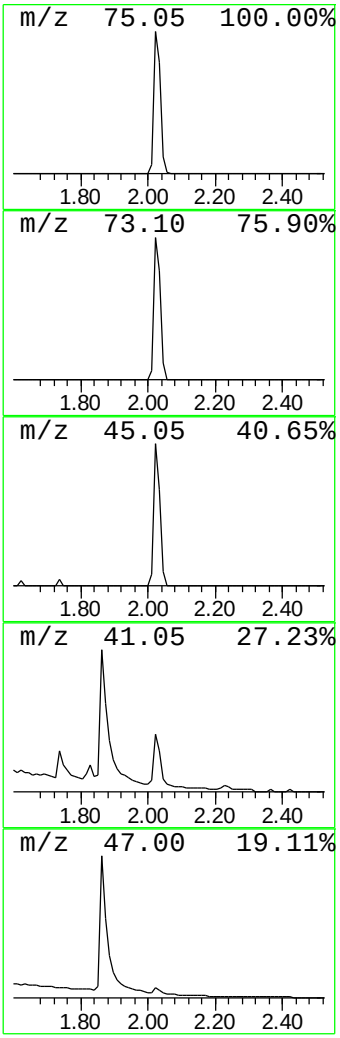
****

Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	8.37 ng	374403	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Chloromethyl cyanide	75	C2H2ClN	000107-14-2	38
3	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	36
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	27
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	16





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SP16-JMW0961

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

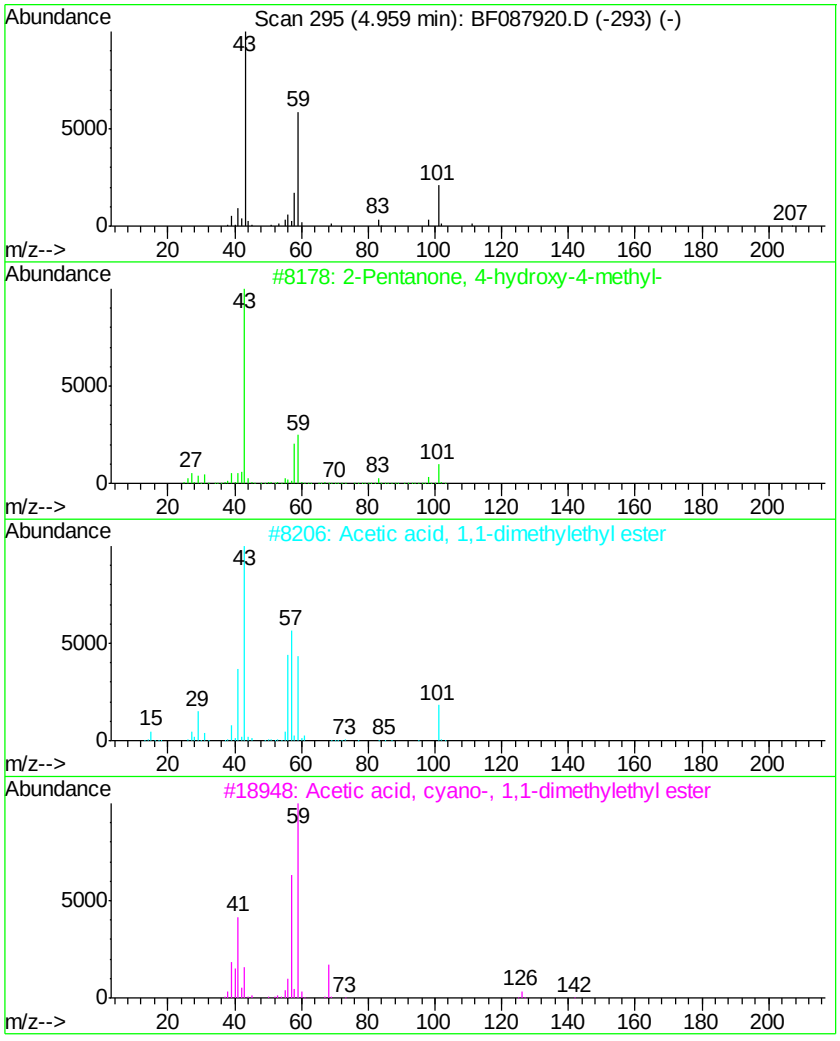
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

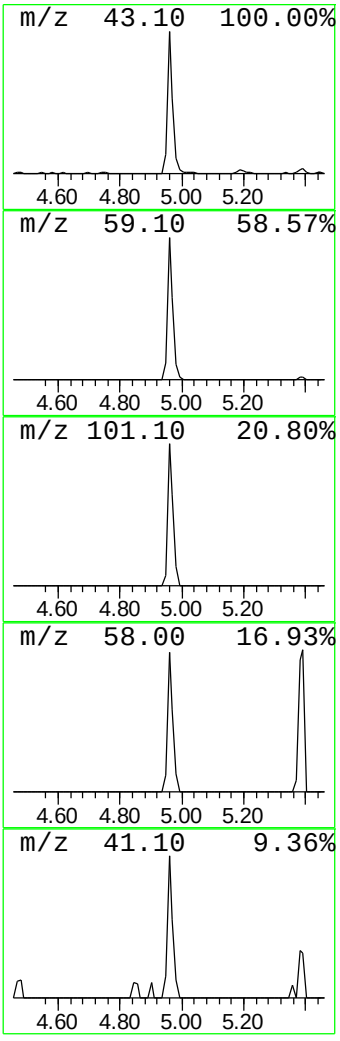
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.60 ng	116469	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SP16-JMW0961

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
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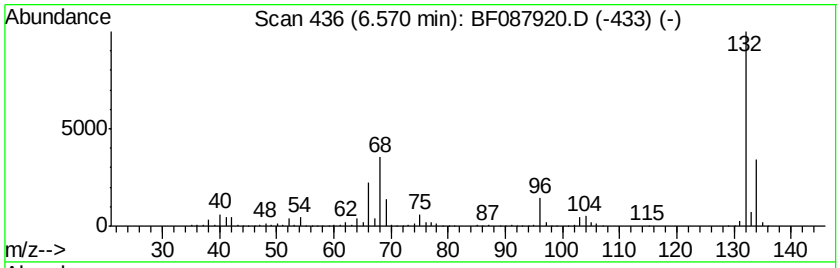
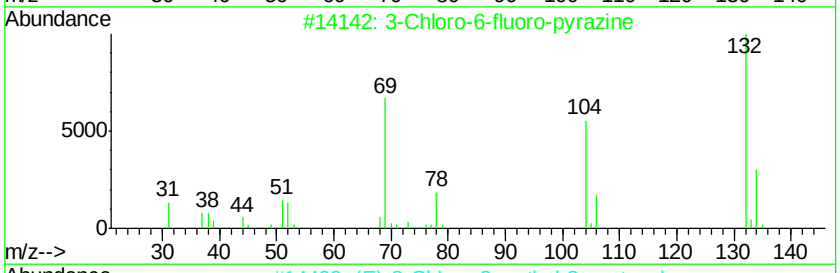
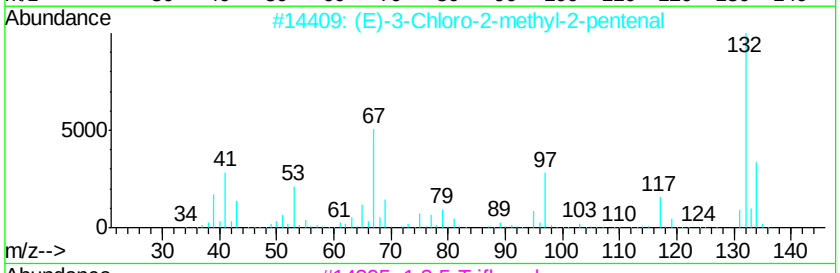
Peak Number 5 unknown6.57 Concentration Rank 2

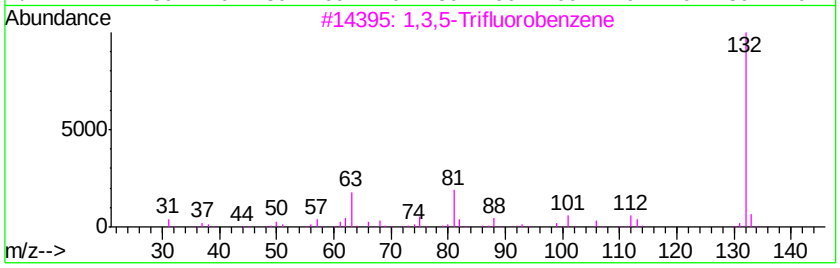
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	62.96 ng	2815360	1,4-Dichlorobenzene-d4	6.80

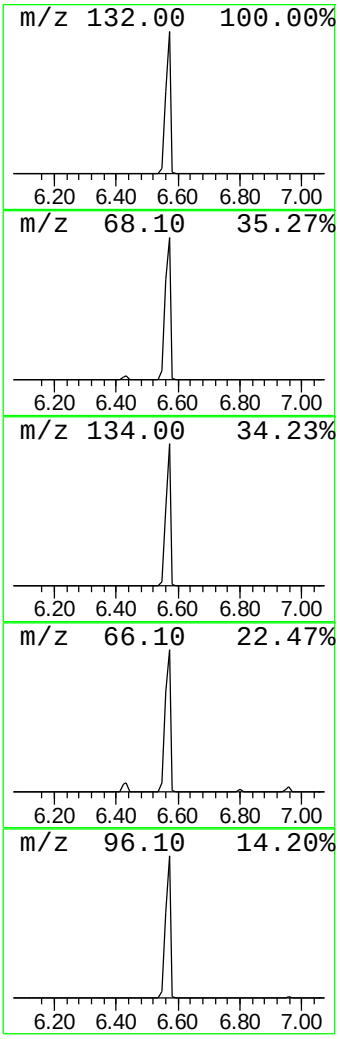
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9











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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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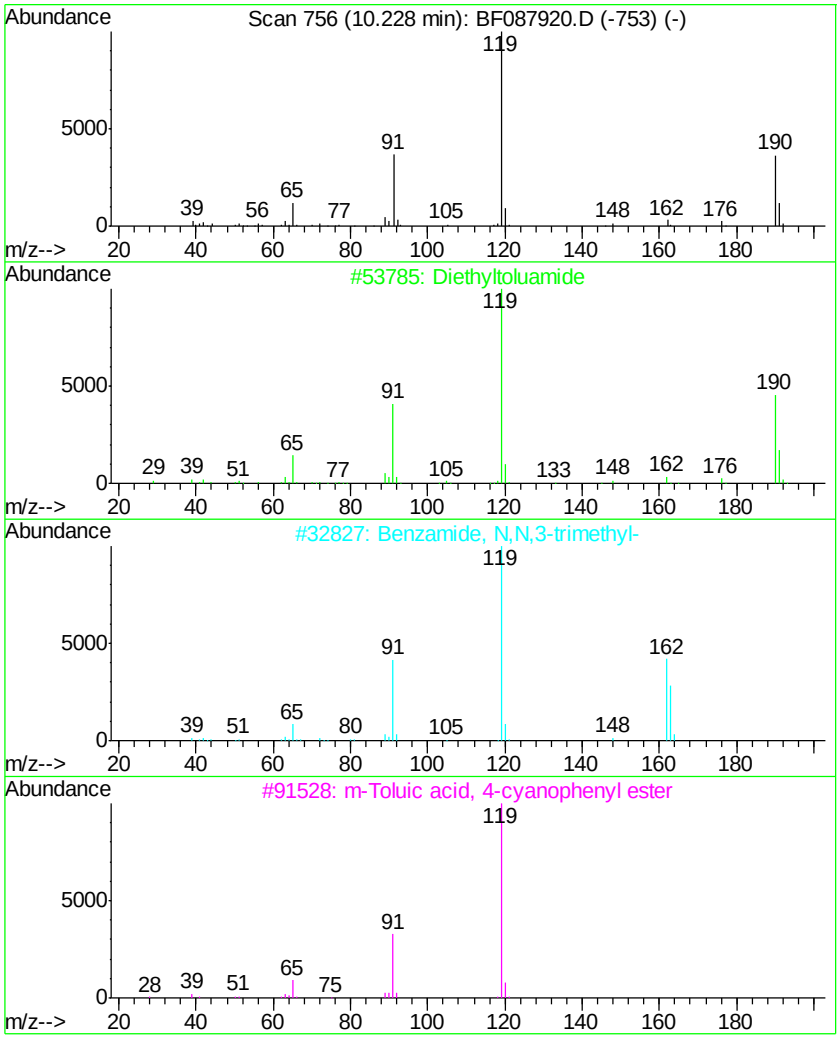
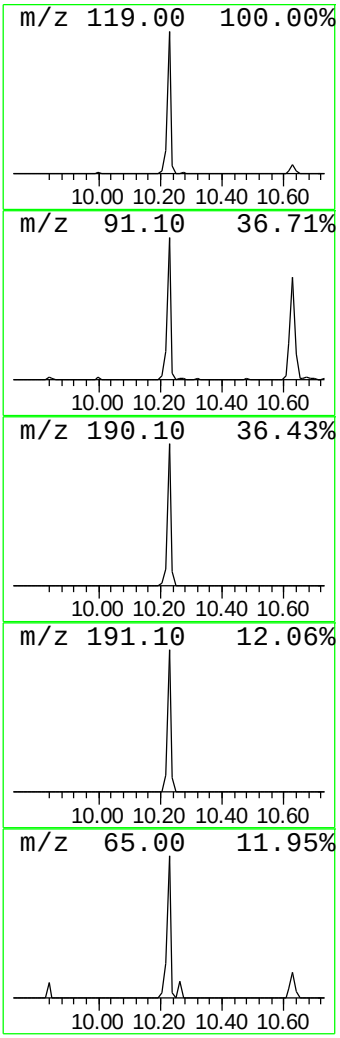
Peak Number 7 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	3.37 ng	242074	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N,3-trimethyl-	163	C10H13NO	006935-65-5	59
3	m-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-56-9	58
4	p-Toluic acid, cyclobutyl ester	190	C12H14O2	1000292-21-4	53
5	Benzoic acid, 4-methyl-, [3-(4-m...	360	C23H20O4	306763-84-8	53





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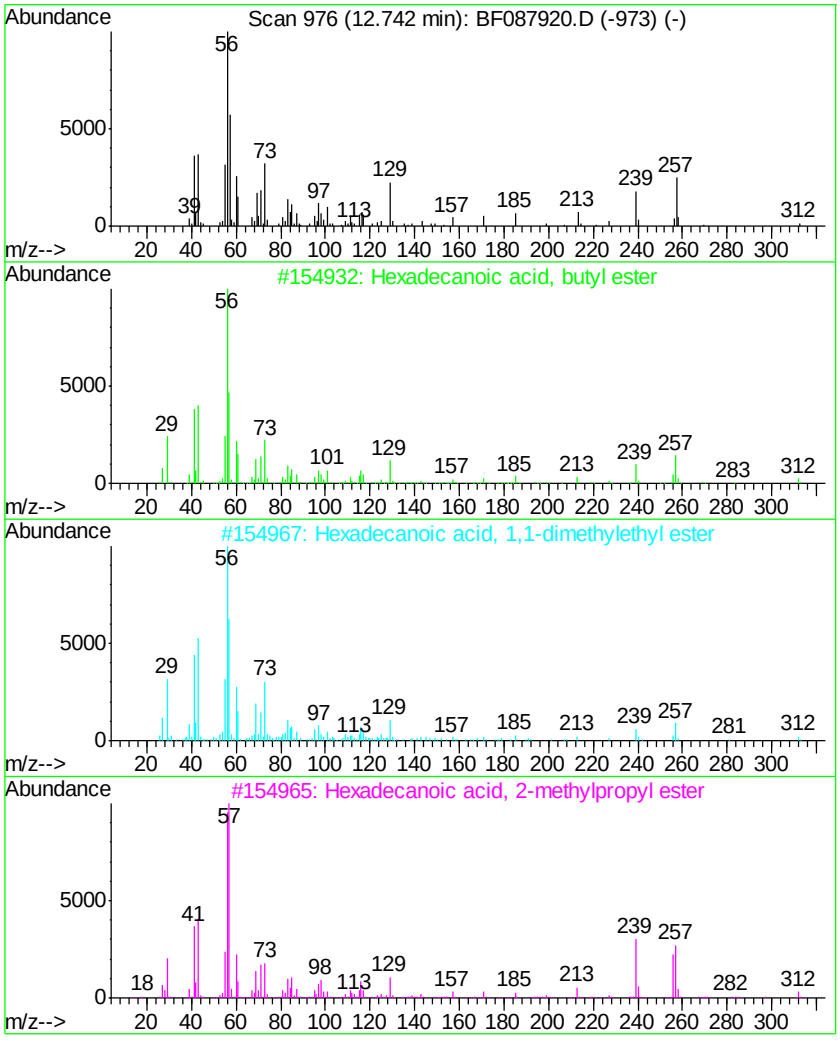
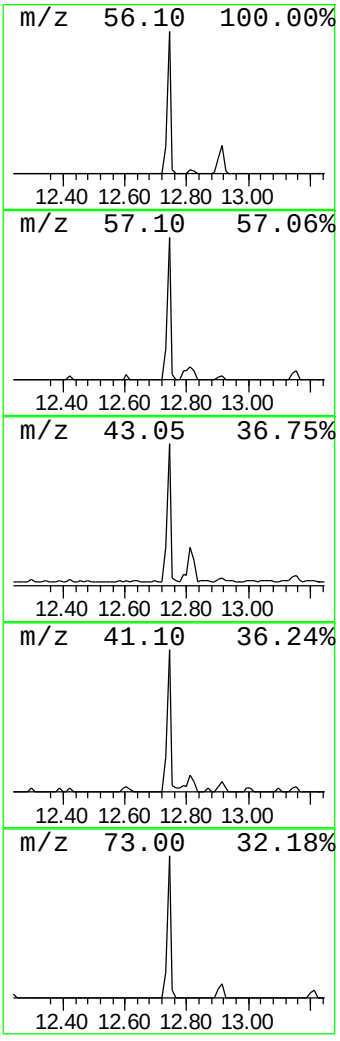
Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	2.86 ng	200100	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	72
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35





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
Propane, 1,1-dime...	2.02	8.4	ng	374403	1	6.80	894297	20.0
2-Pentanone, 4-hy...	4.96	2.6	ng	116469	1	6.80	894297	20.0
unknown6.57	6.57	63.0	ng	2815360	1	6.80	894297	20.0
Diethyltoluamide	10.23	3.4	ng	242074	3	9.84	1436920	20.0
Hexadecanoic acid...	12.74	2.9	ng	200100	5	13.95	1398150	20.0