LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089432.D
Acq On : 30 Jul 2016 2:41
Operator : UM/SJ
Sample : H4221-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-46-10.0-15.0

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:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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	1.678	6	8	59	rVB	1080555	2688069	100.00%	20.397%
2	4.616	263	265	274	rBV	68285	122520	4.56%	0.930%
3	5.084	304	306	332	rBV	617704	765095	28.46%	5.806%
4	6.170	399	401	409	rBV	449679	546480	20.33%	4.147%
5	6.284	409	411	413	rBV	1106354	1152705	42.88%	8.747%
6	6.513	429	431	437	rBV	221197	251883	9.37%	1.911%
7	6.673	442	445	447	rBV	893174	1009105	37.54%	7.657%
8	7.084	479	481	493	rBV	520077	800020	29.76%	6.071%
9	7.736	535	538	542	rBV	787211	875731	32.58%	6.645%
10	7.805	542	544	546	rVV	289694	317988	11.83%	2.413%
11	8.216	577	580	590	rVB	63044	79638	2.96%	0.604%
12	8.879	635	638	641	rBV	1562809	1473193	54.80%	11.179%
13	9.279	671	673	682	rVB	71290	65654	2.44%	0.498%
14	9.542	694	696	699	rBV	412573	364827	13.57%	2.768%
15	10.330	763	765	767	rBV	515950	615184	22.89%	4.668%
16	10.616	788	790	794	rBV	135597	155957	5.80%	1.183%
17	10.685	794	796	804	rVV2	69334	190122	7.07%	1.443%
18	11.016	823	825	840	rBV	243214	274761	10.22%	2.085%
19	12.594	961	963	966	rBV	967958	922572	34.32%	7.000%
20	13.634	1051	1054	1060	rBV	216222	242323	9.01%	1.839%
21	14.960	1168	1170	1180	rBV	209007	264861	9.85%	2.010%

Sum of corrected areas: 13178688

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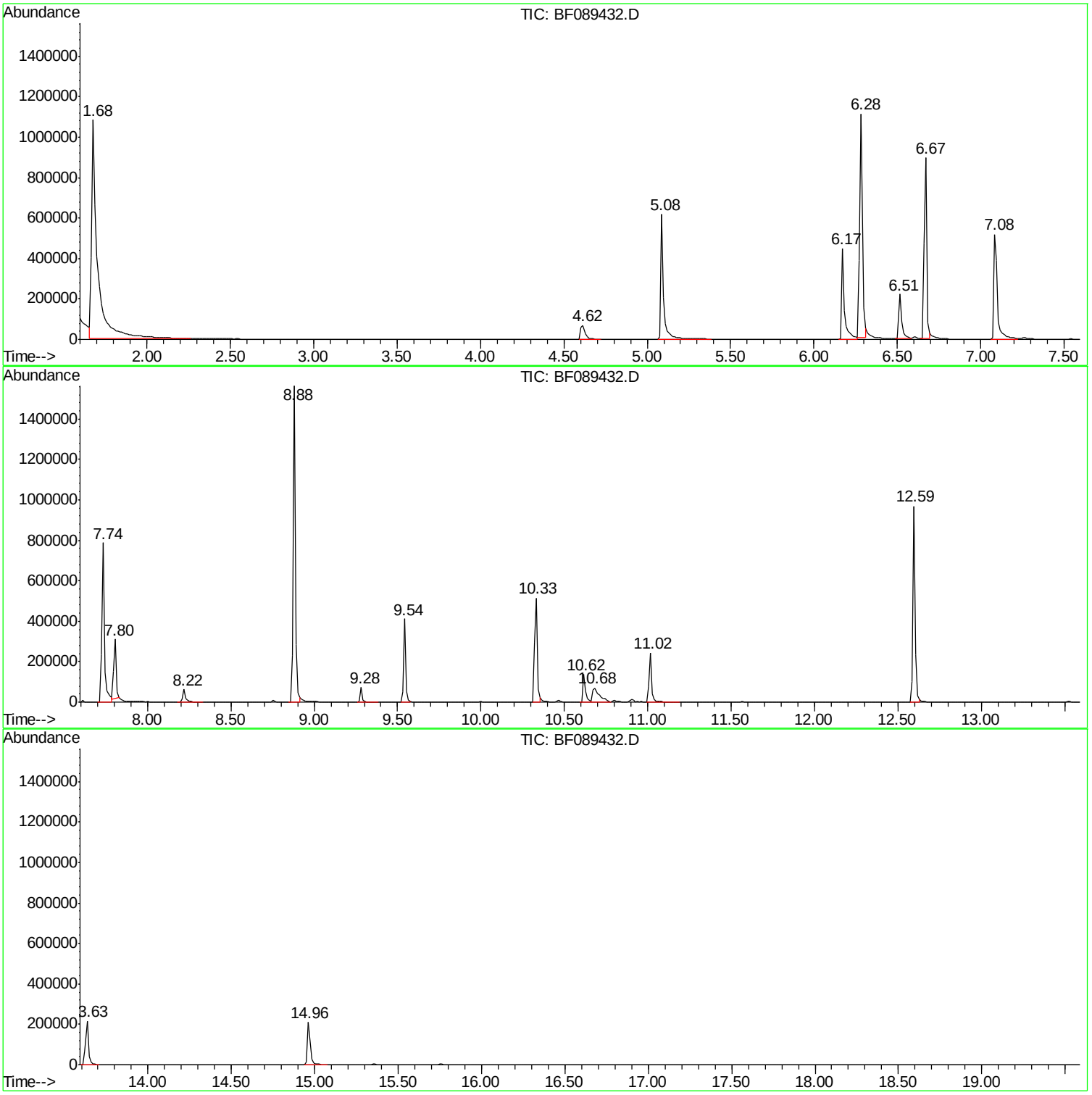
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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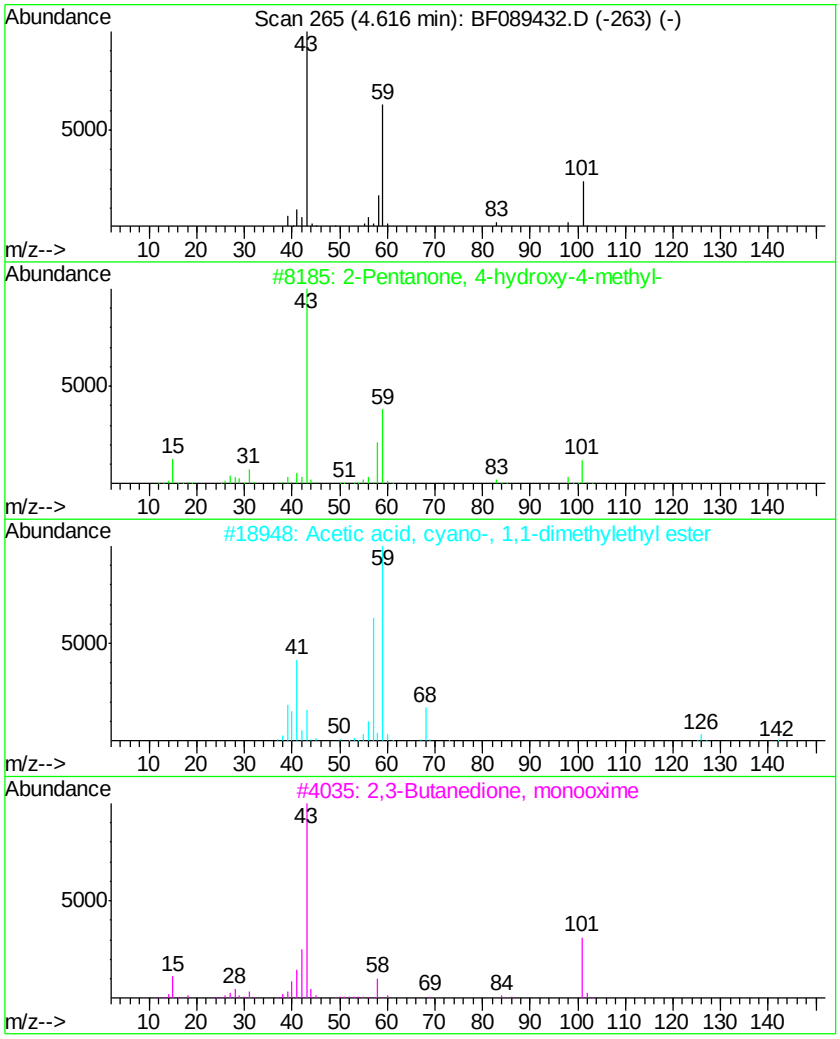
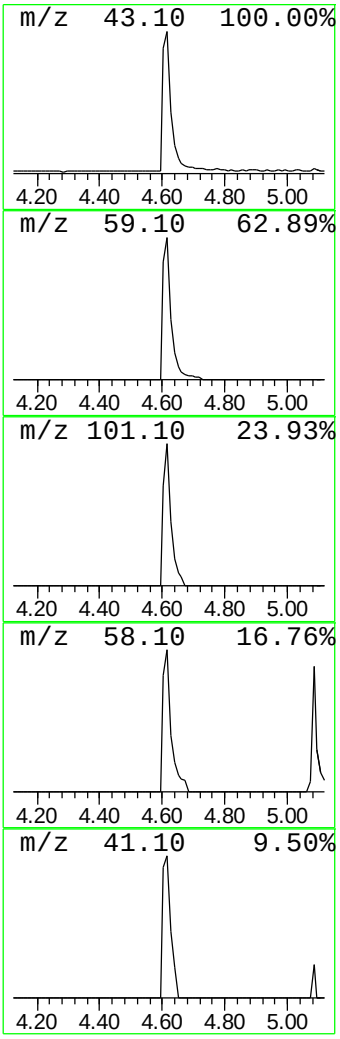
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	9.73 ng	122520	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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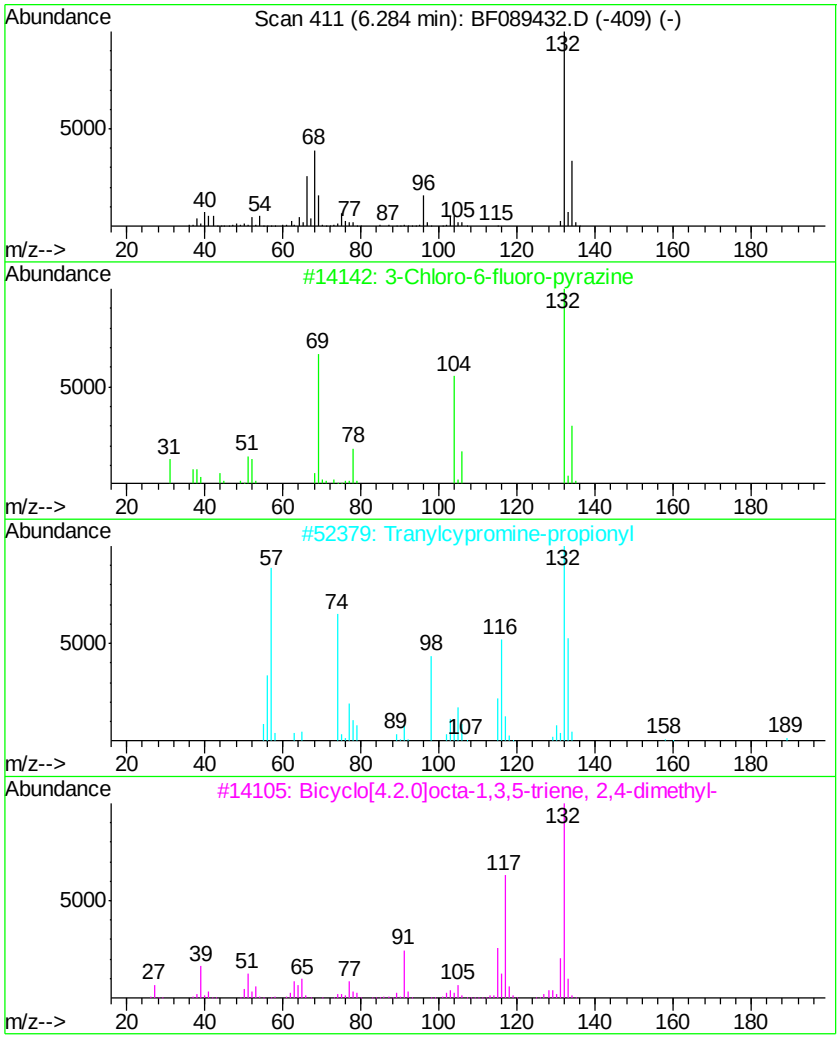
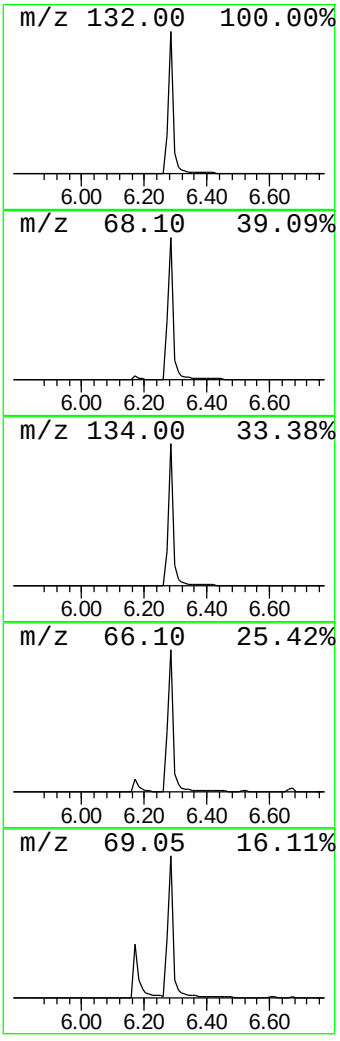
Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	91.53 ng	1152710	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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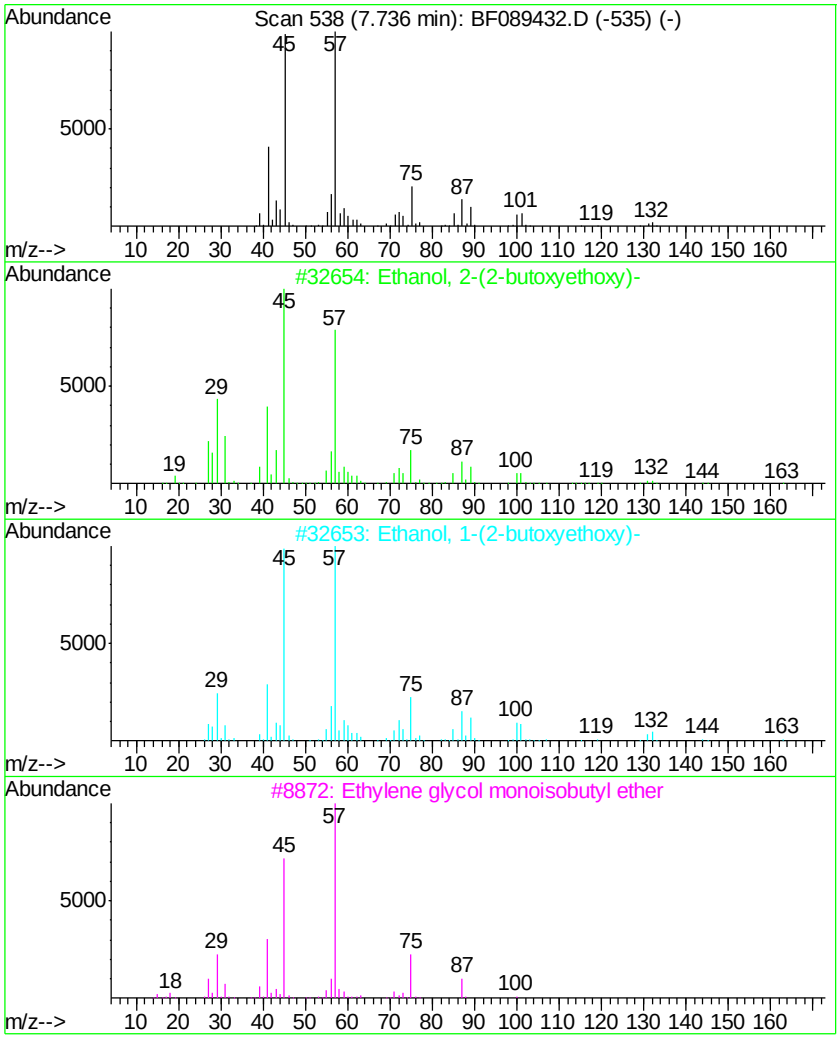
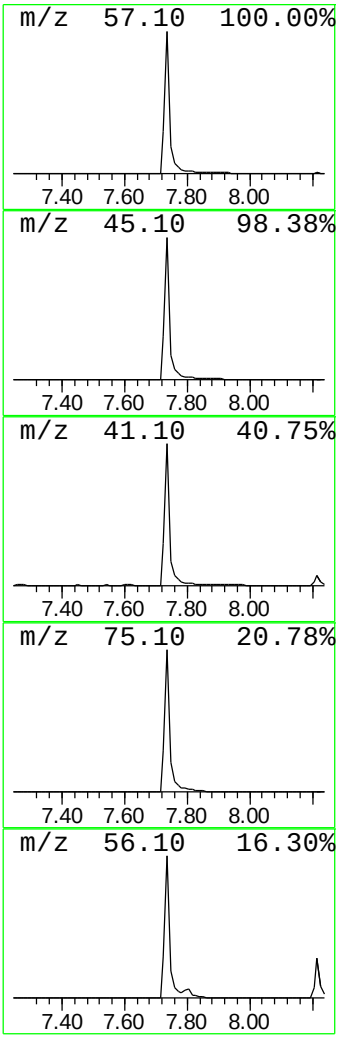
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	55.08 ng	875731	Naphthalene-d8	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Di-sec-butyl ether	130	C8H18O	006863-58-7	50
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50





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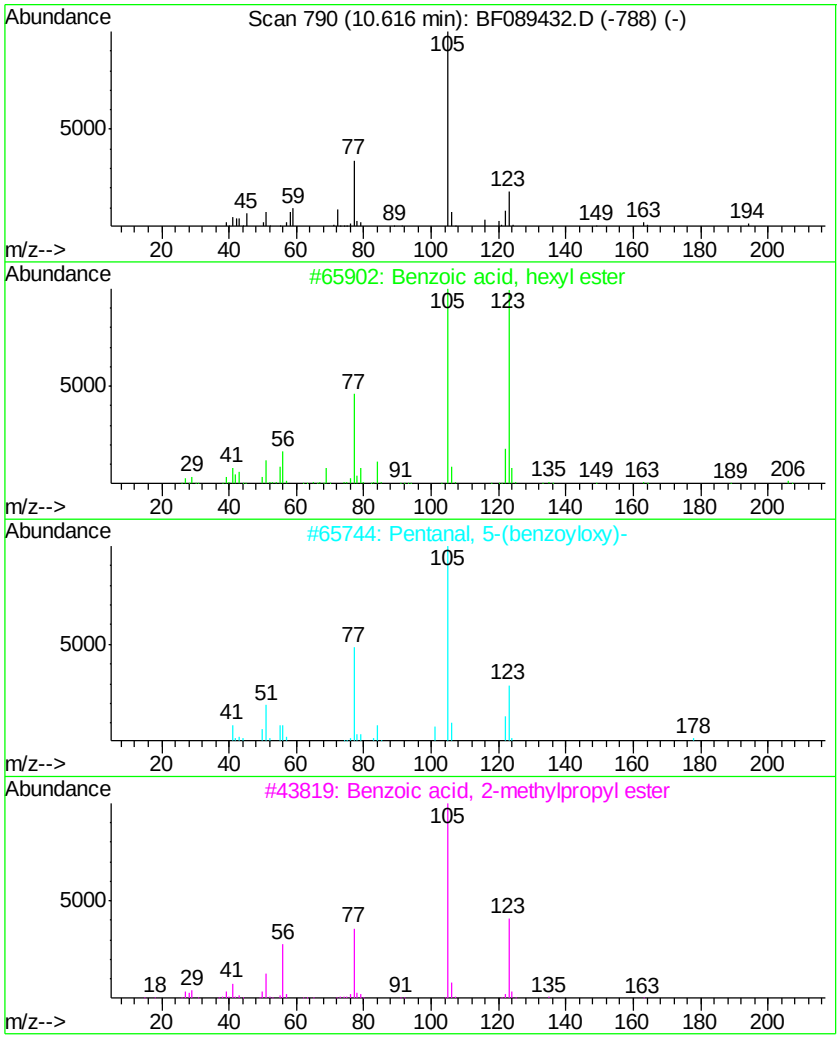
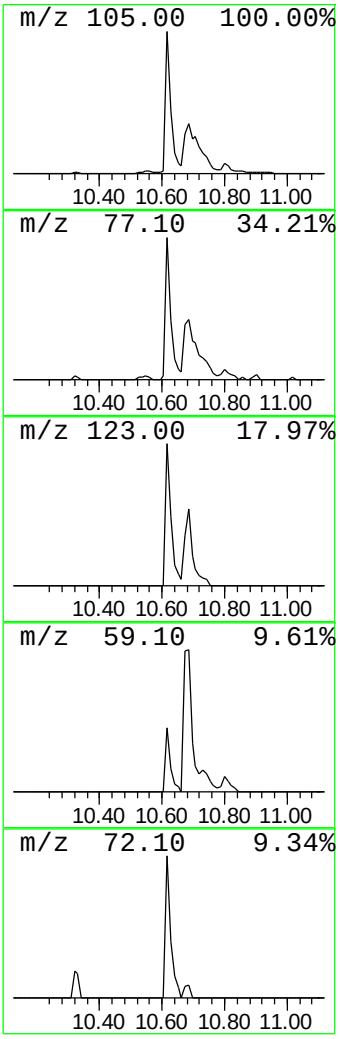
Peak Number 6 Benzoic acid, hexyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	11.35 ng	155957	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	50
2	Pentanal, 5-(benzoyloxy)-	206	C12H14O3	055162-83-9	50
3	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	47
4	Benzoic acid, 1-methylethyl ester	164	C10H12O2	000939-48-0	43
5	1,2(4H)-Oxazine-3-ol, 5,6-dihydr...	219	C11H9NO4	1000253-25-6	43





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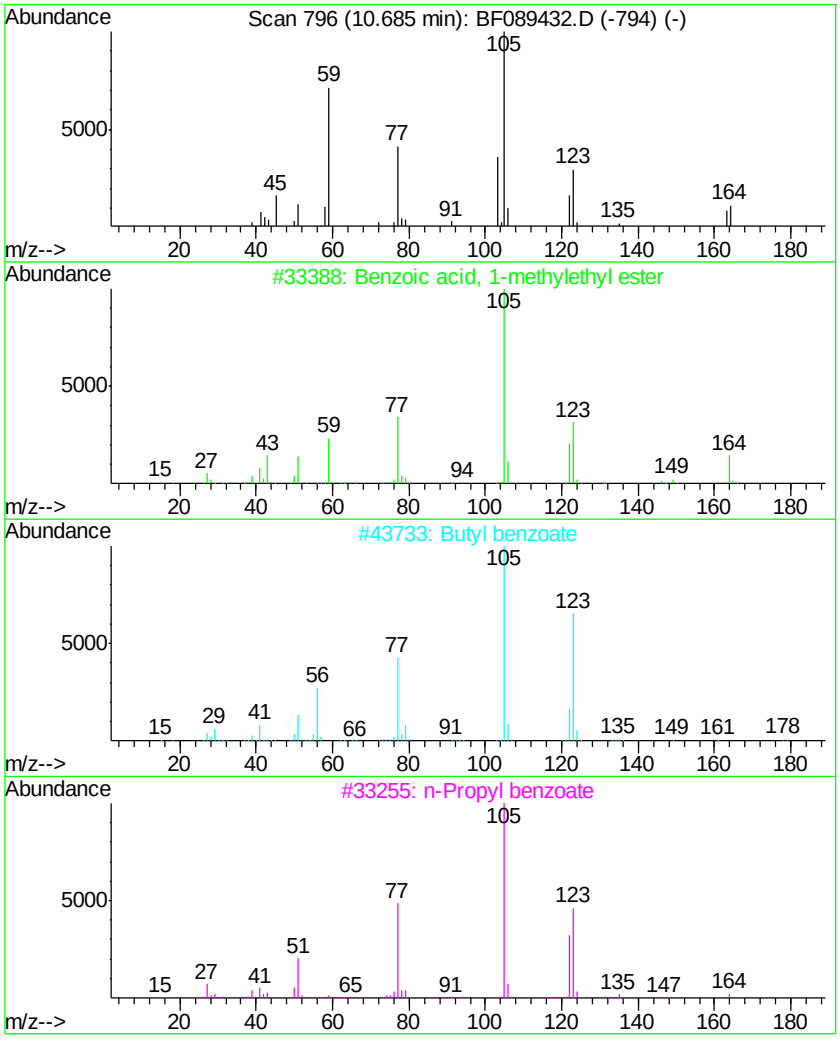
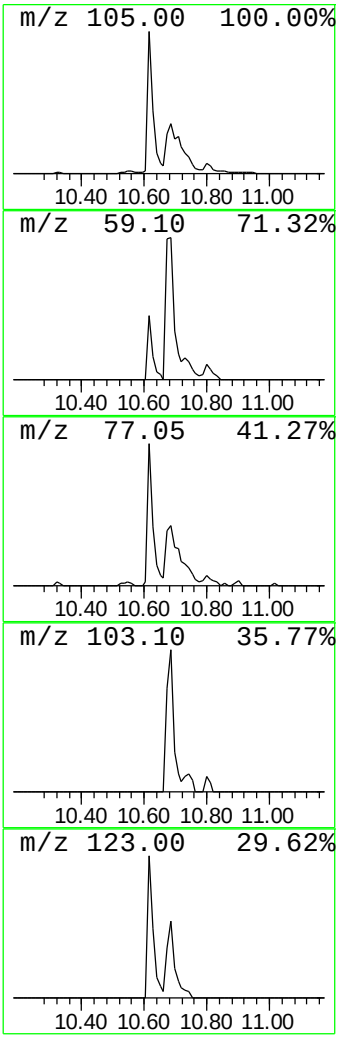
Peak Number 7 Benzoic acid, 1-methylethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	13.84 ng	190122	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 1-methylethyl ester	164	C10H12O2	000939-48-0	55
2	Butyl benzoate	178	C11H14O2	000136-60-7	43
3	n-Propyl benzoate	164	C10H12O2	002315-68-6	43
4	Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	38
5	Benzoic acid, pent-2-yl ester	192	C12H16O2	039180-02-4	38





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-hy...	4.62	9.7	ng	122520	1	6.51	251883	20.0
unknown6.28	6.28	91.5	ng	1152710	1	6.51	251883	20.0
Ethanol, 2-(2-but...	7.74	55.1	ng	875731	2	7.80	317988	20.0
Benzoic acid, hex...	10.62	11.4	ng	155957	4	11.02	274761	20.0
Benzoic acid, 1-m...	10.68	13.8	ng	190122	4	11.02	274761	20.0