LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099611.D
Acq On : 18 Oct 2017 12:22
Operator : SJ/JU
Sample : I5907-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE-FOUNDATION-COMP

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-BF092317.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	4.440	395	400	412	rBV	1042639	1267109	47.92%	5.904%
2	5.063	500	506	521	rBV	1085667	1423576	53.84%	6.633%
3	5.463	570	574	589	rBV	1458726	1416911	53.59%	6.602%
4	6.469	741	745	760	rBV	1738317	1846521	69.83%	8.604%
5	6.598	763	767	771	rBV	1803852	1582363	59.84%	7.373%
6	6.828	802	806	813	rBV	606548	566275	21.42%	2.639%
7	6.981	828	832	836	rBV	1970166	1789508	67.68%	8.338%
8	7.392	897	902	905	rBV	1414535	1350203	51.06%	6.291%
9	8.104	1019	1023	1027	rBV	829344	780598	29.52%	3.637%
10	8.663	1115	1118	1124	rBB	32127	28025	1.06%	0.131%
11	9.180	1200	1206	1209	rBV	2688657	2644159	100.00%	12.321%
12	9.575	1269	1273	1282	rVB	304011	247357	9.35%	1.153%
13	9.863	1316	1322	1325	rBV	899755	887501	33.56%	4.135%
14	10.569	1439	1442	1449	rBV	120088	103682	3.92%	0.483%
15	10.651	1452	1456	1466	rBV	763839	672646	25.44%	3.134%
16	11.345	1571	1574	1578	rBV	969678	906963	34.30%	4.226%
17	12.933	1839	1844	1847	rBV	2458487	2471864	93.48%	11.518%
18	13.810	1989	1993	1998	rBV	38022	46598	1.76%	0.217%
19	13.986	2020	2023	2029	rBV	843725	822564	31.11%	3.833%
20	15.451	2266	2272	2279	rBV	486158	606526	22.94%	2.826%

Sum of corrected areas: 21460949

LSC Report - Integrated Chromatogram

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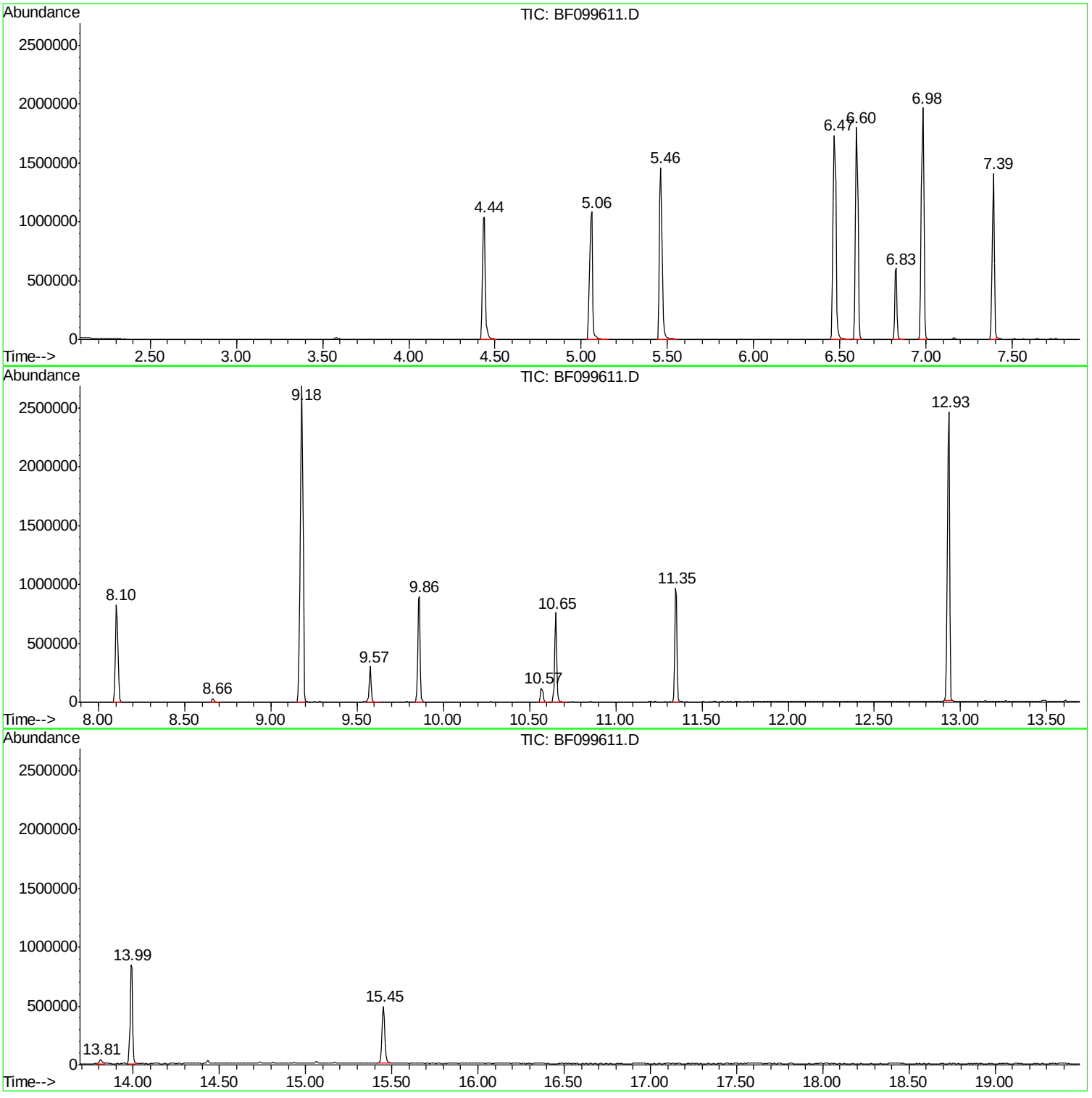
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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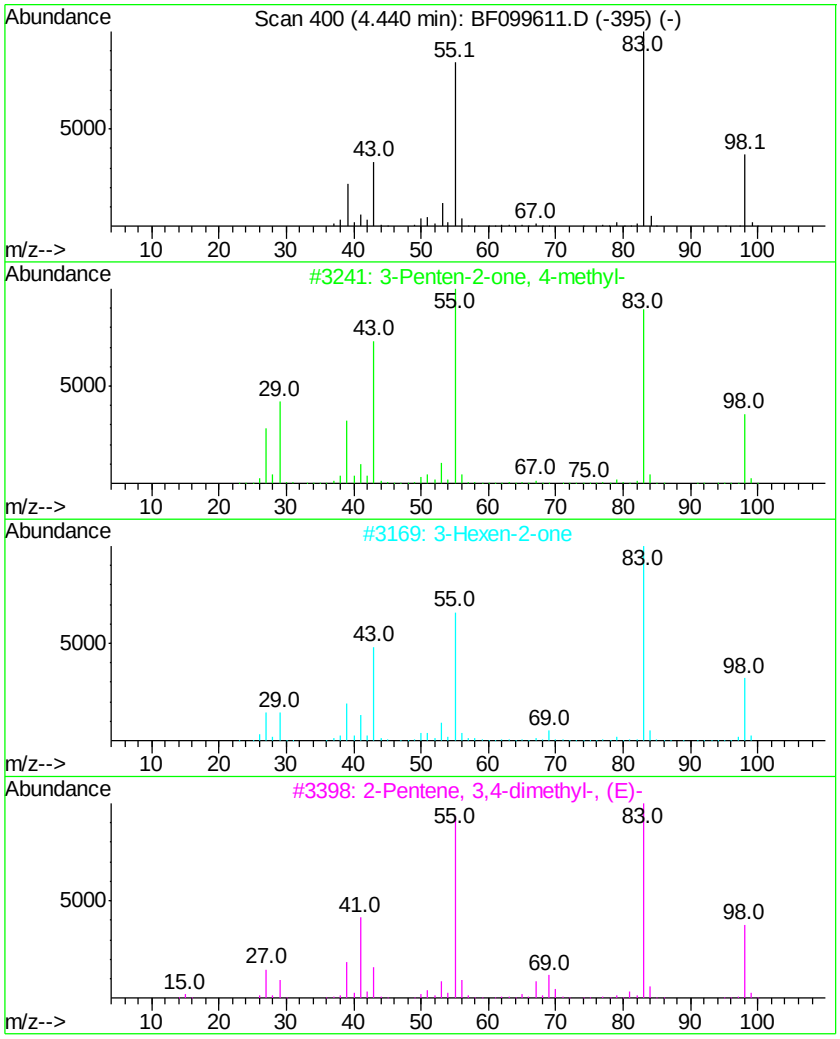
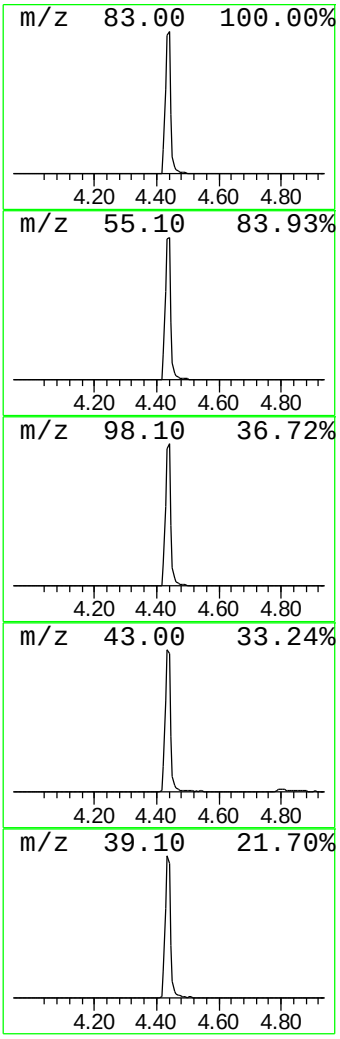
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	44.75 ng	1267110	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





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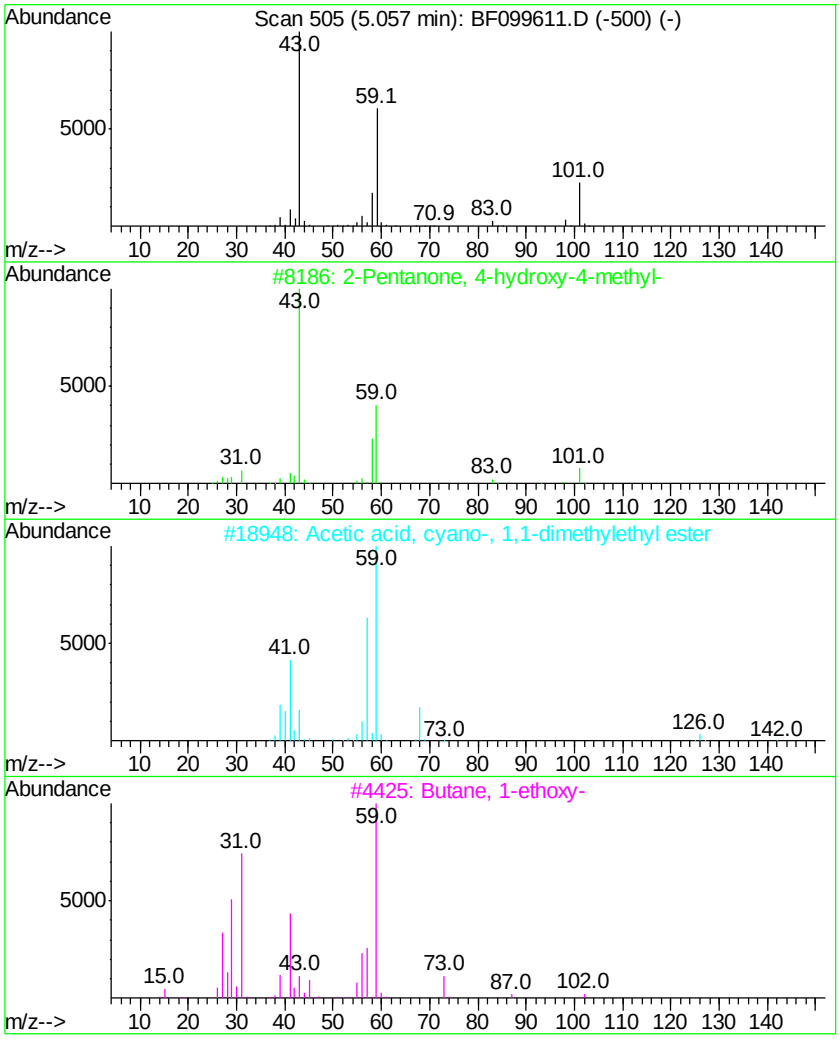
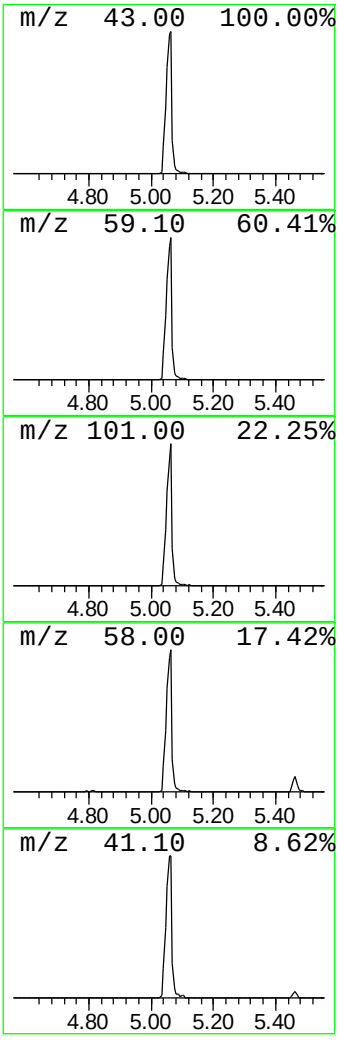
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	50.28 ng	1423580	1,4-Dichlorobenzene-d4	6.83

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	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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Instrument : BNA_F
ClientSampleId : CONCRETE-FOUNDATION-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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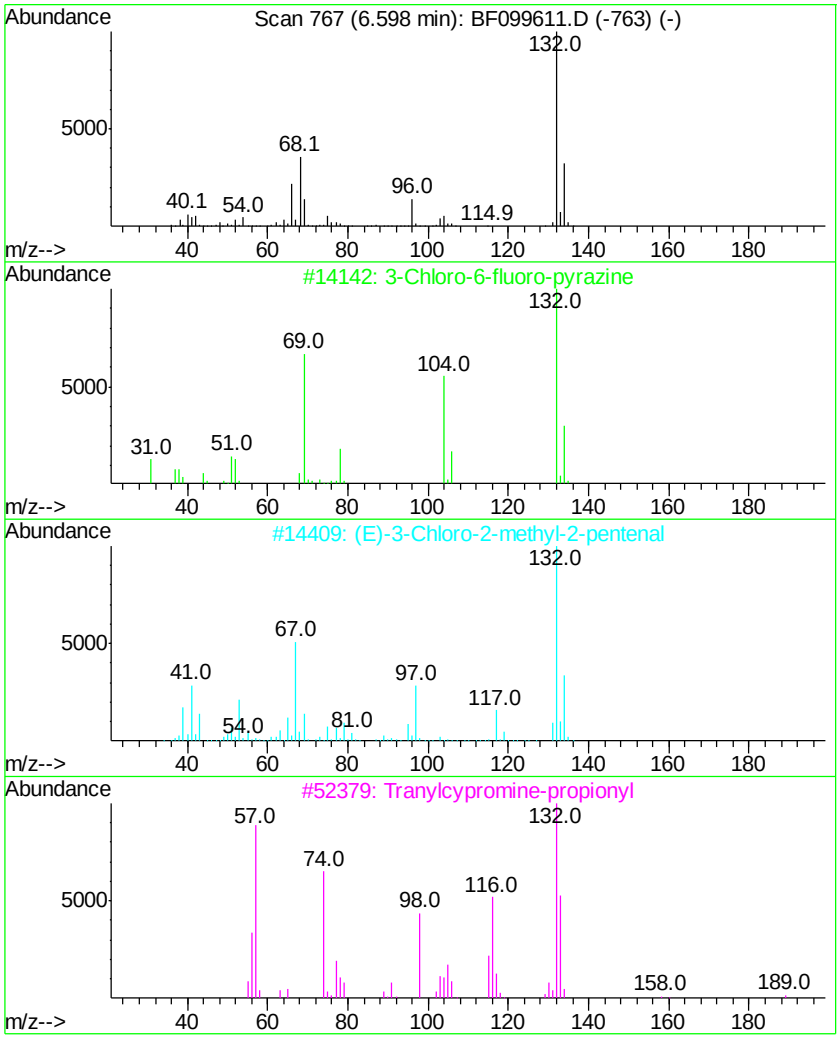
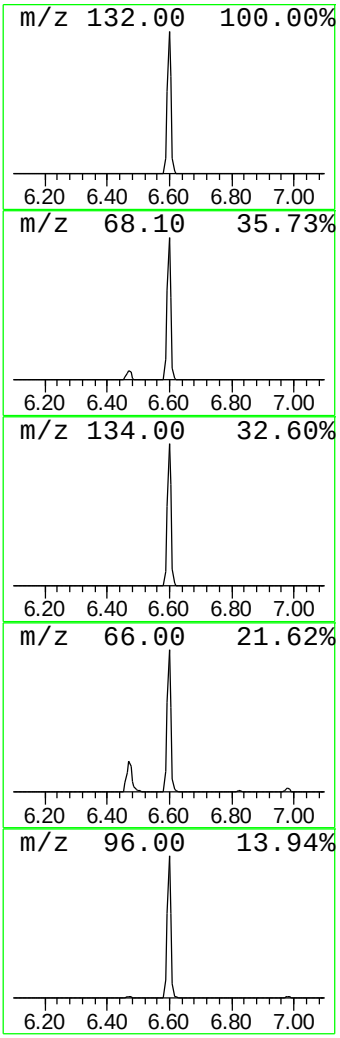
Peak Number 3 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	55.89 ng	1582360	1,4-Dichlorobenzene-d4	6.83

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10





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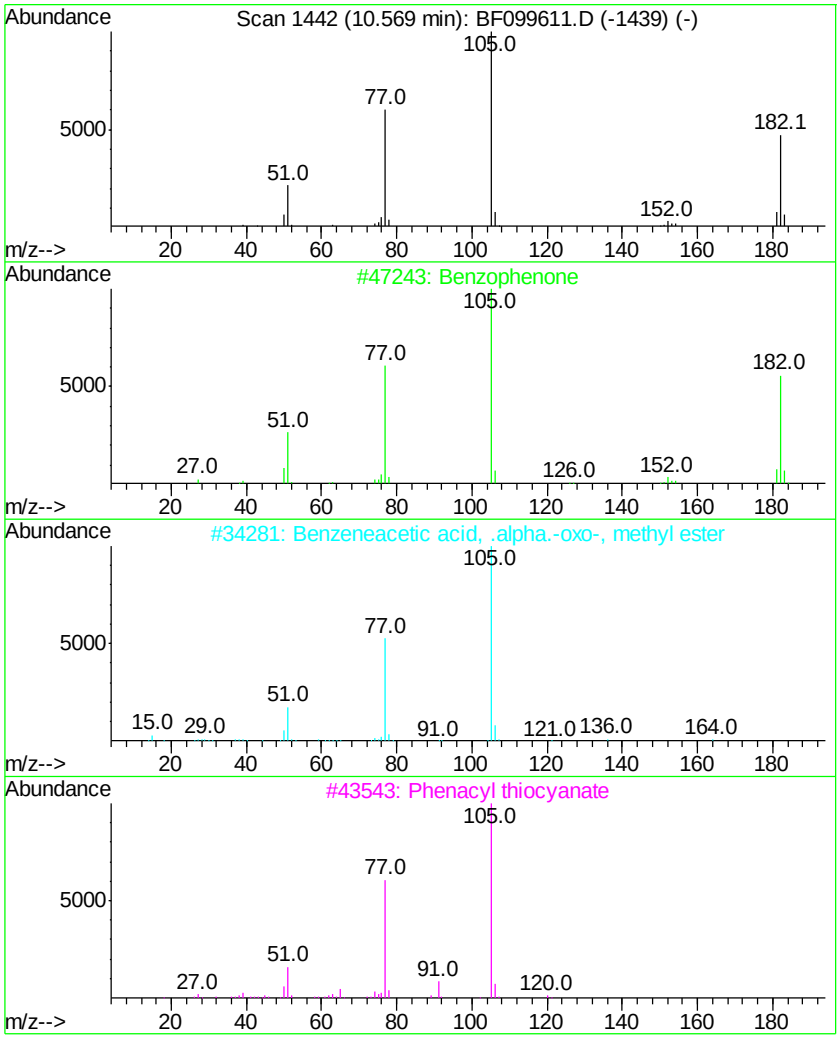
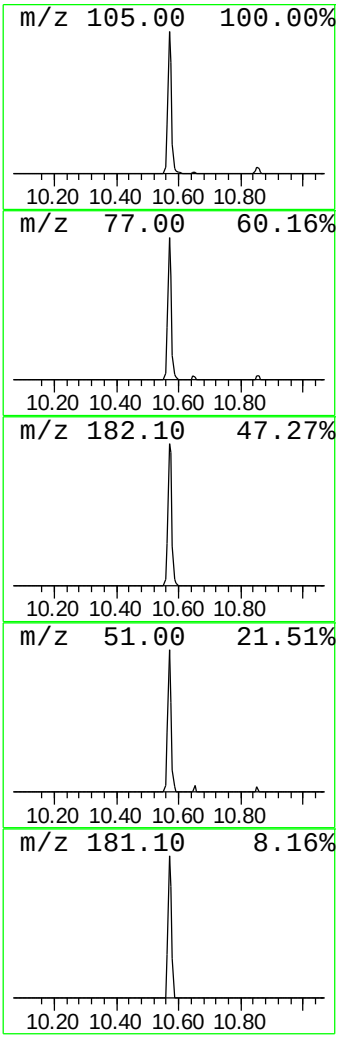
Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.34 ng	103682	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
3	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	47
4	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





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
3-Penten-2-one, 4...	4.44	44.8	ng	1267110	1	6.83	566275	20.0
2-Pentanone, 4-hy...	5.06	50.3	ng	1423580	1	6.83	566275	20.0
unknown6.60	6.60	55.9	ng	1582360	1	6.83	566275	20.0
Benzophenone	10.57	2.3	ng	103682	3	9.86	887501	20.0