LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100593.D
Acq On : 15 Nov 2017 17:32
Operator : SJ/JU
Sample : I6448-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-2(25-27)

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-BF110817.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	2.204	15	20	27	rVB2	24987	35774	1.07%	0.126%
2	4.498	407	410	418	rVB	217950	245358	7.34%	0.867%
3	5.116	511	515	527	rBV	721554	1009962	30.22%	3.569%
4	5.510	576	582	585	rBV	2965021	3195571	95.63%	11.293%
5	6.516	746	753	757	rBV	2701051	3334236	99.78%	11.783%
6	6.657	771	777	780	rBV	3053506	3170755	94.89%	11.206%
7	6.881	812	815	819	rVB	867949	769506	23.03%	2.719%
8	7.039	838	842	846	rVB	2534959	2448270	73.27%	8.652%
9	7.445	906	911	914	rBV	1873811	2078197	62.19%	7.344%
10	8.163	1029	1033	1037	rBV	1163292	981066	29.36%	3.467%
11	8.716	1123	1127	1130	rBV	126992	95543	2.86%	0.338%
12	9.239	1210	1216	1219	rBV	3473638	3341518	100.00%	11.809%
13	9.627	1278	1282	1285	rBV	273766	200517	6.00%	0.709%
14	9.916	1327	1331	1335	rBV	1037817	972257	29.10%	3.436%
15	10.627	1449	1452	1456	rBV	227624	178557	5.34%	0.631%
16	10.704	1461	1465	1469	rBV	1583732	1635990	48.96%	5.782%
17	11.404	1580	1584	1587	rBV	988725	775951	23.22%	2.742%
18	11.916	1668	1671	1676	rBV	38533	35581	1.06%	0.126%
19	12.986	1849	1853	1857	rBV	2226404	2083892	62.36%	7.365%
20	13.868	2000	2003	2013	rBV2	51023	65480	1.96%	0.231%
21	14.039	2028	2032	2036	rBV	843068	722978	21.64%	2.555%
22	15.515	2278	2283	2292	rVB	581225	728783	21.81%	2.576%
23	15.968	2356	2360	2365	rVB	30051	37590	1.12%	0.133%
24	16.480	2441	2447	2452	rBV3	33002	62437	1.87%	0.221%
25	17.080	2544	2549	2557	rVB5	23723	51692	1.55%	0.183%
26	17.786	2664	2669	2677	rVB6	16955	38907	1.16%	0.137%

Sum of corrected areas: 28296368

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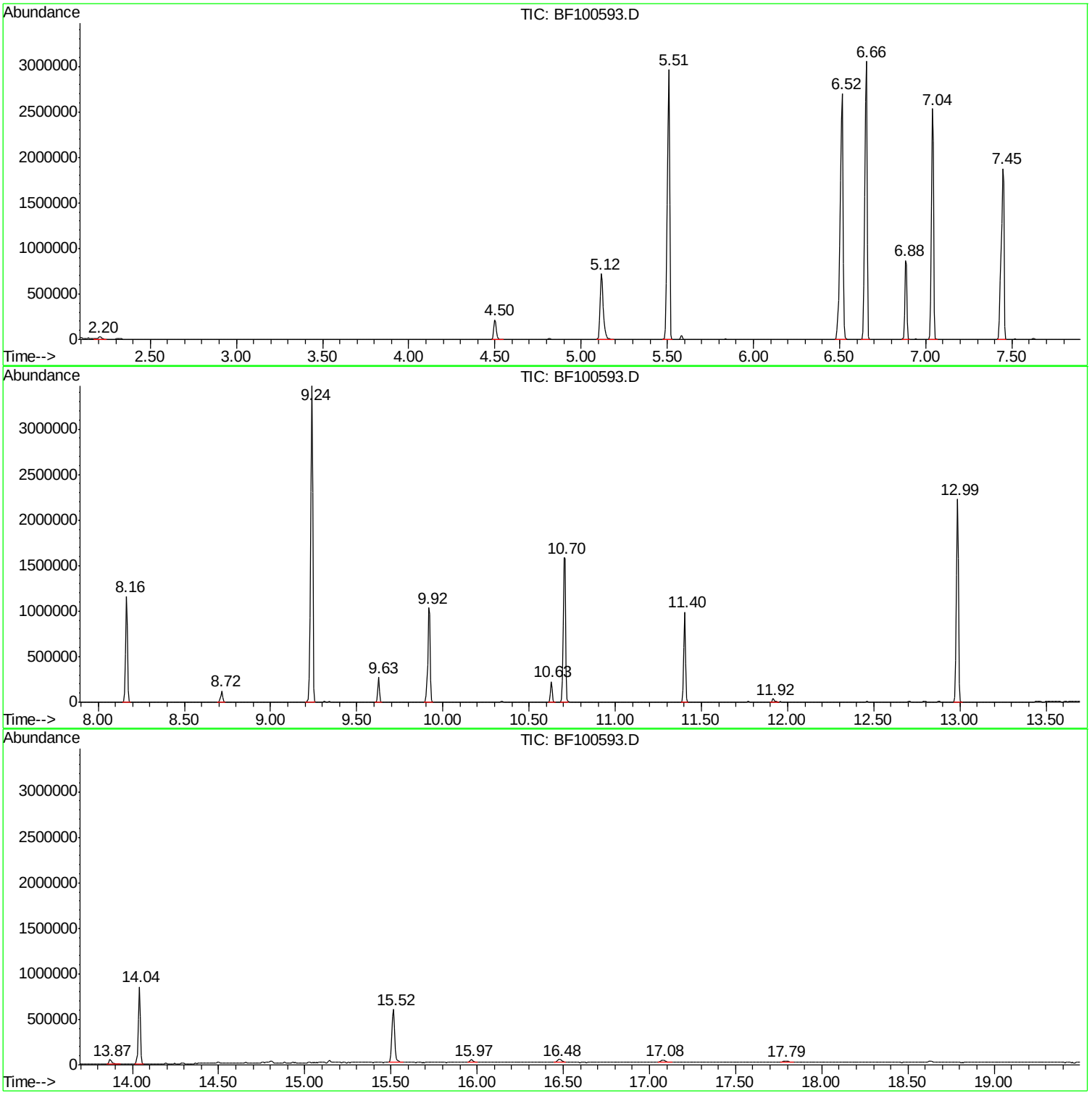
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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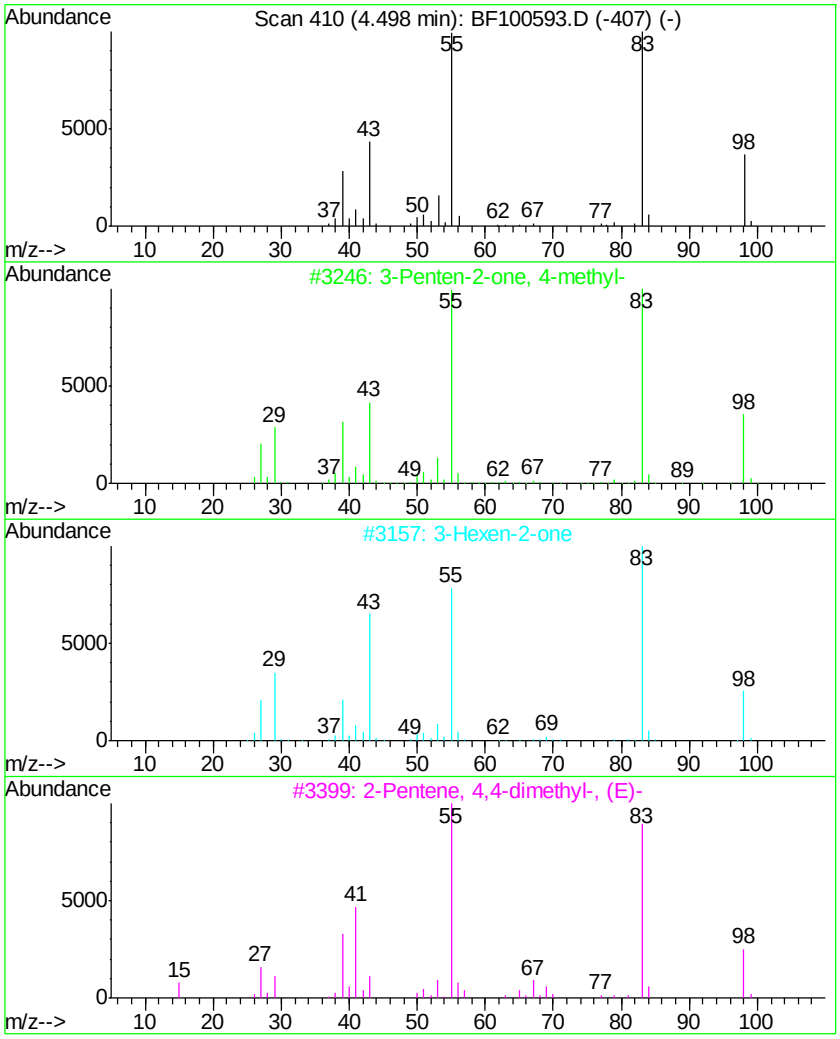
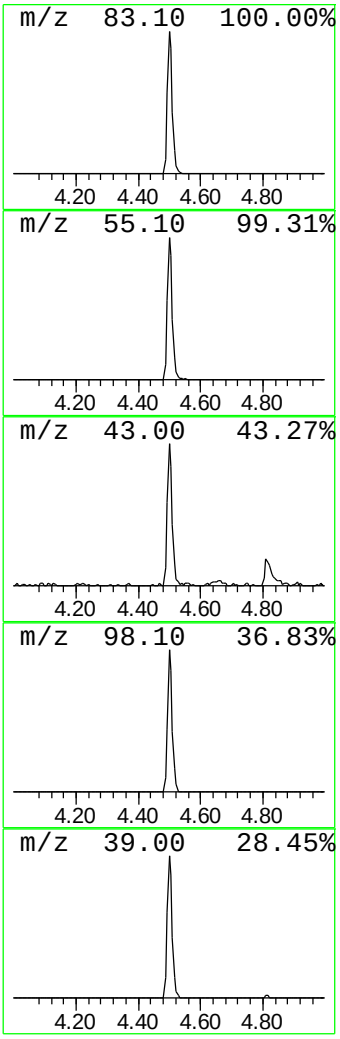
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	6.38 ng	245358	1,4-Dichlorobenzene-d4	6.88

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	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-2(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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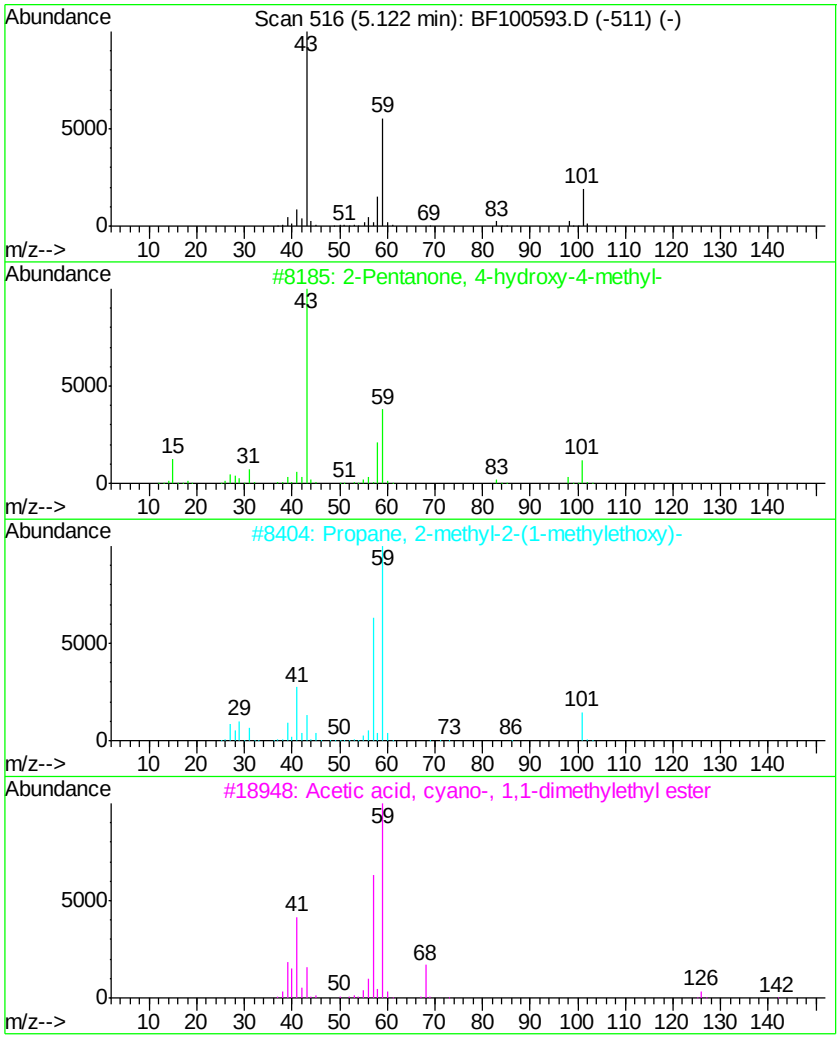
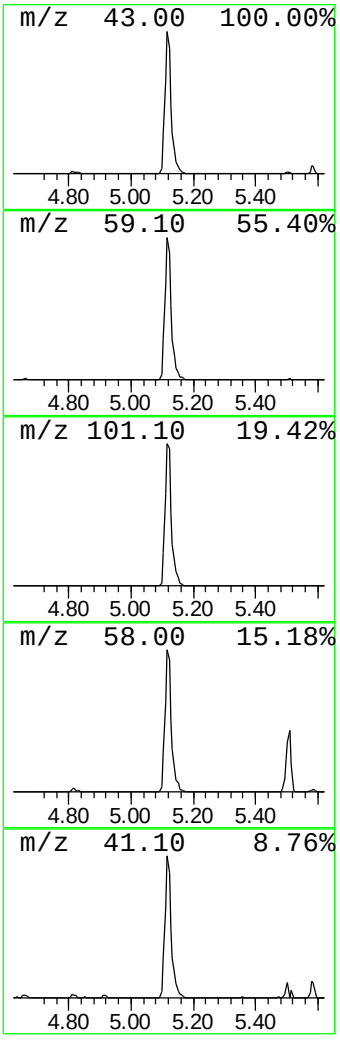
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	26.25 ng	1009960	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

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Acq On : 15 Nov 2017 17:32
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-120-2(25-27)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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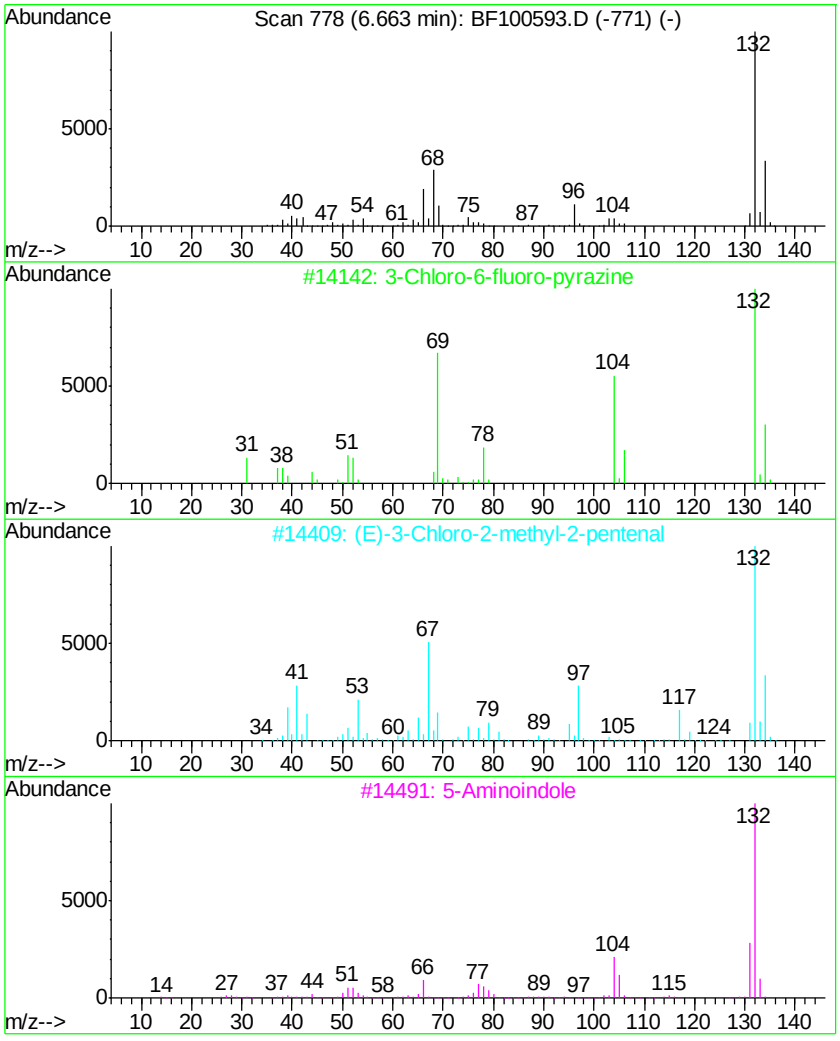
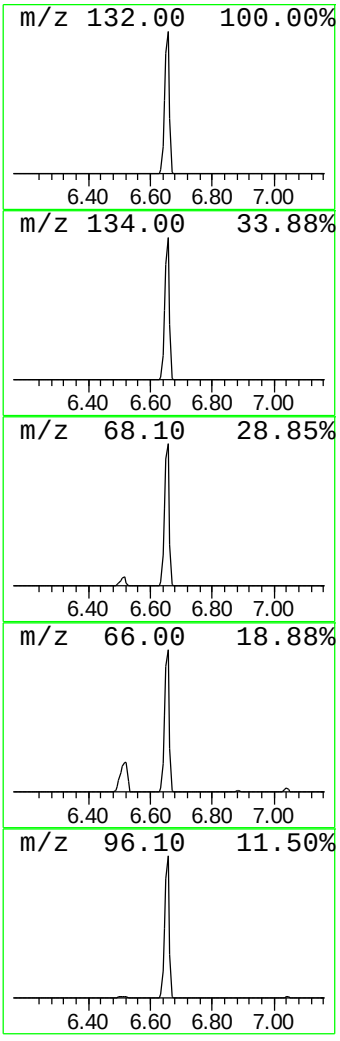
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	82.41 ng	3170760	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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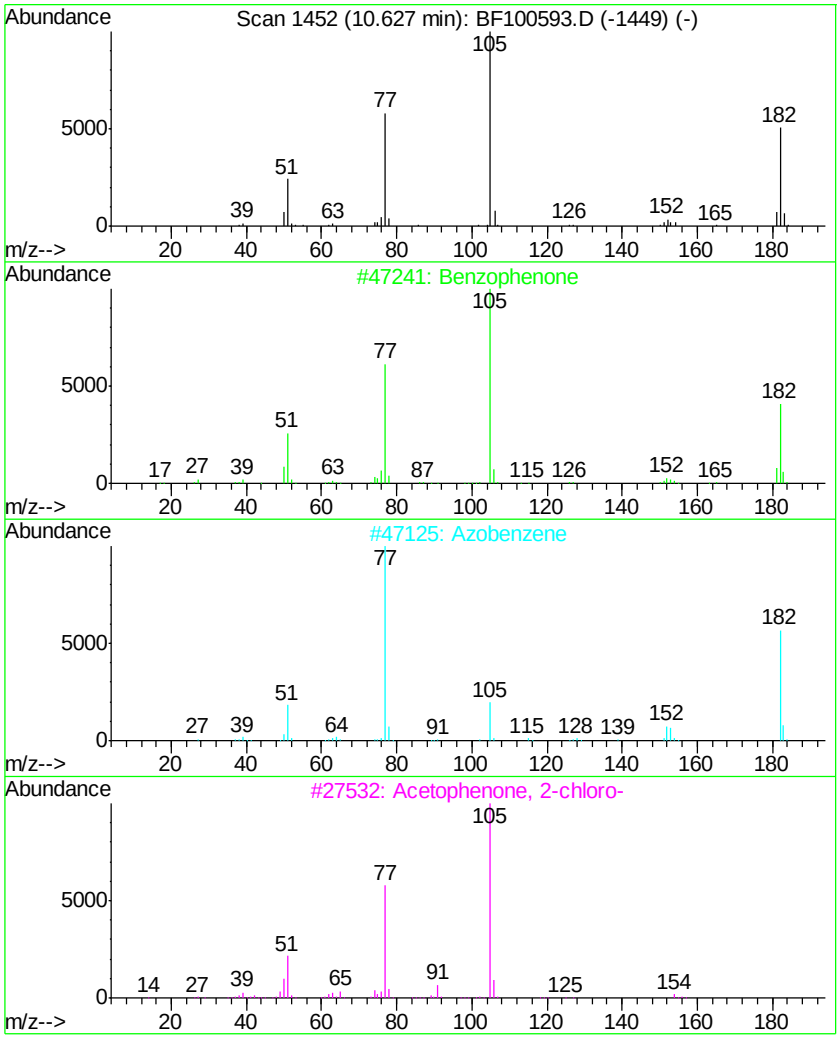
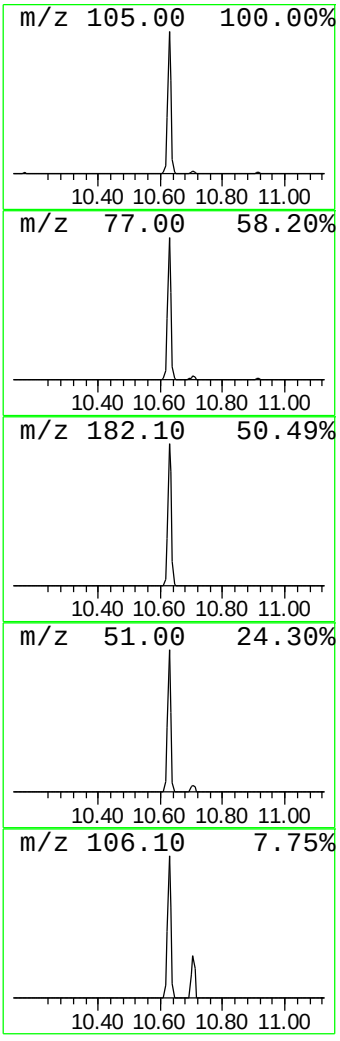
Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	3.67 ng	178557	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	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...	4.50	6.4	ng	245358	1	6.88	769506	20.0
2-Pentanone, 4-hy...	5.12	26.3	ng	1009960	1	6.88	769506	20.0
unknown6.66	6.66	82.4	ng	3170760	1	6.88	769506	20.0
Benzophenone	10.63	3.7	ng	178557	3	9.92	972257	20.0