LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080533.D
Acq On : 17 Jul 2015 3:22
Operator : TP/UM
Sample : G2973-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5D67

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-BF071615.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	2.201	8	10	21	rVB	243998	371594	45.22%	4.877%
2	2.350	21	23	35	rVB2	14481	48530	5.91%	0.637%
3	4.670	224	226	234	rVB	9019	18082	2.20%	0.237%
4	5.276	276	279	296	rBV	407122	480220	58.43%	6.303%
5	5.699	314	316	330	rVB	647331	704799	85.76%	9.251%
6	6.087	348	350	356	rVB	36327	37347	4.54%	0.490%
7	6.716	403	405	415	rBV	870453	737872	89.79%	9.685%
8	6.853	415	417	419	rBV	710519	717909	87.36%	9.423%
9	7.070	434	436	439	rVB	189060	175921	21.41%	2.309%
10	7.230	448	450	453	rBV	671903	555953	67.65%	7.297%
11	7.642	484	486	488	rBV	452939	400876	48.78%	5.262%
12	8.362	547	549	551	rBV	313376	242535	29.51%	3.183%
13	9.436	640	643	645	rBV	973305	821803	100.00%	10.786%
14	9.825	676	677	680	rBV	88219	96079	11.69%	1.261%
15	10.122	700	703	705	rBV	271051	251860	30.65%	3.306%
16	10.911	769	772	774	rBV	432576	431395	52.49%	5.662%
17	11.608	831	833	835	rBV	322596	259209	31.54%	3.402%
18	13.219	971	974	976	rBV	584157	718308	87.41%	9.428%
19	14.397	1075	1077	1079	rBV	201766	215415	26.21%	2.827%
20	15.288	1149	1155	1156	rBV2	5197	16353	1.99%	0.215%
21	15.837	1200	1203	1209	rBV3	4631	9457	1.15%	0.124%
22	16.077	1222	1224	1229	rBV	173695	213498	25.98%	2.802%
23	16.363	1247	1249	1253	rVB2	6036	9740	1.19%	0.128%
24	16.968	1300	1302	1305	rBV2	6252	11286	1.37%	0.148%
25	17.448	1342	1344	1359	rVB3	10063	60343	7.34%	0.792%
26	17.700	1363	1366	1369	rVB3	5822	12596	1.53%	0.165%

Sum of corrected areas: 7618980

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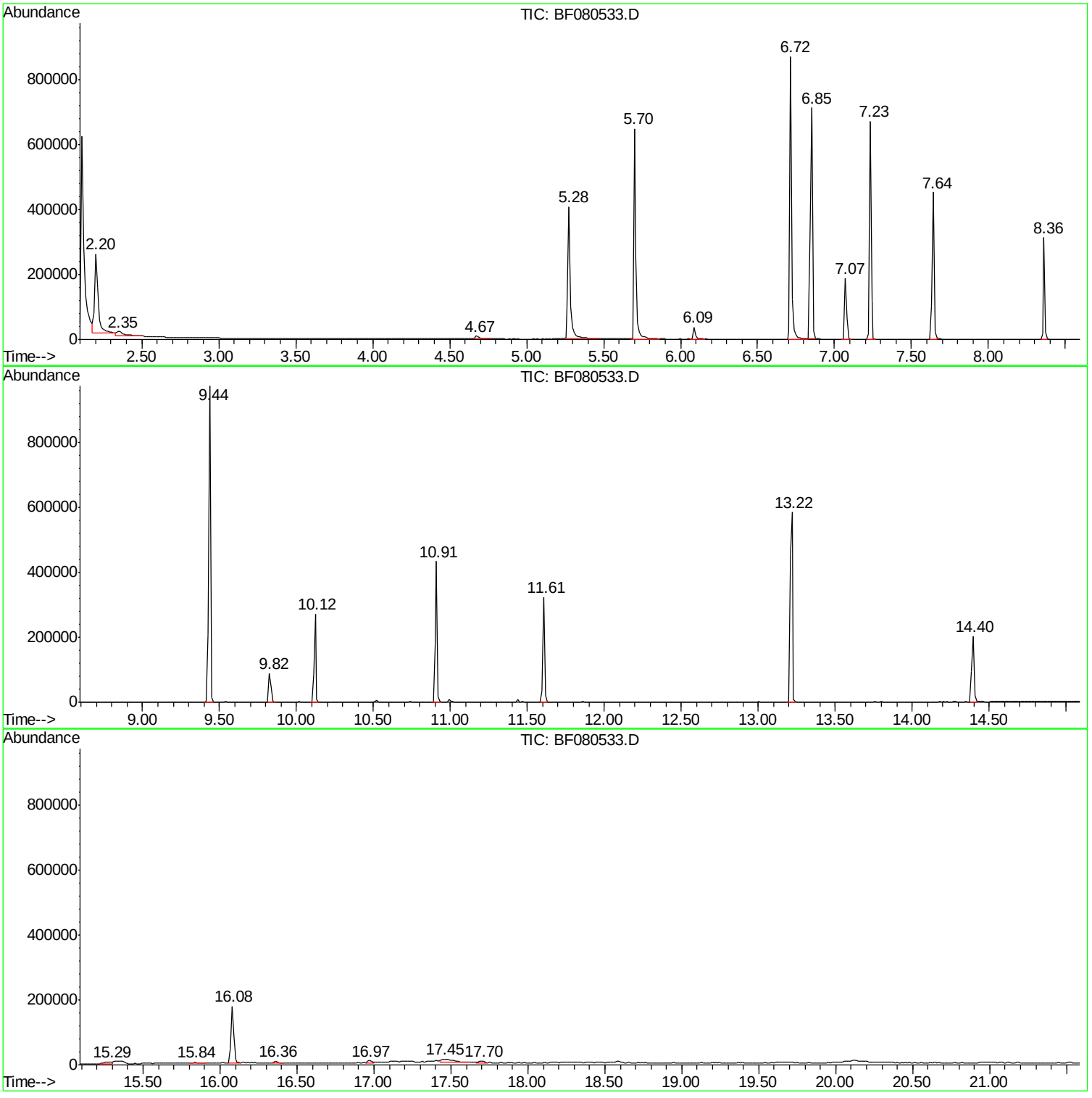
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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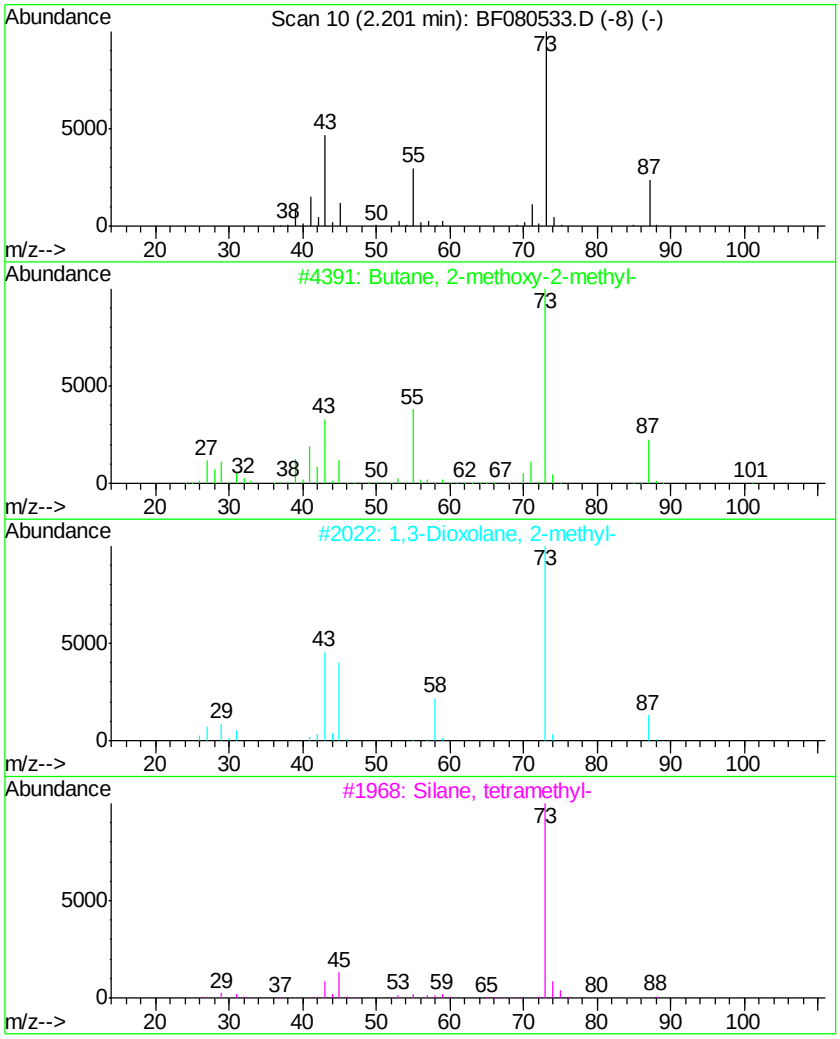
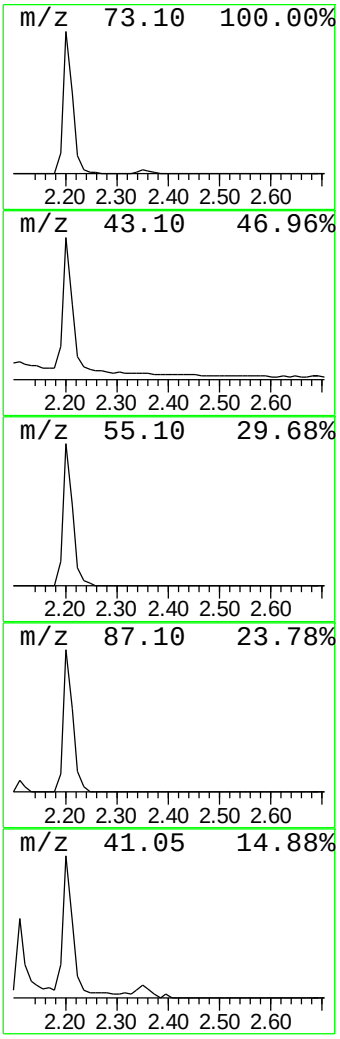
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	42.25 ng	371594	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_F
ClientSampleId : TP-5D67

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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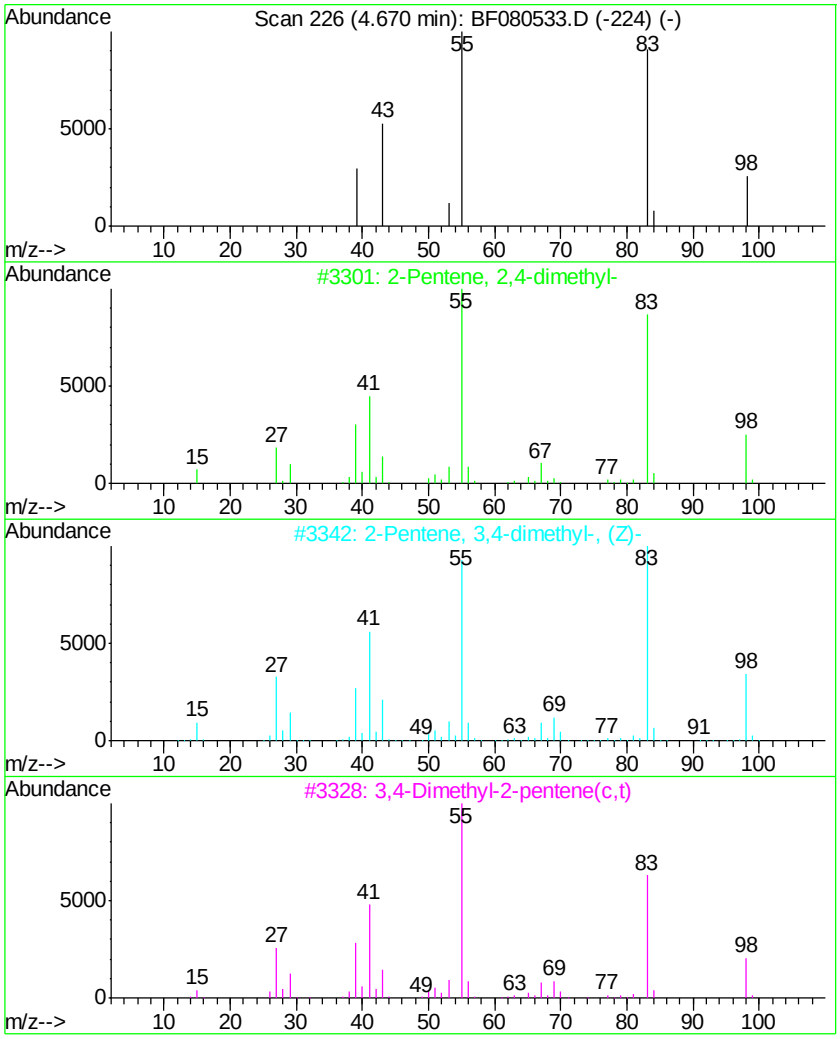
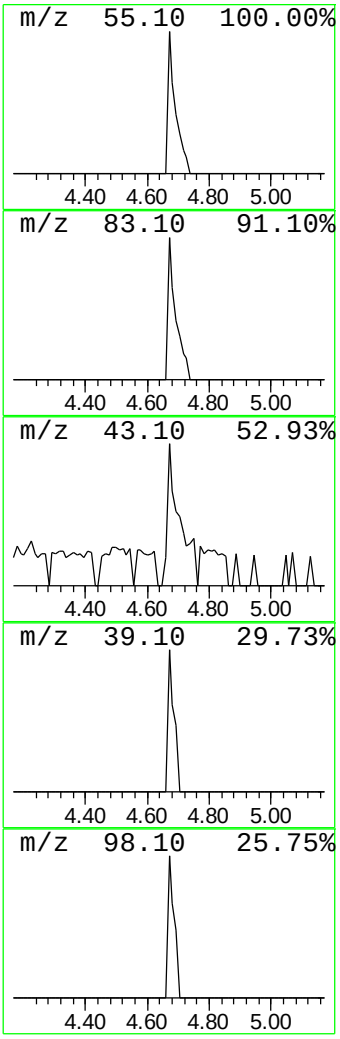
Peak Number 3 2-Pentene, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.06 ng	18082	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	90
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	90
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	90
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080533.D
Acq On : 17 Jul 2015 3:22
Operator : TP/UM
Sample : G2973-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5D67

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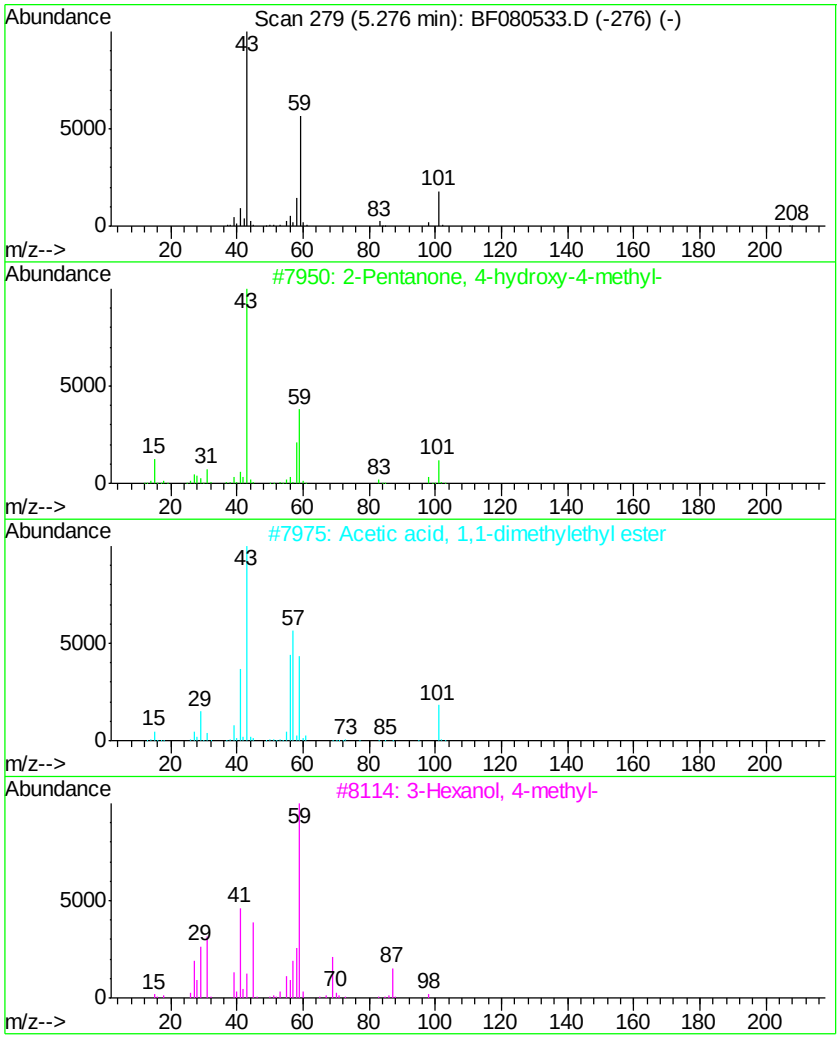
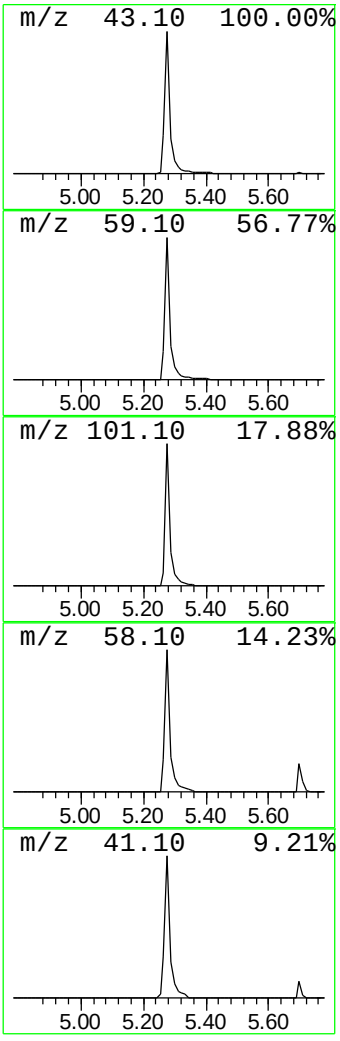
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	54.60 ng	480220	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5D67

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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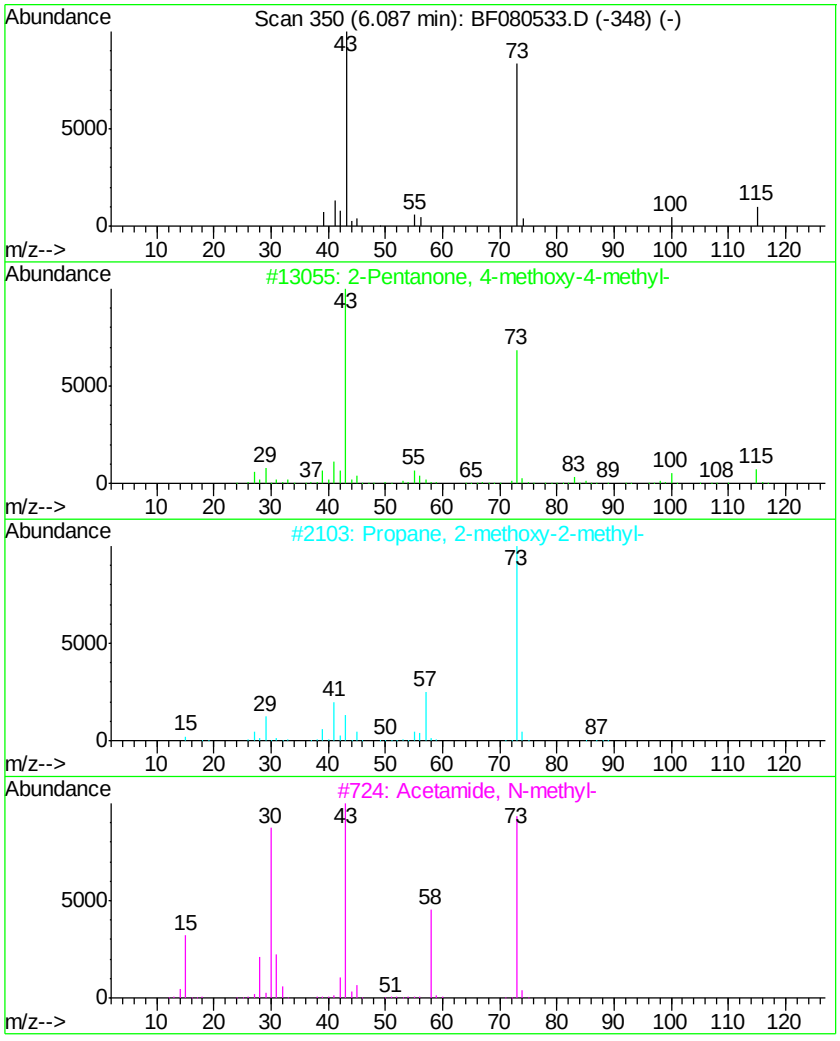
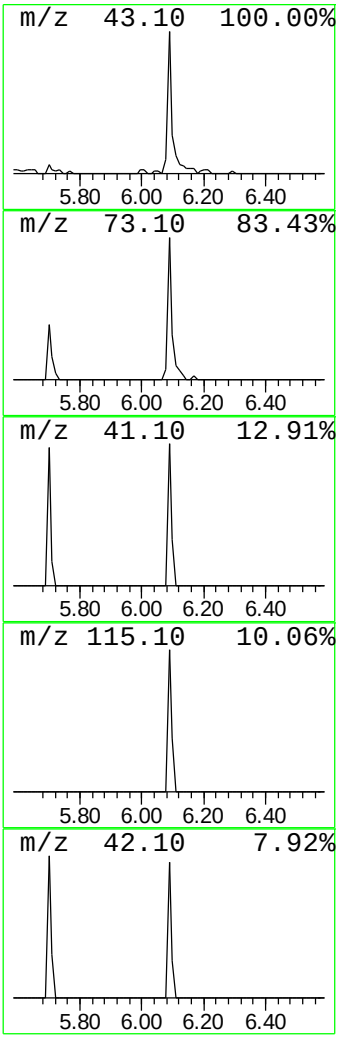
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	4.25 ng	37347	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	17
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	Guanidine, methyl-	73	C2H7N3	000471-29-4	7





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
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Sample : G2973-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5D67

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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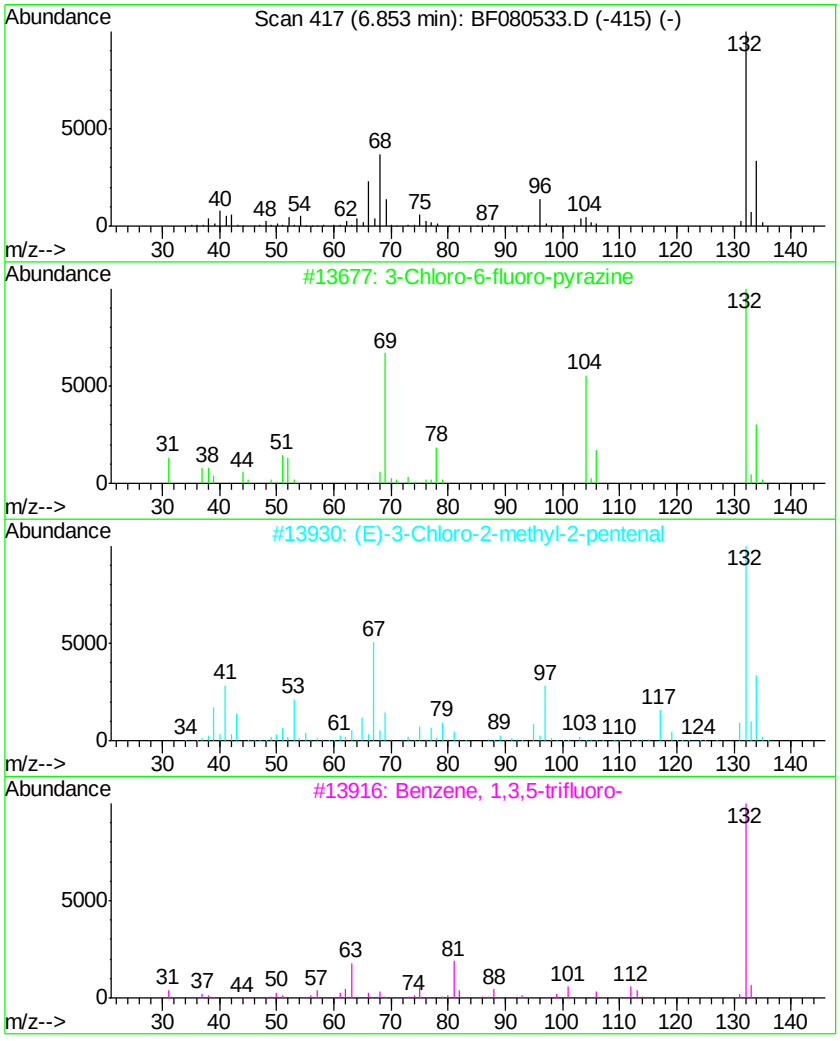
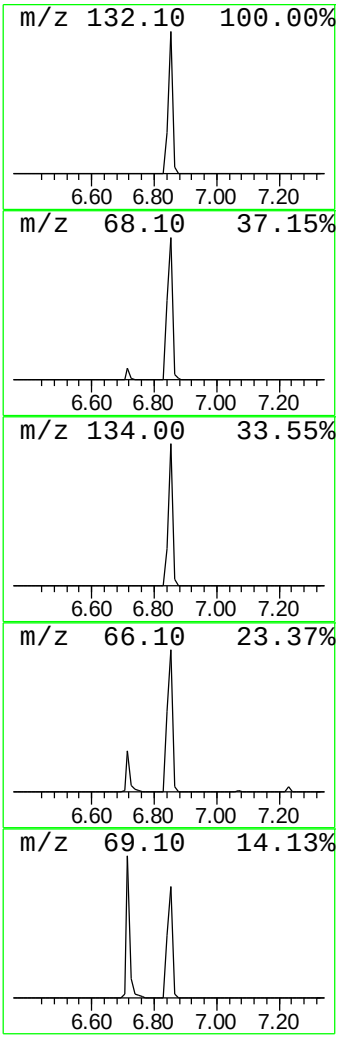
Peak Number 6 unknown6.85 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	81.62 ng	717909	1,4-Dichlorobenzene-d4	7.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	42.3	ng	371594	1	7.07	175921	20.0
2-Pentene, 2,4-di...	4.67	2.1	ng	18082	1	7.07	175921	20.0
2-Pentanone, 4-hy...	5.28	54.6	ng	480220	1	7.07	175921	20.0
2-Pentanone, 4-me...	6.09	4.3	ng	37347	1	7.07	175921	20.0
unknown6.85	6.85	81.6	ng	717909	1	7.07	175921	20.0