LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090649.D
Acq On : 19 Oct 2016 15:59
Operator : UM/SJ
Sample : H5291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

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-BF101316.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	4.748	209	211	222	rBV	62724	116689	1.01%	0.186%
2	5.103	237	242	245	rBV	3806941	7908652	68.73%	12.617%
3	5.491	275	276	279	rVB	760419	885366	7.69%	1.412%
4	6.520	364	366	371	rBV	429118	745622	6.48%	1.190%
5	6.646	375	377	380	rVV	1765550	2131584	18.53%	3.401%
6	6.692	380	381	391	rVB2	62033	123733	1.08%	0.197%
7	6.886	395	398	400	rBV	1469871	1479802	12.86%	2.361%
8	7.046	409	412	414	rBV	3190556	4286749	37.26%	6.839%
9	7.446	444	447	450	rBV	2248151	2787486	24.23%	4.447%
10	7.880	481	485	487	rBV	136304	151473	1.32%	0.242%
11	8.075	500	502	504	rBV	97729	121689	1.06%	0.194%
12	8.166	507	510	513	rVV	1367942	2123723	18.46%	3.388%
13	8.212	513	514	517	rVB	277074	394354	3.43%	0.629%
14	8.337	523	525	529	rVB	146105	175300	1.52%	0.280%
15	8.429	529	533	537	rBV3	89968	137080	1.19%	0.219%
16	8.520	537	541	543	rBV	7452213	11506396	100.00%	18.356%
17	8.977	579	581	587	rBV	228836	255888	2.22%	0.408%
18	9.252	602	605	607	rBV	5798684	6273458	54.52%	10.008%
19	9.366	613	615	621	rVB2	220911	270179	2.35%	0.431%
20	9.640	637	639	642	rBV	561023	594488	5.17%	0.948%
21	9.926	661	664	667	rBV	2379162	2509033	21.81%	4.003%
22	10.360	699	702	704	rVV2	143028	186103	1.62%	0.297%
23	10.440	706	709	716	rVB	109792	158235	1.38%	0.252%
24	10.715	730	733	739	rBV	1394416	1483506	12.89%	2.367%
25	10.841	742	744	747	rVB2	118120	200457	1.74%	0.320%
26	11.286	780	783	784	rBV	114056	127322	1.11%	0.203%
27	11.412	792	794	797	rBV2	2105859	2497067	21.70%	3.984%
28	11.983	841	844	849	rVB	120293	148979	1.29%	0.238%
29	13.012	931	934	936	rBV	6449870	8069607	70.13%	12.874%
30	13.892	1009	1011	1016	rBV	333413	407908	3.55%	0.651%
31	14.052	1023	1025	1028	rBV	1655798	2455640	21.34%	3.918%
32	15.504	1149	1152	1155	rBV	1270173	1969538	17.12%	3.142%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5291-02
Misc :
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Instrument : BNA_F
ClientSampleId : GROUNDWATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

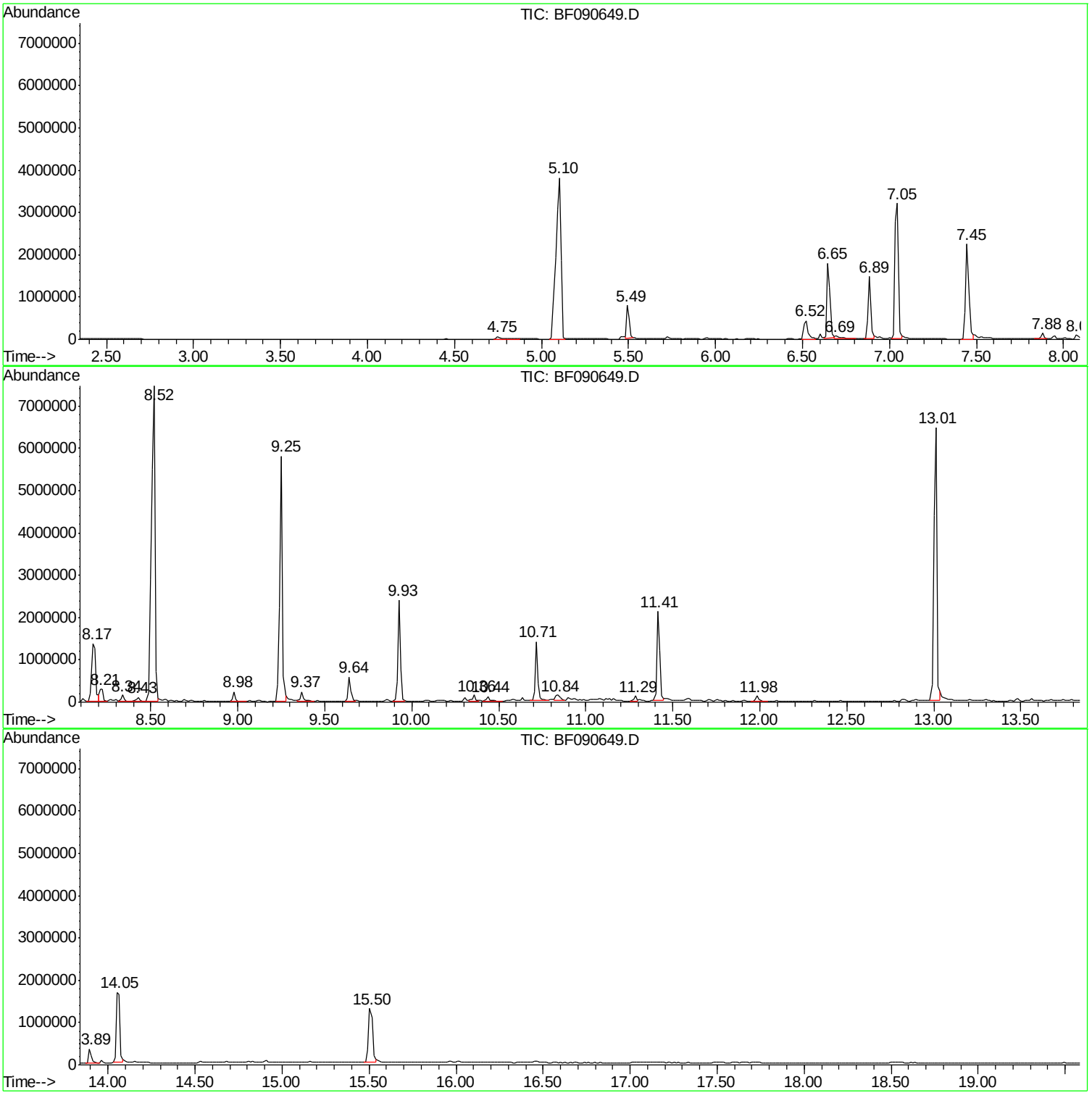
Sum of corrected areas: 62683106

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090649.D
Acq On : 19 Oct 2016 15:59
Operator : UM/SJ
Sample : H5291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
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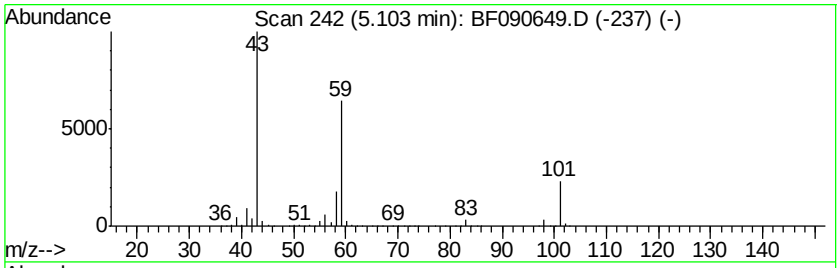
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

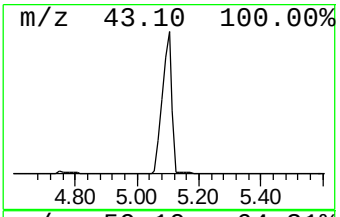
****

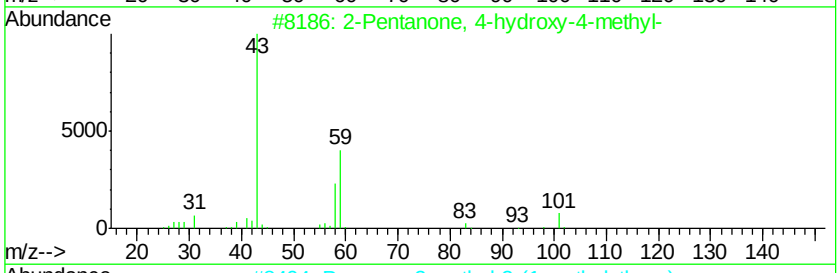
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

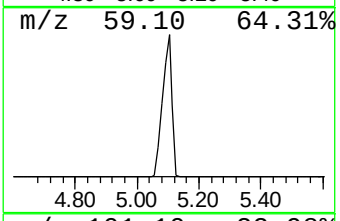
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	106.89 ng	7908650	1,4-Dichlorobenzene-d4	6.89

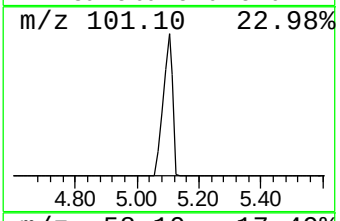
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9

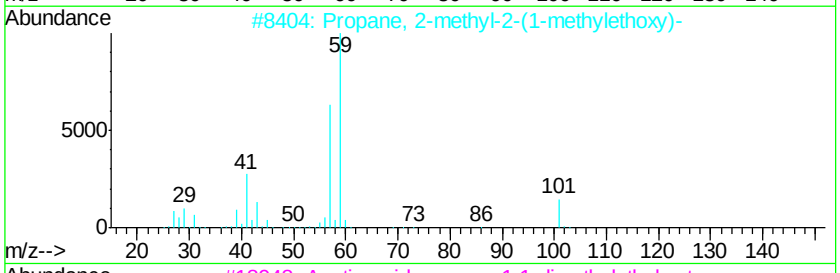


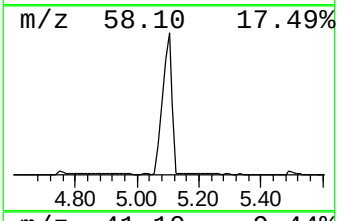


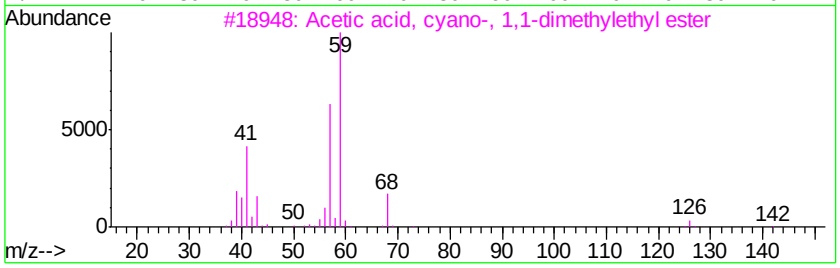


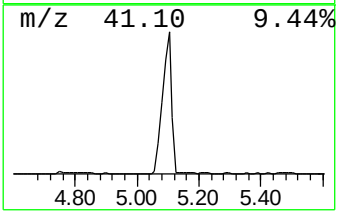












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Sample : H5291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

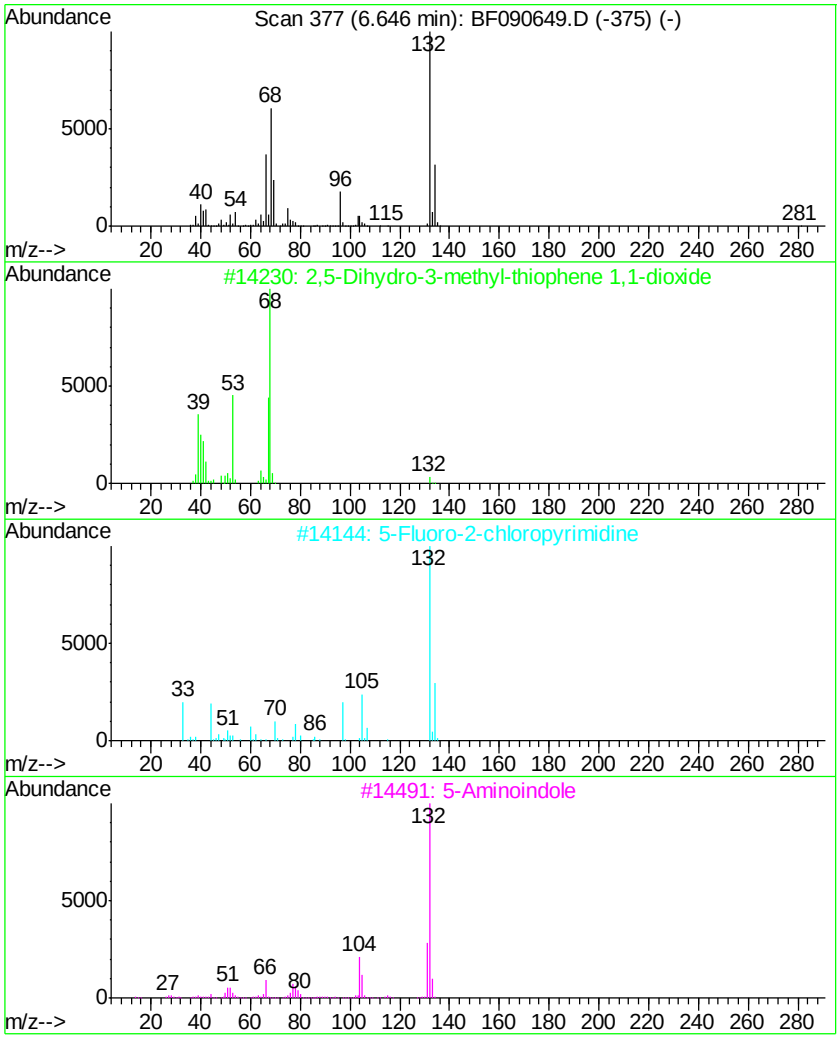
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

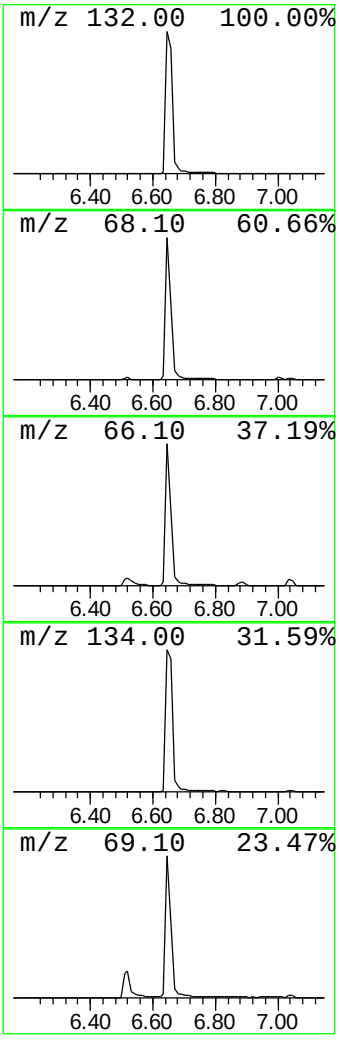
****

Peak Number 2 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	28.81 ng	2131580	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydro-3-methyl-thiophene 1...	132	C5H8O2S	001193-10-8	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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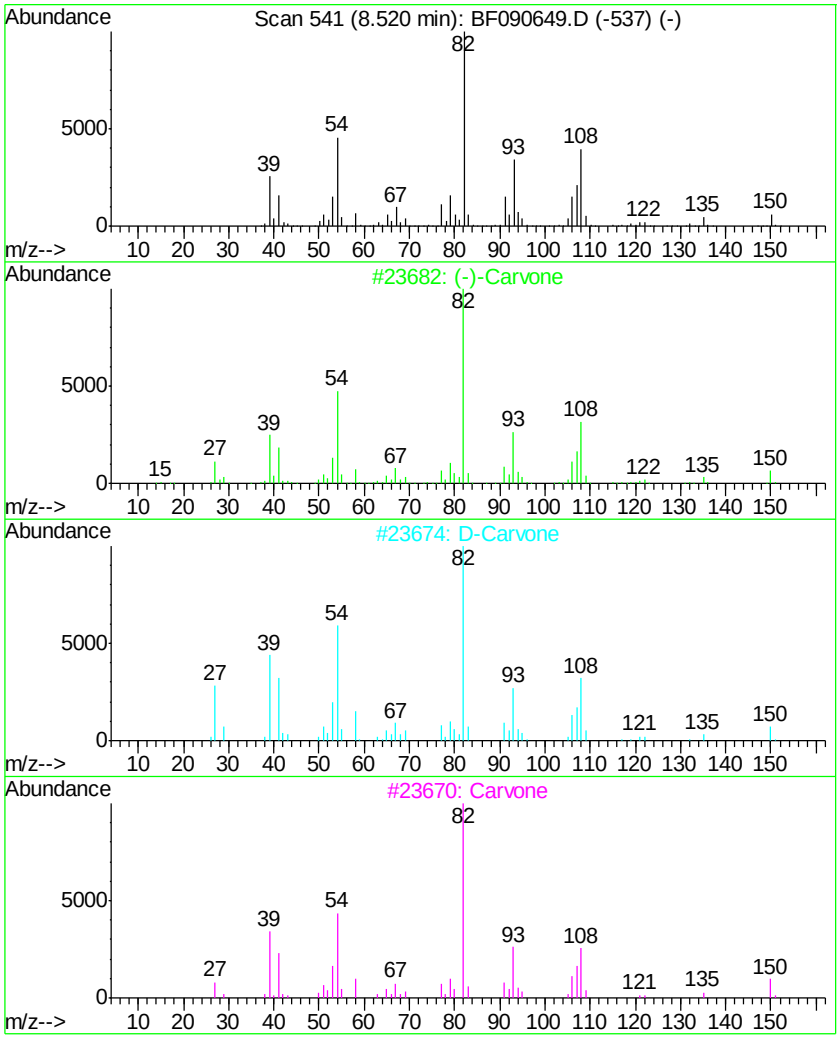
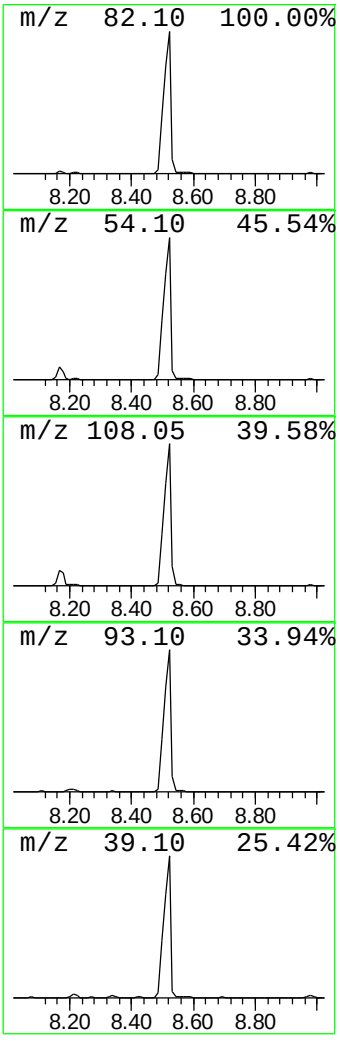
****

Peak Number 4 (-)-Carvone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	108.36 ng	11506400	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Carvone	150	C10H14O	006485-40-1	97
2	D-Carvone	150	C10H14O	002244-16-8	95
3	Carvone	150	C10H14O	000099-49-0	78
4	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	38
5	2-Cyclohexen-1-one, 3-methyl-6-(...	150	C10H14O	016750-82-6	38





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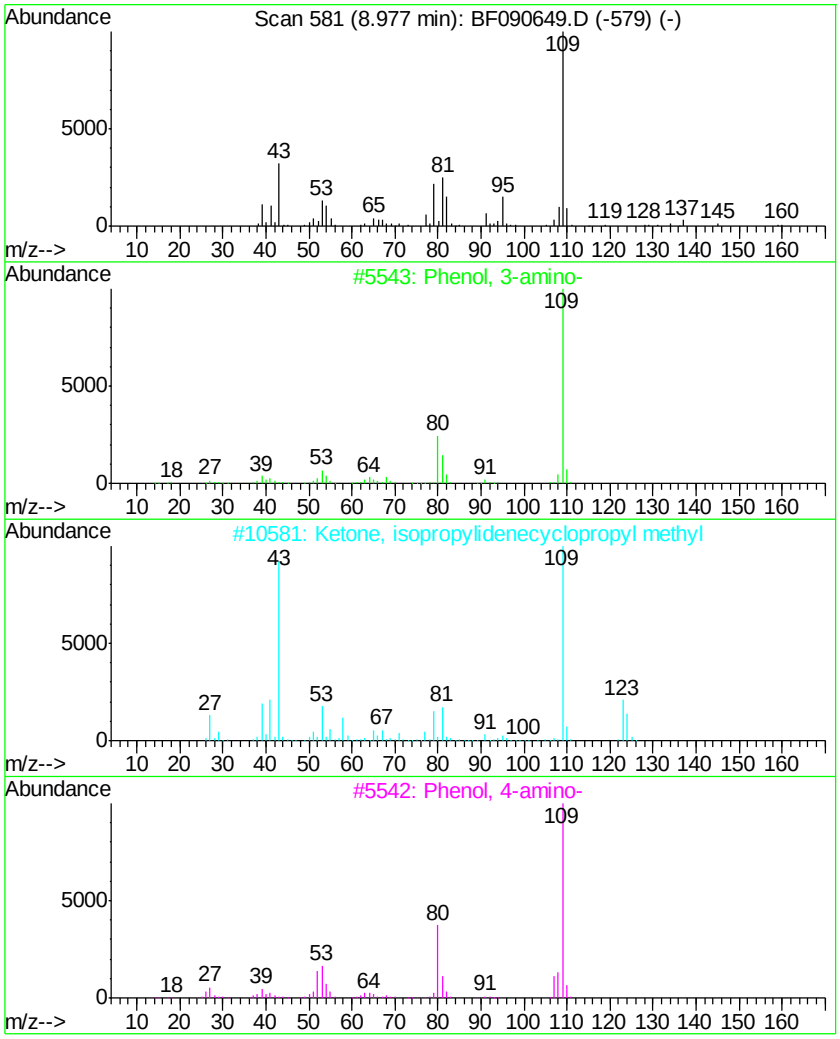
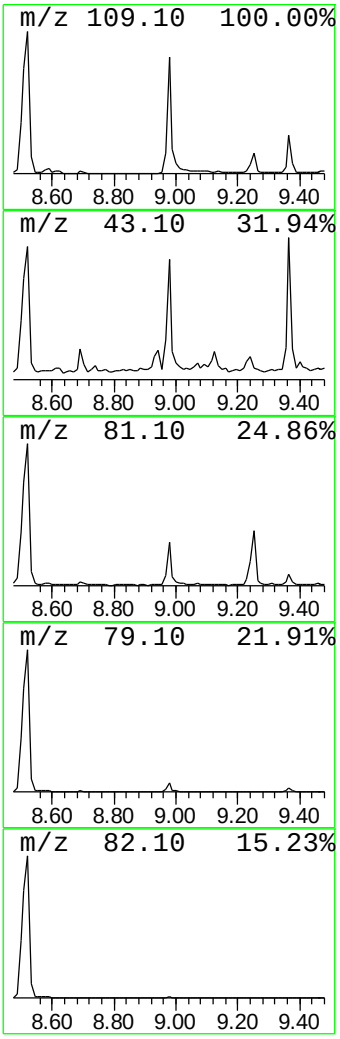
****

Peak Number 5 Phenol, 3-amino- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	2.41 ng	255888	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-amino-	109	C6H7NO	000591-27-5	64
2	Ketone, isopropylidenecyclopropy...	124	C8H12O	029765-67-1	59
3	Phenol, 4-amino-	109	C6H7NO	000123-30-8	59
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	59
5	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	59





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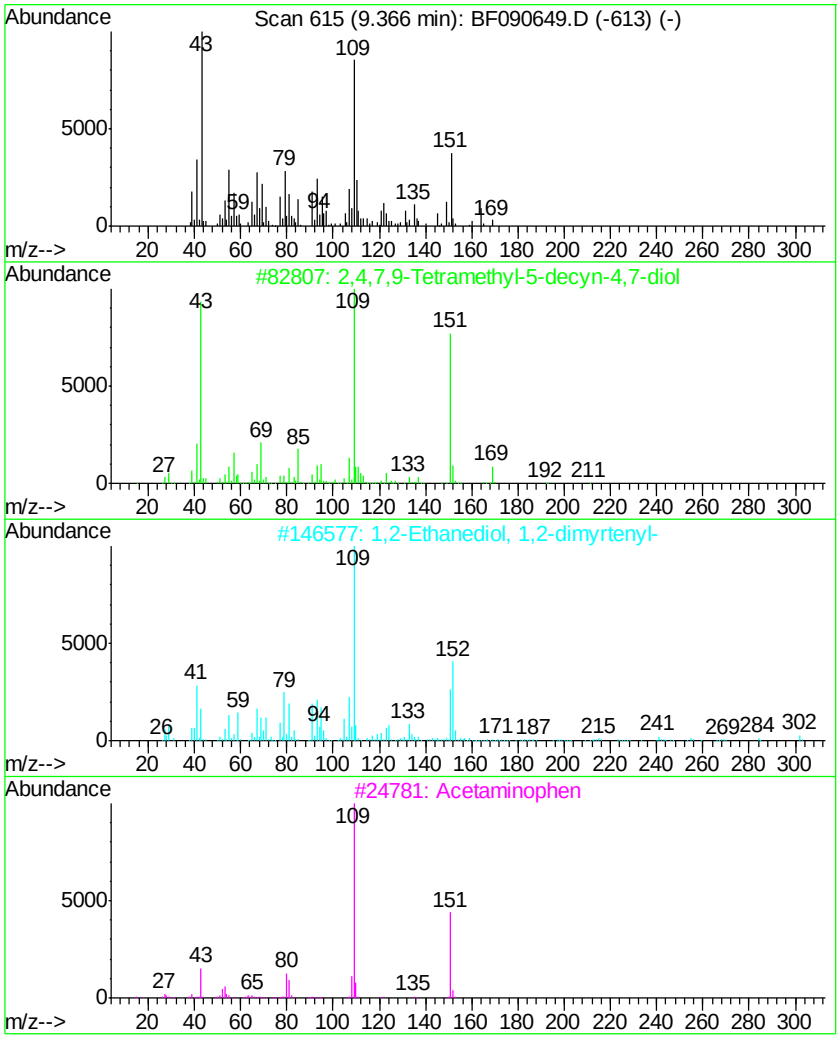
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

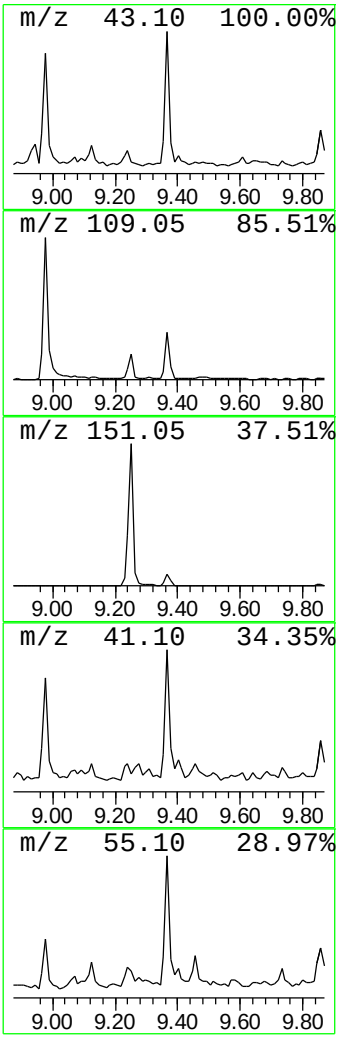
****

Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.15 ng	270179	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	52
2	1,2-Ethanediol, 1,2-dimyrtenyl-	302	C20H30O2	1000160-38-0	47
3	Acetaminophen	151	C8H9NO2	000103-90-2	43
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	43
5	Metacetamol	151	C8H9NO2	000621-42-1	43





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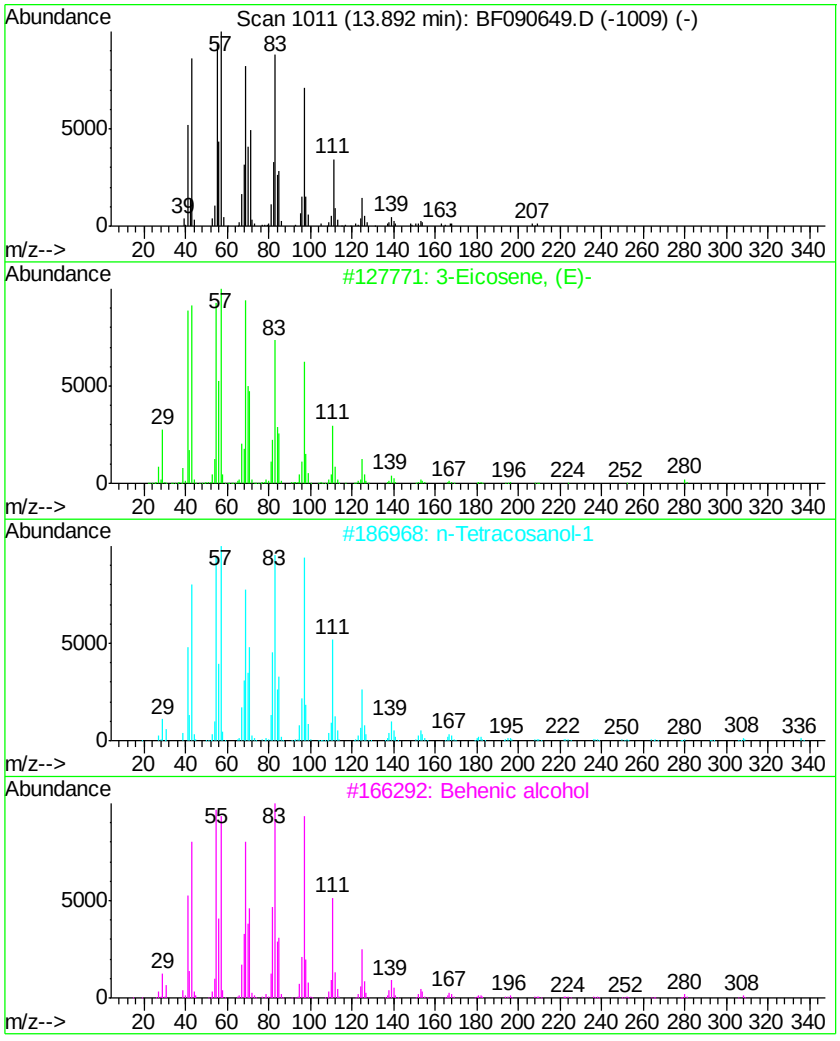
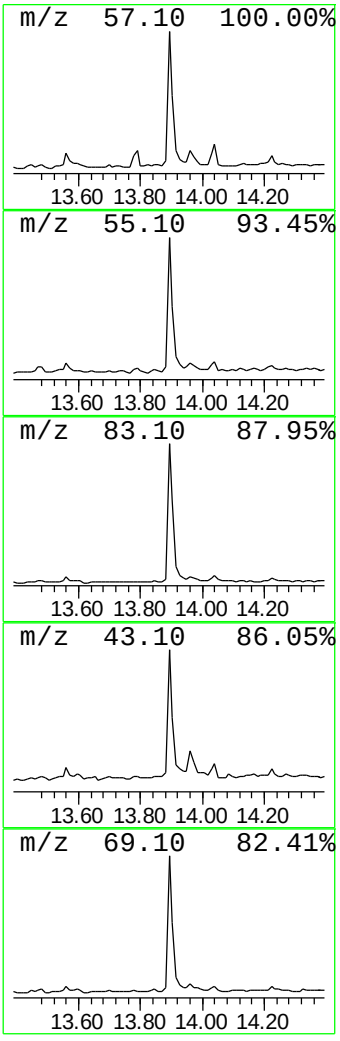
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.32 ng	407908	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.10	106.9	ng	7908650	1	6.89	1479800	20.0
unknown6.65	6.65	28.8	ng	2131580	1	6.89	1479800	20.0
(-)-Carvone	8.52	108.4	ng	11506400	2	8.18	2123720	20.0
Phenol, 3-amino-	8.98	2.4	ng	255888	2	8.18	2123720	20.0
2,4,7,9-Tetrameth...	9.37	2.1	ng	270179	3	9.93	2509030	20.0
3-Eicosene, (E)-	13.89	3.3	ng	407908	5	14.06	2455640	20.0