LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

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-BF101116.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	3.263	75	81	83	rBV	1134993	3442752	30.99%	2.887%
2	3.354	83	89	91	rVB	3063795	8566929	77.11%	7.183%
3	3.834	123	131	134	rBV	4098587	10672947	96.07%	8.949%
4	4.017	142	147	165	rBV	3750972	6356043	57.21%	5.330%
5	4.463	183	186	188	rBV	1709530	3300440	29.71%	2.767%
6	4.497	188	189	192	rVB	1686712	1570767	14.14%	1.317%
7	4.623	197	200	203	rVB	179551	202179	1.82%	0.170%
8	5.091	236	241	243	rBV	3187921	7200259	64.81%	6.037%
9	5.183	245	249	251	rVV2	3149165	6000465	54.01%	5.031%
10	5.240	251	254	258	rVB2	4532394	11109600	100.00%	9.316%
11	5.423	268	270	278	rBV2	1263666	1838283	16.55%	1.541%
12	5.537	278	280	283	rBV	986462	1566759	14.10%	1.314%
13	5.583	283	284	287	rVV	487017	680179	6.12%	0.570%
14	5.629	287	288	291	rVB	220692	241972	2.18%	0.203%
15	5.812	300	304	307	rBV2	1579074	3719765	33.48%	3.119%
16	5.869	307	309	311	rVV	2165496	2686261	24.18%	2.252%
17	5.903	311	312	315	rVB	1247376	1135482	10.22%	0.952%
18	6.074	326	327	330	rBV	355568	484448	4.36%	0.406%
19	6.132	330	332	333	rVV	315875	299610	2.70%	0.251%
20	6.166	333	335	338	rVV2	983302	1557004	14.01%	1.306%
21	6.269	341	344	346	rVV2	1868910	2190951	19.72%	1.837%
22	6.303	346	347	348	rVV	414986	343301	3.09%	0.288%
23	6.326	348	349	352	rVV	420391	824607	7.42%	0.691%
24	6.372	352	353	359	rVB2	570044	780174	7.02%	0.654%
25	6.543	366	368	369	rBV	611255	548742	4.94%	0.460%
26	6.589	369	372	381	rVB4	397057	1444370	13.00%	1.211%
27	6.715	381	383	386	rBV	1685788	2311752	20.81%	1.938%
28	6.795	386	390	398	rVB2	852330	1701076	15.31%	1.426%
29	6.943	400	403	405	rBV2	886311	1565826	14.09%	1.313%
30	7.000	407	408	410	rVV	314956	405554	3.65%	0.340%
31	7.035	410	411	414	rVB	172090	137729	1.24%	0.115%
32	7.103	414	417	424	rBV	3936151	4321226	38.90%	3.623%
33	7.229	426	428	433	rVV5	61615	132578	1.19%	0.111%
34	7.377	439	441	445	rVB3	70699	124021	1.12%	0.104%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

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-BF101116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.515	449	453	458	rBV	2347766	3443017	30.99%	2.887%
36	8.235	513	516	519	rBV	1626304	1774891	15.98%	1.488%
37	8.566	542	545	549	rVV4	46056	129936	1.17%	0.109%
38	9.309	607	610	613	rBV	5077565	6158429	55.43%	5.164%
39	9.435	618	621	623	rVV	285688	423260	3.81%	0.355%
40	9.709	642	645	647	rBV	123998	176425	1.59%	0.148%
41	9.995	666	670	672	rBV	1807921	2168595	19.52%	1.818%
42	10.783	736	739	743	rBV	2108664	2258759	20.33%	1.894%
43	10.898	747	749	753	rVV2	93032	154525	1.39%	0.130%
44	11.344	786	788	794	rVB2	74307	128390	1.16%	0.108%
45	11.481	797	800	803	rBV	2182193	2019986	18.18%	1.694%
46	12.989	930	932	936	rVB	114185	142052	1.28%	0.119%
47	13.069	936	939	942	rBV	6711645	6618158	59.57%	5.549%
48	13.961	1015	1017	1020	rBV	112736	123402	1.11%	0.103%
49	14.121	1029	1031	1036	rVB	2114540	2521778	22.70%	2.115%
50	14.372	1051	1053	1055	rBV2	211827	148647	1.34%	0.125%
51	15.595	1157	1160	1163	rBV	1092341	1404862	12.65%	1.178%

Sum of corrected areas: 119259163

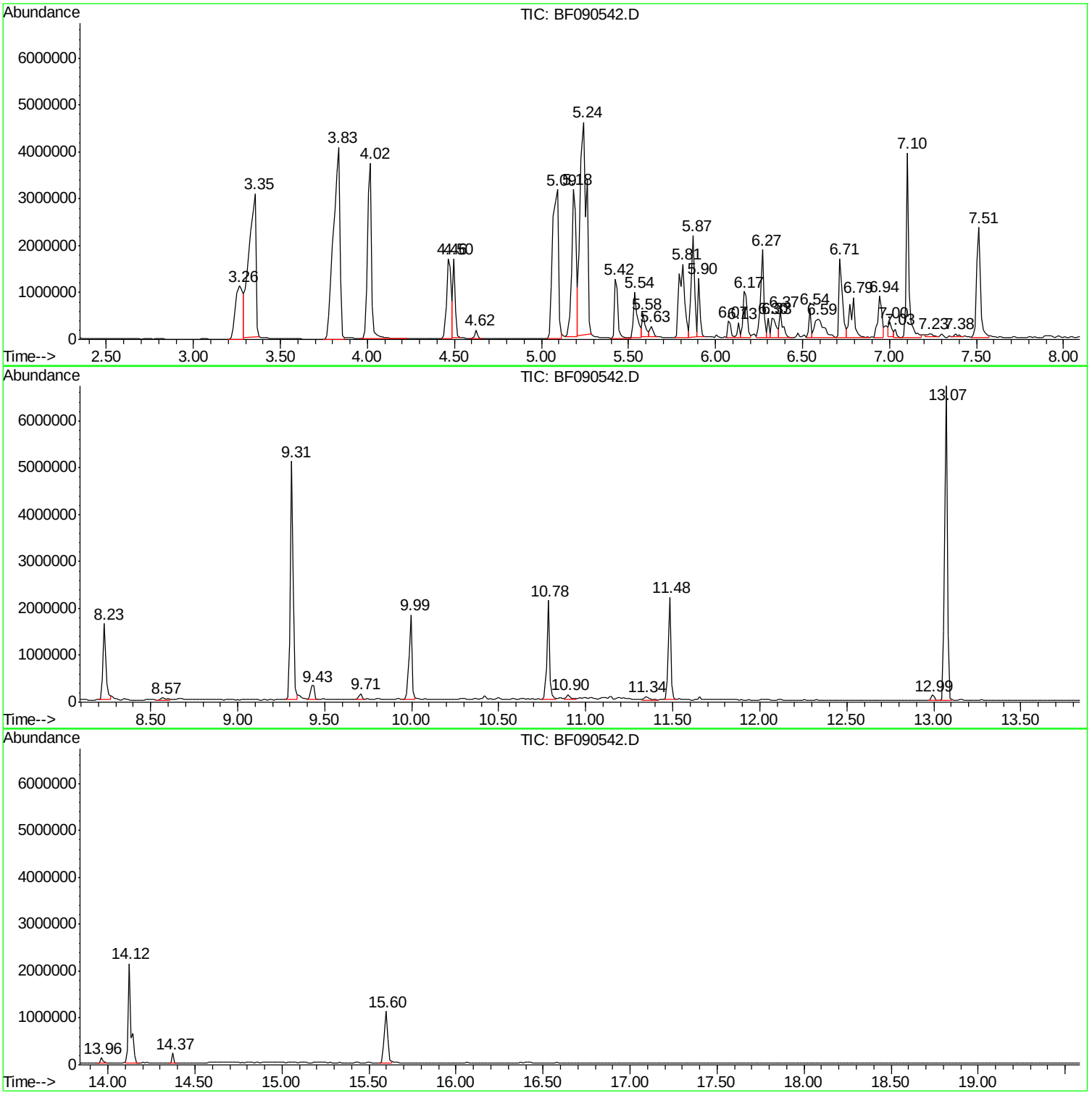
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.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\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

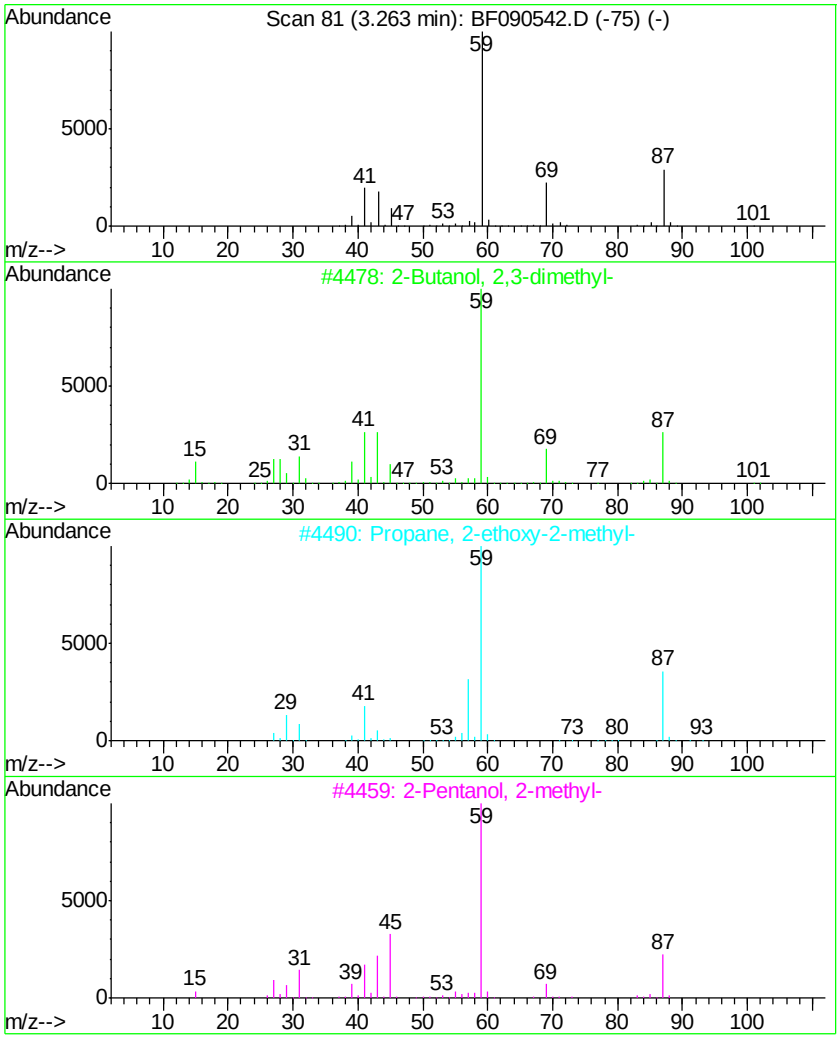
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

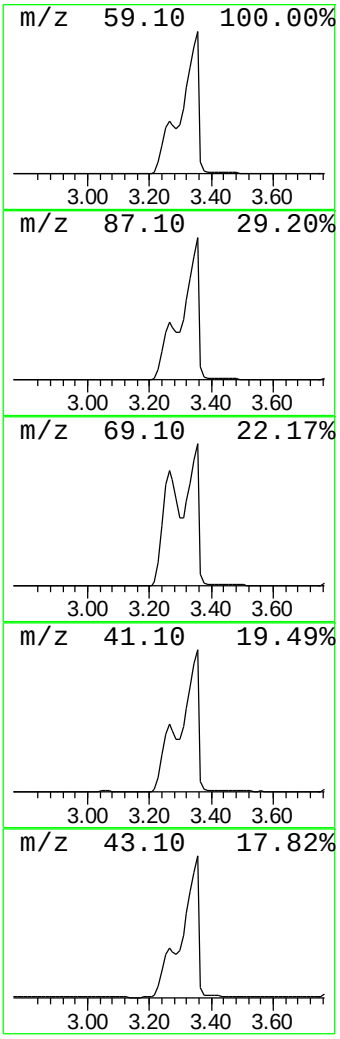
****

Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	43.97 ng	3442750	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
4	3-Heptanol	116	C7H16O	000589-82-2	40
5	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

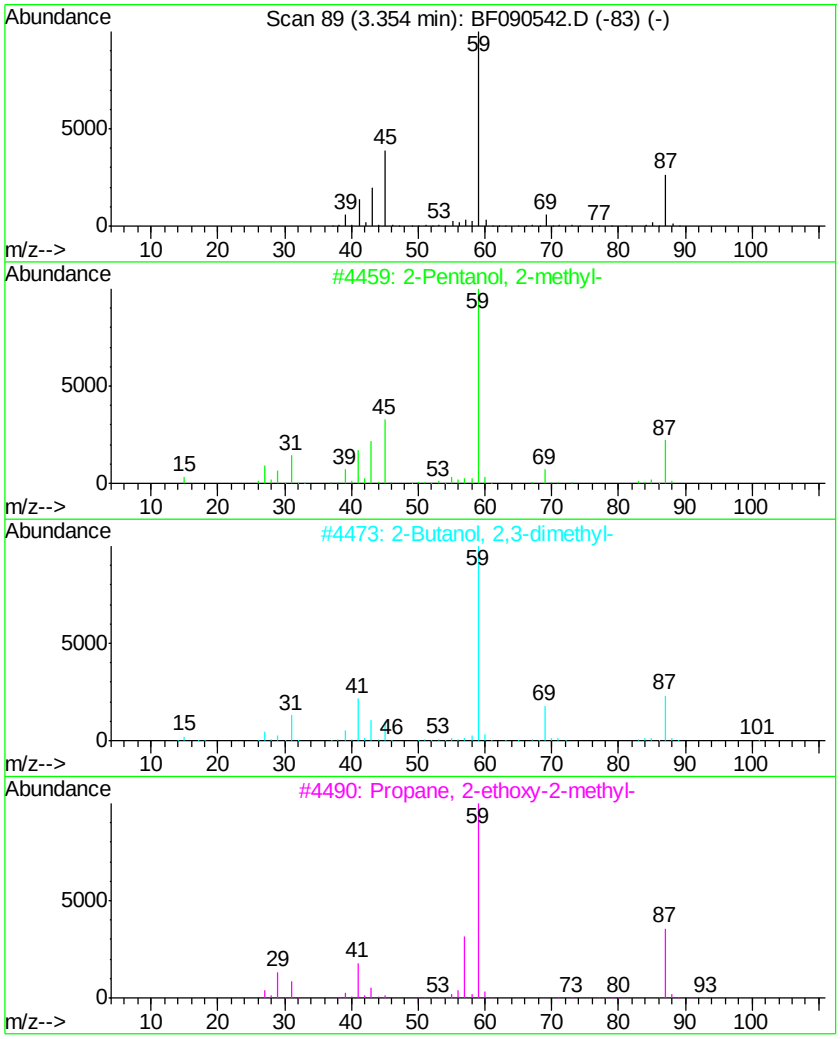
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

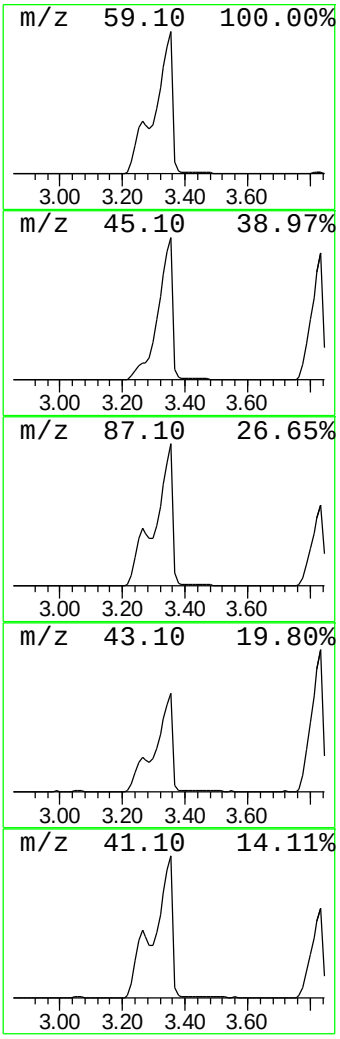
****

Peak Number 2 2-Pentanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	109.42 ng	8566930	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	53
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
4	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	33
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

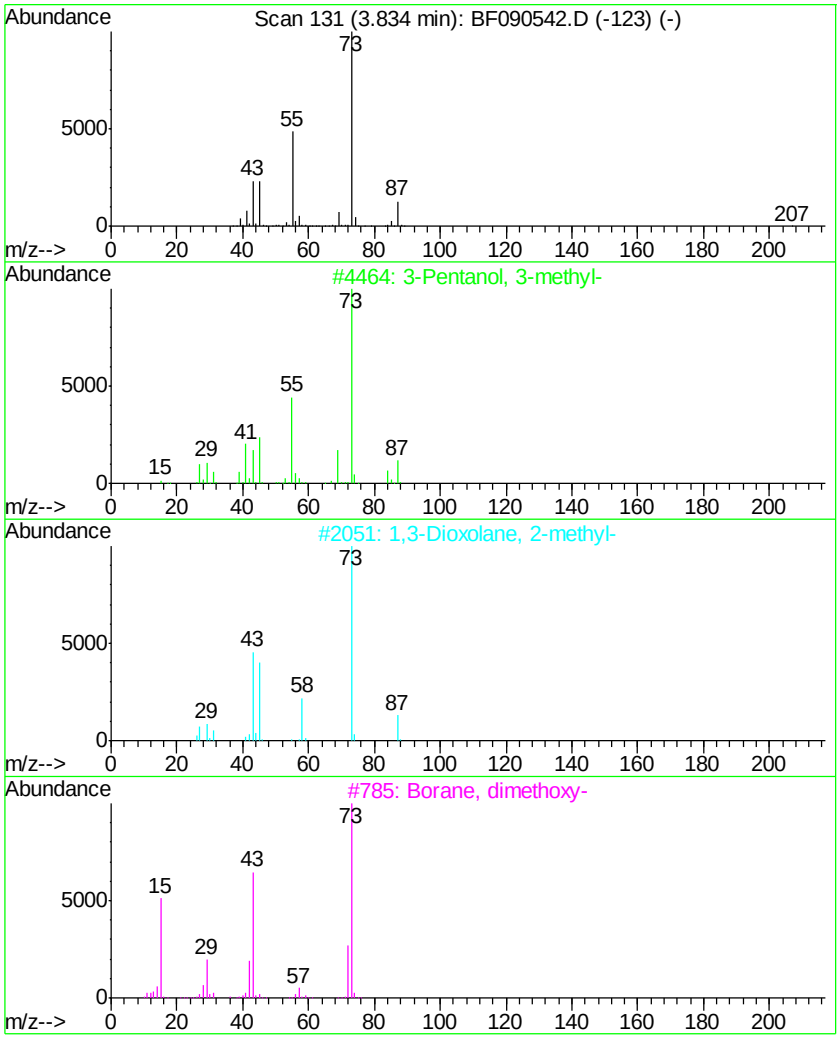
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

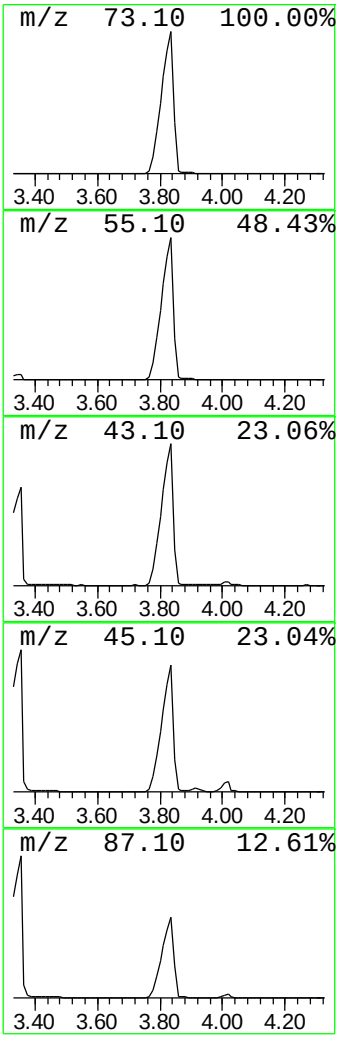
****

Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	136.32 ng	10672900	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	56
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

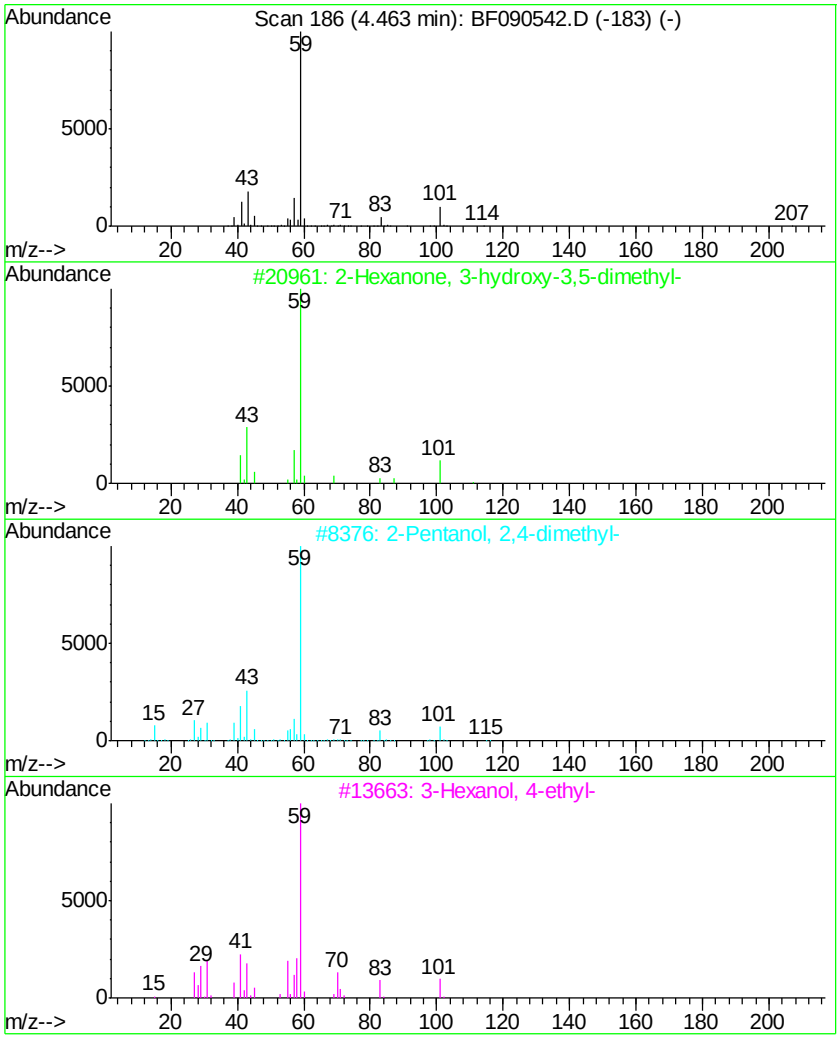
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

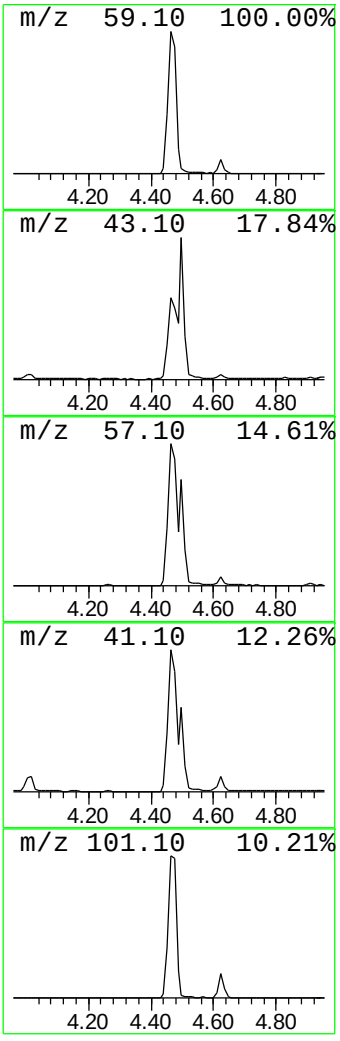
****

Peak Number 5 2-Hexanone, 3-hydroxy-3,5-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	42.16 ng	3300440	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	78
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	72
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	40
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

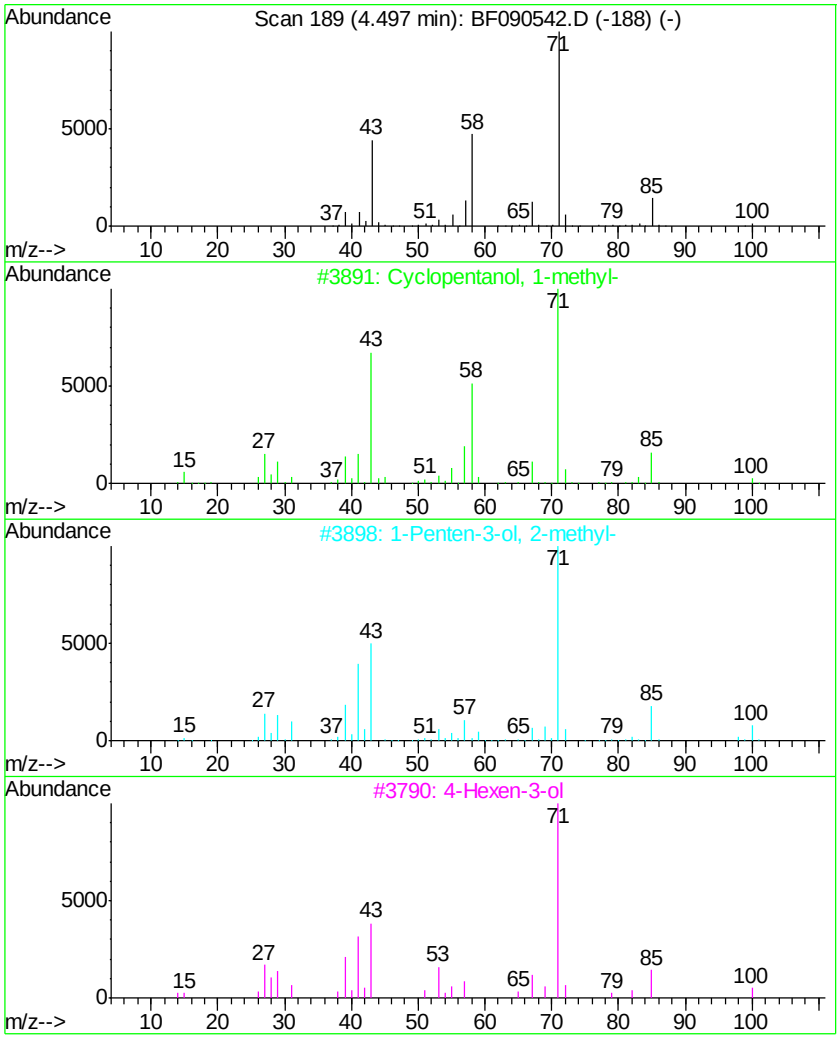
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

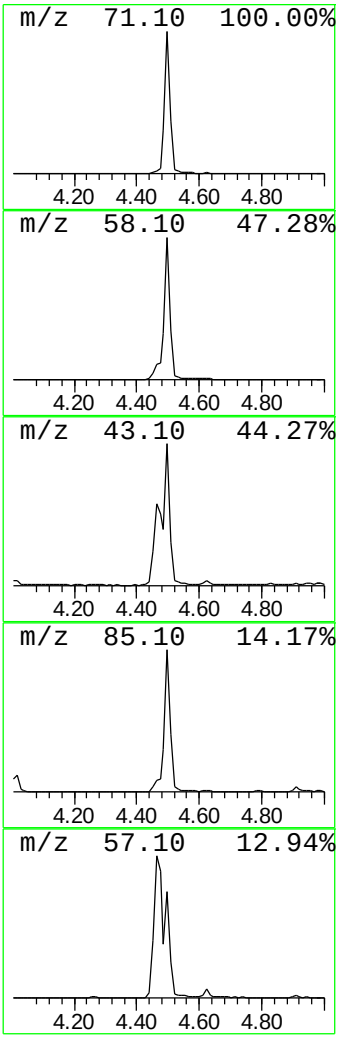
****

Peak Number 6 Cyclopentanol, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	20.06 ng	1570770	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	74
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
3	4-Hexen-3-ol	100	C6H12O	004798-58-7	59
4	Oxirane, hexyl-	128	C8H16O	002984-50-1	56
5	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

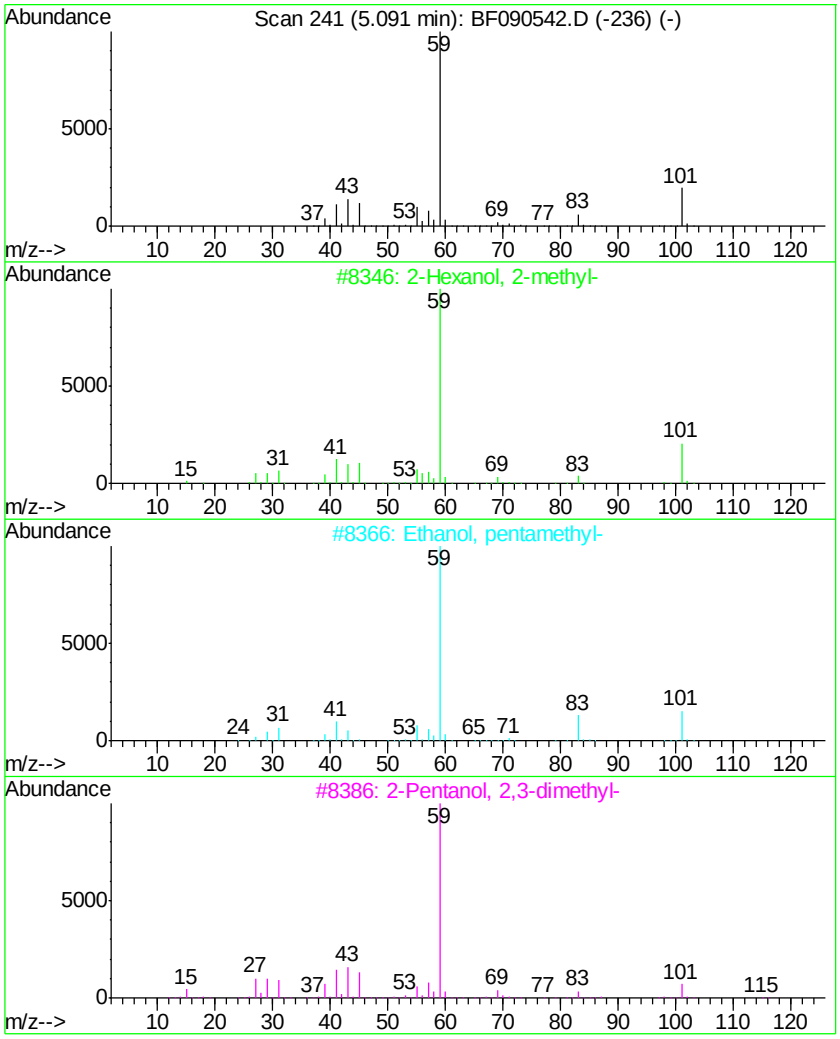
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

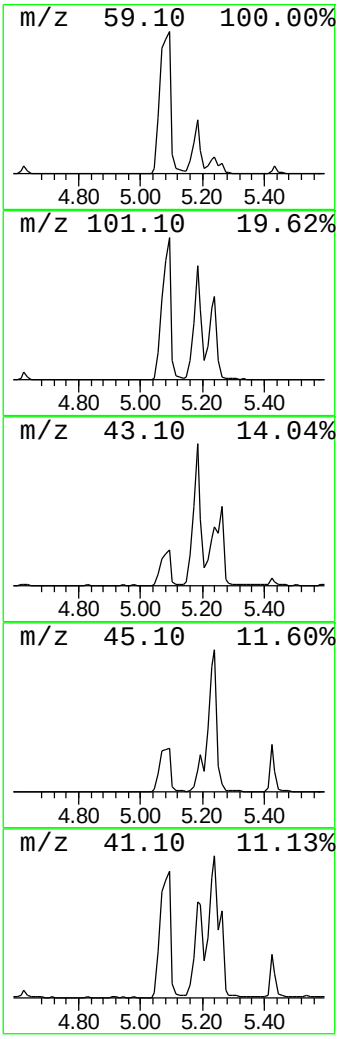
****

Peak Number 7 2-Hexanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	91.97 ng	7200260	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	74
2	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	72
3	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	50
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

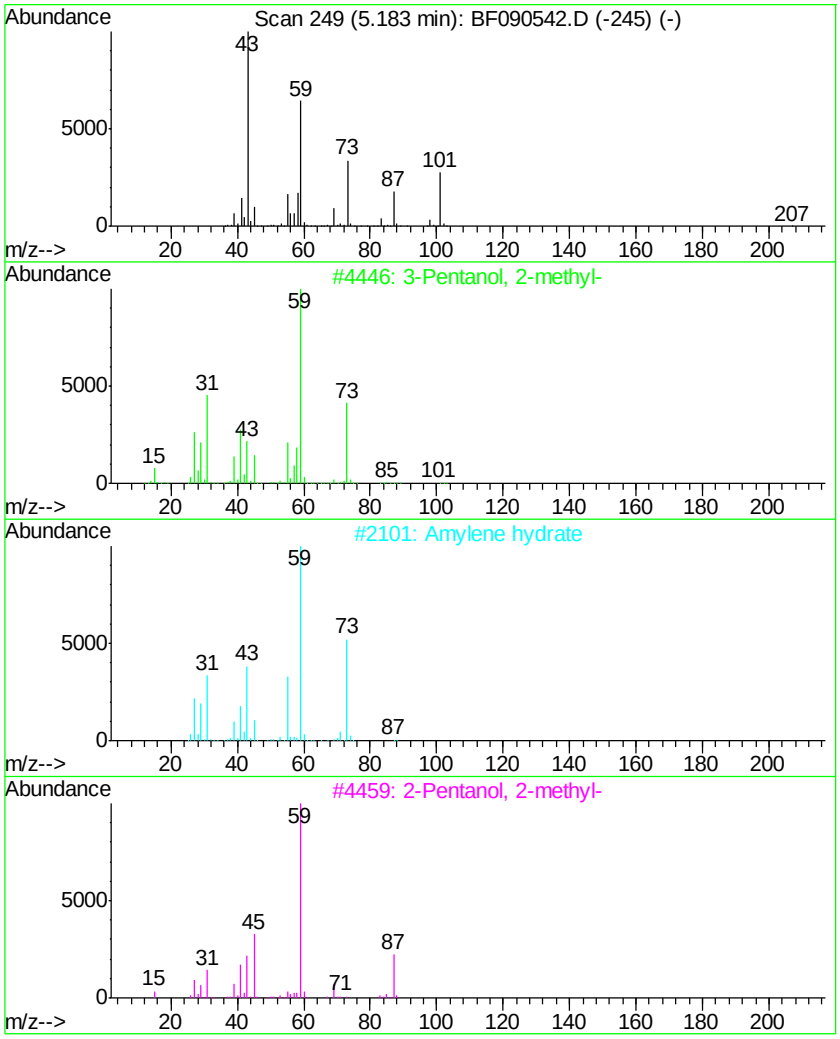
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

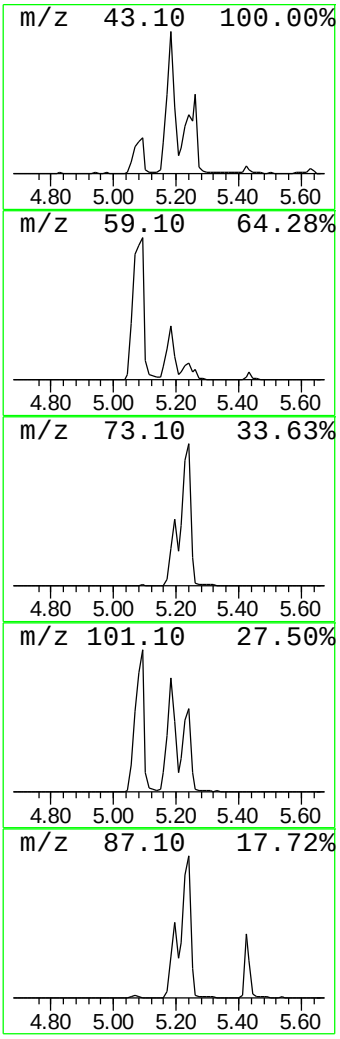
****

Peak Number 8 unknown5.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	76.64 ng	6000470	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
2	Amylene hydrate	88	C5H12O	000075-85-4	38
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	38
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

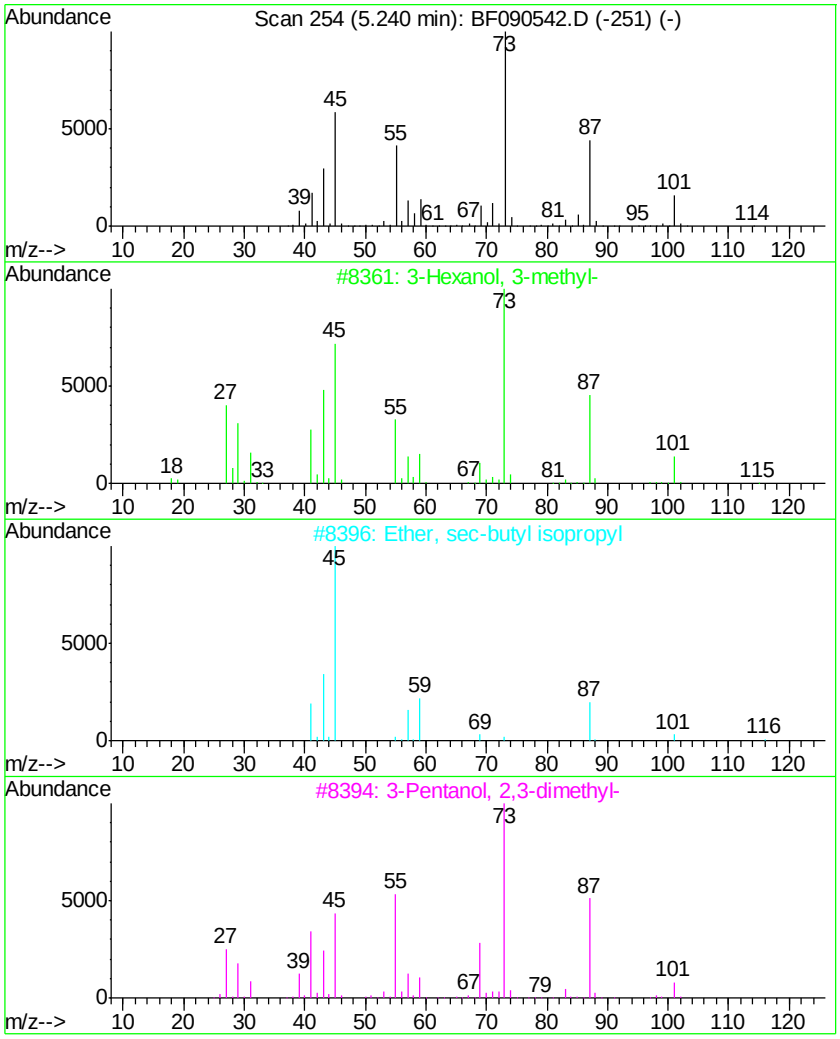
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

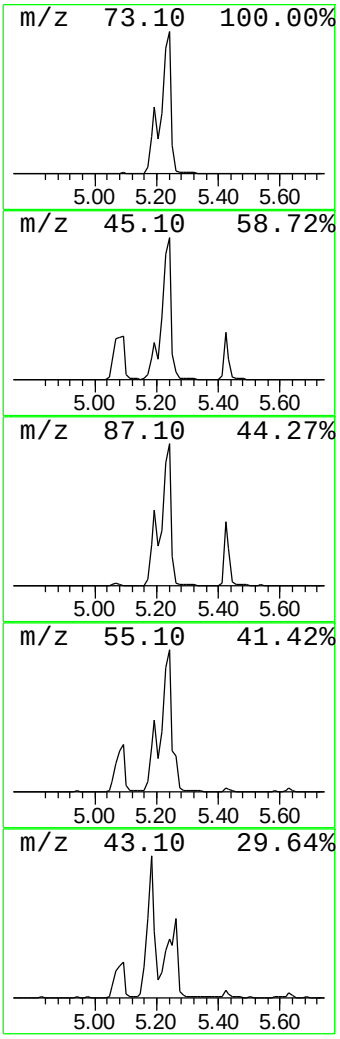
****

Peak Number 9 3-Hexanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	141.90 ng	11109600	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	72
2	Ether, sec-butyl isopropyl	116	C7H16O	018641-81-1	53
3	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	53
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
5	Hexane, 3-methoxy-	116	C7H16O	054658-01-4	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

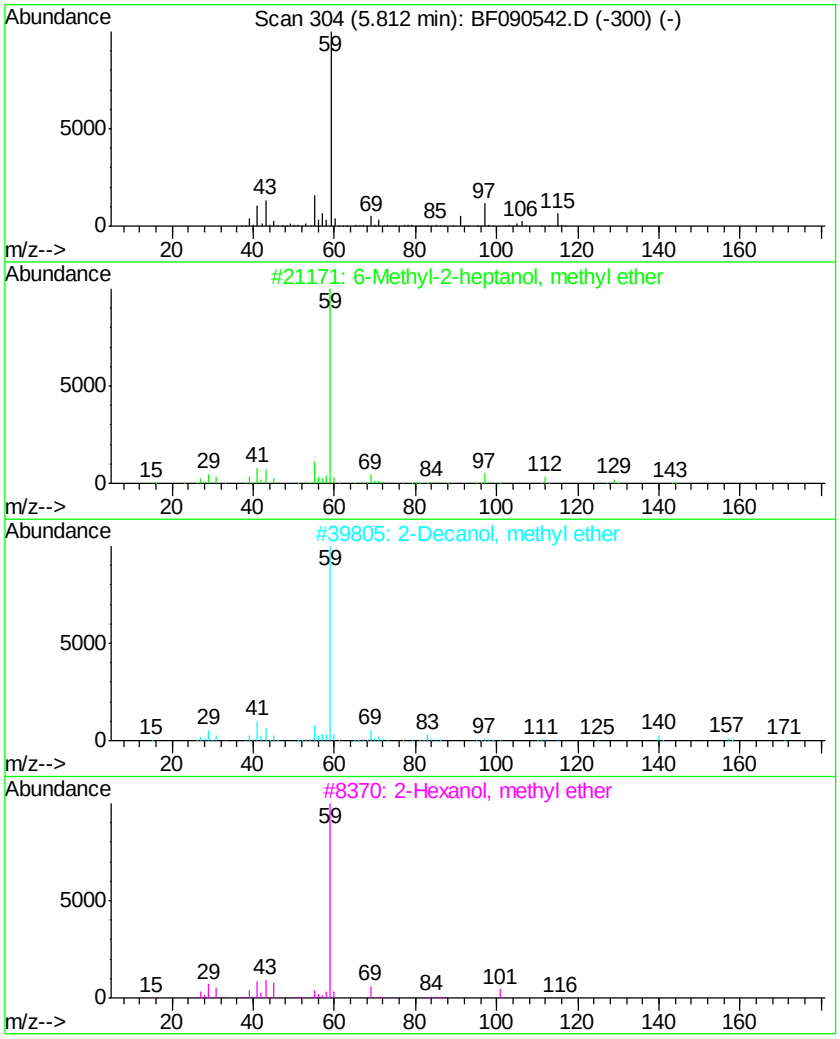
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

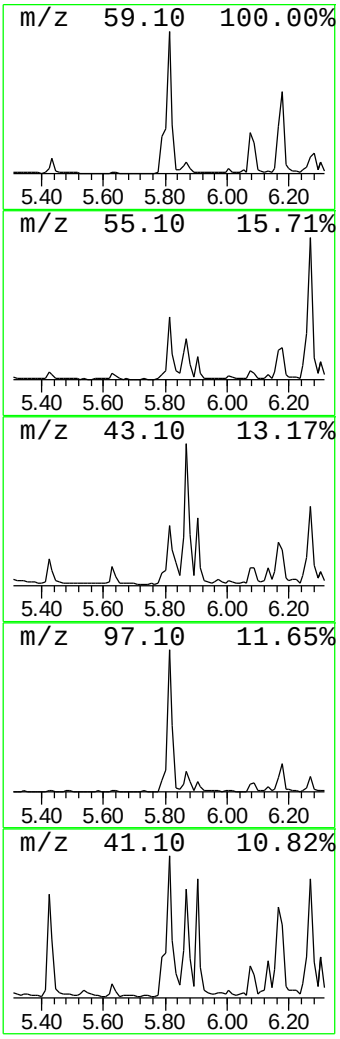
****

Peak Number 11 6-Methyl-2-heptanol, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	47.51 ng	3719770	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	50
2	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	45
3	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	45
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

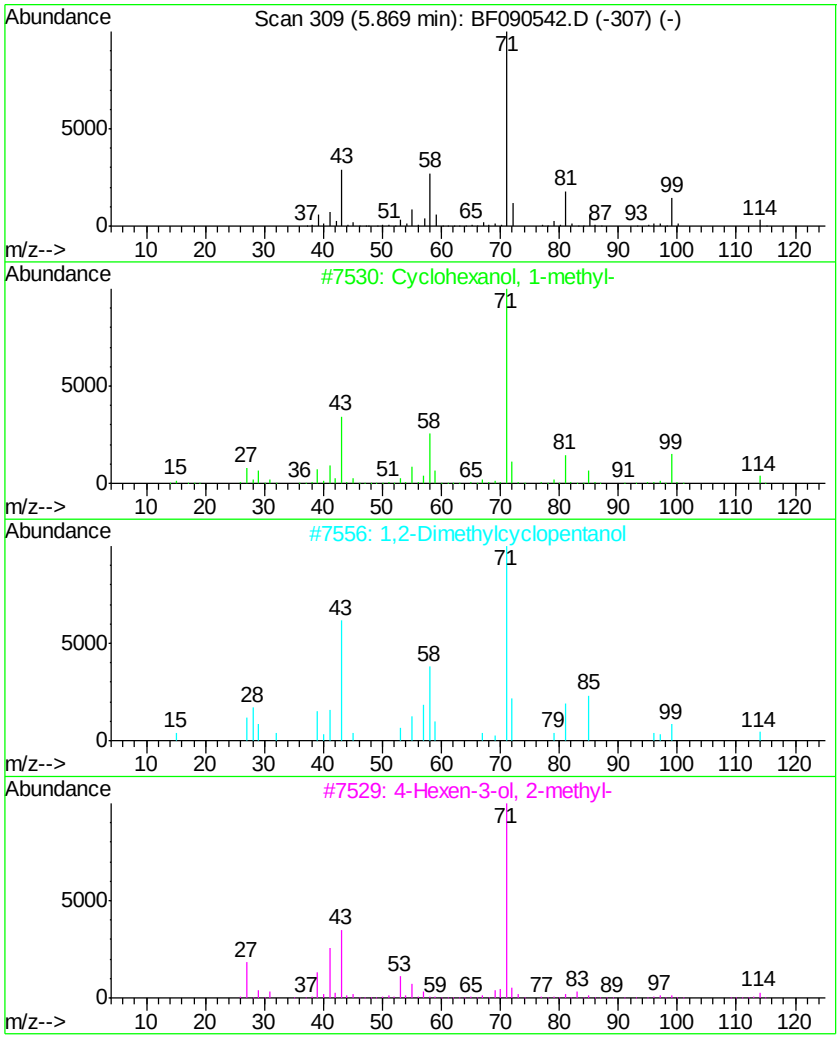
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

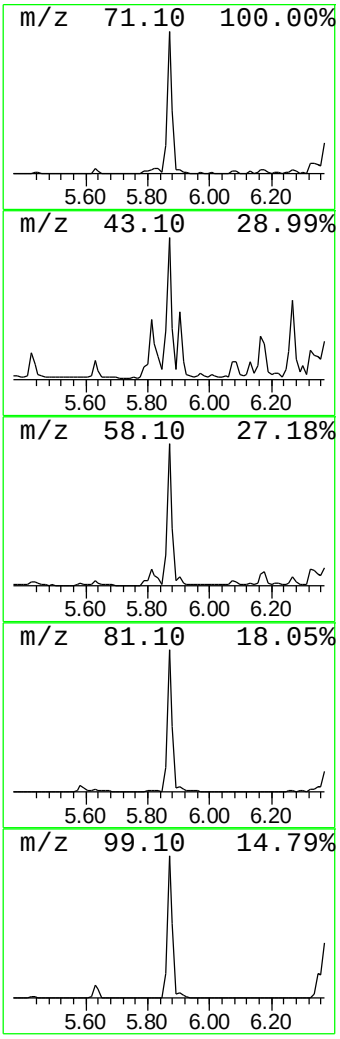
****

Peak Number 12 Cyclohexanol, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	34.31 ng	2686260	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	95
2	1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	43
3	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	36
4	trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	33
5	1,5-Heptadiene-3,4-diol	128	C7H12O2	051945-98-3	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

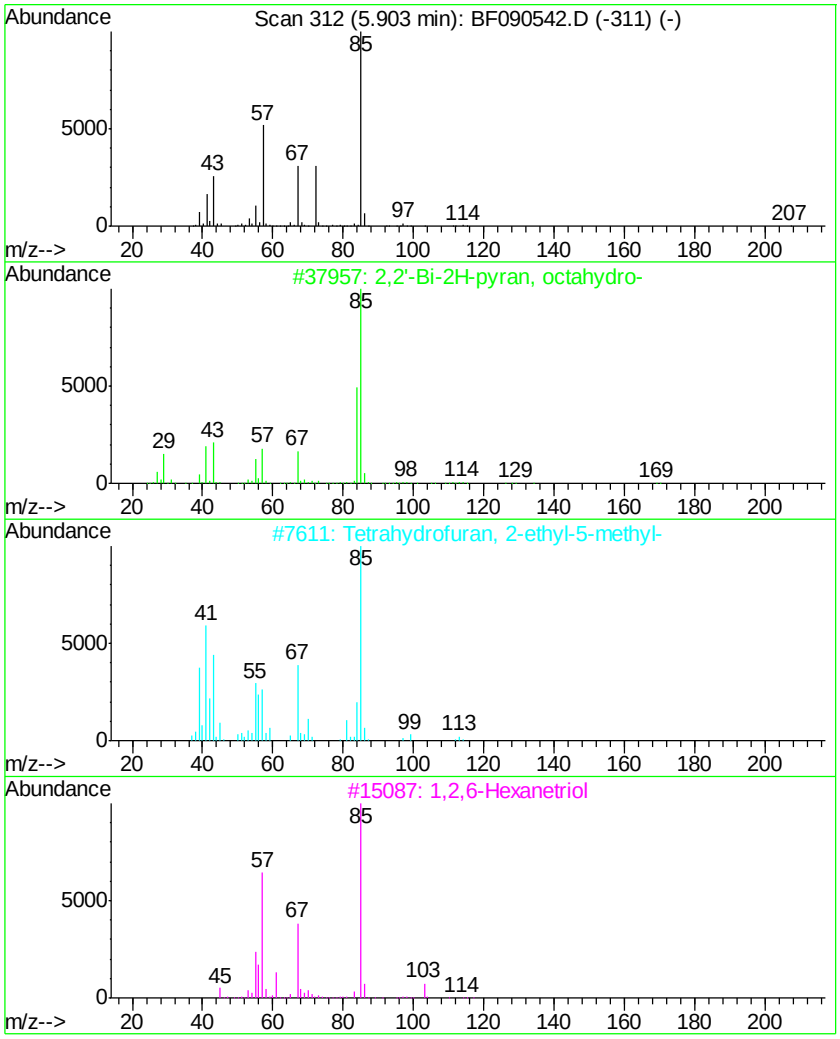
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

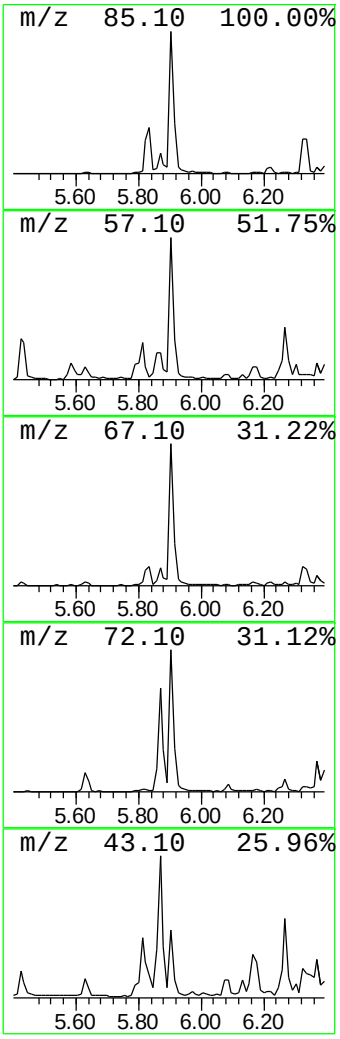
****

Peak Number 13 2,2'-Bi-2H-pyran, octahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	14.50 ng	1135480	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Bi-2H-pyran, octahydro-	170	C10H18O2	016282-29-4	53
2	Tetrahydrofuran, 2-ethyl-5-methyl-	114	C7H14O	000931-39-5	53
3	1,2,6-Hexanetriol	134	C6H14O3	000106-69-4	50
4	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	47
5	3,5-Octanedione, 2,2,4,7-tetrame...	198	C12H22O2	1000161-72-3	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

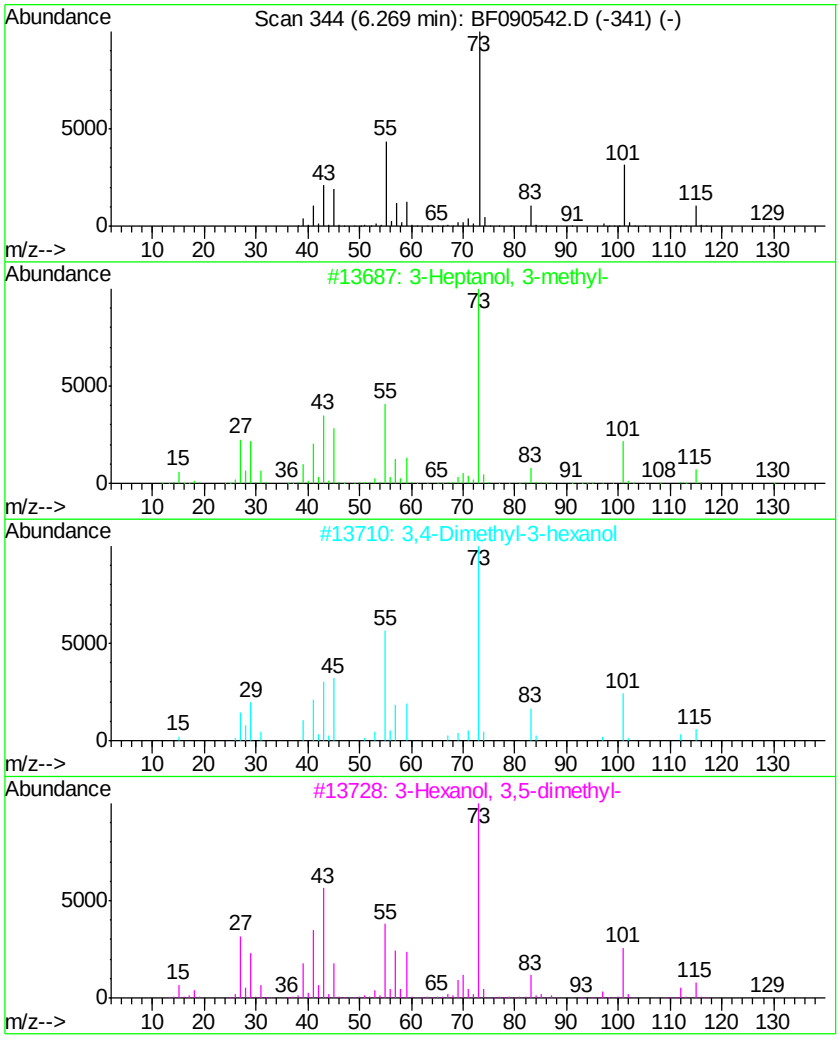
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

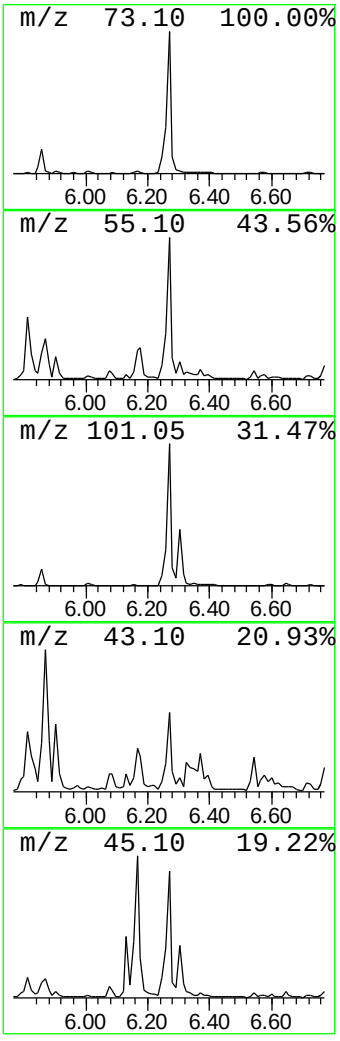
****

Peak Number 15 3-Heptanol, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	27.98 ng	2190950	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	83
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	45
3	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	42
4	3-Methoxy-4-methylheptane	144	C9H20O	1000375-01-3	37
5	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	36





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

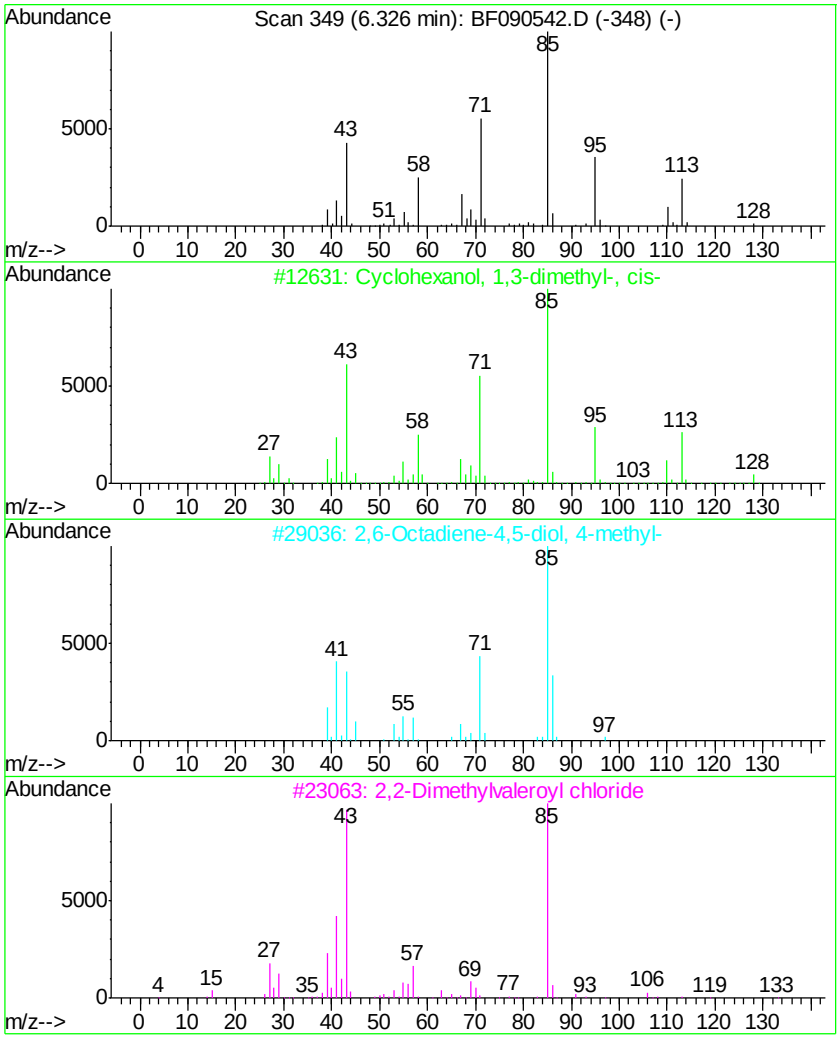
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

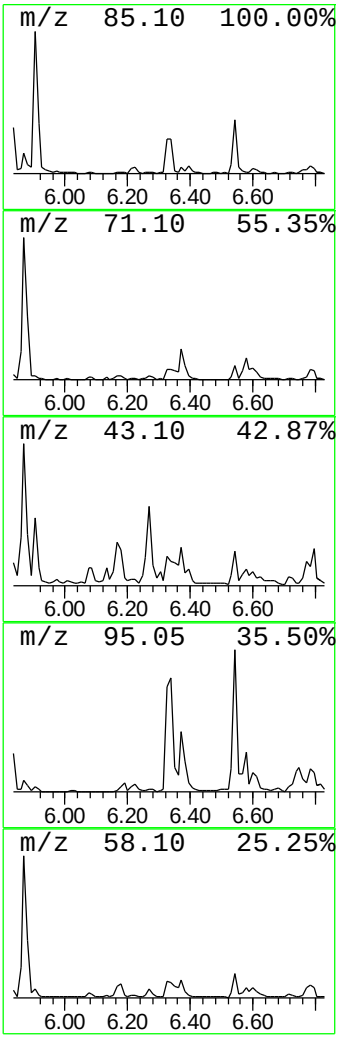
****

Peak Number 16 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	10.53 ng	824607	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	90
2	2,6-Octadiene-4,5-diol, 4-methyl-	156	C9H16O2	056335-74-1	28
3	2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	27
4	2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	25
5	Silane, ethenylethyldimethyl-	114	C6H14Si	018163-06-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

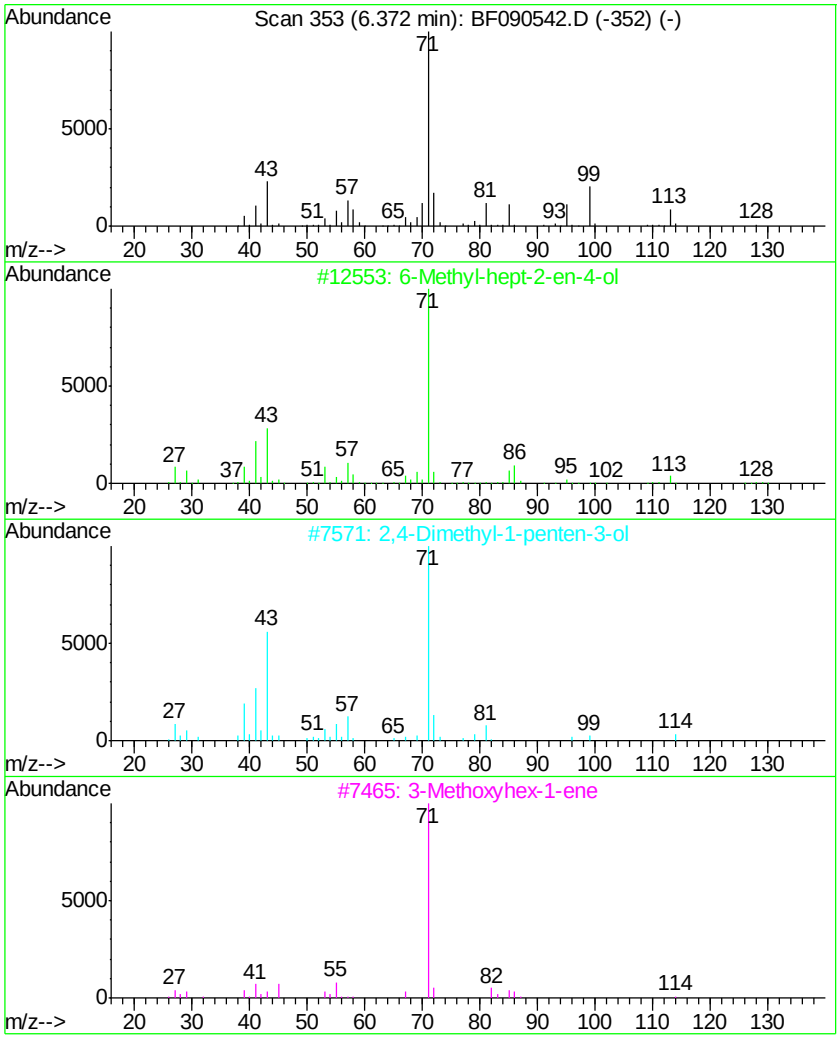
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

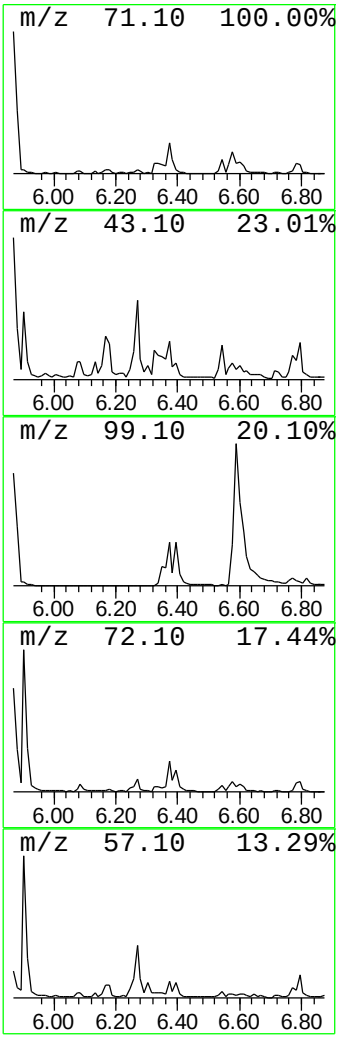
****

Peak Number 17 6-Methyl-hept-2-en-4-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	9.97 ng	780174	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-hept-2-en-4-ol	128	C8H16O	083212-30-0	50
2	2,4-Dimethyl-1-penten-3-ol	114	C7H14O	019781-54-5	50
3	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	46
4	2-Hexen-1-ol, 3-methyl-, (E)-	114	C7H14O	030801-96-8	40
5	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	39





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

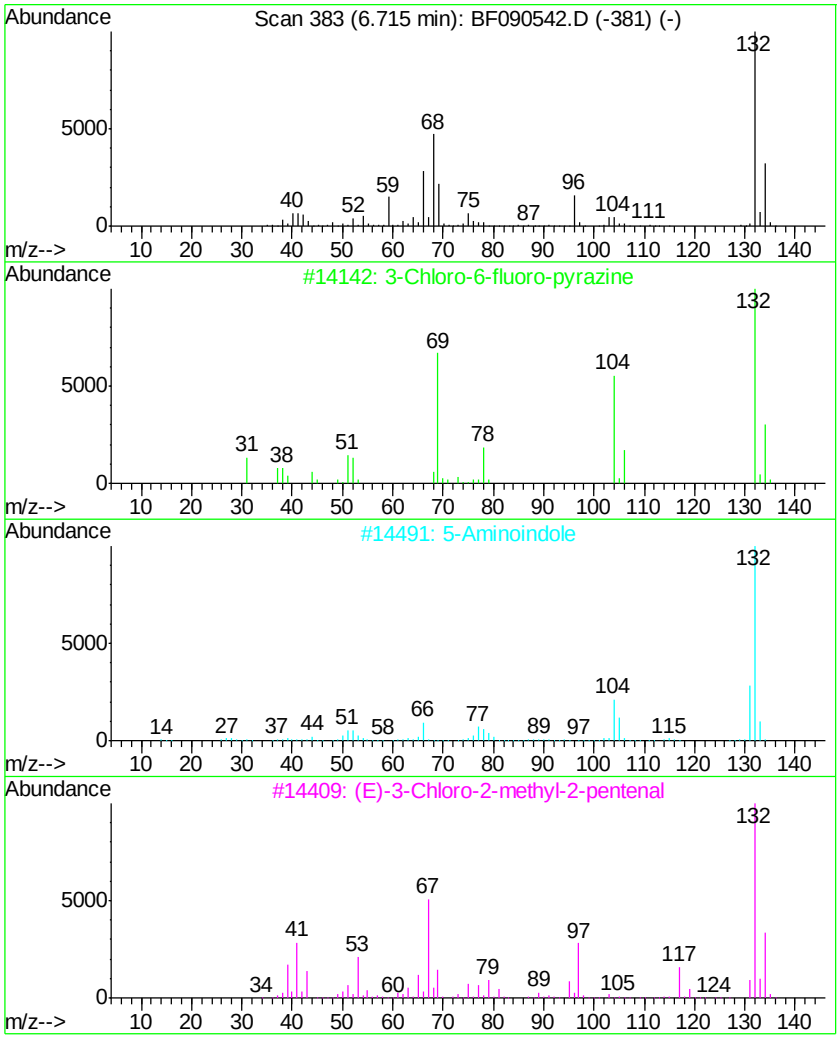
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

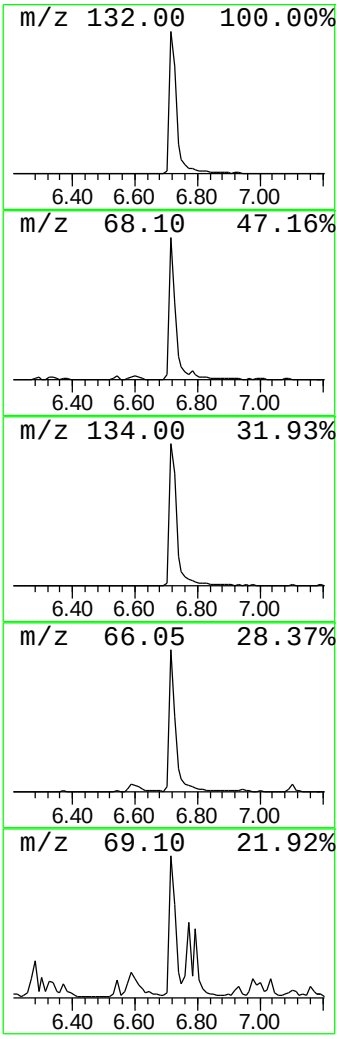
****

Peak Number 18 unknown6.71 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	29.53 ng	2311750	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

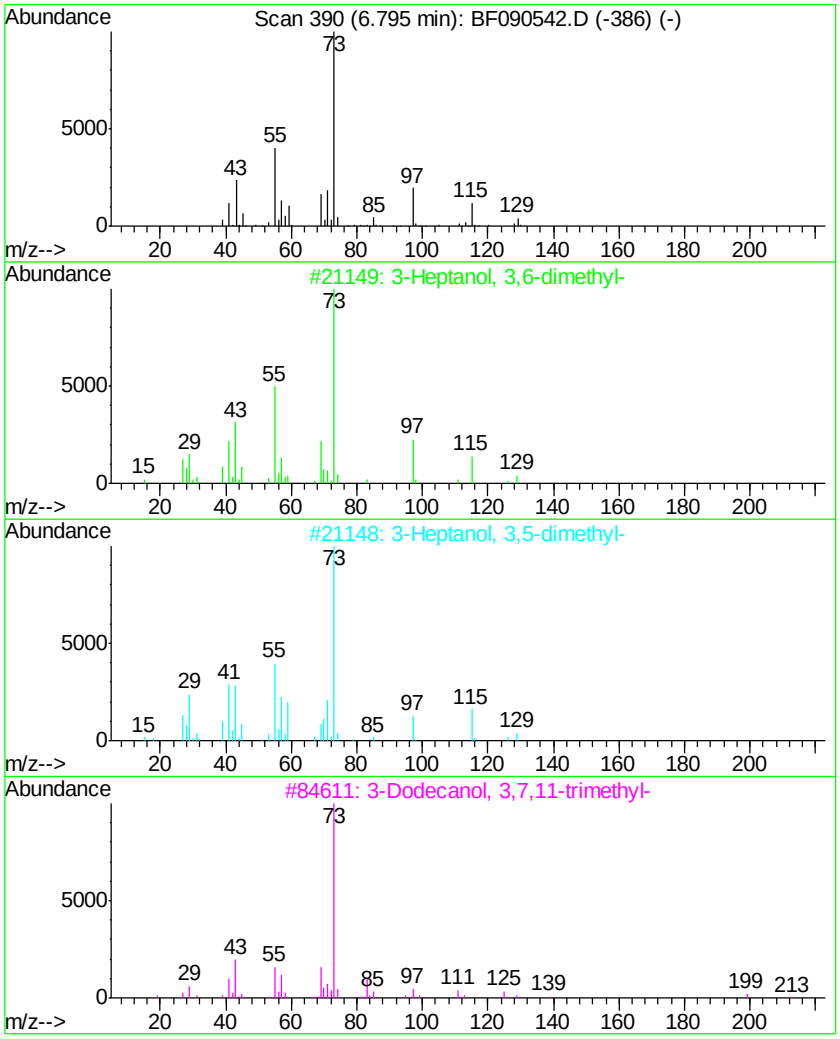
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

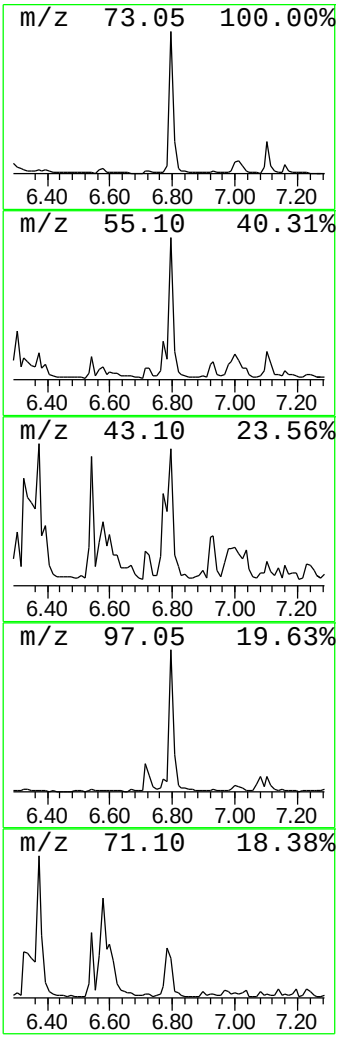
****

Peak Number 19 3-Heptanol, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	21.73 ng	1701080	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	53
2	3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	28
3	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	23
4	3-Octanol, 3-methyl-	144	C9H20O	005340-36-3	20
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
Data File : BF090542.D
Acq On : 12 Oct 2016 18:21
Operator : UM/SJ
Sample : H5180-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
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-Butanol, 2,3-di...	3.26	44.0	ng	3442750	1	6.94	1565830	20.0
2-Pentanol, 2-met...	3.35	109.4	ng	8566930	1	6.94	1565830	20.0
3-Pentanol, 3-met...	3.83	136.3	ng	10672900	1	6.94	1565830	20.0
2-Hexanone, 3-hyd...	4.46	42.2	ng	3300440	1	6.94	1565830	20.0
Cyclopentanol, 1-...	4.50	20.1	ng	1570770	1	6.94	1565830	20.0
2-Hexanol, 2-methyl-	5.09	92.0	ng	7200260	1	6.94	1565830	20.0
unknown5.18	5.18	76.6	ng	6000470	1	6.94	1565830	20.0
3-Hexanol, 3-methyl-	5.24	141.9	ng	11109600	1	6.94	1565830	20.0
6-Methyl-2-heptan...	5.81	47.5	ng	3719770	1	6.94	1565830	20.0
Cyclohexanol, 1-m...	5.87	34.3	ng	2686260	1	6.94	1565830	20.0
2,2'-Bi-2H-pyran,...	5.90	14.5	ng	1135480	1	6.94	1565830	20.0
3-Heptanol, 3-met...	6.27	28.0	ng	2190950	1	6.94	1565830	20.0
Cyclohexanol, 1,3...	6.33	10.5	ng	824607	1	6.94	1565830	20.0
6-Methyl-hept-2-e...	6.37	10.0	ng	780174	1	6.94	1565830	20.0
unknown6.71	6.71	29.5	ng	2311750	1	6.94	1565830	20.0
3-Heptanol, 3,6-d...	6.79	21.7	ng	1701080	1	6.94	1565830	20.0