LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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	5.080	237	240	249	rBV	218425	297288	11.49%	1.074%
2	5.503	275	277	289	rBV	948987	985174	38.06%	3.558%
3	6.531	365	367	377	rBV	873913	1107927	42.81%	4.001%
4	6.669	377	379	391	rVB	1023643	1181592	45.65%	4.267%
5	6.909	398	400	404	rBV	1307991	1296145	50.08%	4.681%
6	7.057	411	413	416	rBV	652491	788010	30.45%	2.846%
7	7.183	421	424	426	rVB2	26710	44951	1.74%	0.162%
8	7.309	432	435	436	rBV	27350	32341	1.25%	0.117%
9	7.469	447	449	454	rVB	452660	477244	18.44%	1.723%
10	7.560	454	457	459	rVB3	35584	52558	2.03%	0.190%
11	7.697	465	469	470	rBV4	15086	39230	1.52%	0.142%
12	7.720	470	471	472	rVB	42953	29444	1.14%	0.106%
13	7.812	475	479	480	rBV4	14859	34722	1.34%	0.125%
14	7.834	480	481	483	rVB2	58801	53848	2.08%	0.194%
15	7.960	486	492	495	rBV5	14267	40866	1.58%	0.148%
16	8.063	500	501	503	rBV2	19672	29859	1.15%	0.108%
17	8.143	506	508	510	rBV3	12771	26036	1.01%	0.094%
18	8.200	510	513	515	rBV	1332901	1782352	68.86%	6.436%
19	8.257	516	518	519	rVB	50513	56001	2.16%	0.202%
20	8.280	519	520	524	rVB4	20395	42058	1.62%	0.152%
21	8.486	535	538	540	rVB2	42177	64173	2.48%	0.232%
22	8.577	544	546	548	rVB3	29101	38632	1.49%	0.140%
23	8.623	548	550	552	rBV	123430	149729	5.79%	0.541%
24	8.657	552	553	555	rVB2	51401	48422	1.87%	0.175%
25	8.703	555	557	558	rBV	25010	26163	1.01%	0.094%
26	8.737	558	560	563	rBV4	22480	47125	1.82%	0.170%
27	8.783	563	564	566	rBV2	14239	26874	1.04%	0.097%
28	8.852	566	570	571	rBV4	16388	34518	1.33%	0.125%
29	8.886	571	573	576	rVB3	48167	61542	2.38%	0.222%
30	8.943	576	578	579	rBV	38089	32978	1.27%	0.119%
31	9.000	579	583	586	rBV5	24736	71239	2.75%	0.257%
32	9.103	591	592	594	rVB2	29538	29073	1.12%	0.105%
33	9.149	594	596	598	rBV3	22615	36239	1.40%	0.131%
34	9.195	598	600	601	rVB	42862	41879	1.62%	0.151%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

35	9.217	601	602	604	rVB	94590	85928	3.32%	0.310%
36	9.275	604	607	609	rBV	1050210	1116332	43.13%	4.031%
37	9.355	612	614	616	rBV	104918	123063	4.75%	0.444%
38	9.400	616	618	621	rVB3	23209	55308	2.14%	0.200%
39	9.537	628	630	633	rBV2	26523	48658	1.88%	0.176%
40	9.606	635	636	639	rVV2	95614	131947	5.10%	0.476%
41	9.663	639	641	644	rVV2	635157	652361	25.21%	2.356%
42	9.720	644	646	649	rVV3	67700	104610	4.04%	0.378%
43	9.812	652	654	656	rBV2	133171	197914	7.65%	0.715%
44	9.869	656	659	660	rVV	173532	221863	8.57%	0.801%
45	9.949	664	666	668	rVV	1768722	1811846	70.00%	6.543%
46	9.983	668	669	674	rVV4	104671	182265	7.04%	0.658%
47	10.063	674	676	678	rVV	42830	61507	2.38%	0.222%
48	10.155	682	684	686	rVB2	77722	81005	3.13%	0.293%
49	10.189	686	687	692	rVB2	35617	71207	2.75%	0.257%
50	10.269	692	694	695	rBV	63285	63574	2.46%	0.230%
51	10.360	700	702	705	rBV2	89370	111923	4.32%	0.404%
52	10.498	713	714	717	rVB3	34623	36166	1.40%	0.131%
53	10.612	721	724	726	rVB3	37397	52997	2.05%	0.191%
54	10.658	726	728	730	rVB2	24090	42128	1.63%	0.152%
55	10.738	733	735	737	rBV	424808	412056	15.92%	1.488%
56	10.863	744	746	750	rVB	82119	129793	5.01%	0.469%
57	10.943	750	753	756	rBV4	37434	69303	2.68%	0.250%
58	11.046	760	762	763	rBV2	27440	35889	1.39%	0.130%
59	11.183	771	774	778	rBV3	26578	69338	2.68%	0.250%
60	11.241	778	779	781	rBV2	26860	34096	1.32%	0.123%
61	11.332	786	787	792	rVB2	45610	67112	2.59%	0.242%
62	11.435	794	796	802	rBV2	1014819	1586194	61.29%	5.728%
63	11.515	802	803	804	rVV	59747	49983	1.93%	0.181%
64	11.549	804	806	809	rVB2	17769	34113	1.32%	0.123%
65	11.663	814	816	821	rVV4	35355	95200	3.68%	0.344%
66	11.766	823	825	829	rVB5	15076	29749	1.15%	0.107%
67	11.938	838	840	841	rBV	40356	43098	1.67%	0.156%
68	11.972	841	843	845	rVV	51594	66401	2.57%	0.240%
69	12.018	845	847	848	rVV2	19378	29994	1.16%	0.108%
70	12.052	848	850	854	rVB2	104132	145236	5.61%	0.524%
71	12.258	864	868	871	rBV2	37656	78736	3.04%	0.284%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

72	12.418	881	882	885	rVB	24911	32581	1.26%	0.118%
73	12.486	886	888	890	rBV	55607	81037	3.13%	0.293%
74	12.532	890	892	894	rVB2	26591	33510	1.29%	0.121%
75	12.578	894	896	900	rVB2	39826	47871	1.85%	0.173%
76	12.658	900	903	905	rBV	594267	846651	32.71%	3.057%
77	12.806	914	916	919	rBV3	24559	32772	1.27%	0.118%
78	12.875	919	922	925	rBV	585481	921425	35.60%	3.327%
79	12.932	926	927	929	rVB2	39877	52630	2.03%	0.190%
80	13.024	933	935	939	rVB	750885	744827	28.78%	2.690%
81	13.092	939	941	945	rBV3	47641	96650	3.73%	0.349%
82	13.206	948	951	953	rVV2	76750	133445	5.16%	0.482%
83	13.275	955	957	958	rVV	50470	53816	2.08%	0.194%
84	13.309	958	960	964	rVV2	75885	136625	5.28%	0.493%
85	13.401	966	968	970	rVV	40617	56611	2.19%	0.204%
86	13.435	970	971	973	rVV	55724	56493	2.18%	0.204%
87	13.504	975	977	980	rVB	62587	79608	3.08%	0.287%
88	13.721	994	996	998	rBV	59148	72654	2.81%	0.262%
89	13.835	1003	1006	1007	rBV2	61973	123678	4.78%	0.447%
90	13.927	1012	1014	1017	rVB2	85266	116188	4.49%	0.420%
91	14.087	1024	1028	1034	rBV2	1228453	2588214	100.00%	9.347%
92	15.115	1116	1118	1123	rBV	451137	948729	36.66%	3.426%
93	15.195	1123	1125	1126	rBV	67888	56157	2.17%	0.203%
94	15.412	1142	1144	1148	rVB	248554	416733	16.10%	1.505%
95	15.481	1148	1150	1153	rBV	295151	493844	19.08%	1.783%
96	15.538	1153	1155	1166	rVB	705885	1602737	61.92%	5.788%
97	16.990	1279	1282	1287	rVB2	95228	206819	7.99%	0.747%
98	17.413	1317	1319	1328	rVB	115683	323978	12.52%	1.170%

Sum of corrected areas: 27691408

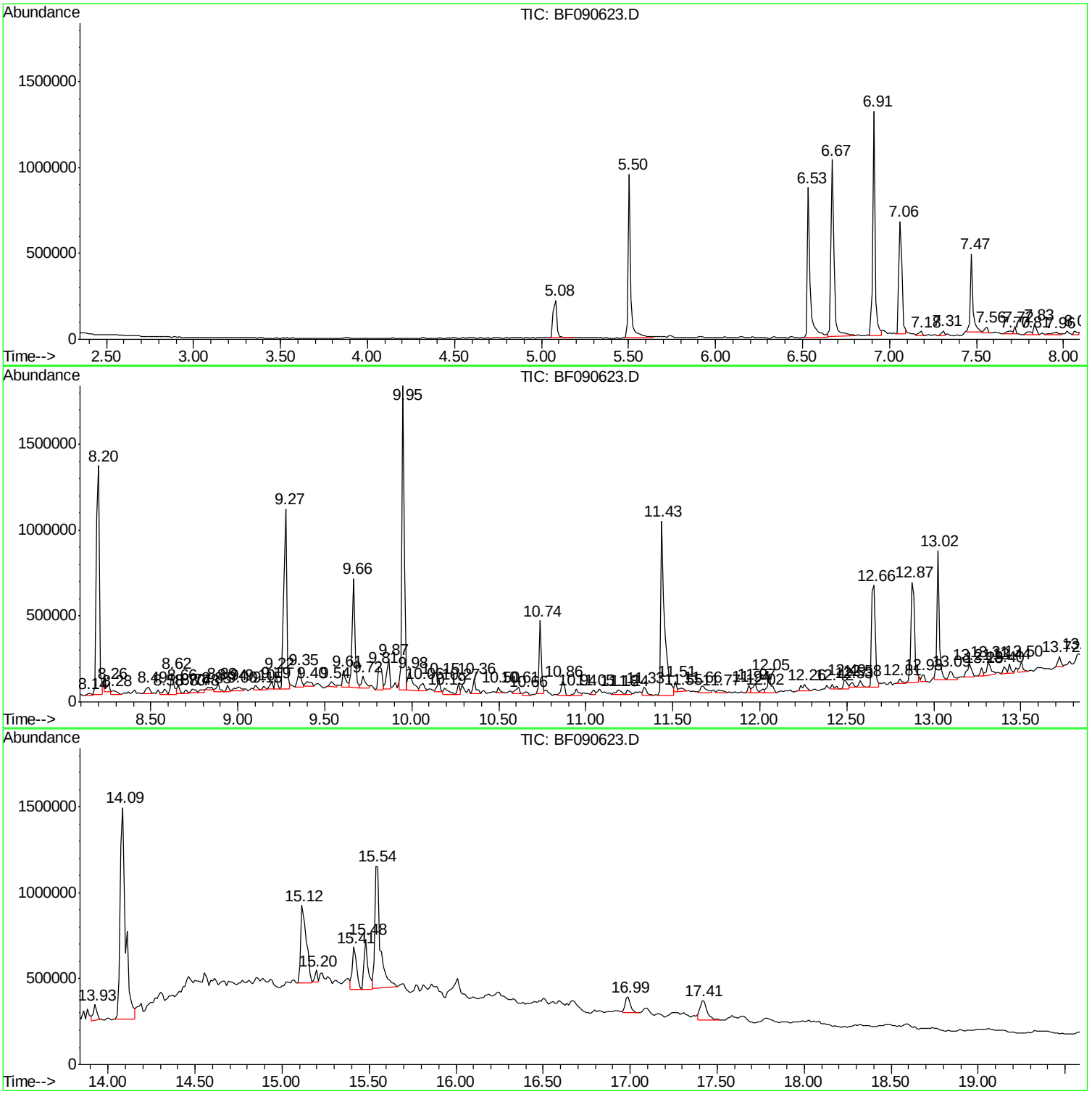
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

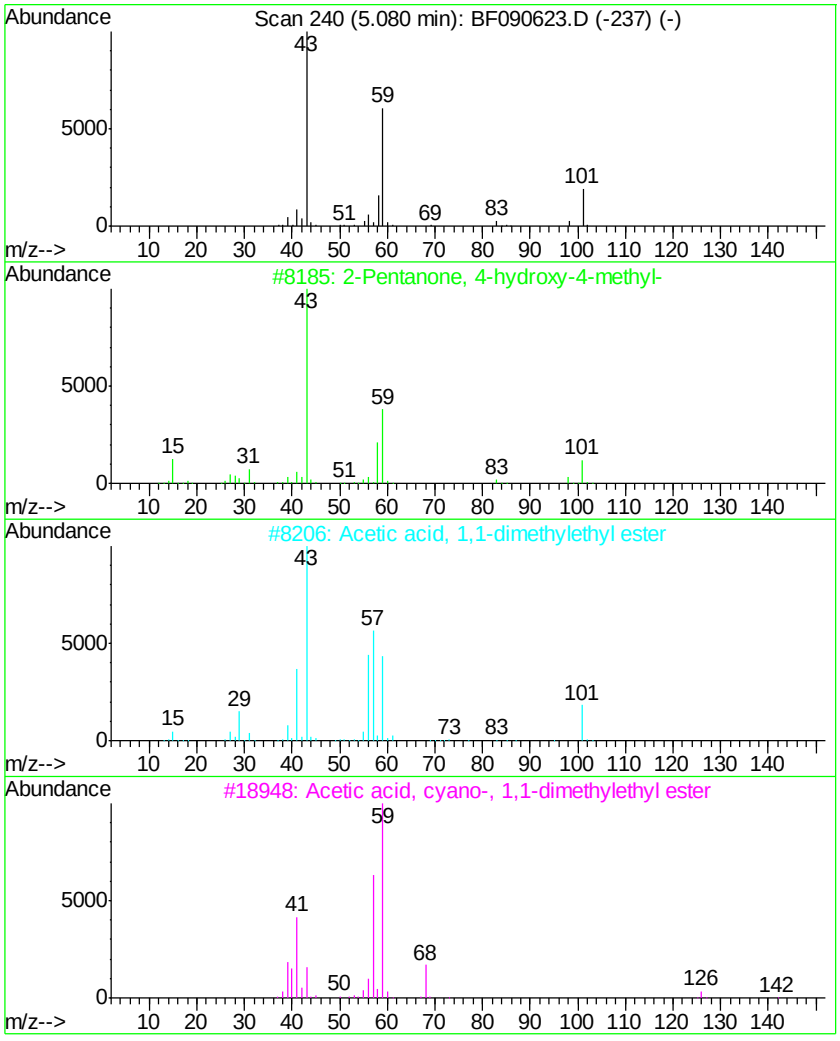
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

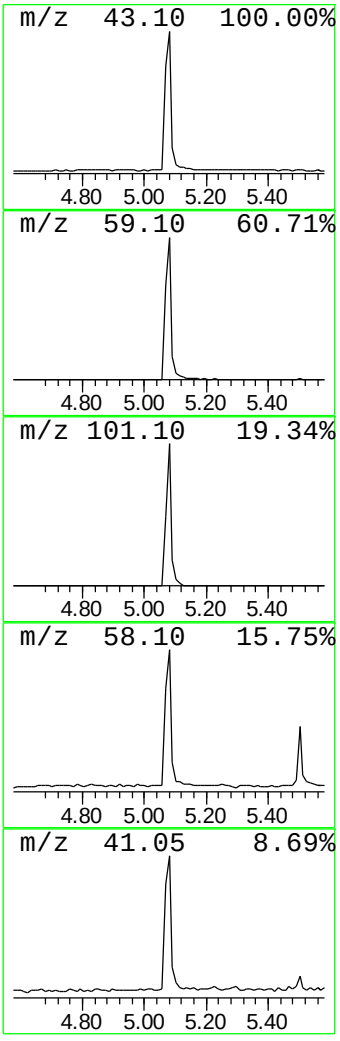
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	4.59 ng	297288	1,4-Dichlorobenzene-d4	6.91

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

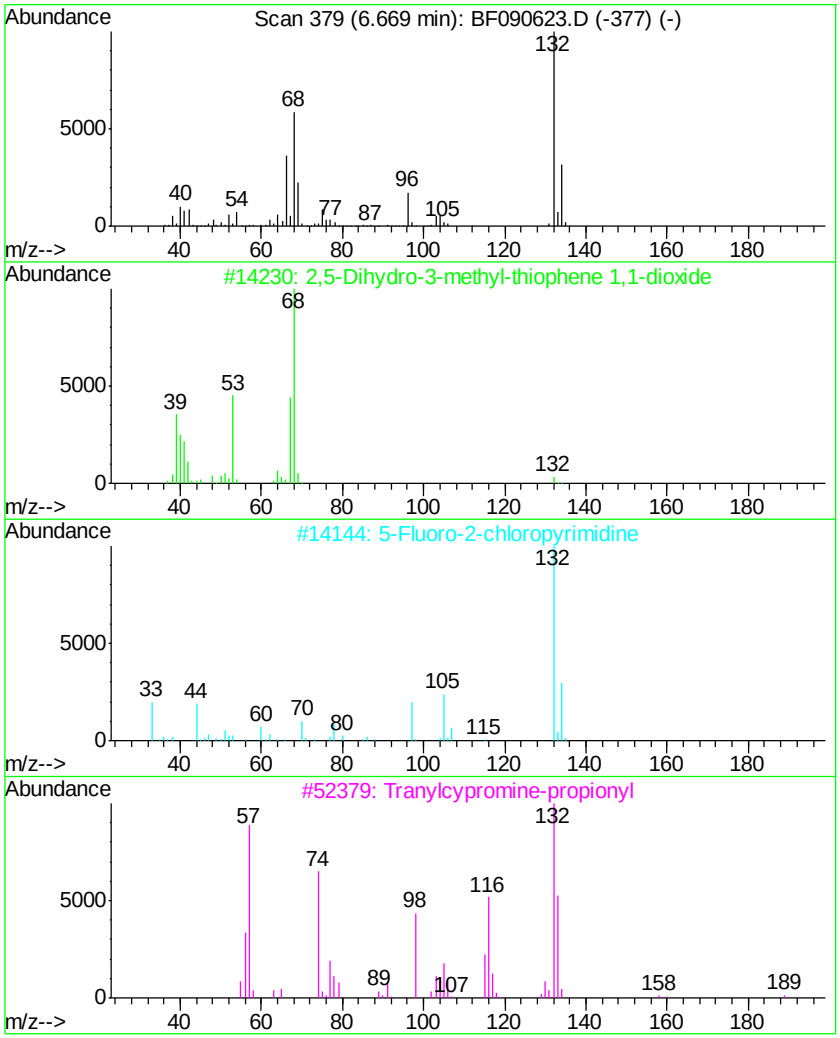
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

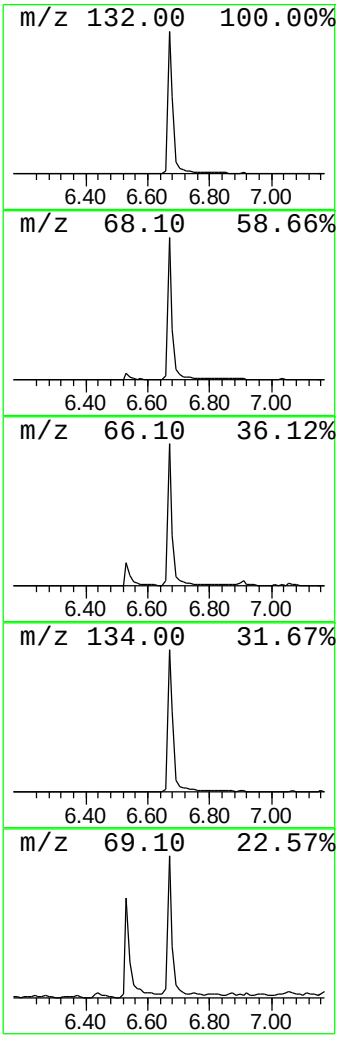
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	18.23 ng	1181590	1,4-Dichlorobenzene-d4	6.91

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

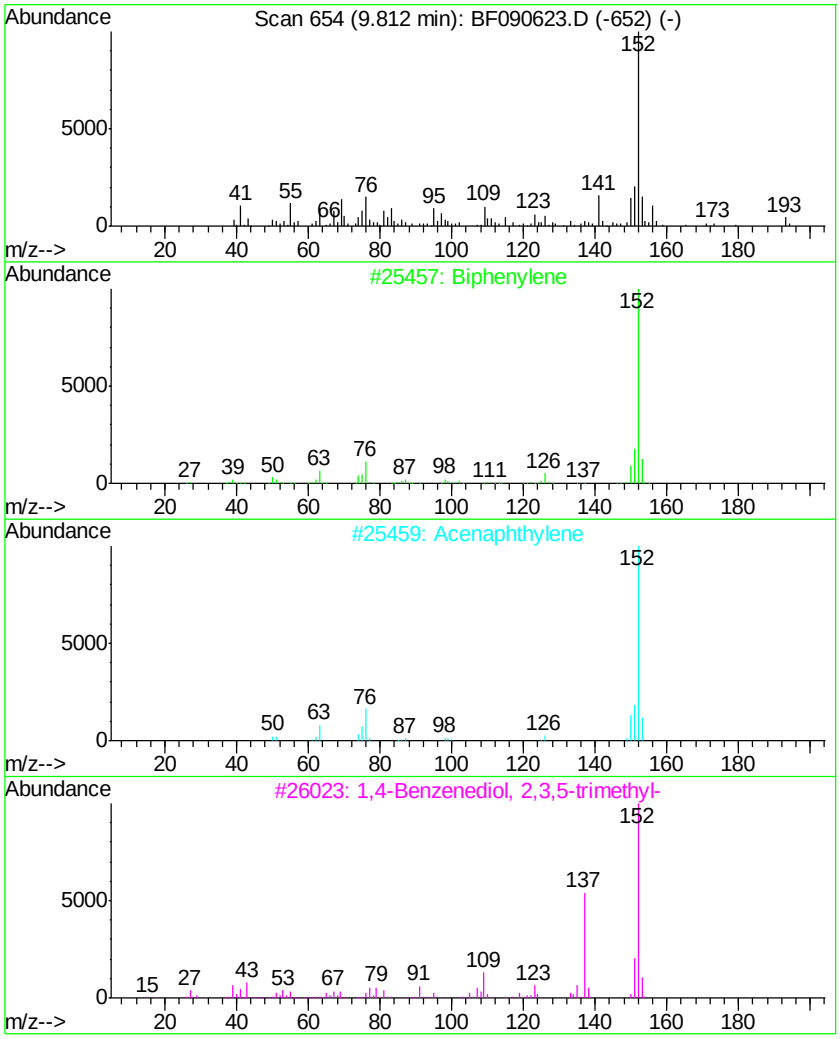
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

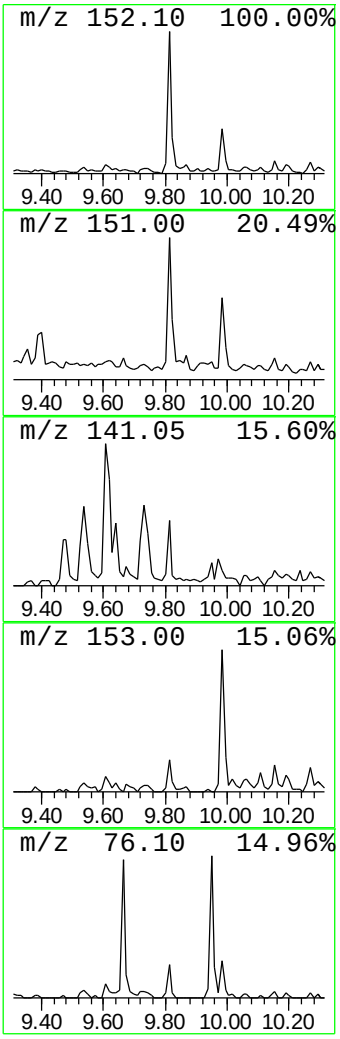
****

Peak Number 4 Biphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	2.18 ng	197914	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	93
2	Acenaphthylene	152	C12H8	000208-96-8	70
3	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	58
4	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	58
5	3-Hydroxy-4-methoxybenzaldehyde,...	194	C10H10O4	1000352-84-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

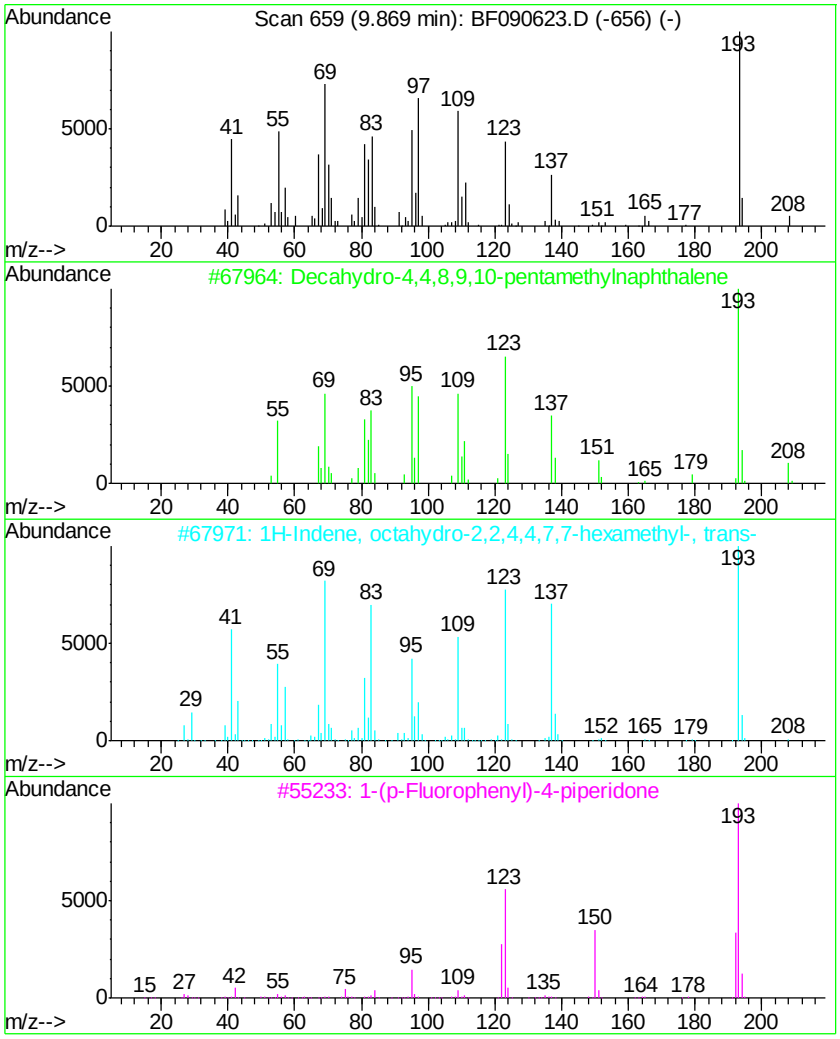
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

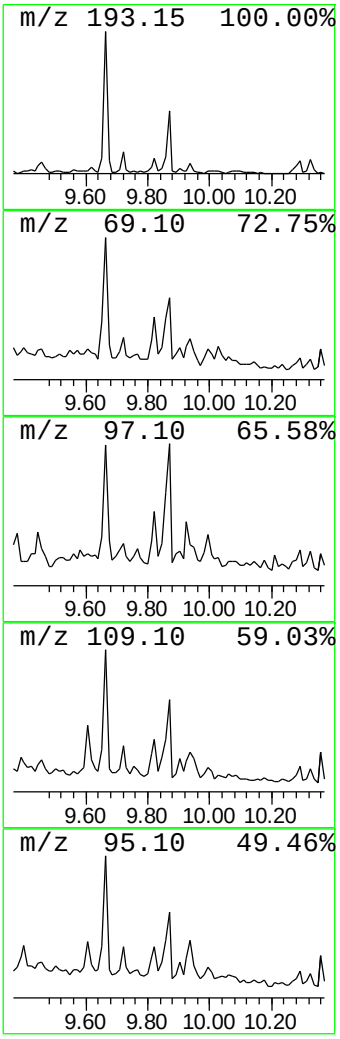
****

Peak Number 5 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.45 ng	221863	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
4	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	32
5	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090623.D
Acq On : 17 Oct 2016 22:25
Operator : UM/SJ
Sample : H5228-02 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	4.6	ng	297288	1	6.91	1296150	20.0
unknown6.67	6.67	18.2	ng	1181590	1	6.91	1296150	20.0
Biphenylene	9.81	2.2	ng	197914	3	9.95	1811850	20.0
Decahydro-4,4,8,9...	9.87	2.5	ng	221863	3	9.95	1811850	20.0