

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
 Data File : BG015871.D
 Acq On : 9 Jan 2015 16:03
 Operator : TP/IZ
 Sample : G1041-01
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9762

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.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	2.752	6	11	28	rVB	1683152	2631673	89.55%	7.223%
2	2.887	28	34	42	rVV4	29078	68403	2.33%	0.188%
3	2.964	42	47	56	rVV	121874	199688	6.79%	0.548%
4	3.052	56	62	69	rVB	69291	116908	3.98%	0.321%
5	3.957	212	216	224	rVB4	24110	42265	1.44%	0.116%
6	4.867	365	371	381	rVB	105140	160685	5.47%	0.441%
7	5.261	433	438	444	rVB	89380	135373	4.61%	0.372%
8	5.337	444	451	456	rVV	451718	705430	24.00%	1.936%
9	5.390	456	460	475	rVB	251152	568381	19.34%	1.560%
10	5.760	516	523	529	rVB	182099	279636	9.52%	0.767%
11	5.825	529	534	541	rVB4	20279	34182	1.16%	0.094%
12	6.013	558	566	571	rBV7	17889	37424	1.27%	0.103%
13	6.230	596	603	610	rVB7	32806	66158	2.25%	0.182%
14	6.718	679	686	692	rVV2	109305	196515	6.69%	0.539%
15	6.824	699	704	709	rVV	332610	488038	16.61%	1.339%
16	6.883	709	714	716	rVV	187002	276060	9.39%	0.758%
17	6.918	716	720	724	rVV	448566	780599	26.56%	2.142%
18	6.959	724	727	734	rVB2	238268	344511	11.72%	0.946%
19	7.123	749	755	761	rVB2	149579	230839	7.85%	0.634%
20	7.270	774	780	791	rVB	488156	785803	26.74%	2.157%
21	7.382	791	799	806	rBV	762328	1182907	40.25%	3.246%
22	7.635	838	842	849	rVB7	21104	45913	1.56%	0.126%
23	7.729	852	858	863	rBV	128229	236245	8.04%	0.648%
24	7.846	872	878	886	rVB	201162	325506	11.08%	0.893%
25	8.052	906	913	918	rBV	386568	616824	20.99%	1.693%
26	8.099	918	921	929	rVB	119338	186486	6.35%	0.512%
27	8.216	935	941	946	rBV2	102762	161977	5.51%	0.445%
28	8.275	946	951	956	rVB2	147209	233492	7.94%	0.641%
29	8.369	961	967	973	rVV2	313441	526825	17.93%	1.446%
30	8.528	989	994	1001	rVB	65803	107714	3.67%	0.296%
31	8.680	1015	1020	1024	rBV	121791	186521	6.35%	0.512%
32	8.727	1024	1028	1036	rVB	117944	179722	6.12%	0.493%
33	8.833	1040	1046	1050	rVV	294801	460717	15.68%	1.264%
34	8.886	1050	1055	1064	rVV2	300753	617481	21.01%	1.695%

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35	8.951	1064	1066	1076	rVB2	41198	59199	2.01%	0.162%
36	9.074	1080	1087	1094	rVB5	33852	78585	2.67%	0.216%
37	9.162	1094	1102	1109	rBV2	56799	120305	4.09%	0.330%
38	9.350	1128	1134	1139	rVV	149838	243180	8.27%	0.667%
39	9.409	1139	1144	1153	rVB	186601	307953	10.48%	0.845%
40	9.609	1171	1178	1182	rBV3	39971	68058	2.32%	0.187%
41	9.656	1182	1186	1190	rBV4	36172	52581	1.79%	0.144%
42	9.726	1190	1198	1201	rBV4	52692	104142	3.54%	0.286%
43	9.767	1201	1205	1210	rBV	81165	121154	4.12%	0.333%
44	9.879	1218	1224	1225	rBV3	45034	67514	2.30%	0.185%
45	9.920	1225	1231	1237	rVV3	194155	374461	12.74%	1.028%
46	9.985	1238	1242	1248	rVB3	56654	91597	3.12%	0.251%
47	10.073	1253	1257	1259	rVV3	27572	46762	1.59%	0.128%
48	10.096	1259	1261	1267	rVV3	36253	61047	2.08%	0.168%
49	10.220	1275	1282	1291	rVB	48932	88301	3.00%	0.242%
50	10.514	1322	1332	1336	rBV2	179038	404525	13.76%	1.110%
51	10.567	1336	1341	1348	rVV2	284038	511782	17.41%	1.405%
52	10.631	1348	1352	1356	rVV2	37110	53002	1.80%	0.145%
53	10.731	1364	1369	1374	rBV2	32247	44746	1.52%	0.123%
54	11.172	1440	1444	1448	rVB2	25155	39193	1.33%	0.108%
55	11.424	1482	1487	1496	rBV4	44145	92589	3.15%	0.254%
56	11.618	1515	1520	1526	rVB4	28047	51195	1.74%	0.141%
57	12.182	1610	1616	1623	rVB	199499	329240	11.20%	0.904%
58	12.400	1645	1653	1659	rBV2	99836	176196	6.00%	0.484%
59	12.987	1747	1753	1760	rVB	838598	1203118	40.94%	3.302%
60	13.528	1839	1845	1846	rBV2	25077	34515	1.17%	0.095%
61	13.686	1867	1872	1877	rBV3	33413	61254	2.08%	0.168%
62	13.827	1891	1896	1899	rBV	26530	38932	1.32%	0.107%
63	14.368	1976	1988	1996	rBV	284913	464399	15.80%	1.275%
64	14.773	2050	2057	2063	rVB2	29180	60097	2.04%	0.165%
65	15.420	2160	2167	2170	rBV2	39323	57477	1.96%	0.158%
66	15.731	2212	2220	2225	rVB4	37992	65690	2.24%	0.180%
67	15.860	2234	2242	2249	rBV	819545	1223670	41.64%	3.358%
68	16.272	2307	2312	2315	rBV4	23118	34083	1.16%	0.094%
69	16.930	2420	2424	2433	rVB3	26044	48540	1.65%	0.133%
70	17.112	2449	2455	2459	rBV	357731	537747	18.30%	1.476%
71	17.159	2459	2463	2469	rVB	262410	370839	12.62%	1.018%

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Integration Parameters: rteint.p

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72	17.241	2474	2477	2483	rVB	70841	93883	3.19%	0.258%
73	17.523	2520	2525	2528	rBV4	24898	44204	1.50%	0.121%
74	17.658	2545	2548	2551	rVB5	34372	38326	1.30%	0.105%
75	17.787	2564	2570	2574	rVB	610102	740708	25.20%	2.033%
76	18.017	2605	2609	2618	rVB2	145277	298112	10.14%	0.818%
77	18.181	2631	2637	2641	rBV3	55110	103907	3.54%	0.285%
78	18.493	2682	2690	2694	rBV4	31214	62713	2.13%	0.172%
79	18.933	2759	2765	2768	rBV	1586448	2096484	71.34%	5.754%
80	18.968	2768	2771	2781	rVV	2377798	2938878	100.00%	8.066%
81	19.051	2781	2785	2789	rVV7	29502	43884	1.49%	0.120%
82	19.098	2789	2793	2798	rVB	291107	342229	11.64%	0.939%
83	19.174	2799	2806	2812	rBV	362039	535660	18.23%	1.470%
84	19.233	2812	2816	2821	rVB3	70396	100404	3.42%	0.276%
85	19.297	2822	2827	2830	rBV7	61298	85815	2.92%	0.236%
86	19.538	2859	2868	2877	rBV	295087	534327	18.18%	1.466%
87	19.744	2895	2903	2913	rBV	1753450	2274951	77.41%	6.244%
88	20.038	2950	2953	2958	rVB4	46341	71868	2.45%	0.197%
89	20.132	2966	2969	2973	rVB2	48937	61144	2.08%	0.168%
90	20.196	2977	2980	2983	rVB2	48466	52652	1.79%	0.145%
91	20.549	3037	3040	3043	rBV4	50469	57228	1.95%	0.157%
92	20.984	3112	3114	3116	rVV2	37931	44455	1.51%	0.122%
93	21.013	3116	3119	3128	rVB9	85359	163070	5.55%	0.448%
94	21.213	3150	3153	3160	rVB	92907	121807	4.14%	0.334%
95	21.301	3161	3168	3171	rVV2	559534	917600	31.22%	2.518%
96	21.336	3171	3174	3181	rVB	154065	208117	7.08%	0.571%
97	21.448	3190	3193	3201	rBV7	53306	77960	2.65%	0.214%
98	21.642	3223	3226	3231	rVB	194386	213304	7.26%	0.585%
99	22.100	3298	3304	3309	rBV	2189945	2727366	92.80%	7.485%
100	23.569	3550	3554	3562	rVB	219905	380838	12.96%	1.045%

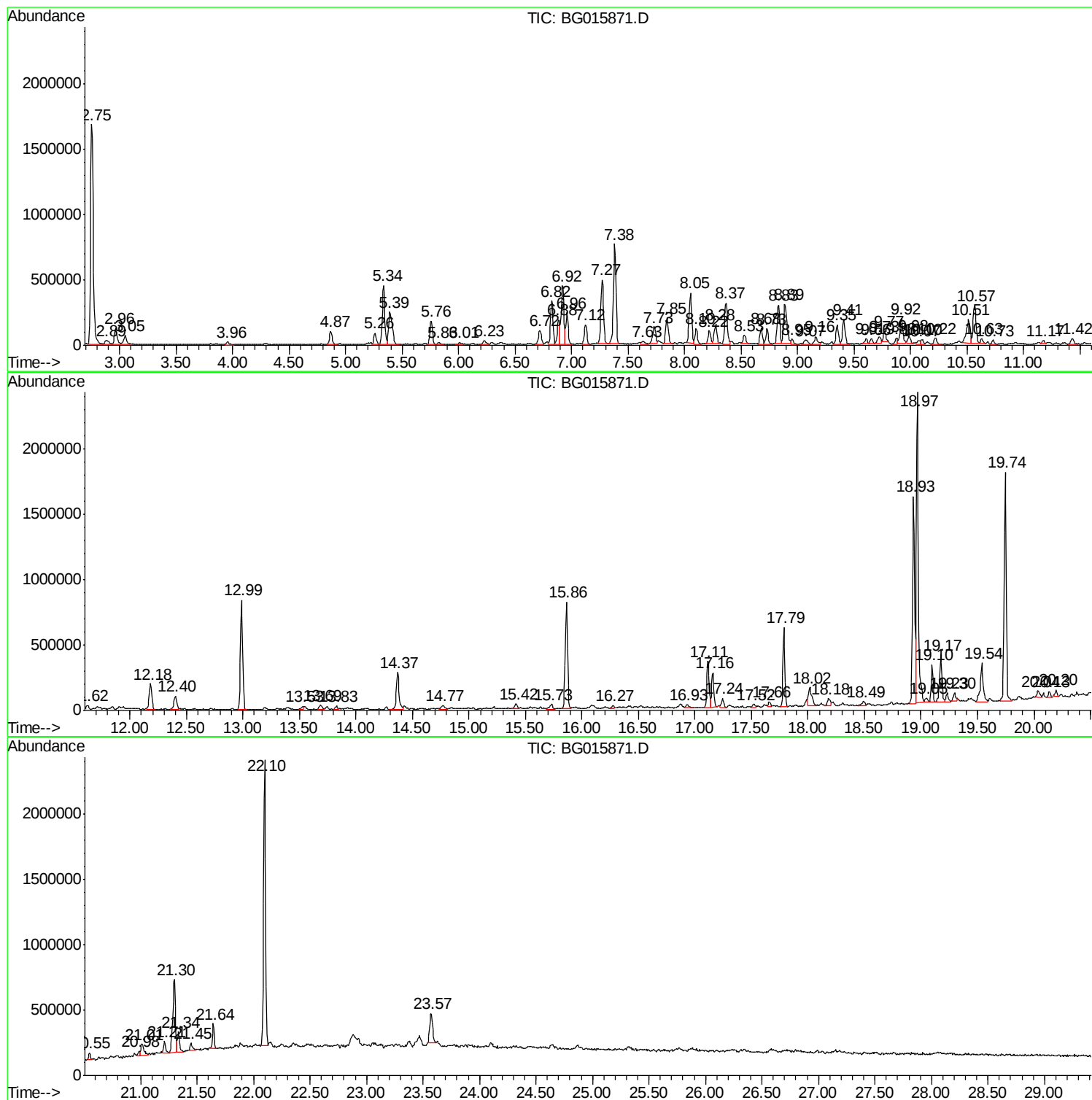
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Instrument :
BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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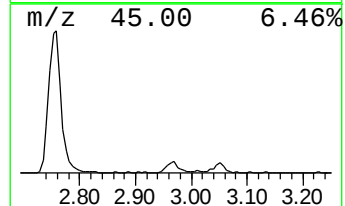
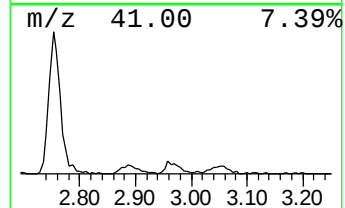
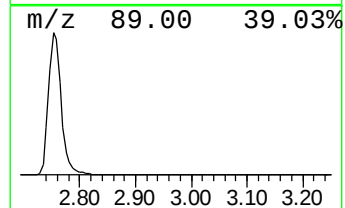
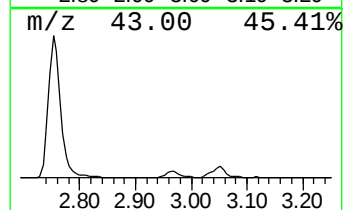
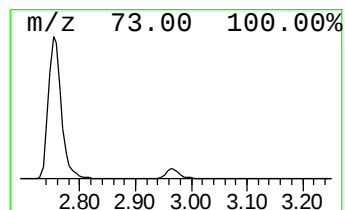
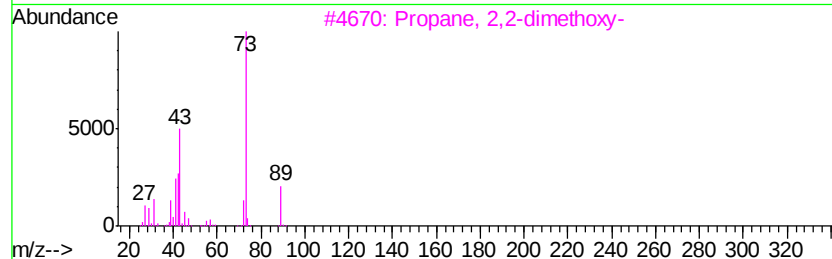
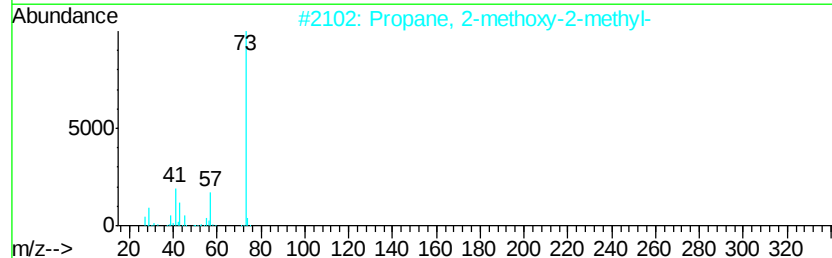
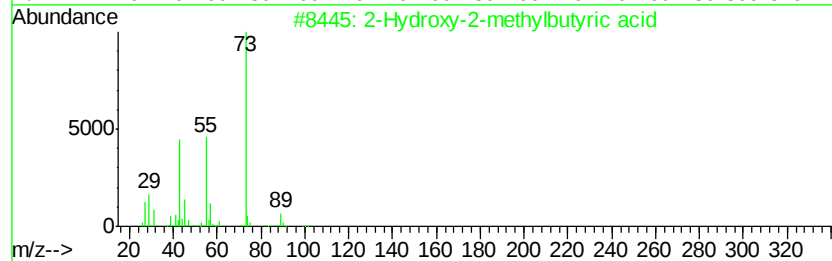
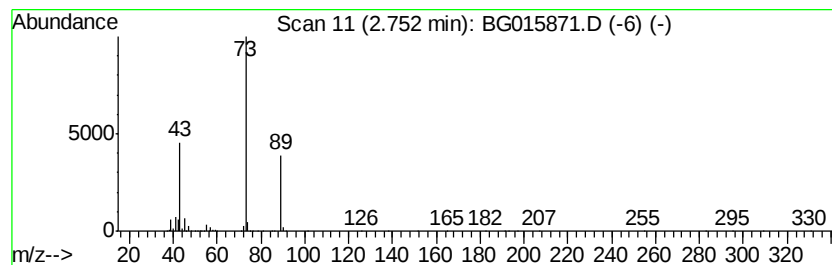
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	222.79 ng	2631670	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	7



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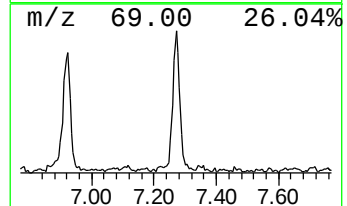
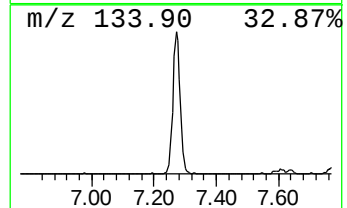
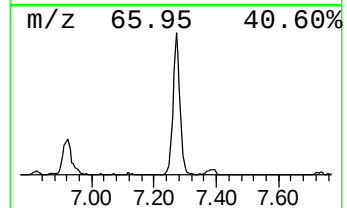
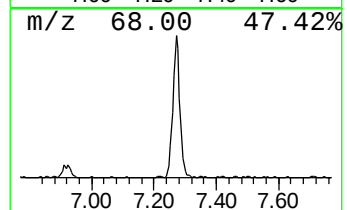
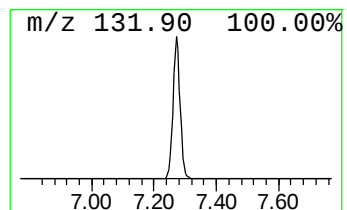
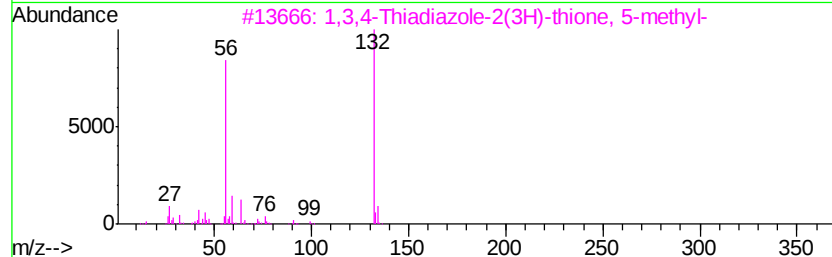
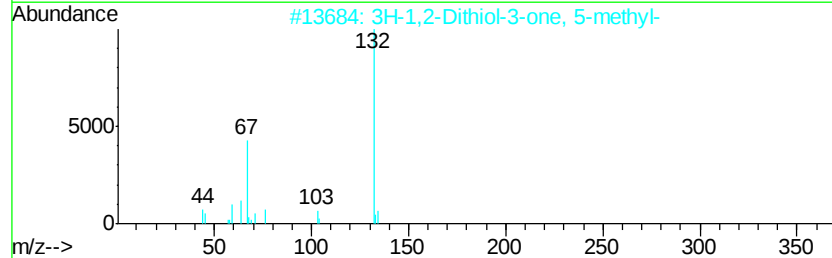
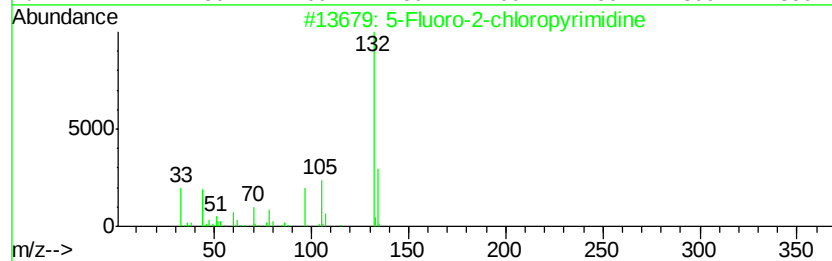
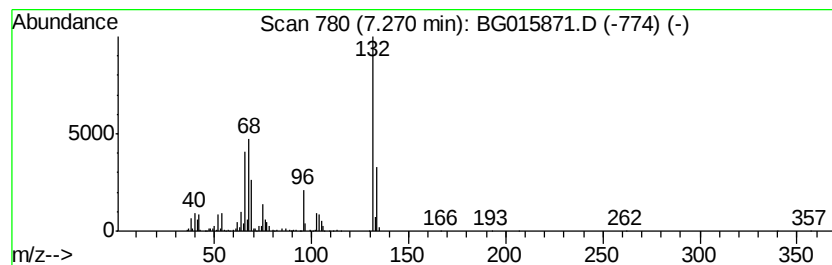
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	66.52 ng	785803	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



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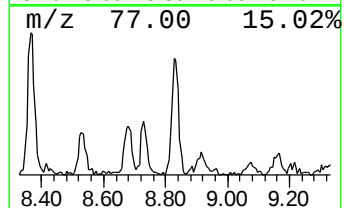
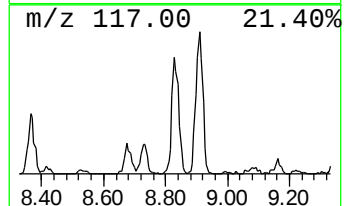
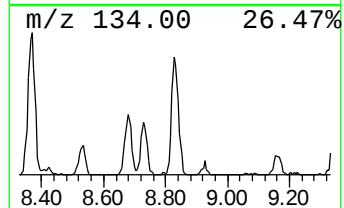
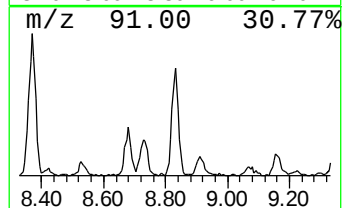
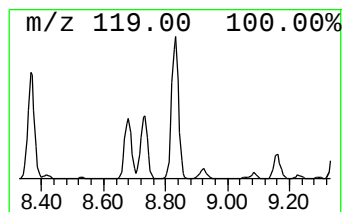
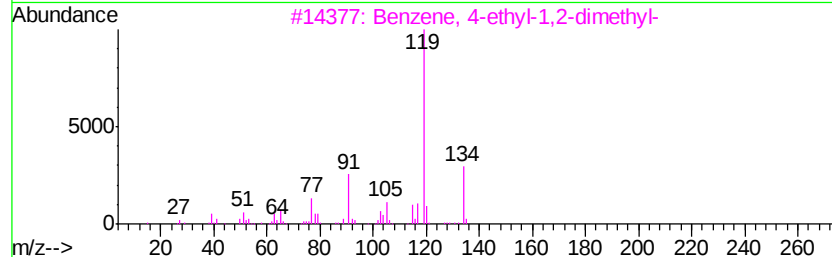
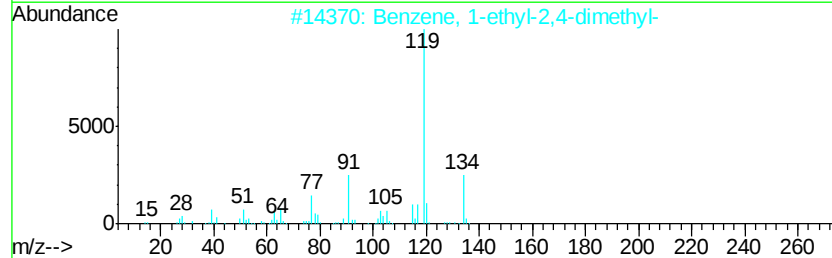
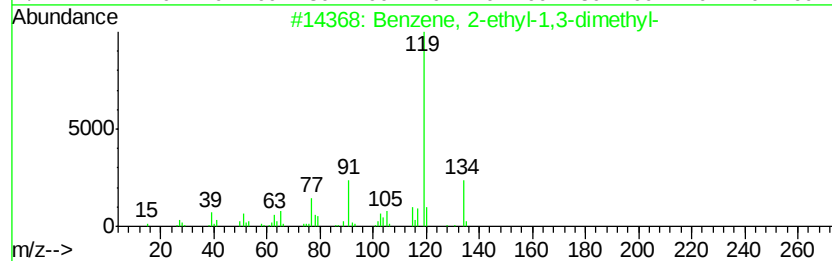
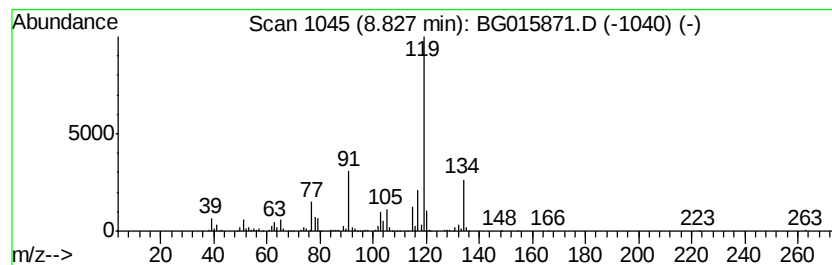
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	39.00 ng	460717	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015871.D
Acq On : 9 Jan 2015 16:03
Operator : TP/IZ
Sample : G1041-01
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAR9762

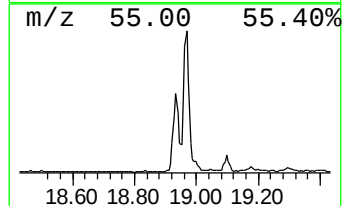
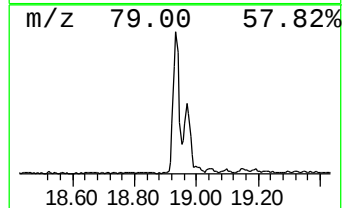
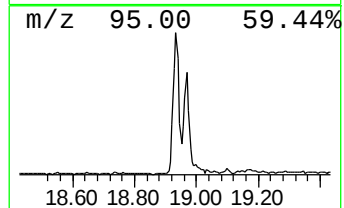
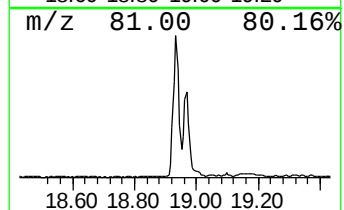
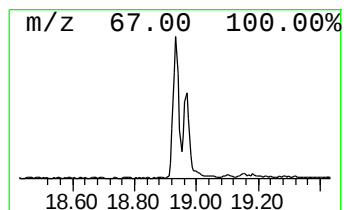
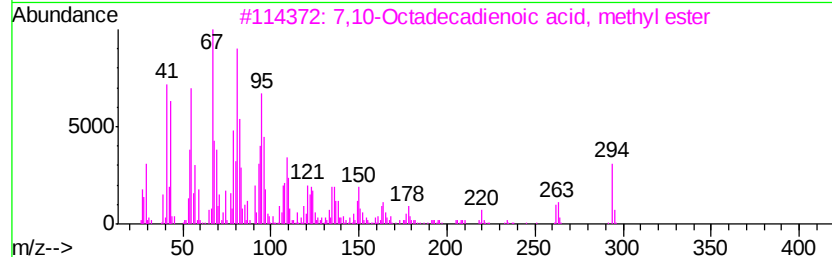
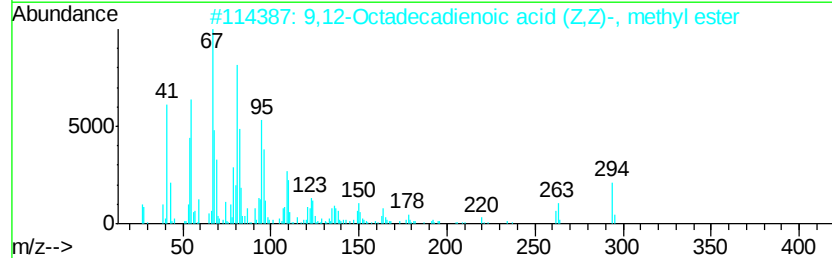
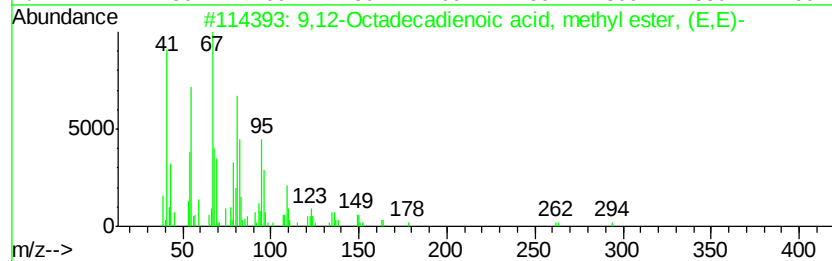
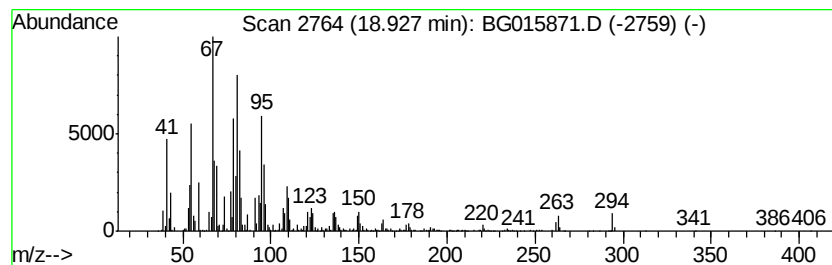
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	77.97 ng	2096480	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	93
3		7,10-Octadecadienoic acid, methy...	294	C19H34O2	056554-24-6	93
4		9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	92
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015871.D
Acq On : 9 Jan 2015 16:03
Operator : TP/IZ
Sample : G1041-01
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAR9762

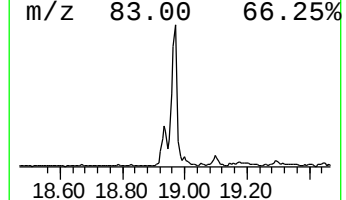
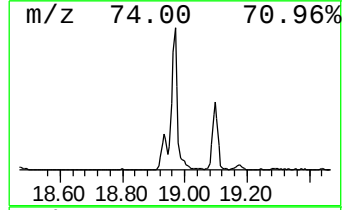
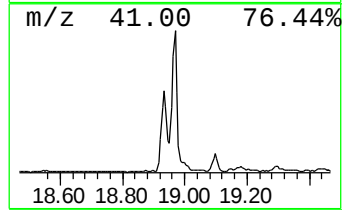
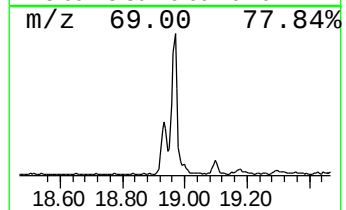
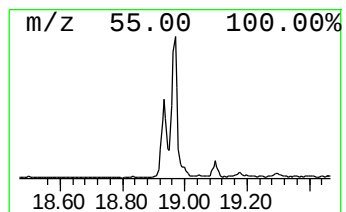
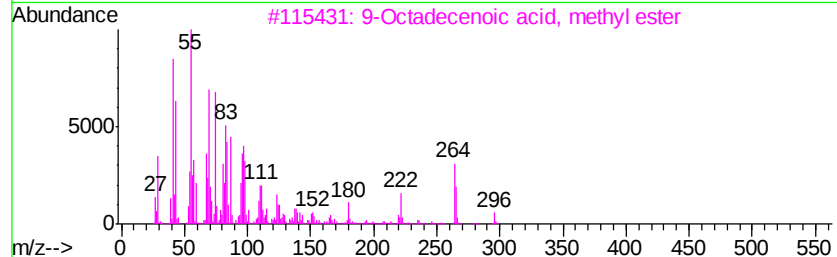
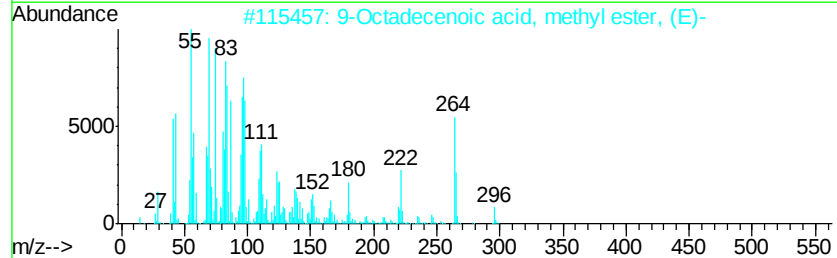
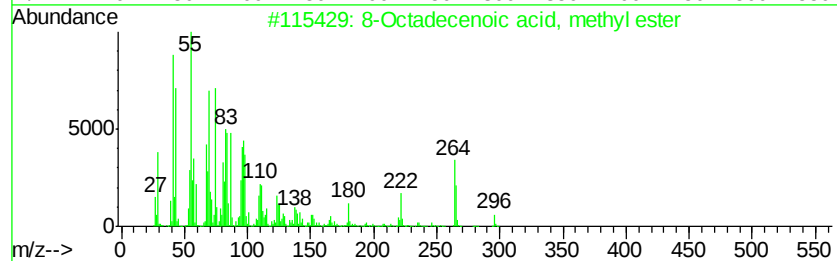
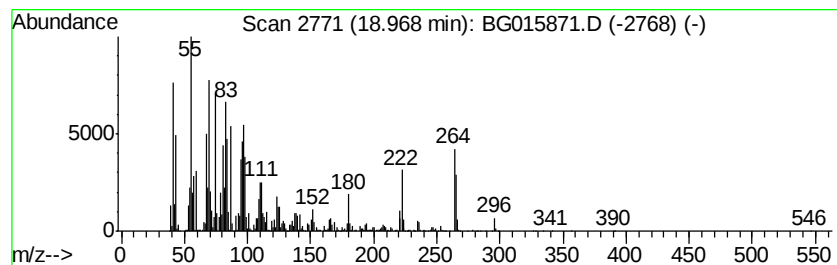
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	109.30 ng	2938880	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99
3		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
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Acq On : 9 Jan 2015 16:03
Operator : TP/IZ
Sample : G1041-01
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAR9762

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.75	2.75	222.8	ng	2631670	1	7.73	236245	20.0
unknown7.27	7.27	66.5	ng	785803	1	7.73	236245	20.0
Benzene, 2-ethyl-...	8.83	39.0	ng	460717	1	7.73	236245	20.0
9,12-Octadecadien...	18.93	78.0	ng	2096480	4	17.11	537747	20.0
8-Octadecenoic ac...	18.97	109.3	ng	2938880	4	17.11	537747	20.0