

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG021003.D
 Acq On : 20 Feb 2016 11:19
 Operator : SJ/UM
 Sample : H1507-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-17

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-BG021116.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	3.244	64	69	78	rBV	48072	86585	6.15%	0.236%
2	5.793	493	503	511	rBV	146167	232606	16.52%	0.634%
3	6.727	654	662	668	rBV	86785	171673	12.19%	0.468%
4	6.874	682	687	695	rVB5	32121	81421	5.78%	0.222%
5	7.221	738	746	761	rVB	95521	179208	12.73%	0.488%
6	7.397	770	776	790	rVV3	144335	314229	22.32%	0.856%
7	7.696	821	827	830	rVV5	26722	63274	4.49%	0.172%
8	7.738	830	834	837	rVV3	42567	87841	6.24%	0.239%
9	7.790	837	843	851	rVV	330574	644540	45.78%	1.756%
10	8.160	896	906	914	rBV3	61178	199247	14.15%	0.543%
11	8.260	919	923	928	rVB	64781	105210	7.47%	0.287%
12	8.437	948	953	958	rVB3	58144	101125	7.18%	0.275%
13	8.501	958	964	967	rBV2	33282	63524	4.51%	0.173%
14	8.542	967	971	973	rVV2	55404	81424	5.78%	0.222%
15	8.589	973	979	984	rVV	305330	575735	40.90%	1.568%
16	8.636	984	987	992	rVB	89963	137553	9.77%	0.375%
17	8.748	1001	1006	1011	rBV2	77495	115107	8.18%	0.314%
18	8.818	1011	1018	1027	rVB3	68196	156486	11.12%	0.426%
19	8.954	1035	1041	1045	rVB3	60904	112710	8.01%	0.307%
20	9.036	1050	1055	1062	rVB5	28266	66912	4.75%	0.182%
21	9.106	1062	1067	1072	rBV2	100793	222486	15.80%	0.606%
22	9.371	1101	1112	1117	rBV2	441605	917304	65.16%	2.499%
23	9.441	1117	1124	1125	rBV	246246	425383	30.22%	1.159%
24	9.529	1134	1139	1143	rVB4	43877	69575	4.94%	0.190%
25	9.617	1143	1154	1161	rBV9	102662	374849	26.63%	1.021%
26	9.723	1163	1172	1180	rVB7	93970	256895	18.25%	0.700%
27	9.823	1180	1189	1190	rBV6	51216	116992	8.31%	0.319%
28	9.893	1196	1201	1207	rVB	231494	384436	27.31%	1.047%
29	9.958	1208	1212	1215	rBV4	48614	76089	5.40%	0.207%
30	9.999	1215	1219	1228	rVB4	157004	327552	23.27%	0.892%
31	10.187	1249	1251	1256	rVB	88684	120113	8.53%	0.327%
32	10.264	1257	1264	1272	rBV5	285211	610157	43.34%	1.662%
33	10.481	1294	1301	1307	rBV2	542336	1034130	73.46%	2.817%
34	10.657	1325	1331	1339	rBV7	95200	255330	18.14%	0.696%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.786	1346	1353	1359	rBV2	137033	360878	25.63%	0.983%
36	10.857	1360	1365	1369	rBV5	69601	125603	8.92%	0.342%
37	10.968	1381	1384	1387	rBV	39524	60385	4.29%	0.165%
38	11.057	1391	1399	1402	rBV6	176925	436867	31.03%	1.190%
39	11.092	1402	1405	1412	rVB5	124512	229850	16.33%	0.626%
40	11.221	1418	1427	1433	rVB3	242677	665552	47.28%	1.813%
41	11.292	1434	1439	1446	rBV4	164113	335333	23.82%	0.914%
42	11.444	1459	1465	1470	rBV6	105682	231797	16.47%	0.631%
43	11.503	1471	1475	1479	rVV3	102769	171318	12.17%	0.467%
44	11.574	1479	1487	1491	rVB2	220723	507734	36.07%	1.383%
45	11.767	1513	1520	1529	rVB9	189284	536191	38.09%	1.461%
46	11.908	1539	1544	1549	rBV6	94310	194123	13.79%	0.529%
47	11.973	1550	1555	1564	rVB4	228275	608992	43.26%	1.659%
48	12.079	1568	1573	1577	rVV	608071	909292	64.59%	2.477%
49	12.126	1577	1581	1585	rVV	217951	364516	25.89%	0.993%
50	12.173	1585	1589	1596	rVB4	217993	406201	28.85%	1.107%
51	12.261	1600	1604	1611	rVB2	308641	515111	36.59%	1.403%
52	12.349	1616	1619	1623	rVB3	150780	194782	13.84%	0.531%
53	12.613	1660	1664	1669	rVB3	231881	349982	24.86%	0.953%
54	12.936	1717	1719	1722	rVB2	86188	89956	6.39%	0.245%
55	13.160	1753	1757	1764	rVB3	164931	301559	21.42%	0.822%
56	13.400	1793	1798	1807	rBV	794204	1235830	87.79%	3.367%
57	13.506	1811	1816	1821	rVB	837544	1295028	91.99%	3.528%
58	13.671	1840	1844	1855	rVB6	213406	599152	42.56%	1.632%
59	14.041	1903	1907	1909	rBV2	146520	240091	17.05%	0.654%
60	14.199	1930	1934	1939	rVB	366482	579649	41.17%	1.579%
61	14.252	1940	1943	1947	rVV2	182580	255069	18.12%	0.695%
62	14.305	1948	1952	1954	rVV	250853	375006	26.64%	1.022%
63	14.334	1954	1957	1962	rVB2	736278	983827	69.88%	2.680%
64	14.622	2000	2006	2010	rBV4	120321	276937	19.67%	0.754%
65	14.705	2017	2020	2025	rVB2	228924	315613	22.42%	0.860%
66	14.816	2036	2039	2042	rBV3	128141	191424	13.60%	0.521%
67	15.462	2143	2149	2156	rBV2	282141	588007	41.77%	1.602%
68	16.091	2252	2256	2260	rVB	152408	220953	15.70%	0.602%
69	16.355	2296	2301	2311	rVB3	630695	992061	70.47%	2.703%
70	16.567	2334	2337	2349	rVB	241129	414715	29.46%	1.130%
71	16.902	2391	2394	2399	rVB4	52343	76946	5.47%	0.210%

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72	17.090	2423	2426	2434	rVB	76026	109633	7.79%	0.299%
73	17.219	2446	2448	2453	rVB	52068	62462	4.44%	0.170%
74	17.389	2473	2477	2482	rVB3	84356	117327	8.33%	0.320%
75	17.536	2499	2502	2508	rVB	90985	136455	9.69%	0.372%
76	17.612	2510	2515	2519	rVV2	210531	318625	22.63%	0.868%
77	18.041	2584	2588	2592	rBV2	144394	210661	14.96%	0.574%
78	18.100	2595	2598	2601	rVB	139846	150020	10.66%	0.409%
79	18.282	2625	2629	2637	rVB	498530	661213	46.97%	1.801%
80	18.452	2653	2658	2661	rBV	216579	339949	24.15%	0.926%
81	18.552	2671	2675	2680	rVB2	178434	235061	16.70%	0.640%
82	18.605	2680	2684	2689	rBV	538586	795341	56.50%	2.167%
83	18.676	2693	2696	2708	rVB2	188251	310206	22.03%	0.845%
84	18.787	2709	2715	2722	rBV4	435704	818301	58.13%	2.229%
85	18.893	2726	2733	2735	rVV4	223930	461964	32.81%	1.259%
86	18.934	2735	2740	2744	rVV2	713083	1243431	88.33%	3.387%
87	18.975	2744	2747	2750	rVB2	119476	148523	10.55%	0.405%
88	19.022	2750	2755	2758	rBV2	161422	237328	16.86%	0.647%
89	19.058	2758	2761	2765	rBV2	168381	212036	15.06%	0.578%
90	19.204	2778	2786	2790	rBV3	181133	336469	23.90%	0.917%
91	19.322	2800	2806	2814	rVB	690798	1263512	89.75%	3.442%
92	19.475	2828	2832	2837	rVB	248085	337458	23.97%	0.919%
93	19.686	2864	2868	2872	rVV	214443	262905	18.68%	0.716%
94	19.774	2880	2883	2889	rVB2	72986	95066	6.75%	0.259%
95	20.150	2942	2947	2950	rBV	385103	498705	35.42%	1.359%
96	20.191	2950	2954	2959	rVB	1148559	1407789	100.00%	3.835%
97	20.403	2987	2990	2996	rVB	84951	115440	8.20%	0.314%
98	21.490	3172	3175	3182	rVB2	59553	89029	6.32%	0.243%
99	21.889	3238	3243	3250	rVB	210473	355174	25.23%	0.968%
100	25.261	3807	3817	3828	rVB	127061	372654	26.47%	1.015%

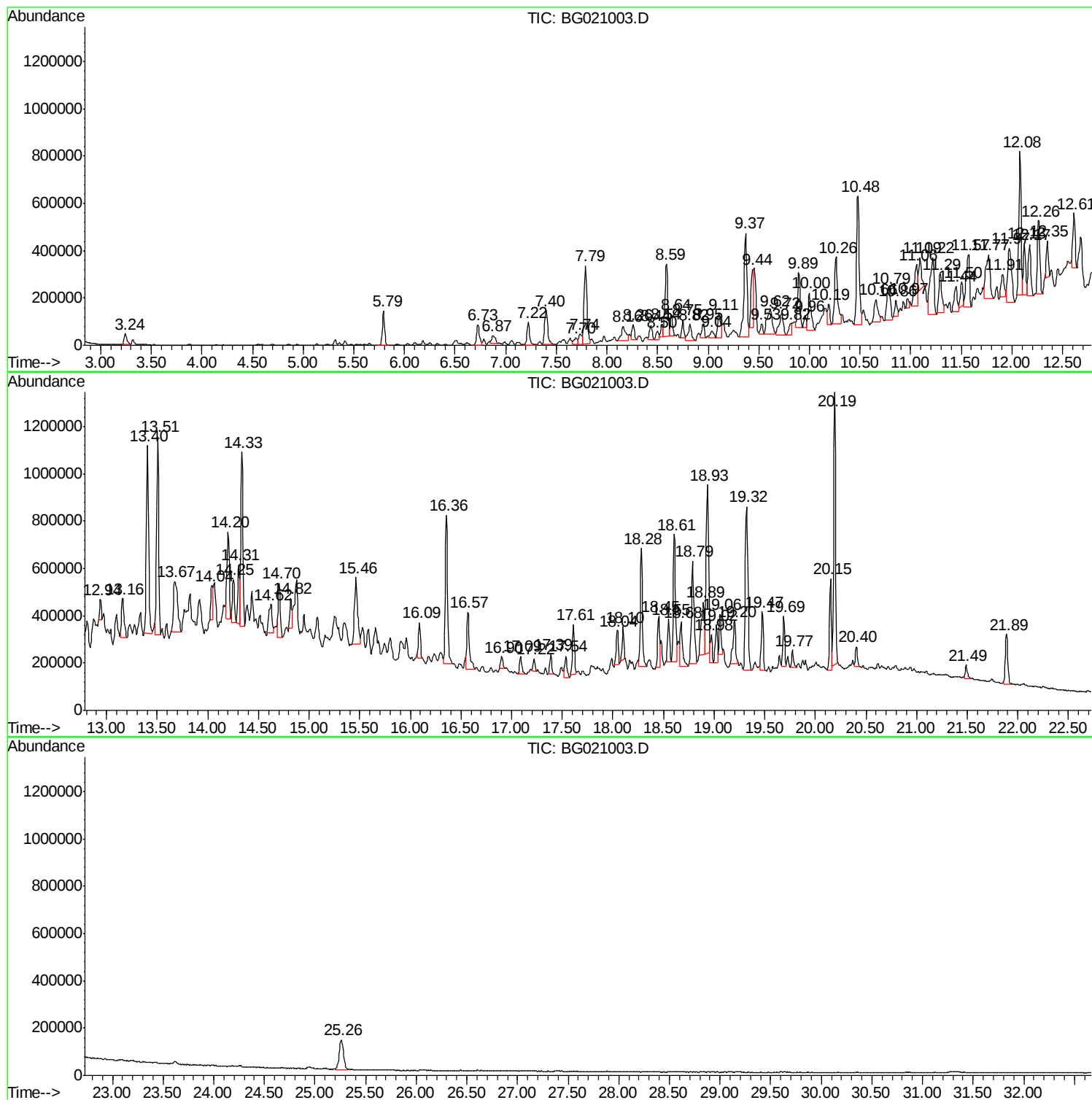
Sum of corrected areas: 36706768

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Instrument :
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ClientSampled :
HW-17

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.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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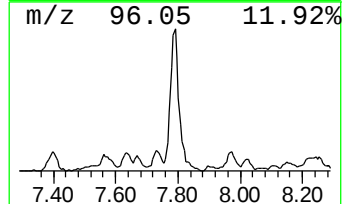
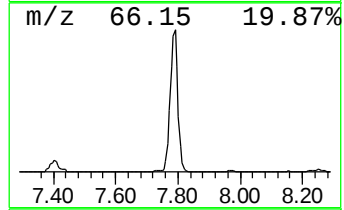
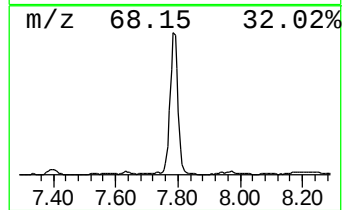
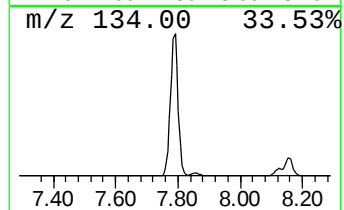
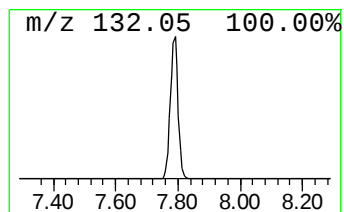
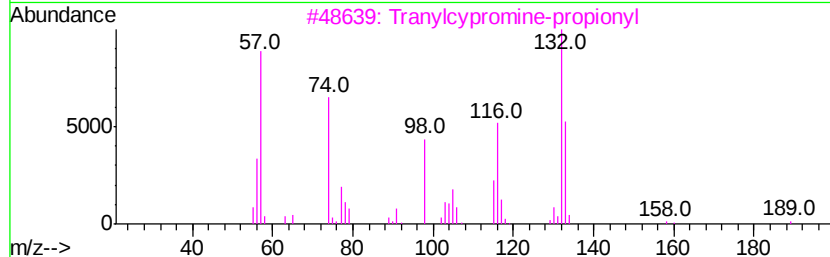
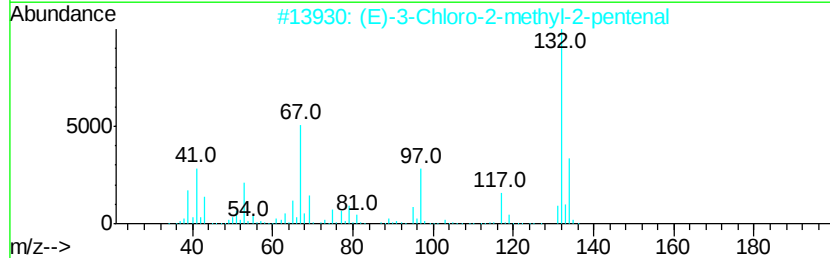
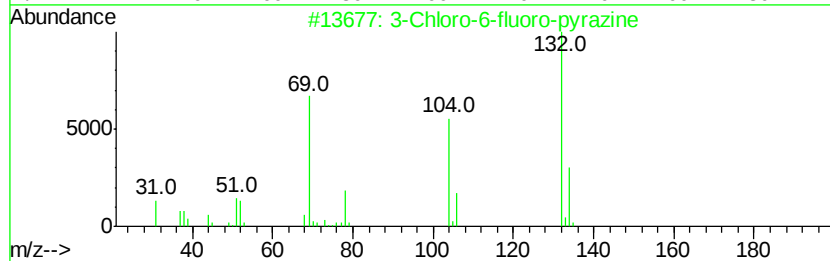
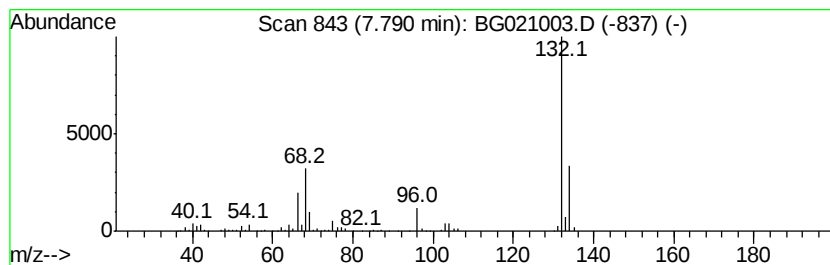
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	122.52 ng	644540	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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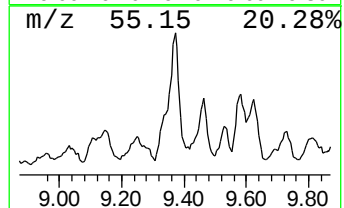
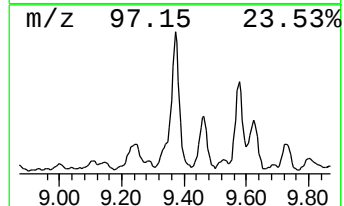
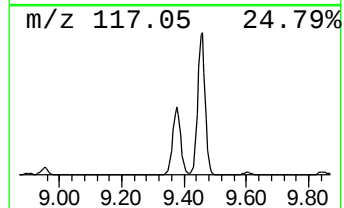
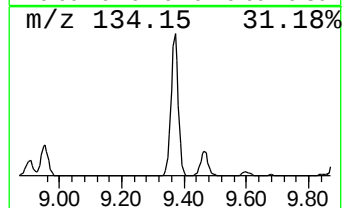
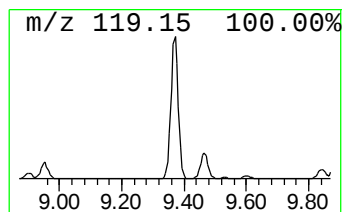
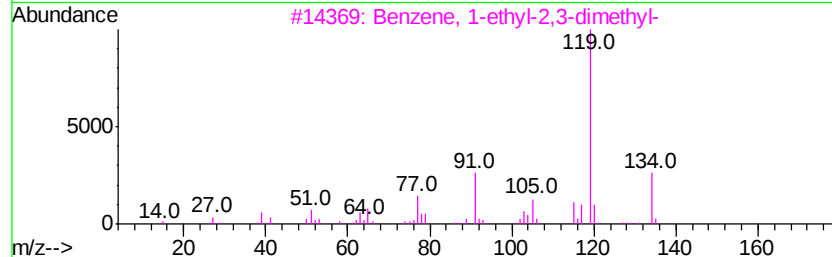
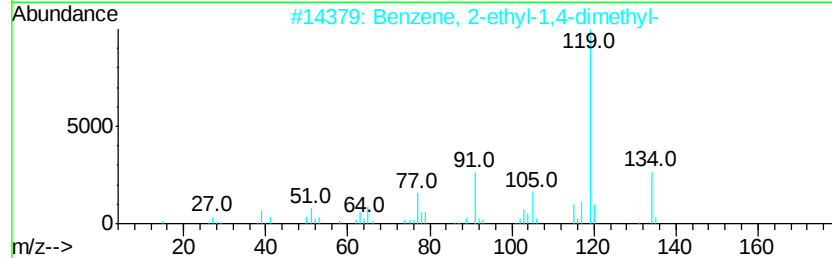
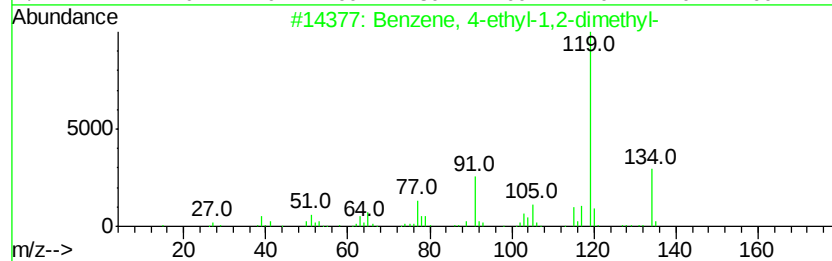
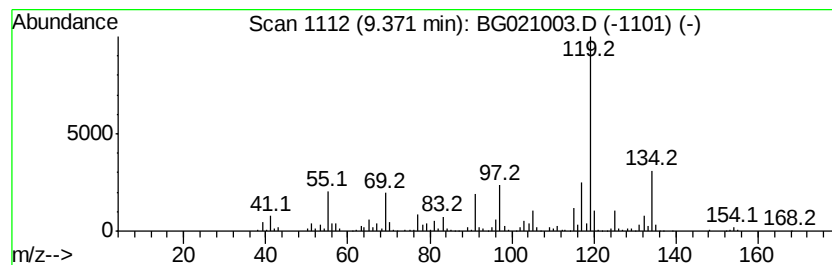
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	174.38 ng	917304	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70



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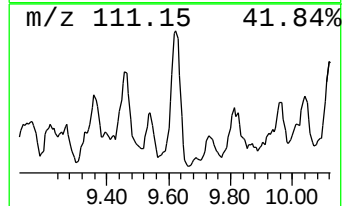
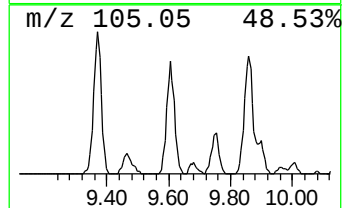
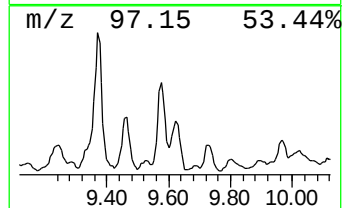
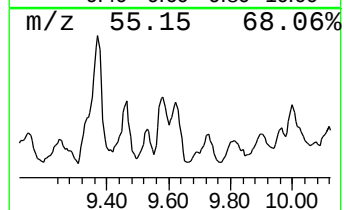
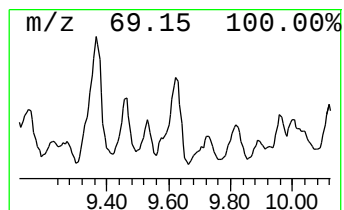
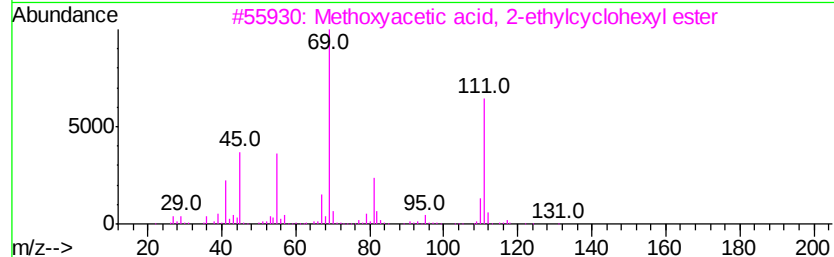
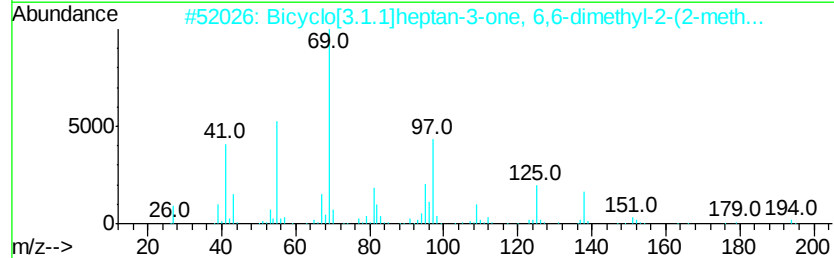
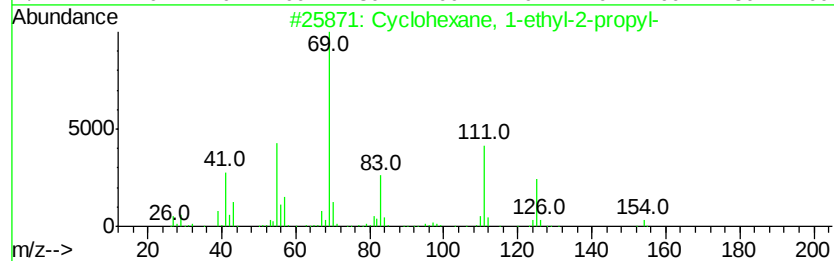
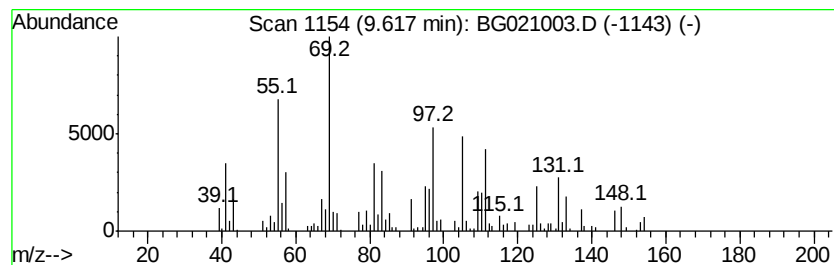
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1-ethyl-2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	71.26 ng	374849	1,4-Dichlorobenzene-d4	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	50
2		Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	47
3		Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	35
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
5		1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021003.D
Acq On : 20 Feb 2016 11:19
Operator : SJ/UM
Sample : H1507-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId :
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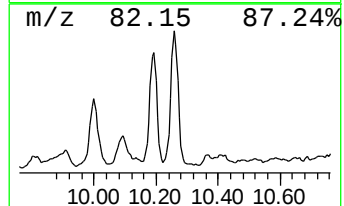
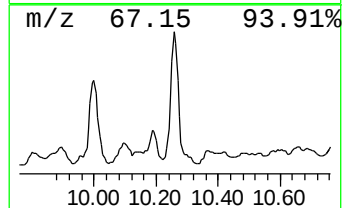
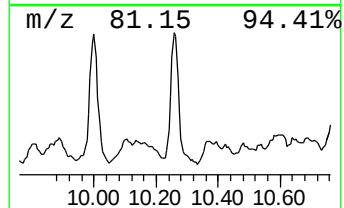
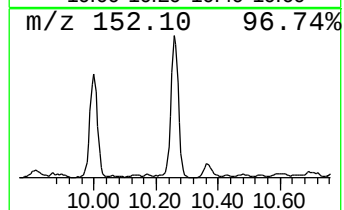
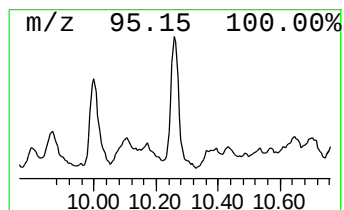
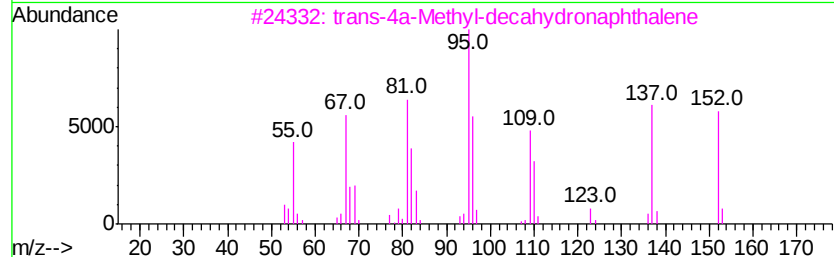
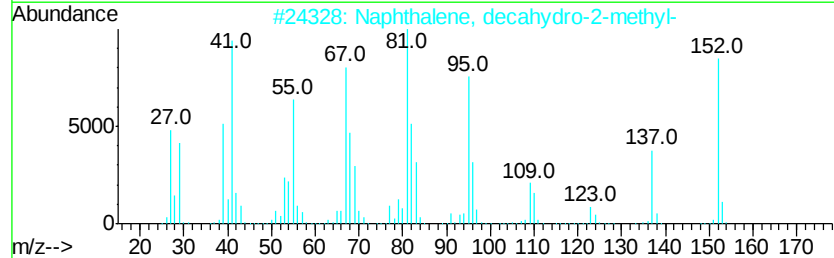
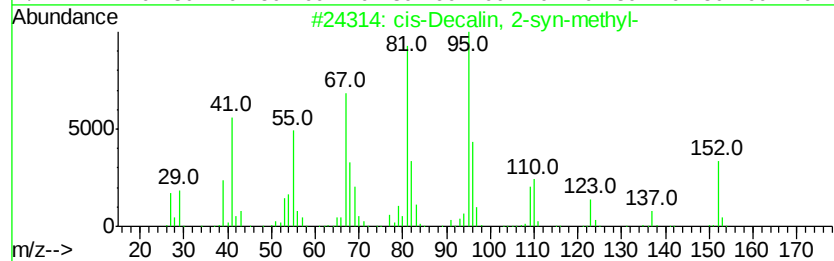
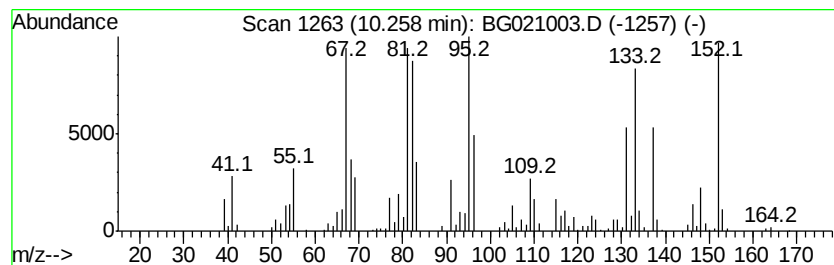
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 cis-Decalin, 2-syn-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	53.09 ng	610157	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	50
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	49
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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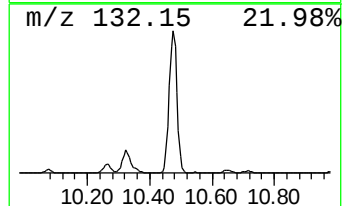
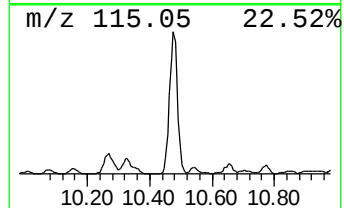
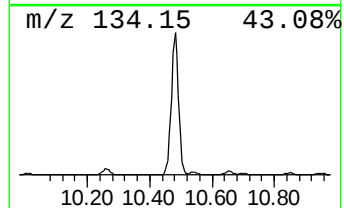
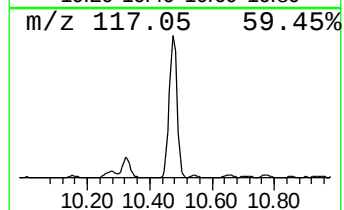
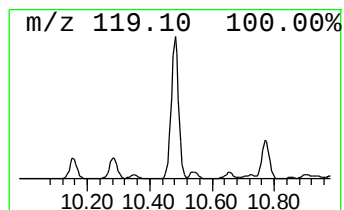
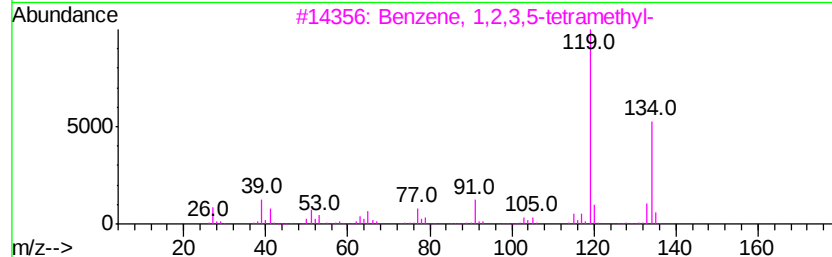
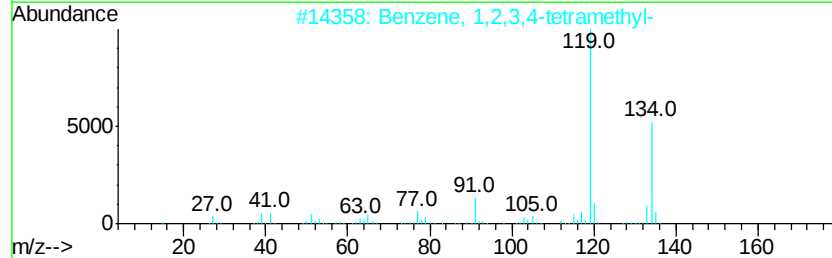
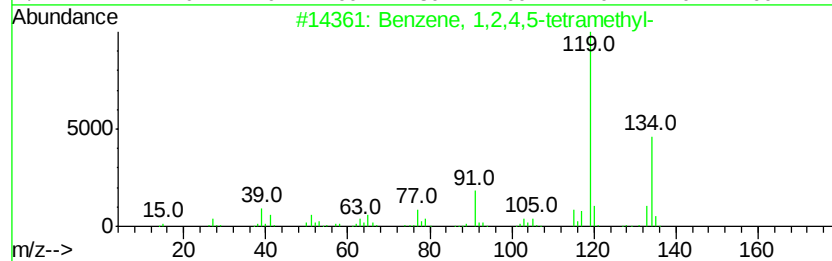
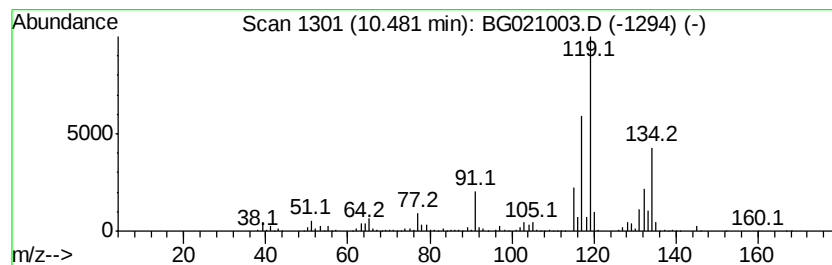
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	89.98 ng	1034130	Naphthalene-d8	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60



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ClientSampleId :
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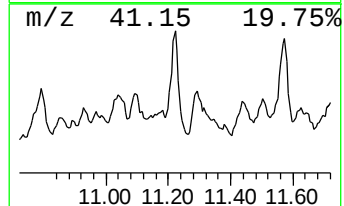
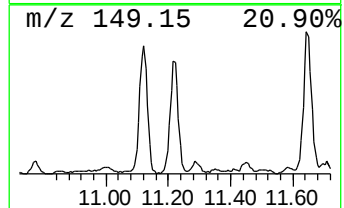
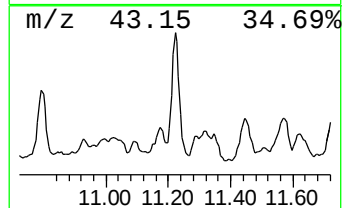
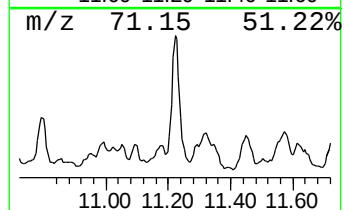
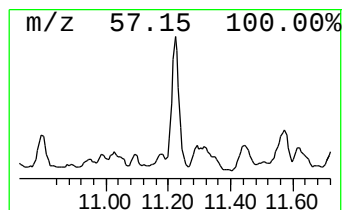
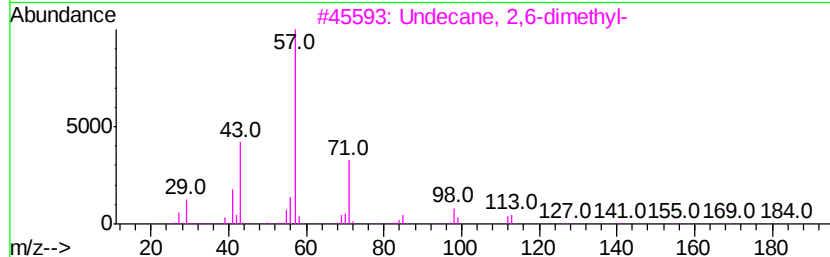
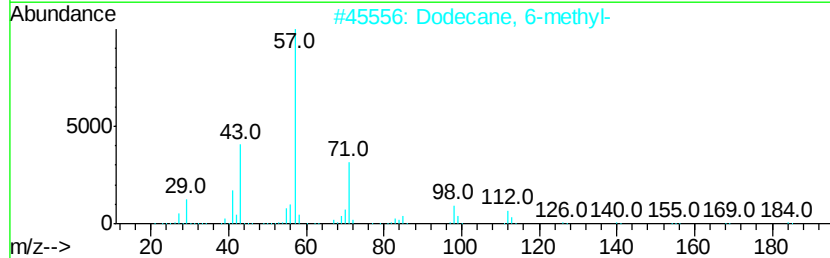
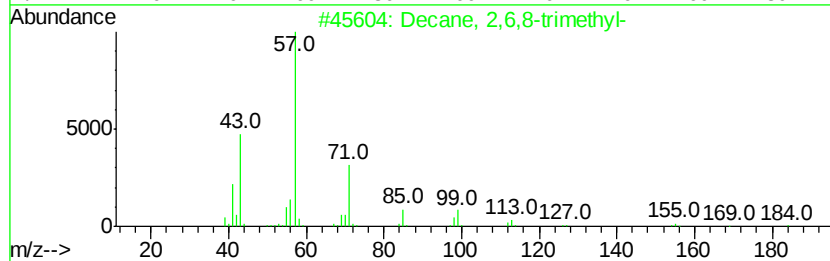
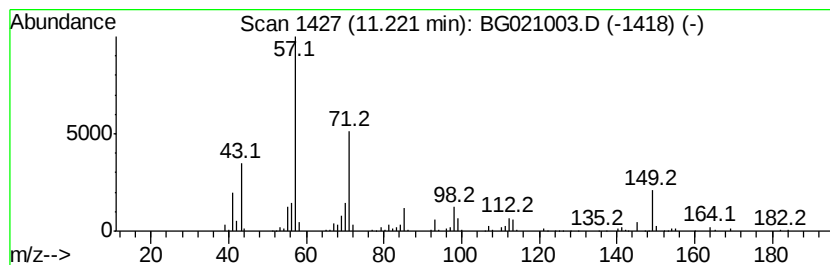
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,6,8-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	57.91 ng	665552	Napthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	55
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
5		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Misc :
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Instrument :
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ClientSampleId :
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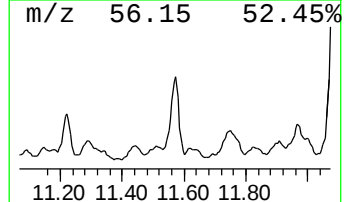
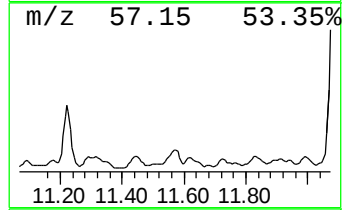
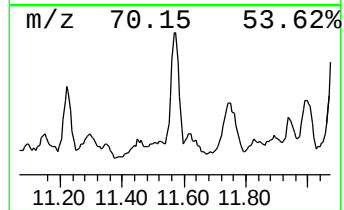
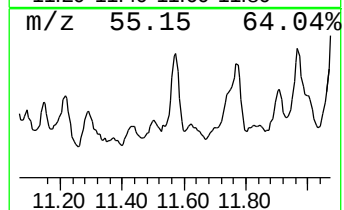
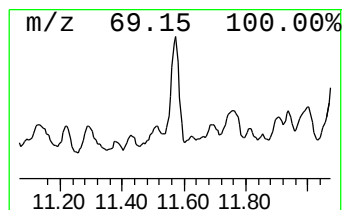
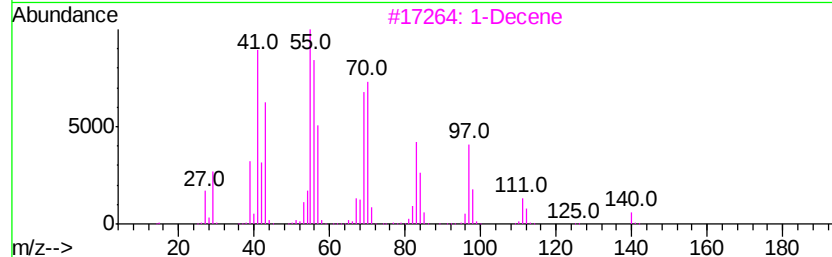
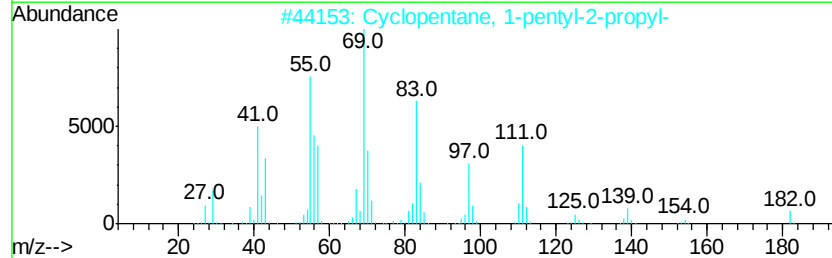
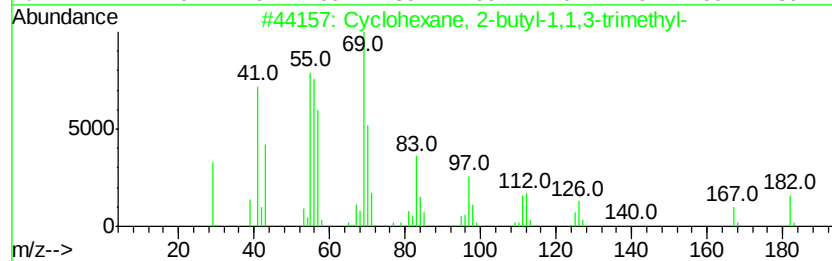
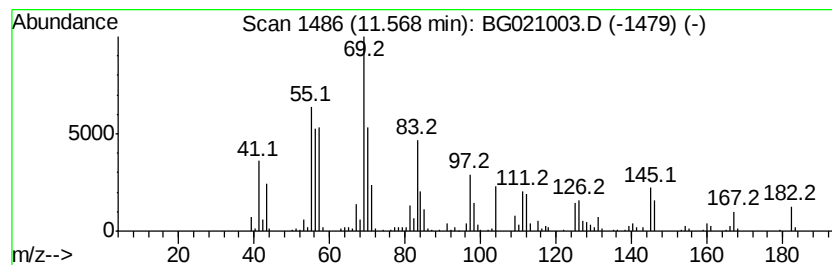
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	44.18 ng	507734	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2		Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	62
3		1-Decene	140	C10H20	000872-05-9	50
4		6-Tridecene	182	C13H26	024949-38-0	50
5		2-Dodecene, (Z)-	168	C12H24	007206-26-0	49



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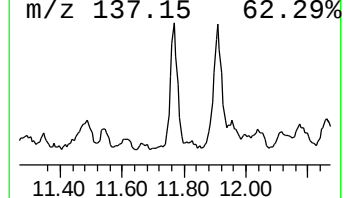
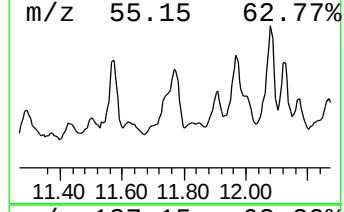
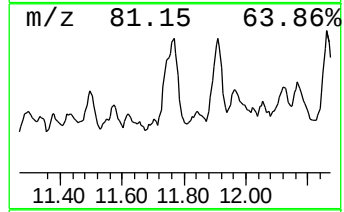
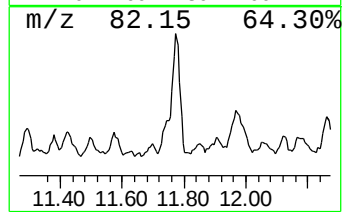
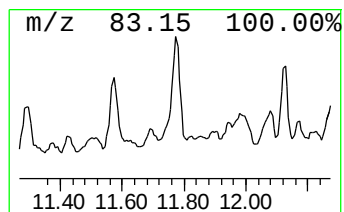
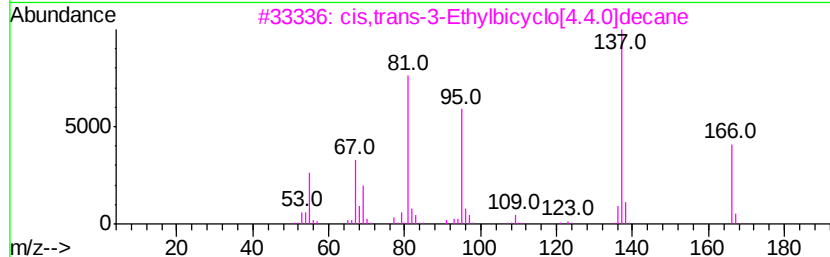
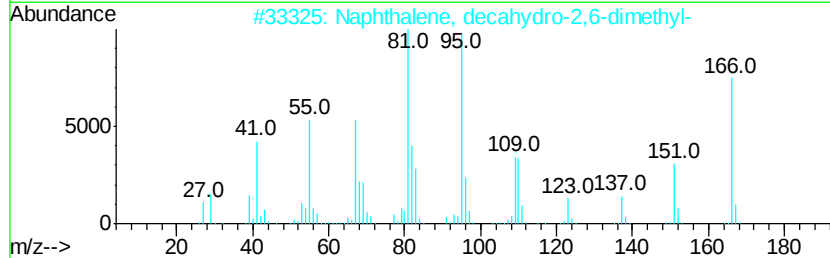
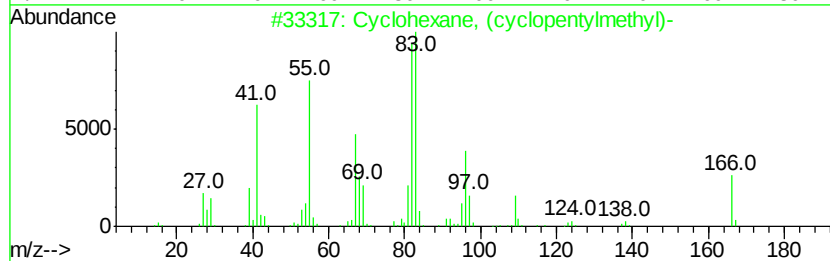
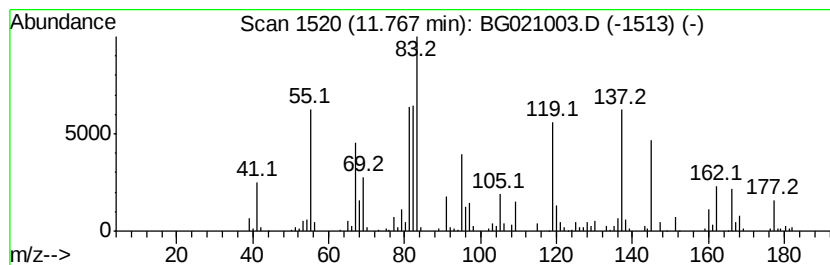
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	46.66 ng	536191	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	43
2		Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	38
3		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	30
4		Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	30
5		Cyclohexanemethanol	114	C7H14O	000100-49-2	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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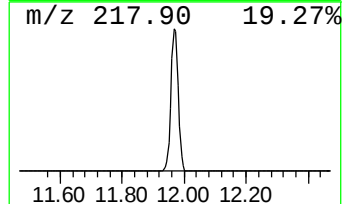
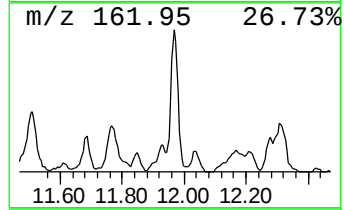
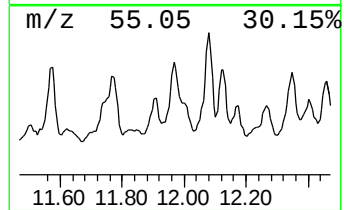
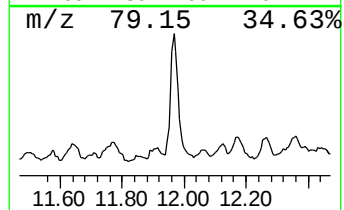
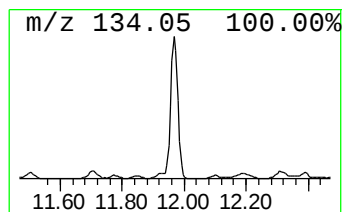
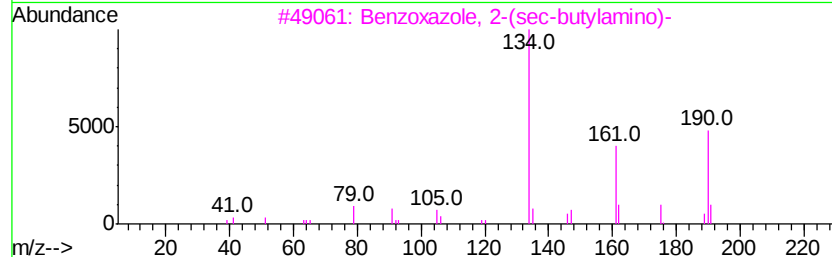
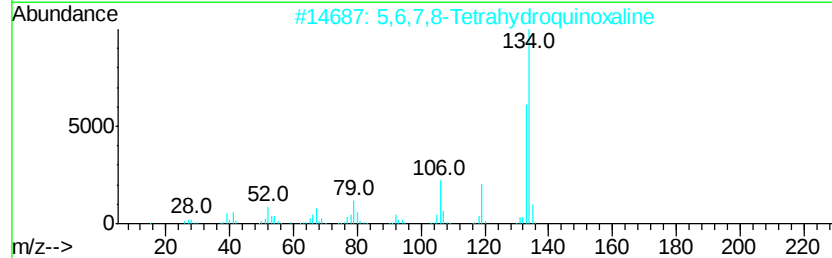
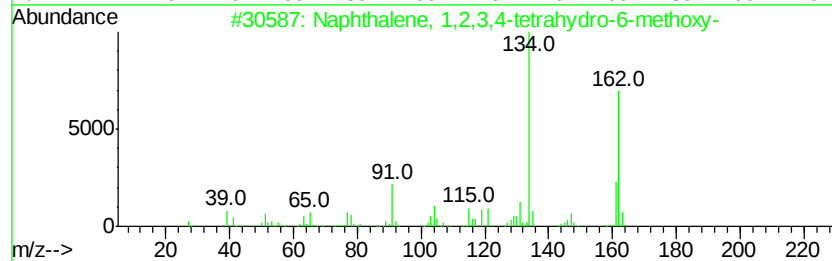
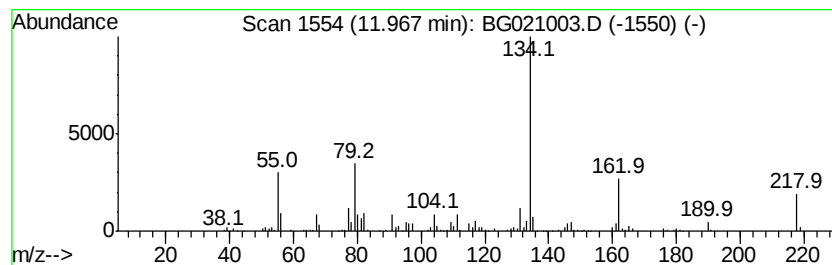
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown11.97 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	52.99 ng	608992	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001730-48-9	47
2		5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	38
3		Benzoxazole, 2-(sec-butylamino)-	190	C11H14N2O	028291-82-9	37
4		Pphosphonic acid, 2-methylenecycl...	190	C8H15O3P	1000157-98-6	37
5		Propanoic acid, 3-amino-3-(4-eth...	193	C11H15NO2	117391-52-3	37



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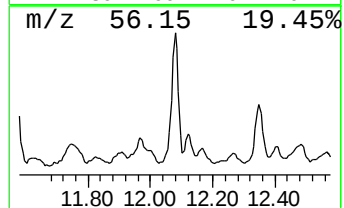
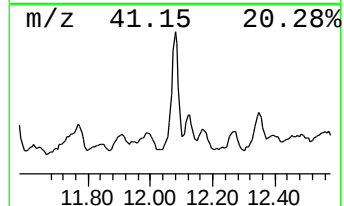
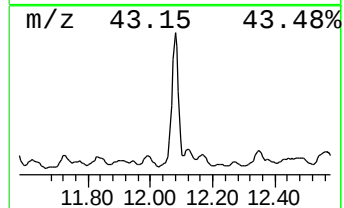
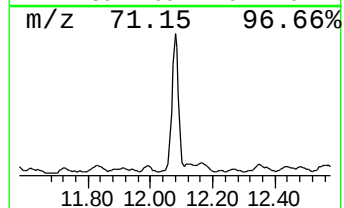
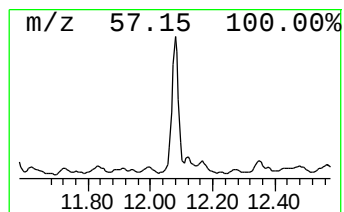
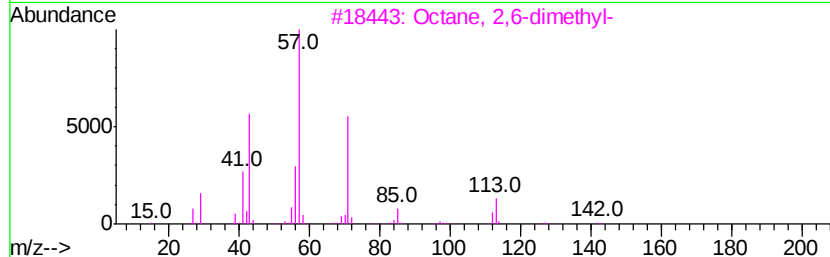
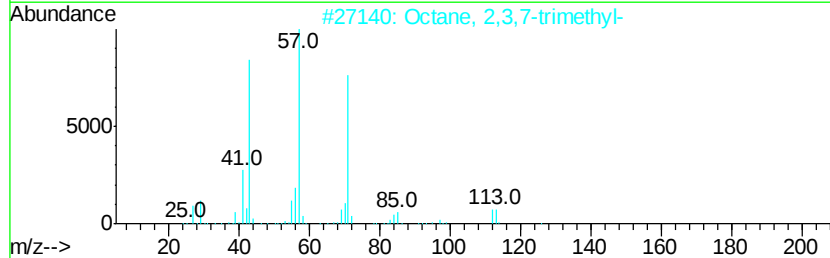
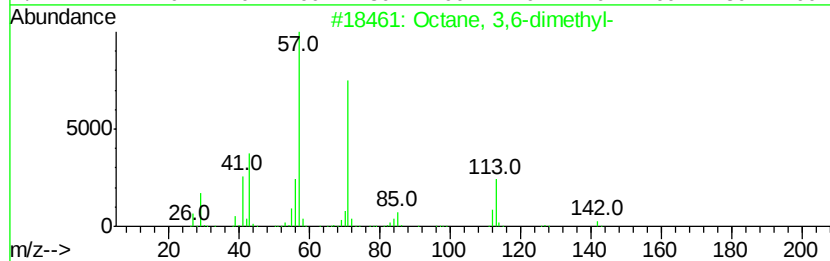
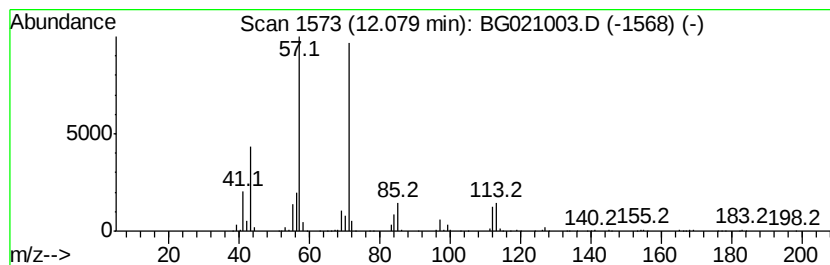
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	79.12 ng	909292	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021003.D
Acq On : 20 Feb 2016 11:19
Operator : SJ/UM
Sample : H1507-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
HW-17

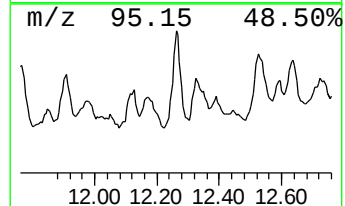
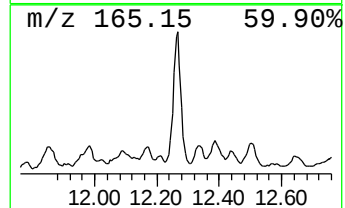
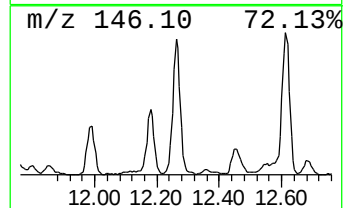
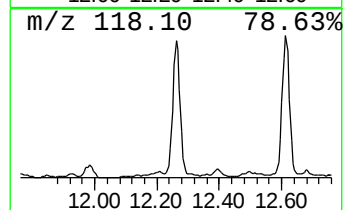
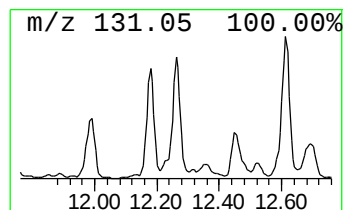
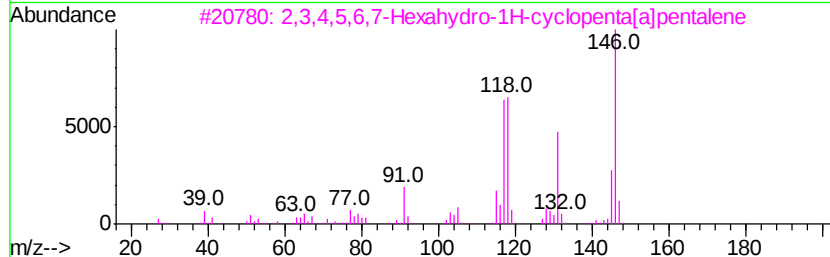
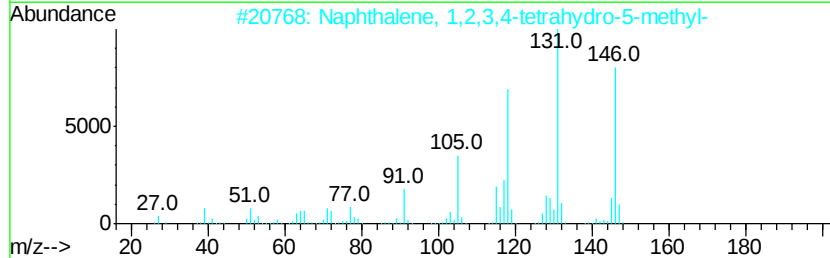
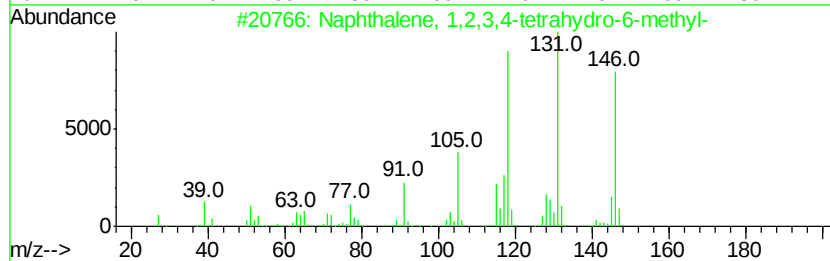
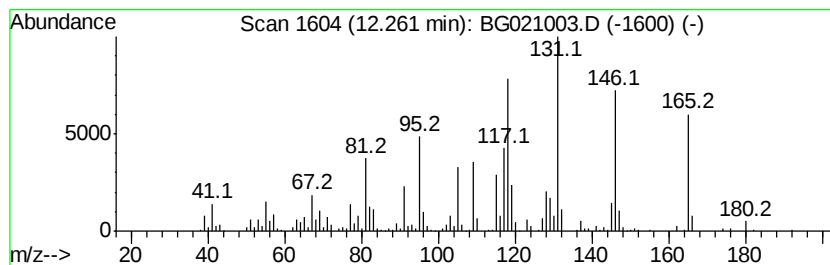
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	44.82 ng	515111	Naphthalene-d8	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	53
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	51
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Sample : H1507-03
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ClientSampleId :
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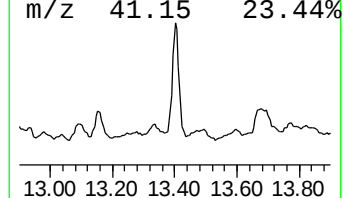
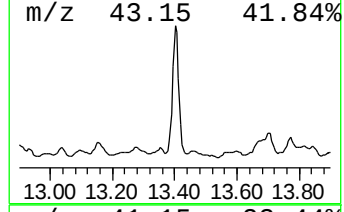
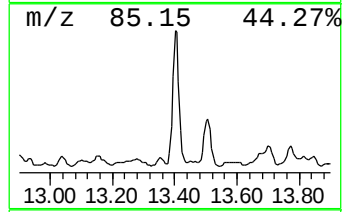
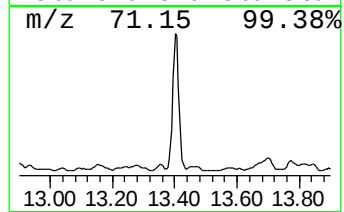
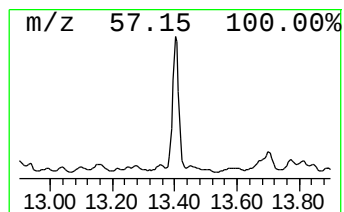
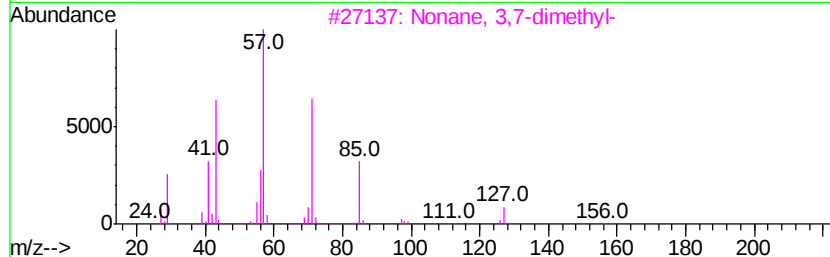
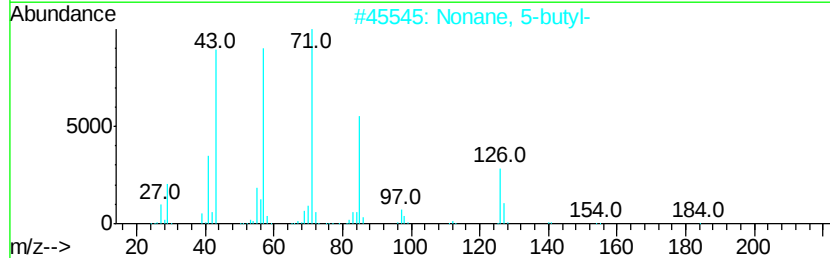
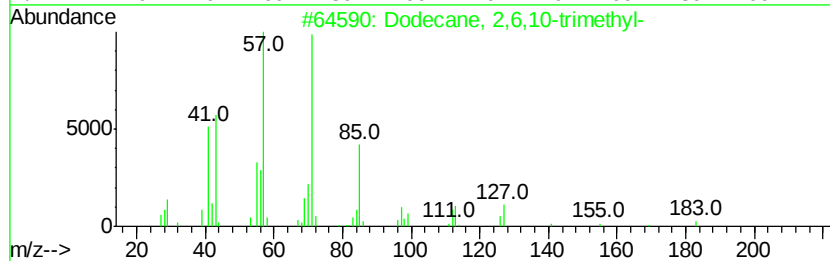
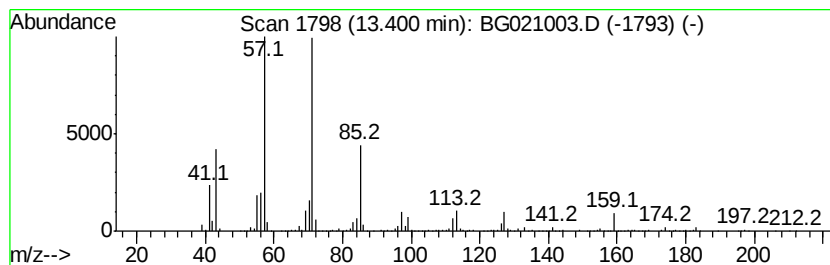
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	129.12 ng	1235830	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	81
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	53



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Sample : H1507-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampled :
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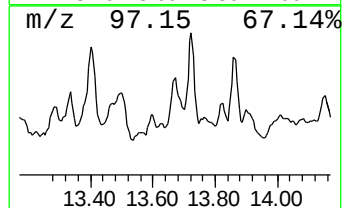
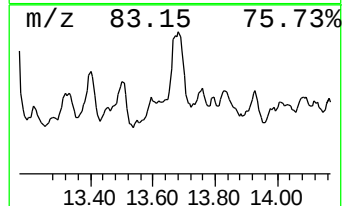
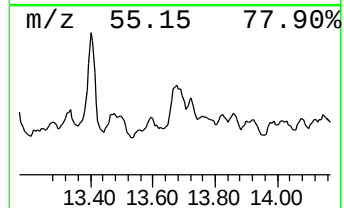
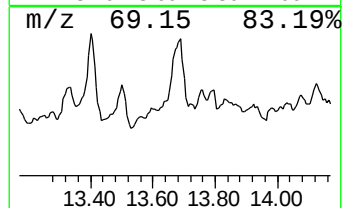
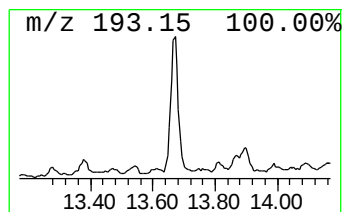
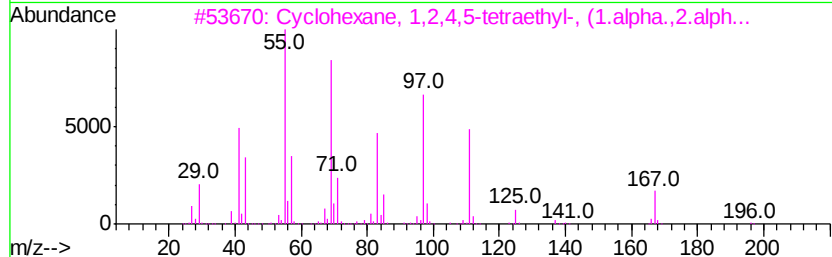
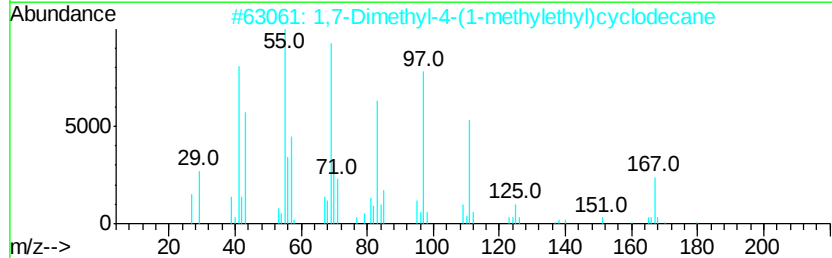
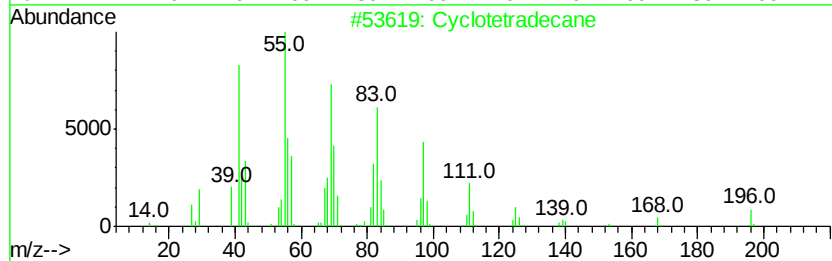
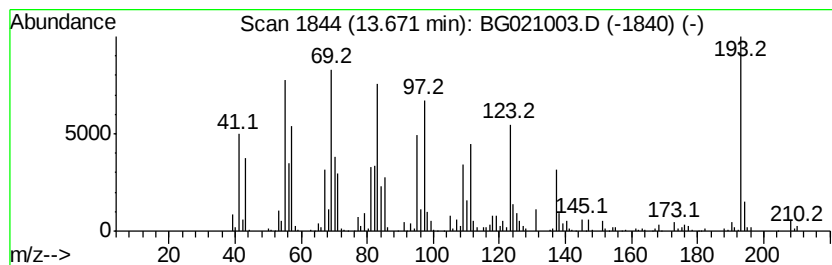
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.67 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	62.60 ng	599152	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	35
2		1,7-Dimethyl-4-(1-methylethyl)cyclodecane	210	C15H30	000645-10-3	35
3		Cyclohexane, 1,2,4,5-tetraethyl-	196	C14H28	061142-24-3	27
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	18
5		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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ClientSampleId :
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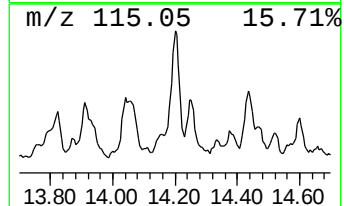
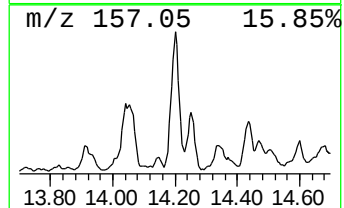
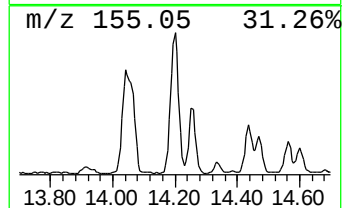
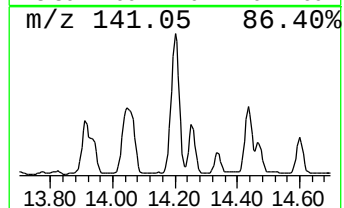
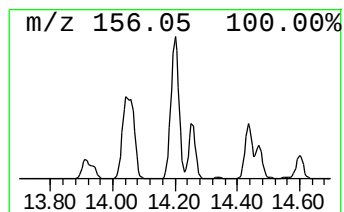
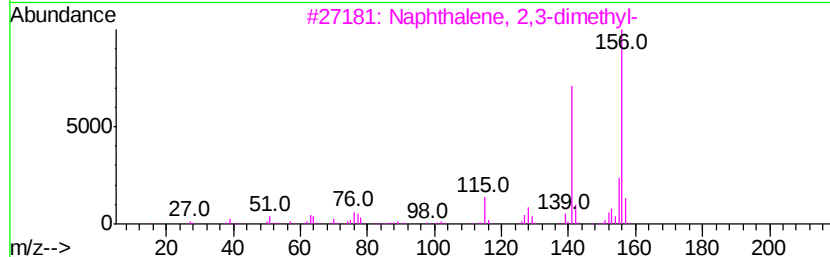
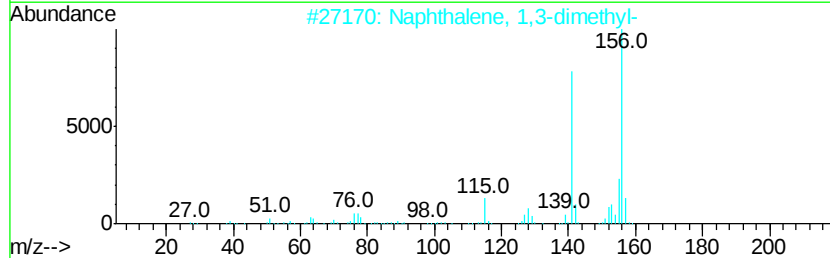
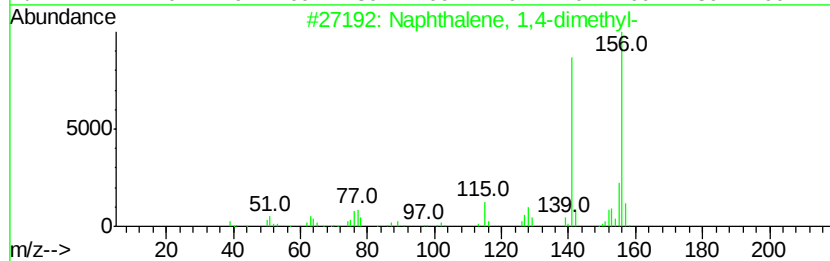
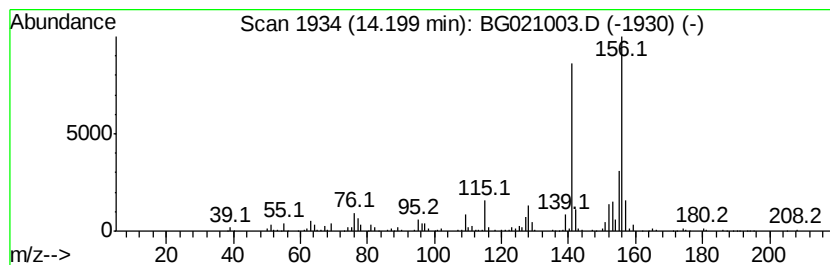
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	60.56 ng	579649	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
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Sample : H1507-03
Misc :
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Instrument :
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ClientSampleId :
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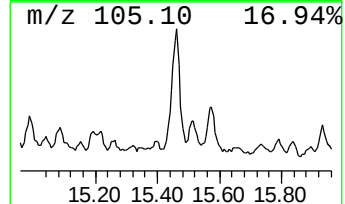
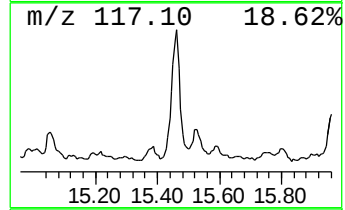
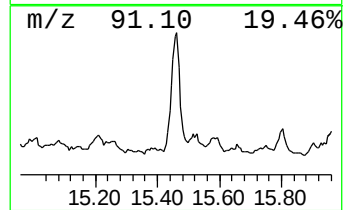
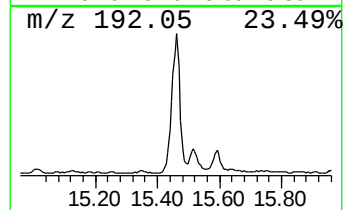
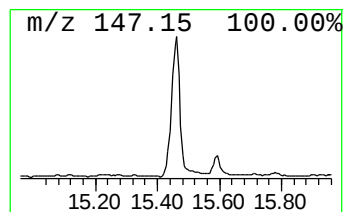
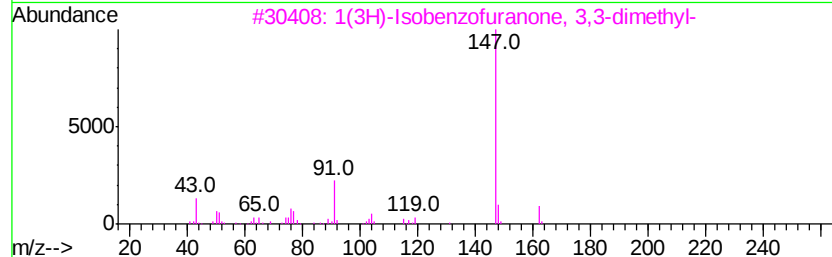
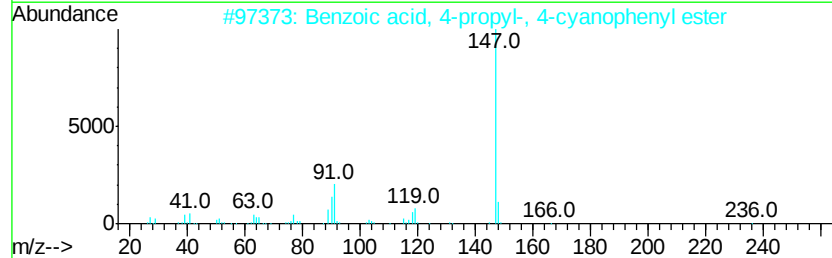
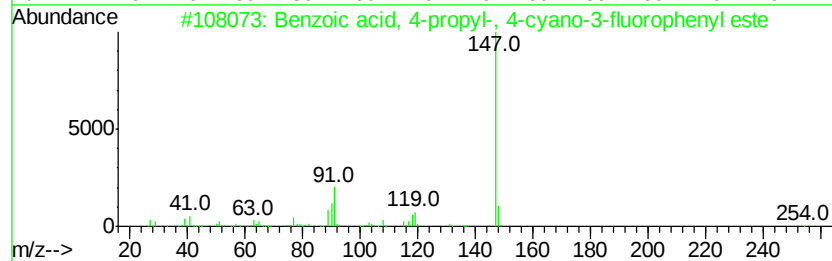
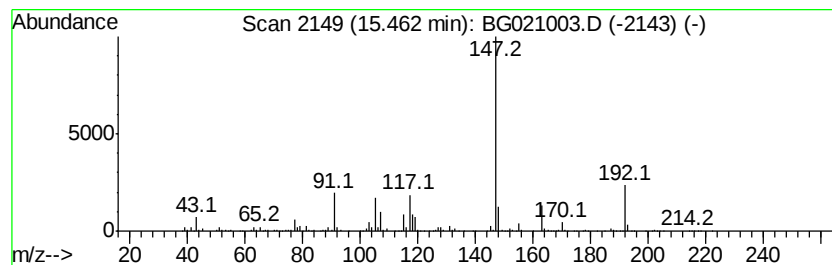
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzoic acid, 4-propyl-, 4-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	61.44 ng	588007	Acenaphthene-d10	14.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FN02	086776-51-4	50
2		Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15N02	056131-49-8	50
3		1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	47
4		2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	47
5		Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	40



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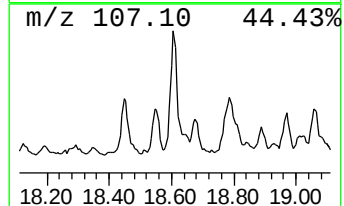
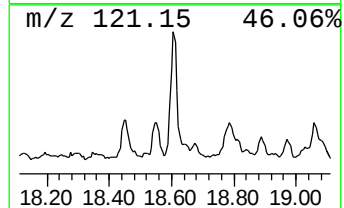
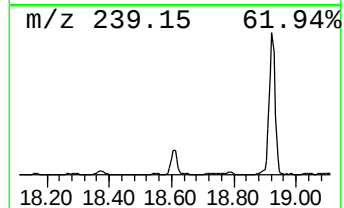
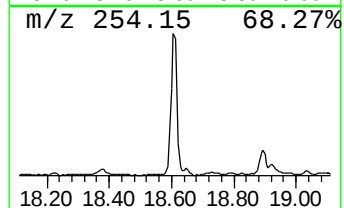
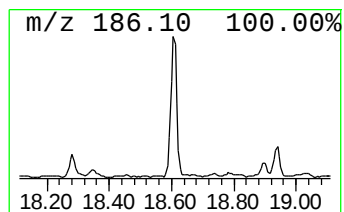
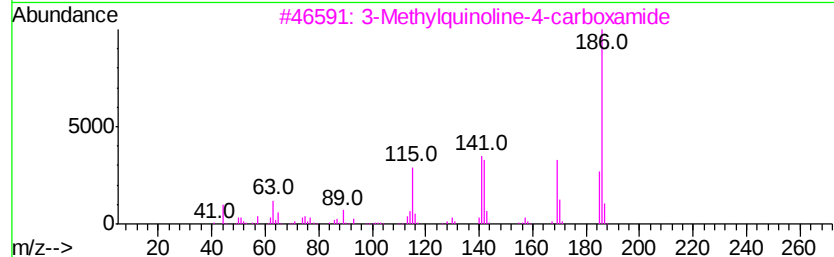
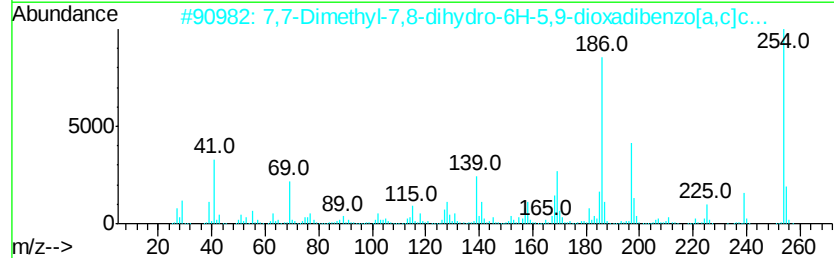
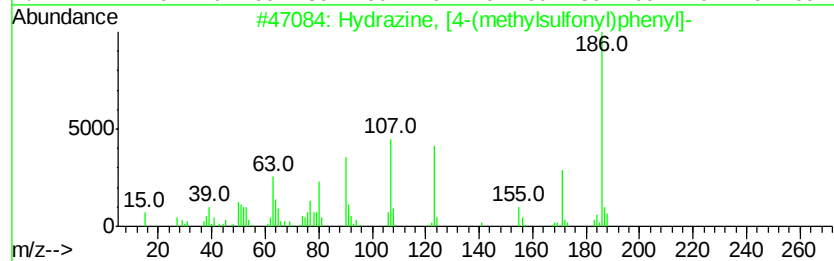
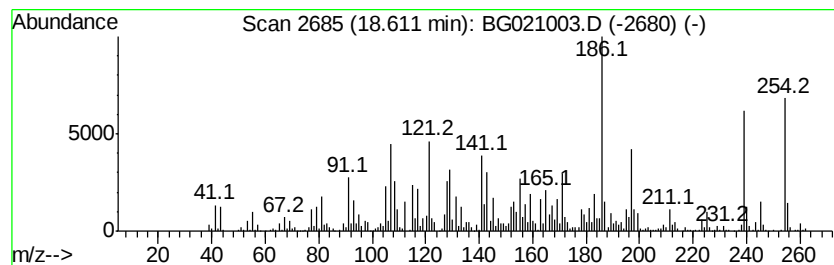
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown18.61 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	49.92 ng	795341	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, [4-(methylsulfonyl)ph...	186	C7H10N2O2S	000877-66-7	30
2		7,7-Dimethyl-7,8-dihydro-6H-5,9-...	254	C17H18O2	161895-54-1	22
3		3-Methylquinoline-4-carboxamide	186	C11H10N2O	1000250-73-1	22
4		1-Naphthol, 2,5,8-trimethyl-	186	C13H14O	033583-02-7	20
5		2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	20



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ClientSampleId :
HW-17

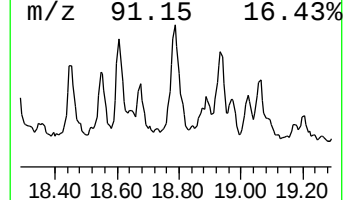
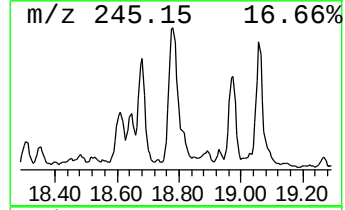
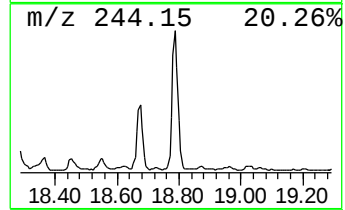
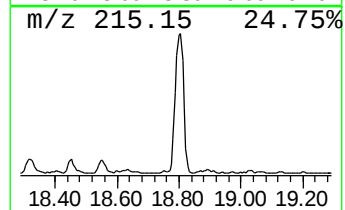
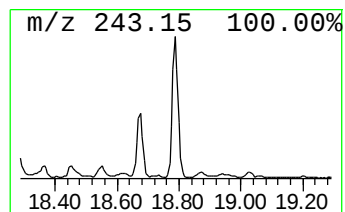
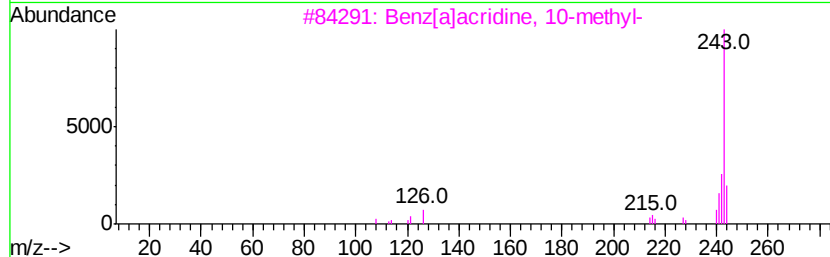
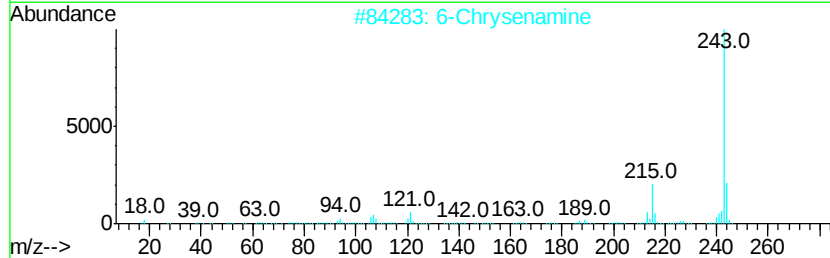
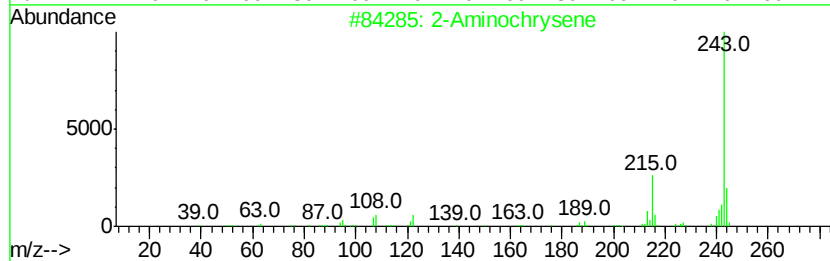
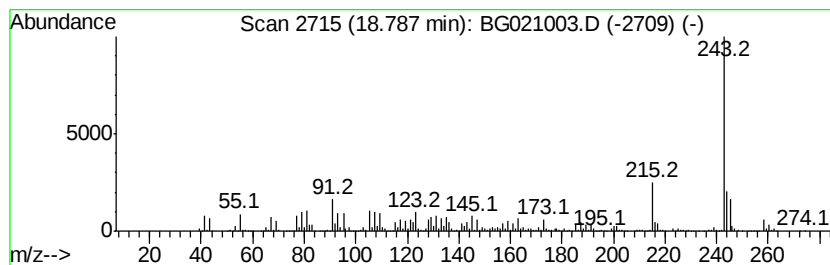
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Aminochrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	51.36 ng	818301	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminochrysene	243	C18H13N	000789-47-9	58
2	6-Chrysenamine	243	C18H13N	002642-98-0	58
3	Benz[a]acridine, 10-methyl-	243	C18H13N	003781-67-7	52
4	Benz[c]acridine, 5-methyl-	243	C18H13N	003519-87-7	50
5	Isosporamine, N-oxide	260	C15H20N2O2	054786-31-1	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021003.D
Acq On : 20 Feb 2016 11:19
Operator : SJ/UM
Sample : H1507-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-17

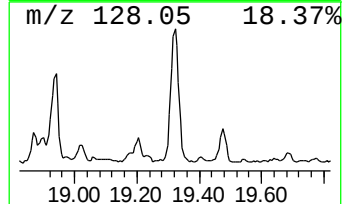
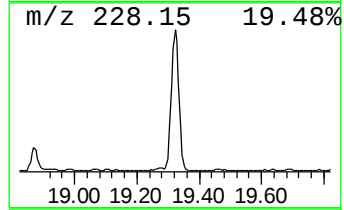
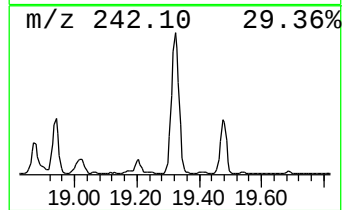
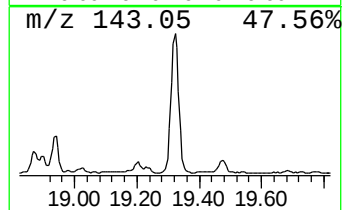
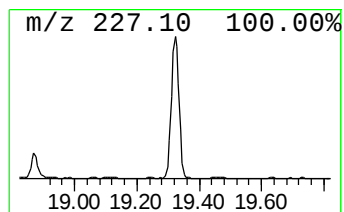
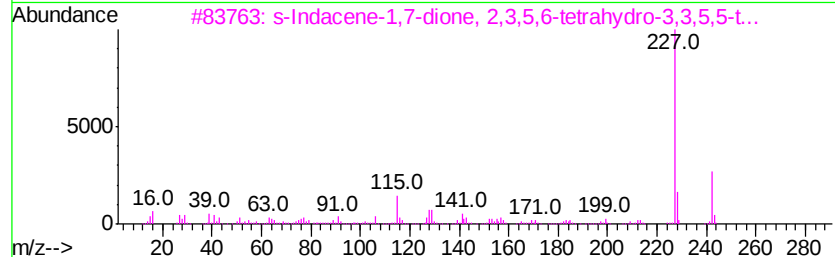
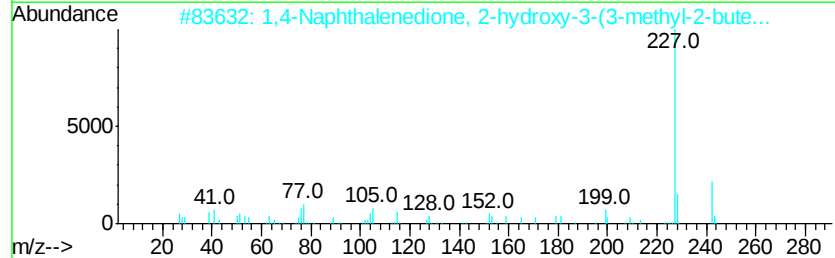
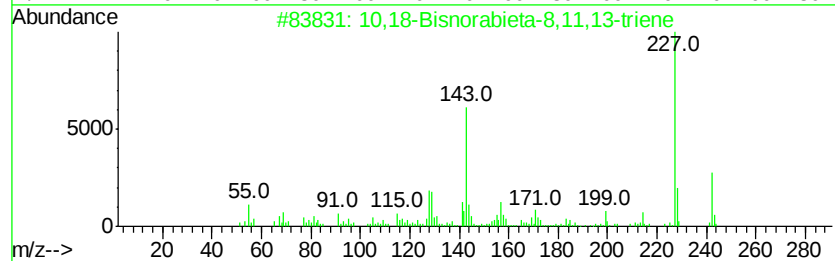
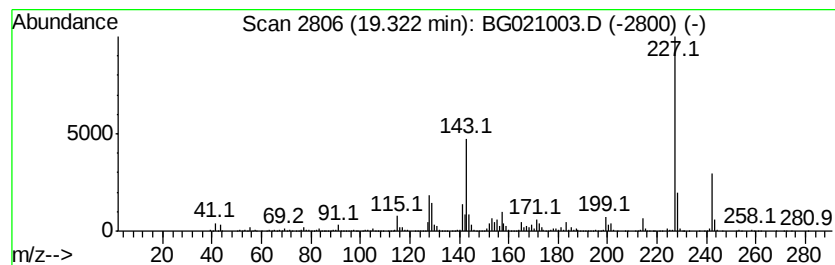
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 10,18-Bisnorabieta-8,11,13-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	79.31 ng	1263510	Phenanthrene-d10	17.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	95
2		1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	60
3		s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	52
4		7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	49
5		2-(4'-Hydroxyphenyl)-2-(4'-metho...	242	C16H18O2	016530-58-8	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG021003.D
 Acq On : 20 Feb 2016 11:19
 Operator : SJ/UM
 Sample : H1507-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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
unknown7.79	7.79	122.5	ng	644540	1	8.26	105210	20.0
Benzene, 4-ethyl-...	9.37	174.4	ng	917304	1	8.26	105210	20.0
Cyclohexane, 1-et...	9.62	71.3	ng	374849	1	8.26	105210	20.0
cis-Decalin, 2-sy...	10.26	53.1	ng	610157	2	11.09	229850	20.0
Benzene, 1,2,4,5-...	10.48	90.0	ng	1034130	2	11.09	229850	20.0
Decane, 2,6,8-tri...	11.22	57.9	ng	665552	2	11.09	229850	20.0
Cyclohexane, 2-bu...	11.57	44.2	ng	507734	2	11.09	229850	20.0
unknown11.77	11.77	46.7	ng	536191	2	11.09	229850	20.0
unknown11.97	11.97	53.0	ng	608992	2	11.09	229850	20.0
Octane, 3,6-dimet...	12.08	79.1	ng	909292	2	11.09	229850	20.0
Naphthalene, 1,2,...	12.26	44.8	ng	515111	2	11.09	229850	20.0
Dodecane, 2,6,10-...	13.40	129.1	ng	1235830	3	14.87	191424	20.0
unknown13.67	13.67	62.6	ng	599152	3	14.87	191424	20.0
Naphthalene, 1,4-...	14.20	60.6	ng	579649	3	14.87	191424	20.0
Benzoic acid, 4-p...	15.46	61.4	ng	588007	3	14.87	191424	20.0
unknown18.61	18.61	49.9	ng	795341	4	17.61	318625	20.0
2-Aminochrysene	18.79	51.4	ng	818301	4	17.61	318625	20.0
Naphthalene, 6-et...	18.93	78.0	ng	1243430	4	17.61	318625	20.0
10,18-Bisnorabiet...	19.32	79.3	ng	1263510	4	17.61	318625	20.0