

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091685.D
 Acq On : 16 Dec 2016 20:59
 Operator : UM/SJ
 Sample : H6125-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(10-12)-12-14-16

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_F\METHODS\8270-BF120916.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	3.927	157	161	164	rBV	247061	473470	1.00%	0.090%
2	4.864	241	243	246	rVB	904141	1234338	2.62%	0.234%
3	4.933	246	249	251	rBV	1487882	2224852	4.72%	0.422%
4	5.138	265	267	269	rBV	723763	1045887	2.22%	0.198%
5	5.184	269	271	276	rVB5	212516	509641	1.08%	0.097%
6	5.367	285	287	290	rVB	2821131	2961095	6.28%	0.561%
7	5.436	290	293	296	rBV3	311482	472331	1.00%	0.090%
8	5.516	298	300	303	rBV	637601	1012368	2.15%	0.192%
9	5.561	303	304	306	rVB	889332	876497	1.86%	0.166%
10	5.607	306	308	312	rVB2	823937	1123030	2.38%	0.213%
11	5.778	320	323	325	rVB2	1031178	1583659	3.36%	0.300%
12	5.836	325	328	333	rBV3	560465	1434706	3.04%	0.272%
13	5.927	333	336	339	rBV2	2448180	4589003	9.74%	0.870%
14	5.973	339	340	343	rBV2	301381	604960	1.28%	0.115%
15	6.019	343	344	348	rVB2	3286563	4291804	9.10%	0.814%
16	6.076	348	349	351	rBV	1110816	1467333	3.11%	0.278%
17	6.121	351	353	355	rVB	2223573	2728016	5.79%	0.517%
18	6.236	358	363	365	rBV	4553425	6651936	14.11%	1.261%
19	6.304	366	369	371	rBV	1749064	2383646	5.06%	0.452%
20	6.419	374	379	381	rBV	3612996	5869851	12.45%	1.113%
21	6.476	383	384	386	rBV2	685244	678788	1.44%	0.129%
22	6.544	386	390	394	rBV2	3840110	7057947	14.97%	1.338%
23	6.636	394	398	399	rBV3	853330	1093721	2.32%	0.207%
24	6.681	399	402	404	rBV3	283145	644295	1.37%	0.122%
25	6.739	404	407	409	rBV2	2116208	3815172	8.09%	0.723%
26	6.773	409	410	412	rVV	1698310	2030489	4.31%	0.385%
27	6.807	412	413	415	rVB	3362681	2358777	5.00%	0.447%
28	6.841	415	416	418	rBV	1013159	1290971	2.74%	0.245%
29	6.910	420	422	423	rVV	594292	800517	1.70%	0.152%
30	6.933	423	424	426	rVV2	4691805	6171148	13.09%	1.170%
31	6.967	426	427	429	rVB	3932327	2801551	5.94%	0.531%
32	7.036	429	433	437	rVB3	2711954	5226747	11.09%	0.991%
33	7.127	437	441	444	rBV3	1590463	3971452	8.43%	0.753%
34	7.184	444	446	447	rBV2	1321280	1926284	4.09%	0.365%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.276	452	454	455	rBV2	442547	706117	1.50%	0.134%
36	7.333	455	459	460	rBV	5763777	11066497	23.48%	2.098%
37	7.356	460	461	465	rVB3	3876997	6013317	12.76%	1.140%
38	7.436	465	468	470	rVB2	2956822	4238946	8.99%	0.803%
39	7.504	470	474	476	rBV3	2637162	5382211	11.42%	1.020%
40	7.562	476	479	480	rBV	3985780	5154216	10.93%	0.977%
41	7.584	480	481	484	rVB2	4210231	6043295	12.82%	1.146%
42	7.642	484	486	488	rBV2	368735	776446	1.65%	0.147%
43	7.699	488	491	498	rVB6	2939003	11530739	24.46%	2.186%
44	7.824	498	502	504	rBV2	6853430	12331568	26.16%	2.337%
45	7.893	506	508	511	rBV3	1559759	3080121	6.53%	0.584%
46	7.939	511	512	514	rBV	1337325	2125888	4.51%	0.403%
47	7.973	514	515	517	rVB2	816688	977426	2.07%	0.185%
48	8.030	517	520	522	rBV2	9063997	14493969	30.75%	2.747%
49	8.064	522	523	525	rVV2	2963711	3176256	6.74%	0.602%
50	8.122	525	528	529	rVV3	1921570	3877805	8.23%	0.735%
51	8.144	529	530	534	rVB2	5262035	6614620	14.03%	1.254%
52	8.202	534	535	536	rVB	1452156	996179	2.11%	0.189%
53	8.236	536	538	539	rBV2	1391818	2215628	4.70%	0.420%
54	8.270	539	541	543	rVB3	1536790	2414782	5.12%	0.458%
55	8.316	543	545	546	rVB2	1131772	932944	1.98%	0.177%
56	8.373	546	550	551	rVB4	3440096	5412630	11.48%	1.026%
57	8.407	551	553	556	rBV3	819823	1868766	3.96%	0.354%
58	8.453	556	557	559	rVB2	1966872	2161221	4.58%	0.410%
59	8.510	559	562	566	rBV3	3610608	10283895	21.82%	1.949%
60	8.579	566	568	570	rVB	3478973	3145636	6.67%	0.596%
61	8.624	570	572	575	rBV4	962050	2463810	5.23%	0.467%
62	8.739	579	582	584	rVV2	2532921	4315173	9.15%	0.818%
63	8.796	584	587	591	rVB	7994180	13821976	29.32%	2.620%
64	8.887	592	595	600	rBV	4949021	13765748	29.20%	2.609%
65	8.979	600	603	612	rVB5	1740776	5716736	12.13%	1.084%
66	9.139	612	617	621	rBV4	2350014	9926051	21.06%	1.881%
67	9.230	621	625	634	rVB2	3658521	12210399	25.90%	2.314%
68	9.425	638	642	646	rBV3	2185928	7641522	16.21%	1.448%
69	9.733	667	669	674	rVB5	1825169	4854940	10.30%	0.920%
70	9.825	674	677	684	rVB3	1879501	7299927	15.49%	1.384%
71	9.939	684	687	691	rBV2	4341707	15348586	32.56%	2.909%

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72	10.396	722	727	733	rBV5	1666490	8063727	17.11%	1.528%
73	10.785	756	761	766	rBV5	2343662	10099610	21.43%	1.914%
74	10.933	769	774	780	rVV4	2449598	13054627	27.69%	2.474%
75	11.150	785	793	800	rBV5	4469790	31452268	66.72%	5.962%
76	11.333	801	809	814	rBV3	4586393	30457238	64.61%	5.773%
77	12.751	931	933	937	rBV2	5046379	13992999	29.69%	2.652%
78	12.819	937	939	943	rVV4	3945263	9267020	19.66%	1.757%
79	12.888	943	945	949	rVB3	4624058	8533793	18.10%	1.618%
80	13.025	949	957	961	rBV3	9769700	47137547	100.00%	8.935%
81	13.094	961	963	965	rVV2	2588192	5280459	11.20%	1.001%
82	13.128	965	966	968	rVB2	4947737	3967850	8.42%	0.752%
83	13.208	970	973	974	rVB2	2179749	2661435	5.65%	0.504%
84	13.242	974	976	977	rBV	2860689	3692357	7.83%	0.700%
85	13.311	980	982	983	rBV	2180485	2734004	5.80%	0.518%
86	13.334	983	984	987	rVB2	2690234	4069777	8.63%	0.771%
87	13.379	987	988	989	rVB	1224568	839441	1.78%	0.159%
88	13.414	989	991	992	rBV	4466762	4937279	10.47%	0.936%
89	13.448	992	994	997	rVB2	3800525	7588831	16.10%	1.438%
90	13.505	997	999	1001	rBV3	813444	1642879	3.49%	0.311%
91	13.574	1003	1005	1008	rVB3	1732462	1952963	4.14%	0.370%
92	13.619	1008	1009	1014	rVB4	1981891	4139643	8.78%	0.785%
93	13.894	1030	1033	1035	rBV3	487508	914626	1.94%	0.173%
94	13.951	1036	1038	1042	rVB2	863296	1332796	2.83%	0.253%
95	14.431	1077	1080	1083	rVB	850331	1179757	2.50%	0.224%
96	15.334	1157	1159	1163	rVV	598745	781879	1.66%	0.148%

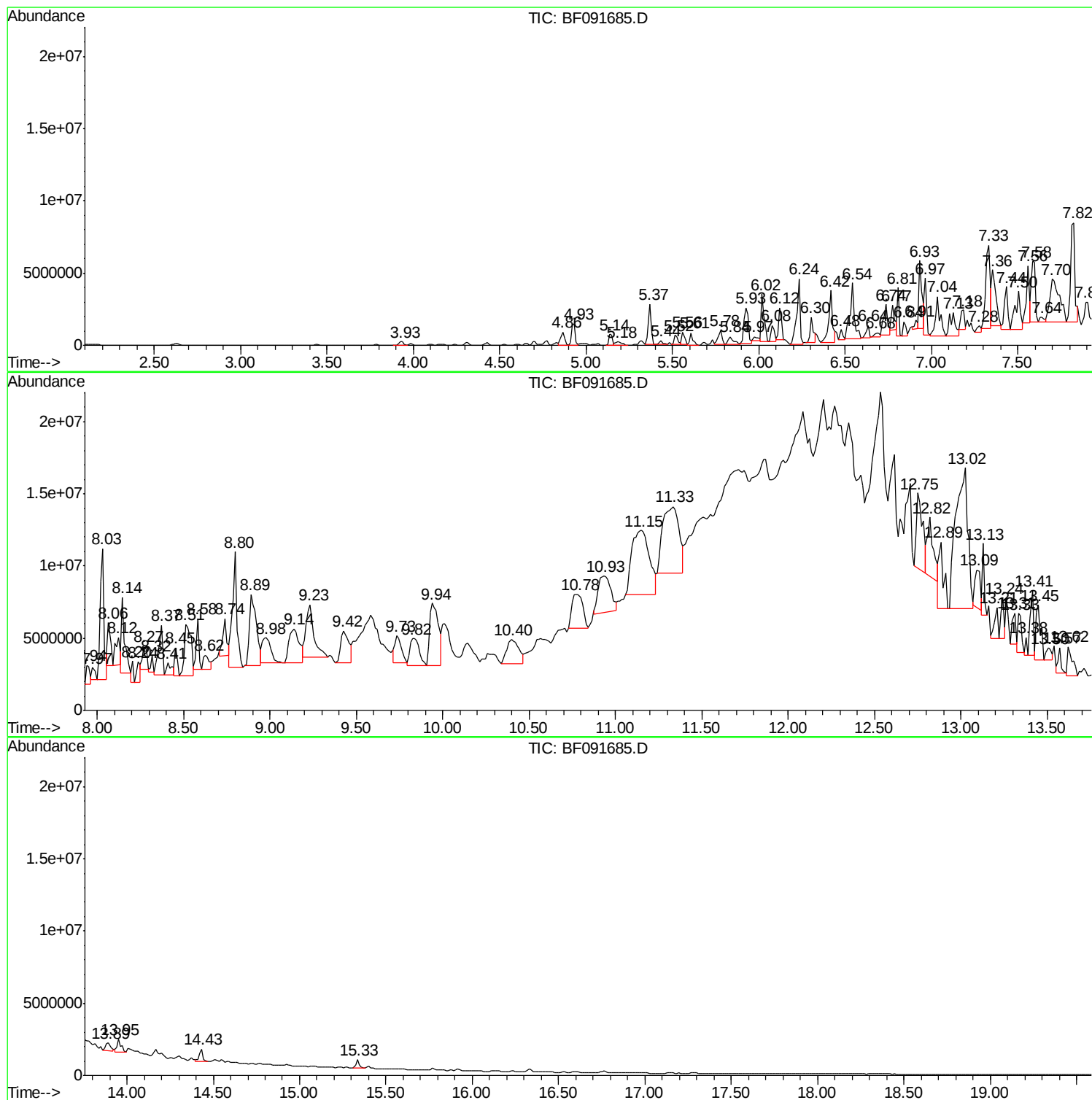
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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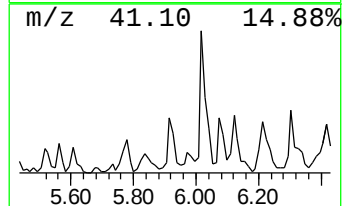
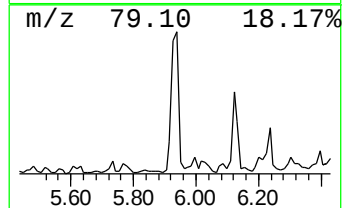
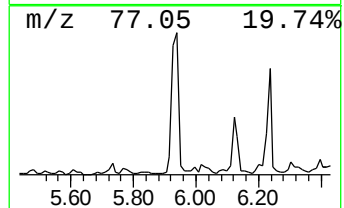
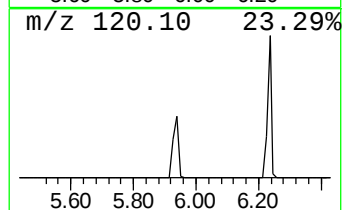
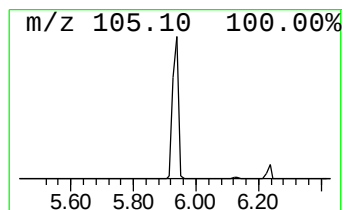
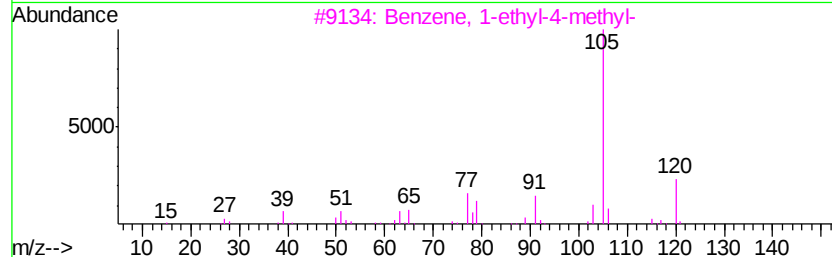
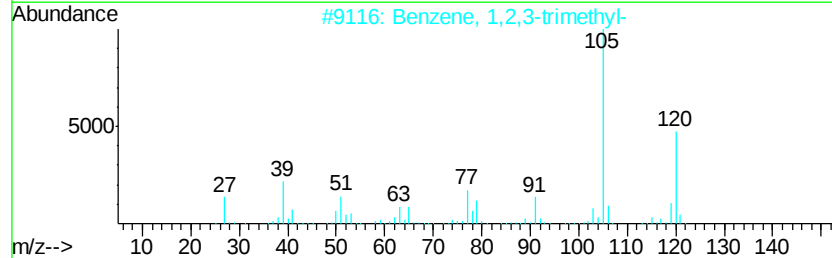
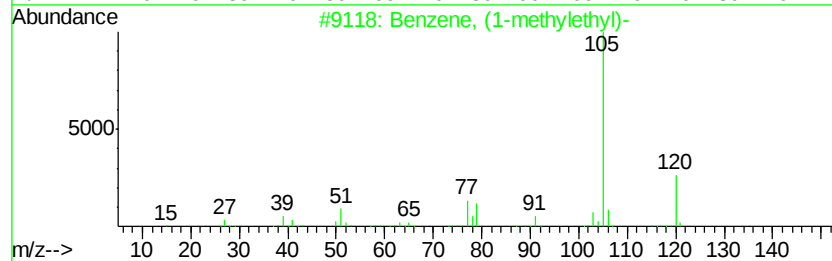
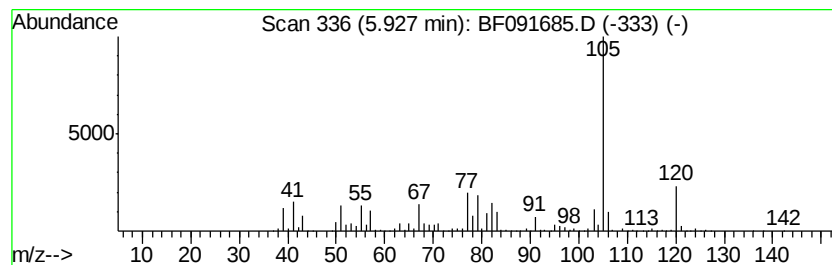
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	45.20 ng	4589000	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49



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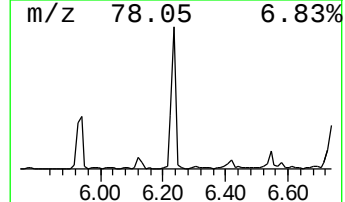
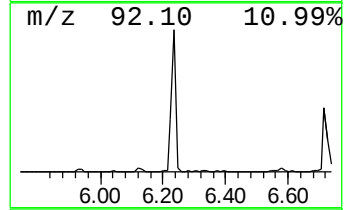
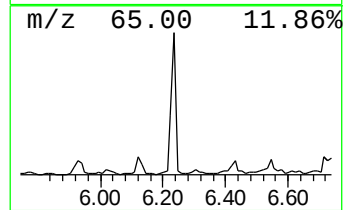
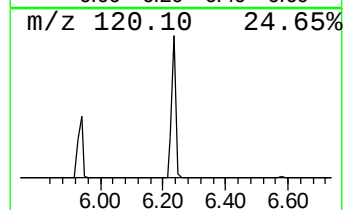
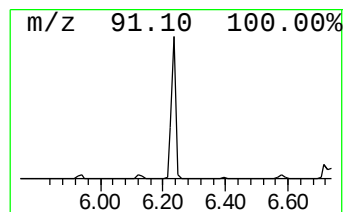
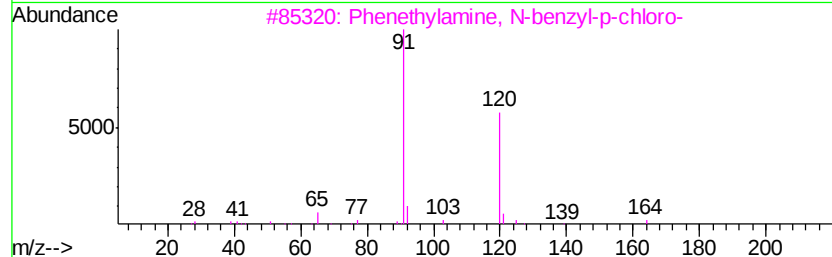
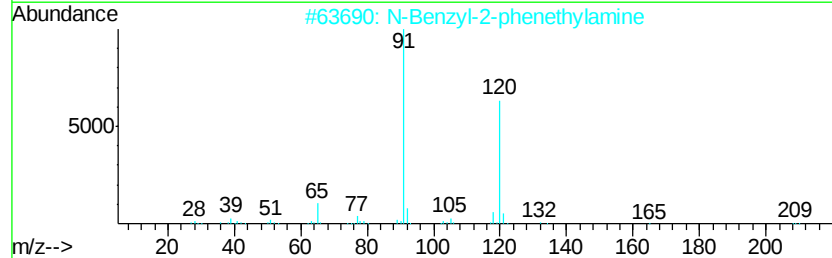
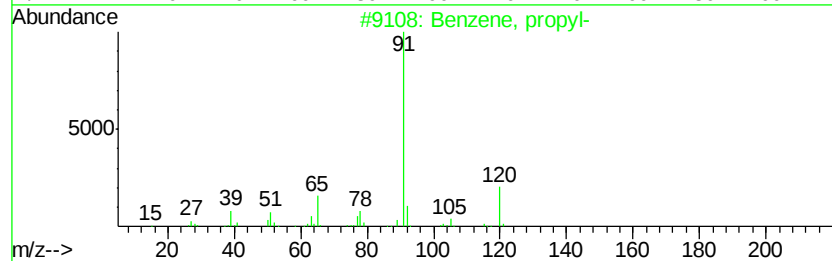
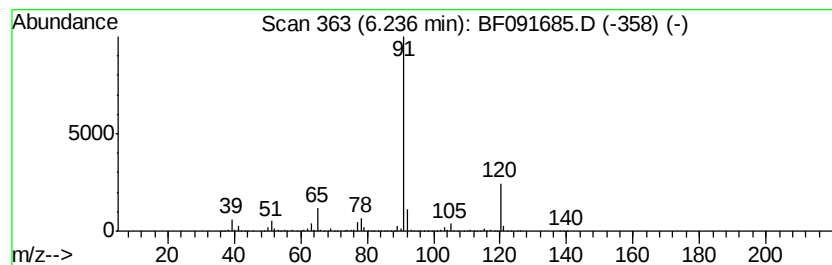
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	65.52 ng	6651940	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	91
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3		Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5		1,2-Ethanediamine, N,N'-bis(phen...)	240	C16H20N2	000140-28-3	64



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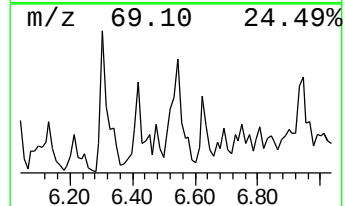
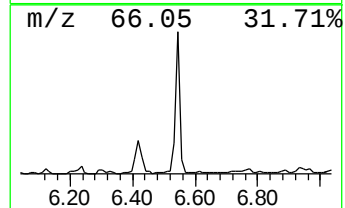
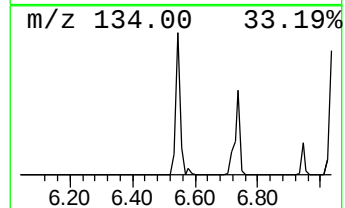
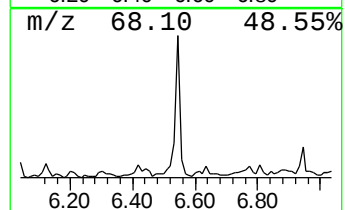
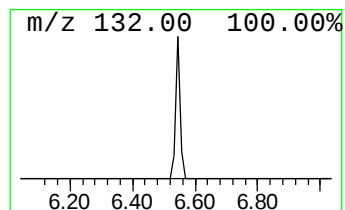
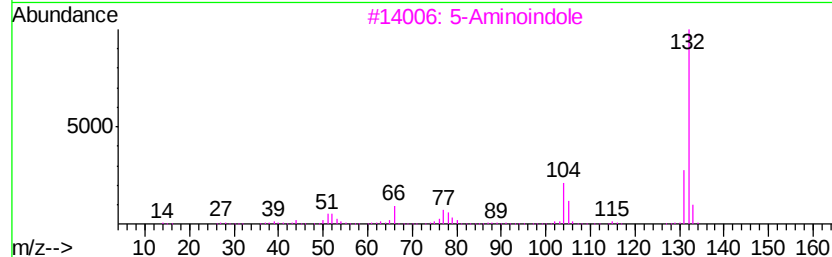
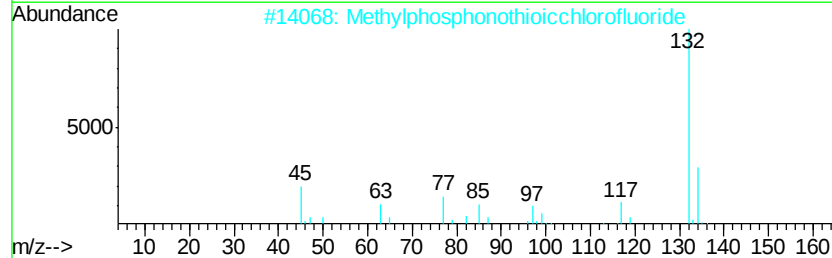
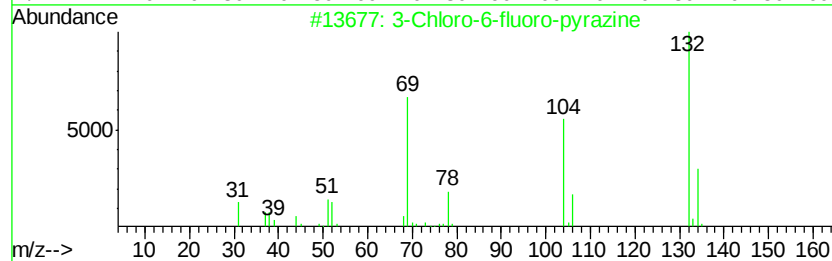
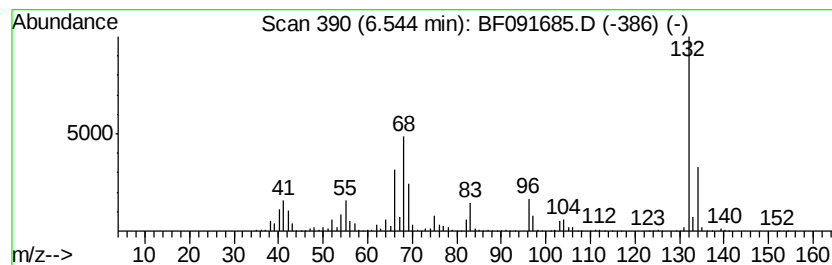
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.54 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	69.52 ng	7057950	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16

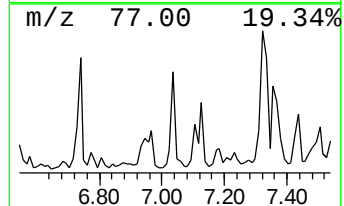
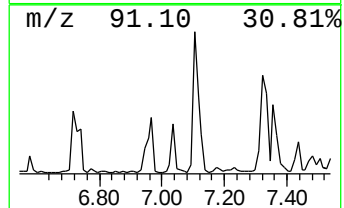
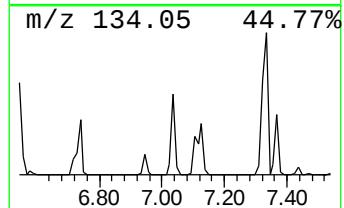
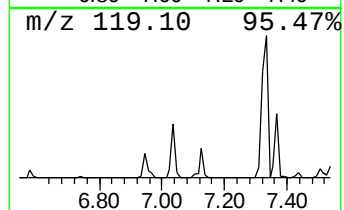
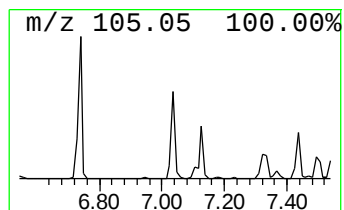
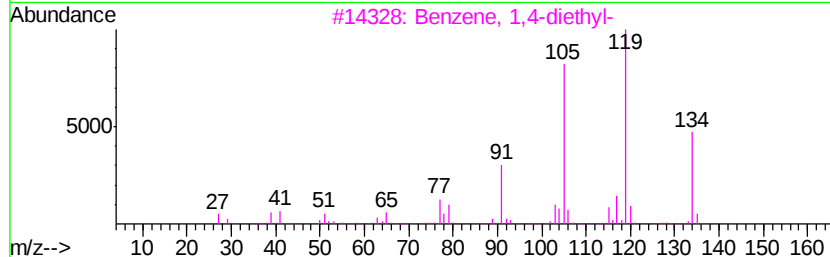
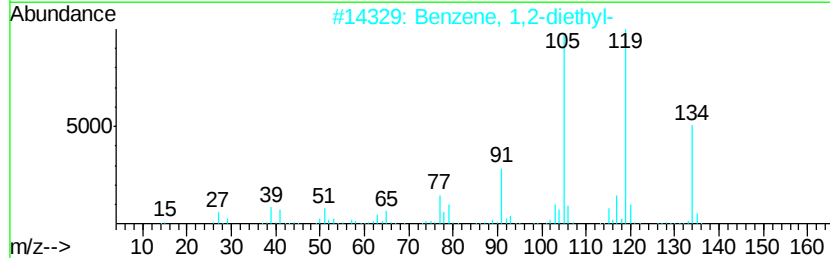
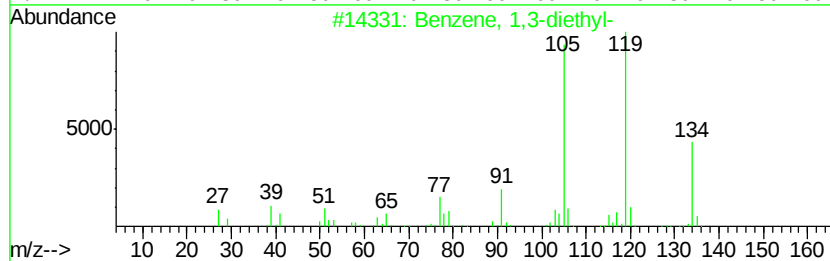
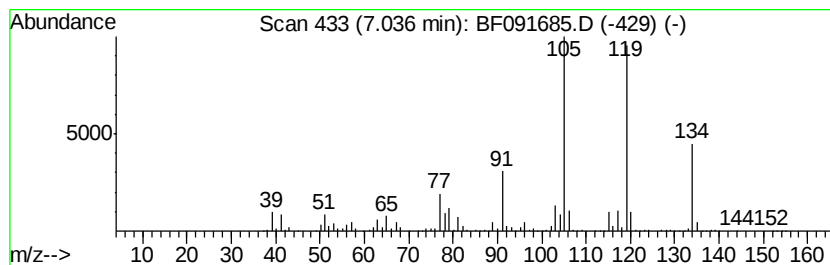
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	51.48 ng	5226750	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,3-diethyl-		134	C10H14	000141-93-5	97
2	Benzene,	1,2-diethyl-		134	C10H14	000135-01-3	95
3	Benzene,	1,4-diethyl-		134	C10H14	000105-05-5	94
4	Benzene,	1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	87
5	Benzene,	2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

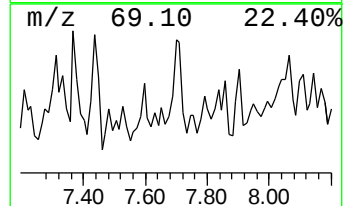
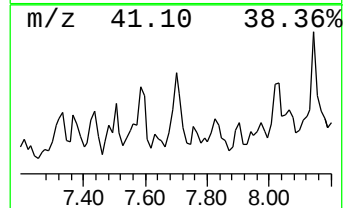
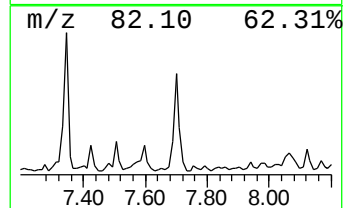
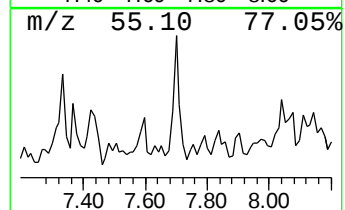
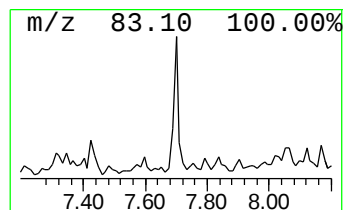
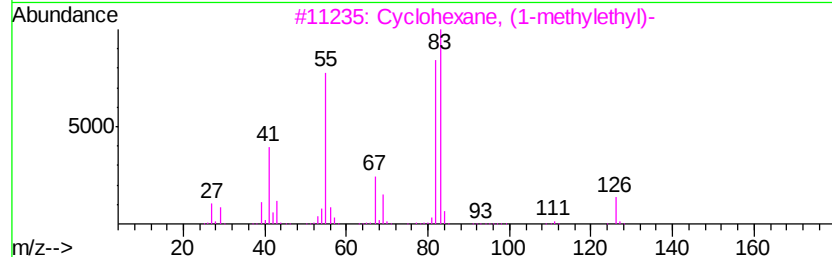
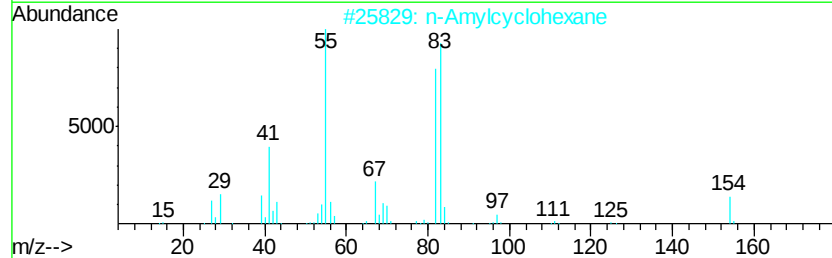
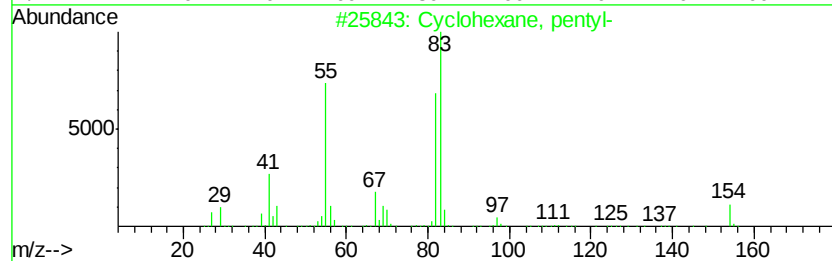
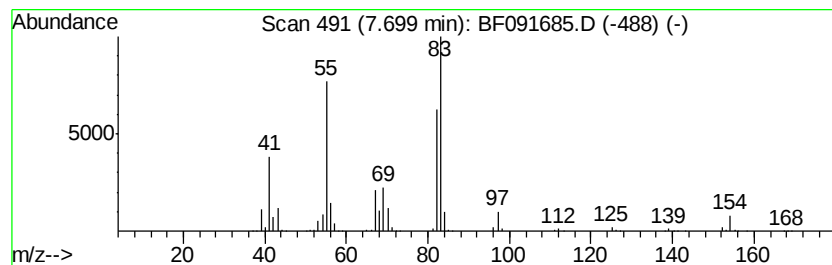
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ClientSampleId :
SB-46(10-12)-12-14-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, pentyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.70	72.61 ng	11530700	Naphthalene-d8	8.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, pentyl-	154	C11H22	004292-92-6	90
2	n-Amylcvclohexane	154	C11H22	029949-27-7	87
3	Cvclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
4	Cvclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

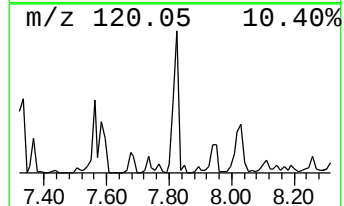
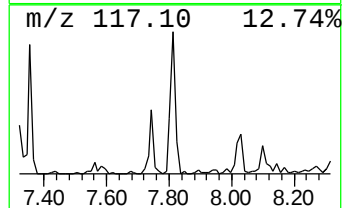
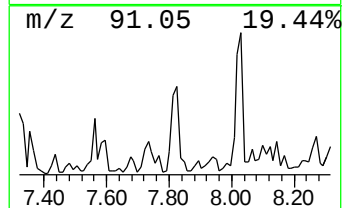
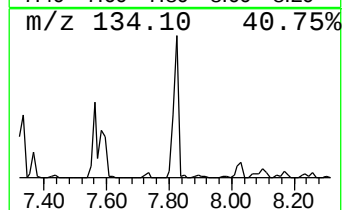
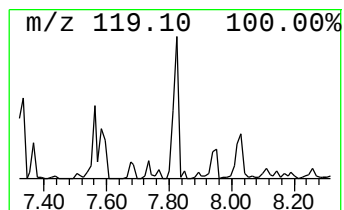
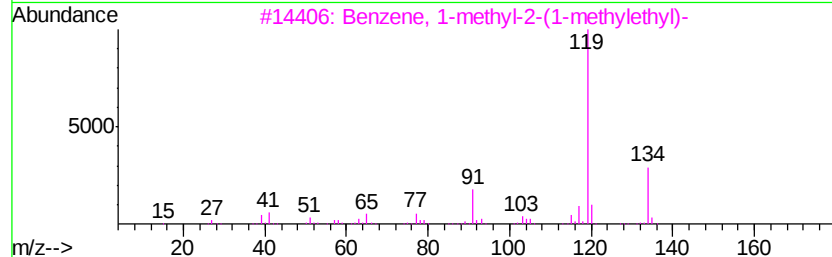
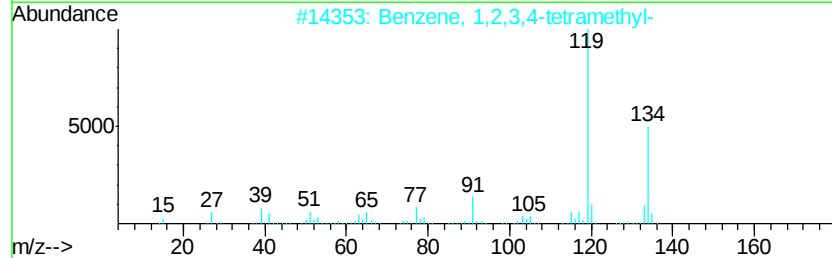
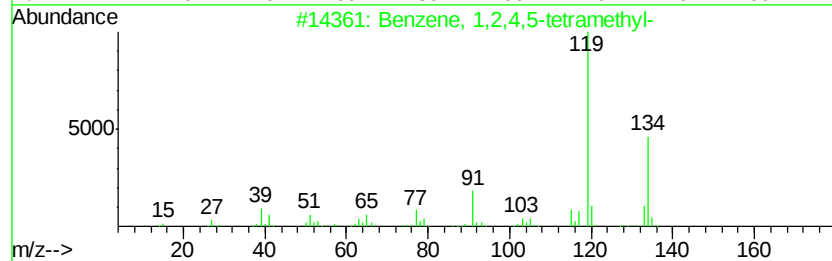
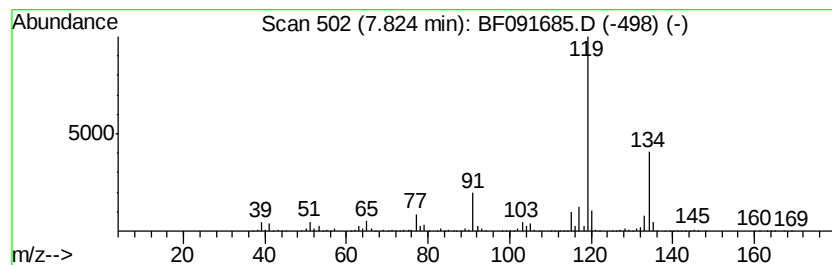
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	77.65 ng	12331600	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

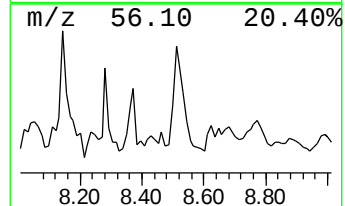
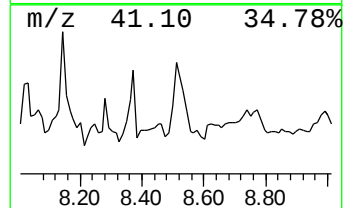
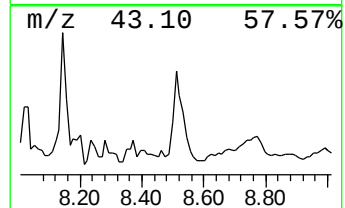
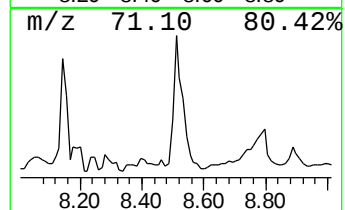
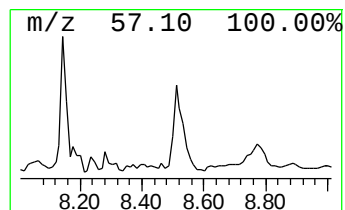
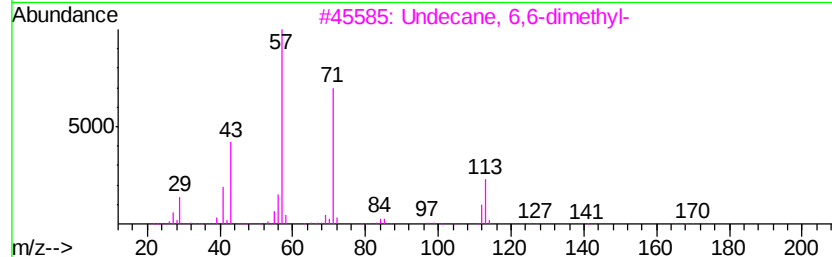
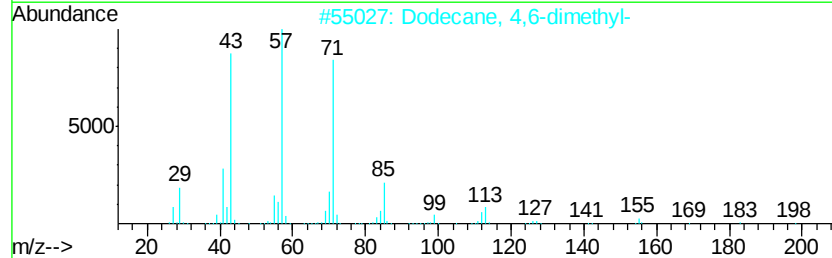
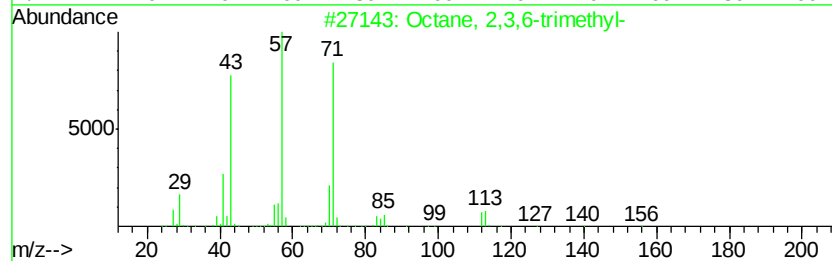
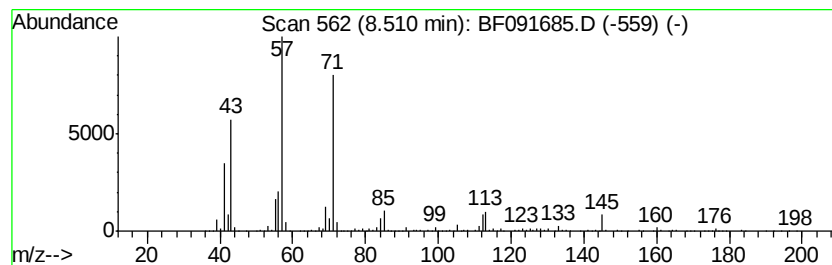
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	64.75 ng	10283900	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5		Octane, 4-bromo-	192	C8H17Br	000999-06-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

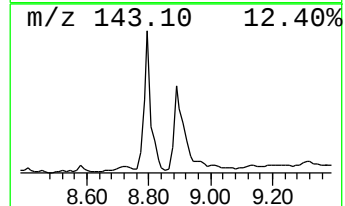
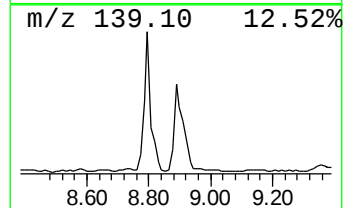
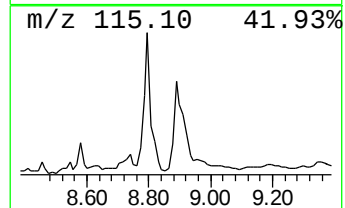
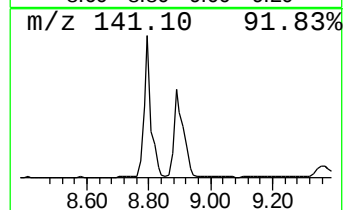
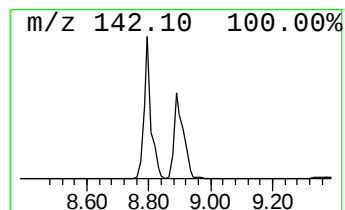
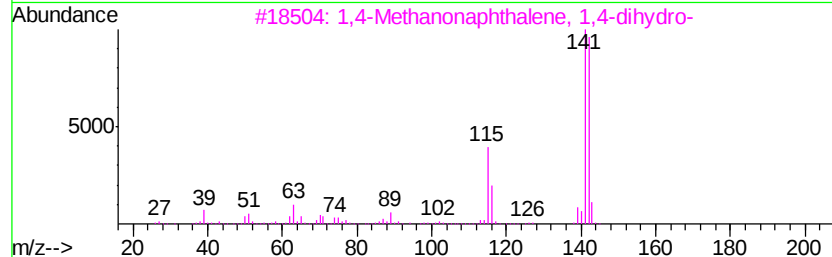
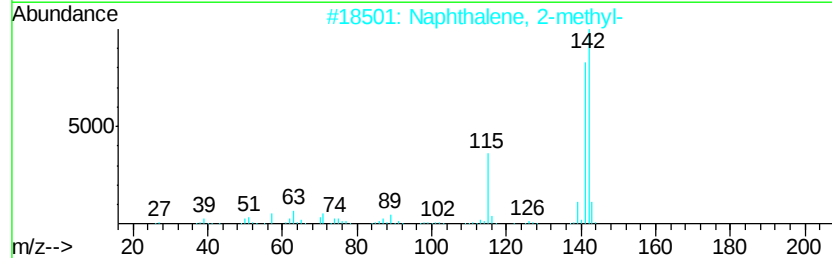
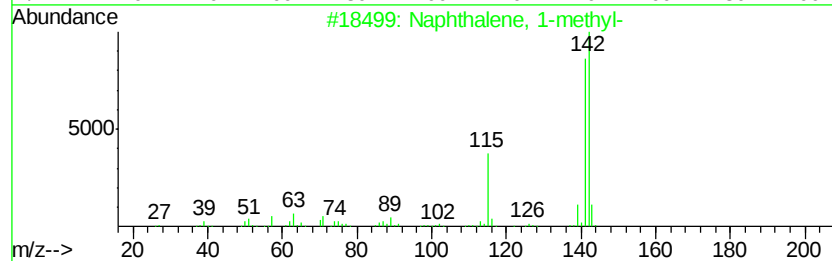
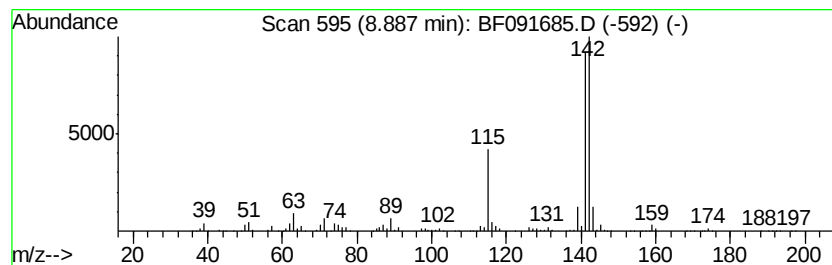
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	86.68 ng	13765700	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

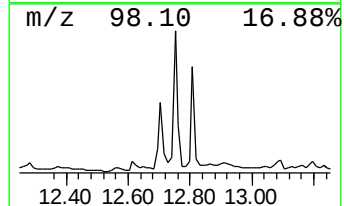
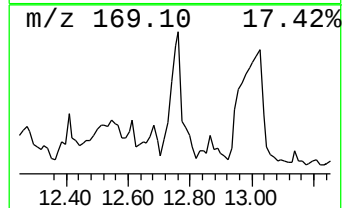
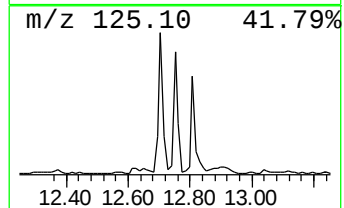
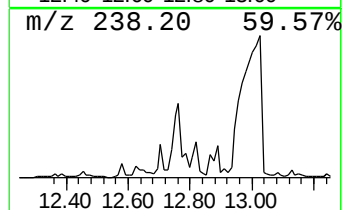
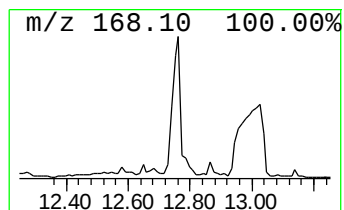
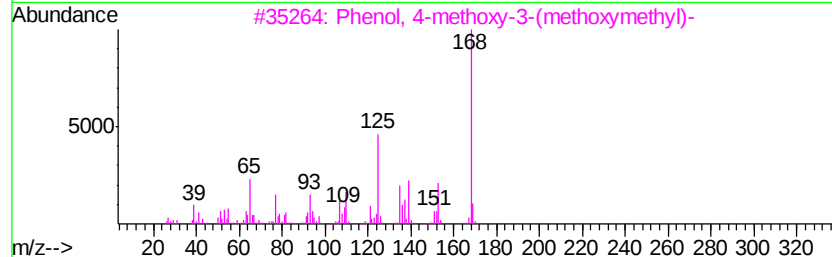
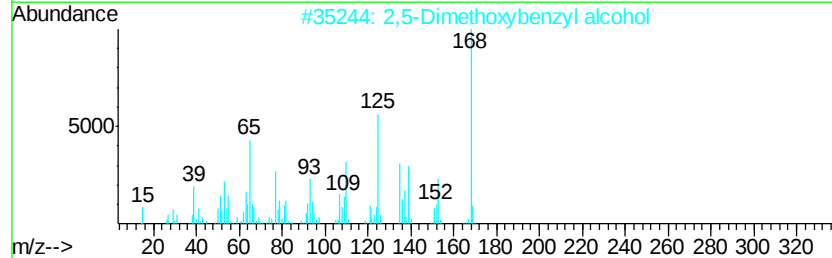
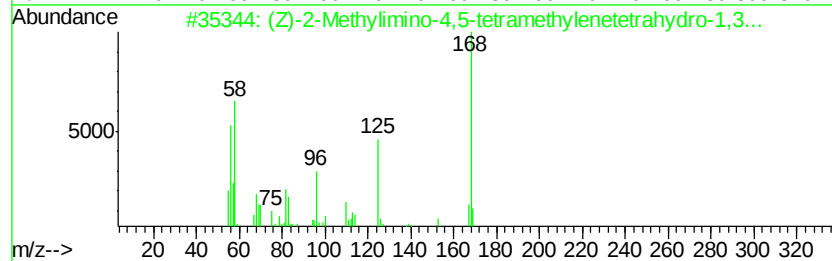
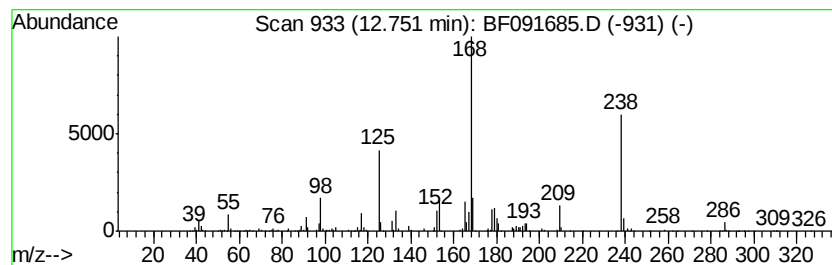
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	209.98 ng	13993000	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z)-2-Methylimino-4,5-tetramethy...	168	C9H16N2O	1000102-94-1	47
2		2,5-Dimethoxybenzyl alcohol	168	C9H12O3	033524-31-1	43
3		Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	43
4		6-Thioxanthine	168	C5H4N4OS	002002-59-7	37
5		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

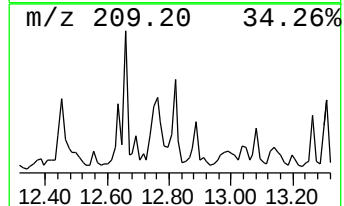
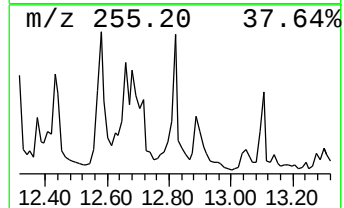
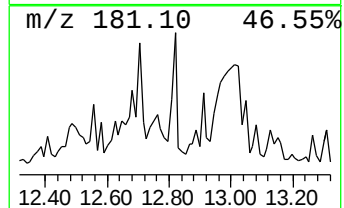
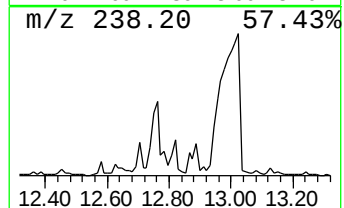
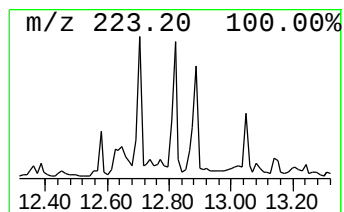
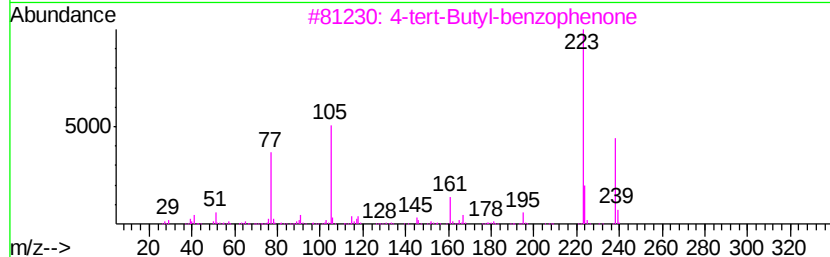
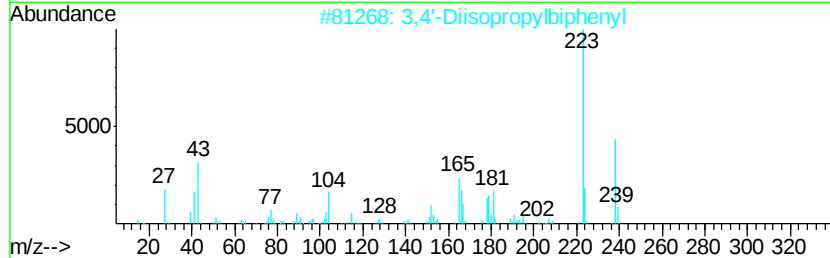
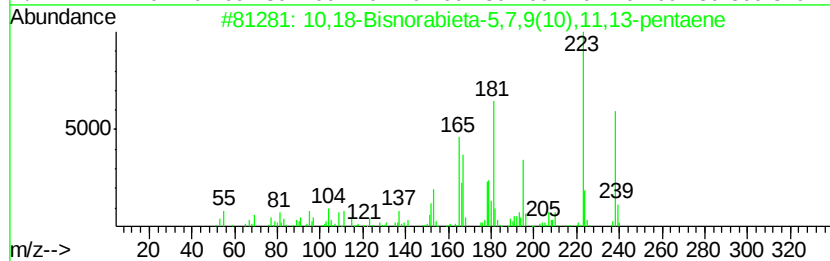
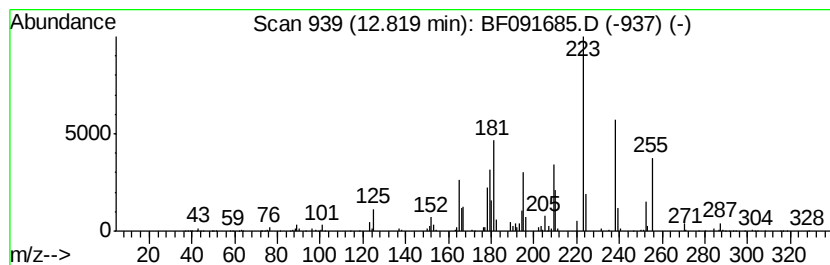
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	139.06 ng	9267020	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	53
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	43
3		4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	38
4		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	38
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16

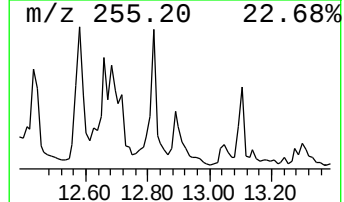
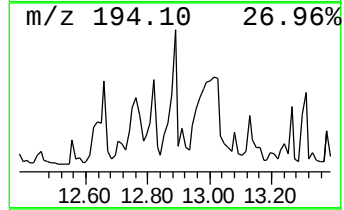
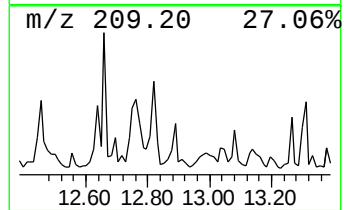
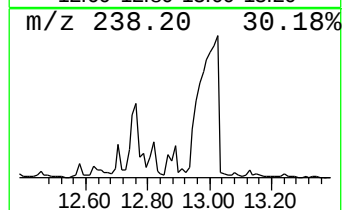
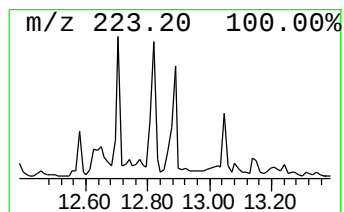
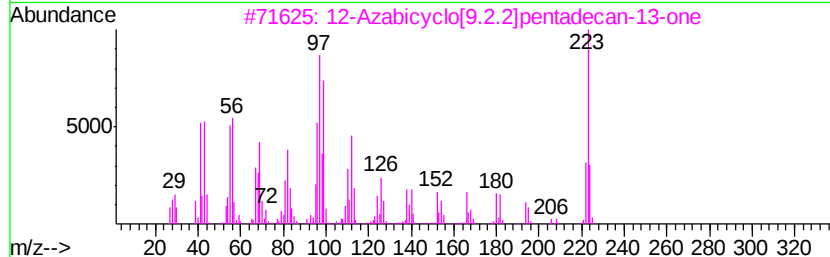
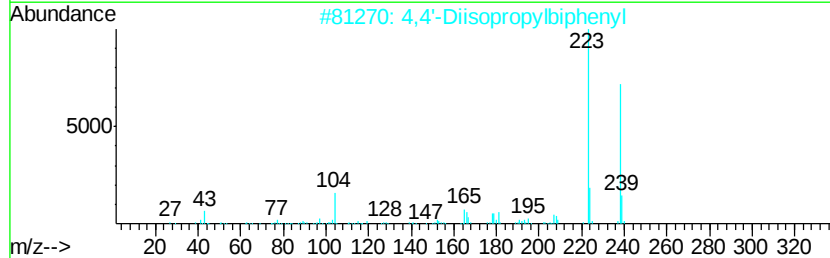
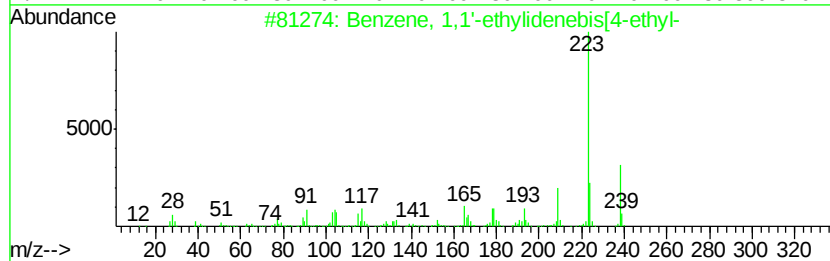
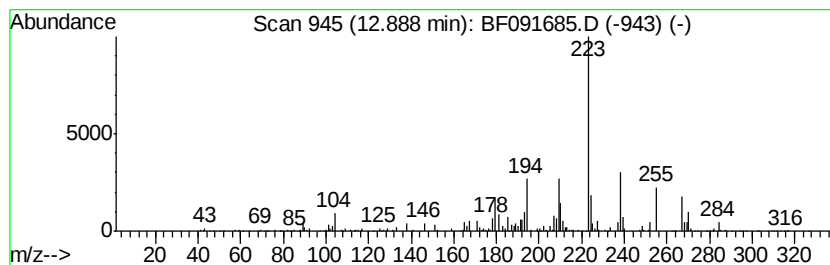
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,1'-ethylidenebis... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	128.06 ng	8533790	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-ethylidenebis[4-ethyl-...	238	C18H22	010224-91-6	53
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49
3		12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	46
4		Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	46
5		Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16

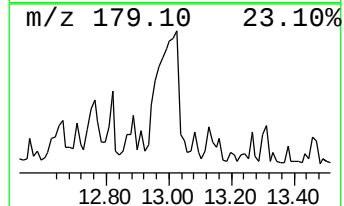
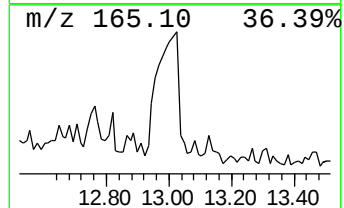
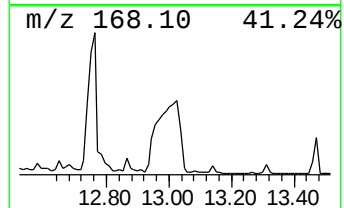
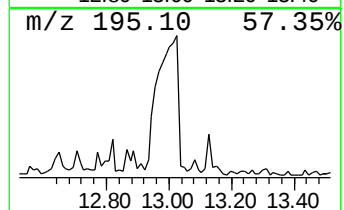
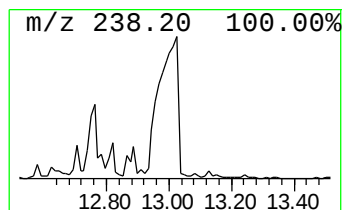
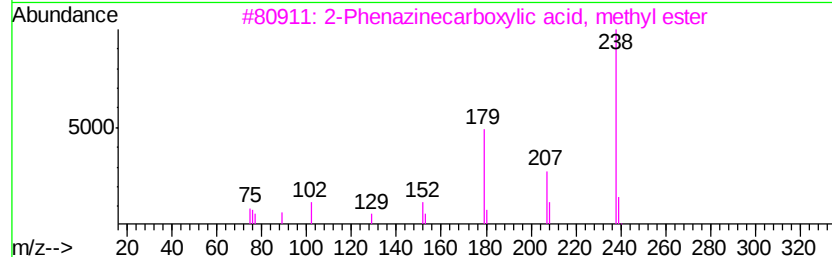
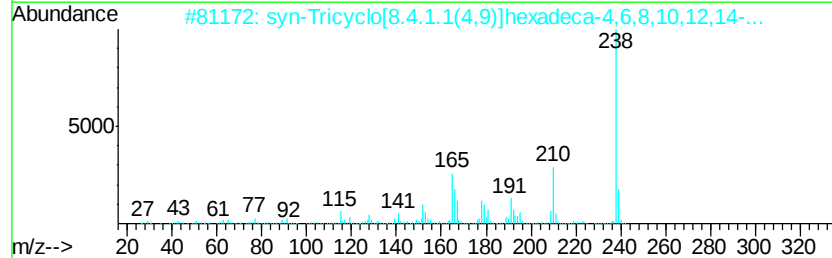
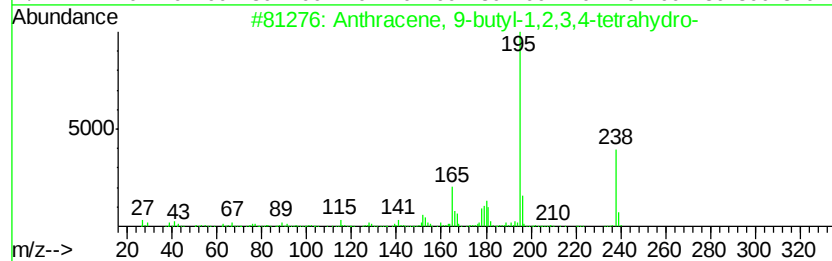
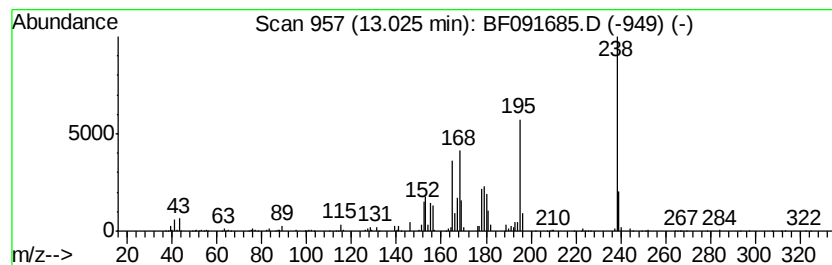
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	707.35 ng	47137500	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	45
2		syn-Tricyclo[8.4.1.1(4,9)]hexade...	238	C16H14O2	1000158-32-8	43
3		2-Phenazinecarboxylic acid, meth...	238	C14H10N2O2	018450-12-9	38
4		3H-Indazol-3-one, 1,2-dihydro-5-...	238	C15H14N2O	017049-55-7	35
5		Fluorenone oxime	195	C13H9NO	002157-52-0	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-46(10-12)-12-14-16

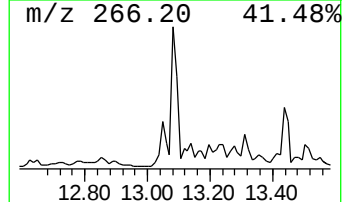
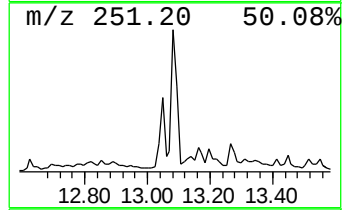
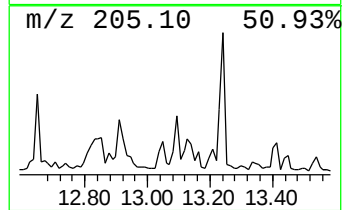
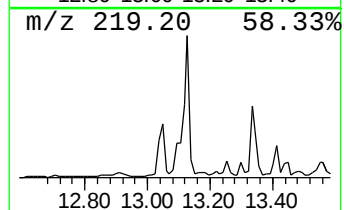
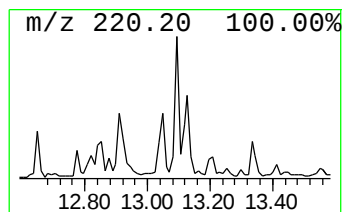
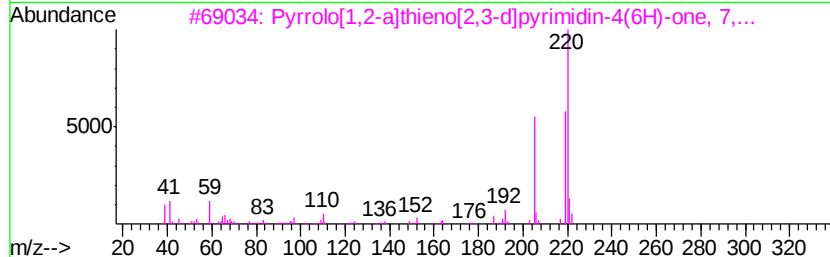
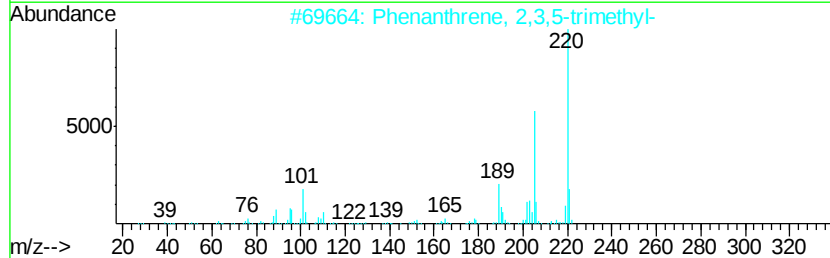
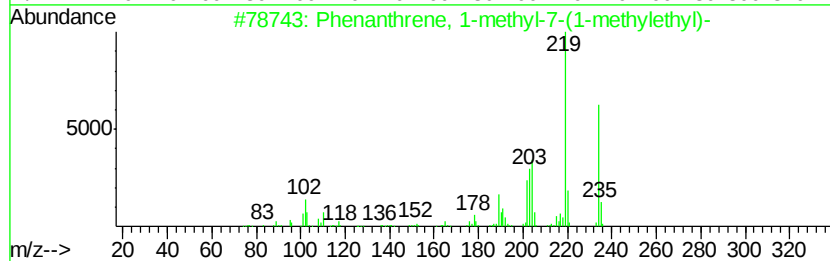
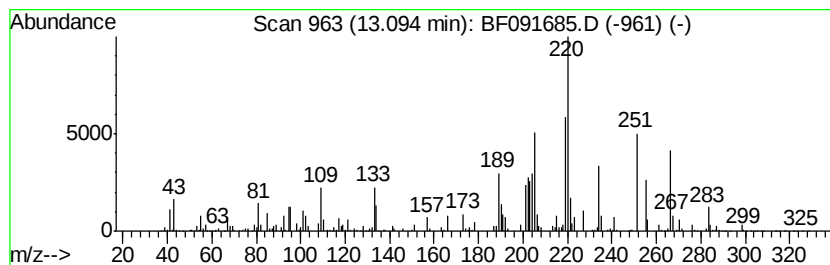
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	79.24 ng	5280460	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	38
2		Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	38
3		Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	38
4		1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	35
5		9,10-Anthracenediethanol	266	C18H18O2	072898-48-7	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

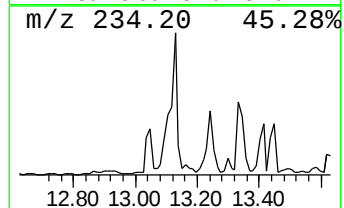
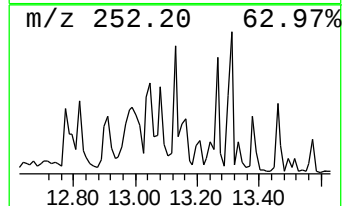
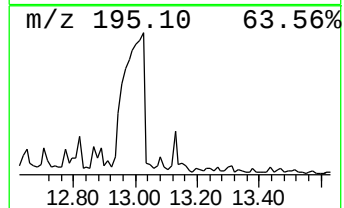
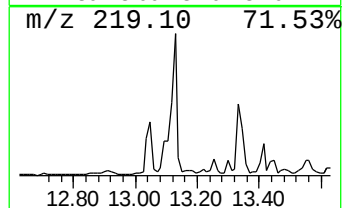
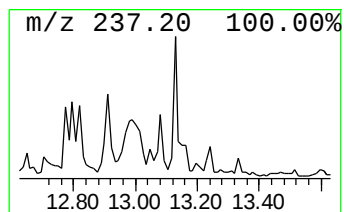
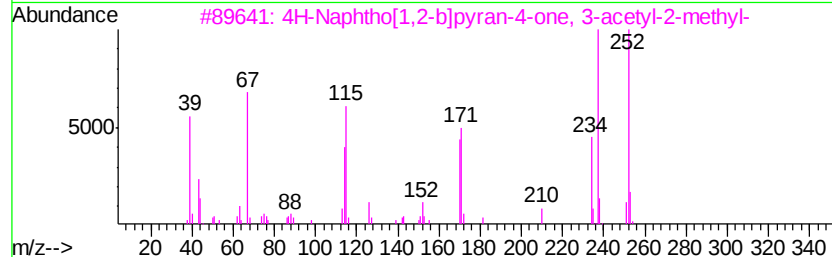
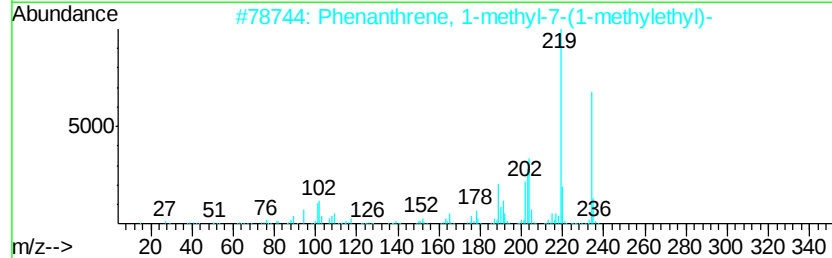
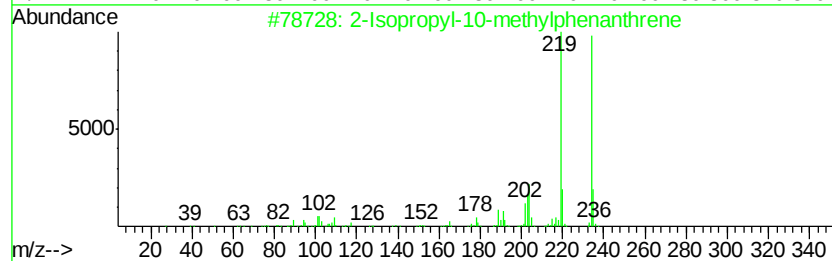
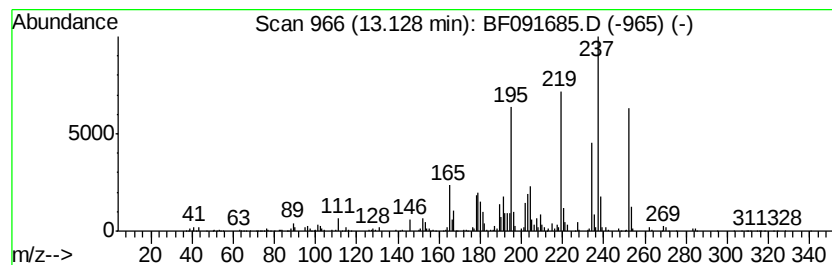
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Isopropyl-10-methylphenan... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.13	59.54 ng	3967850	Chrysene-d12	13.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	86
2	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	56	
3	4H-Naphtho[1,2-b]pyran-4-one, 3-...	252	C16H12O3	069796-59-4	53	
4	1H-Purine-2,6-dione, 3,7-dihydro...	252	C10H16N4O2Si	062374-32-7	38	
5	2-Propenoic acid, 3-(3,4,5-trime...	252	C13H16O5	007560-49-8	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

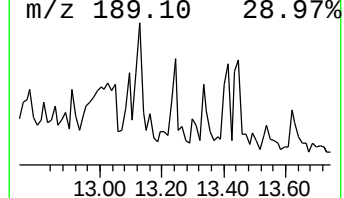
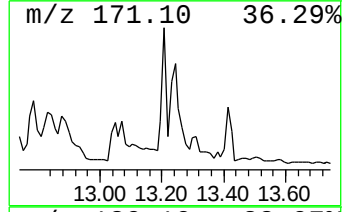
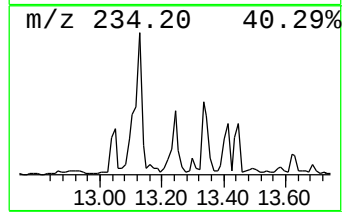
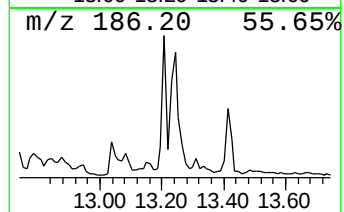
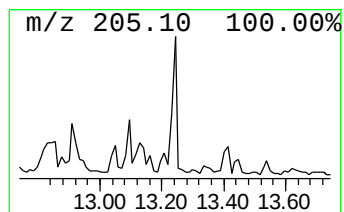
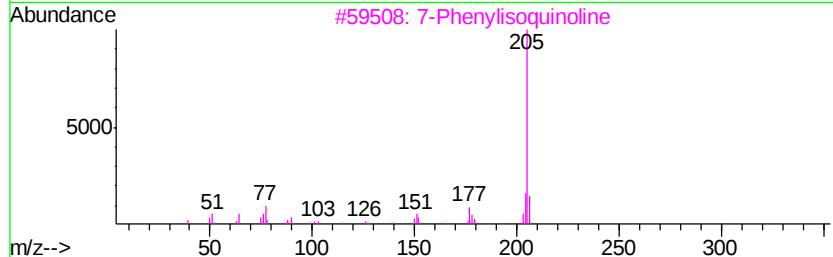
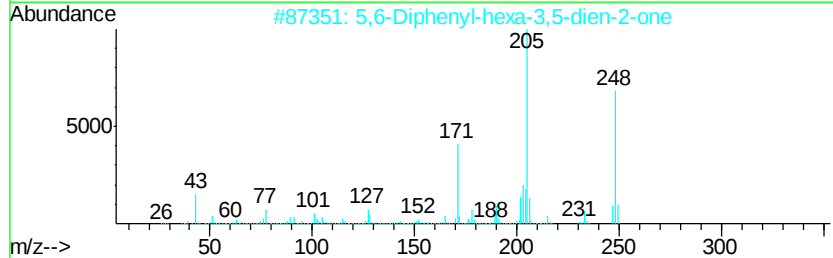
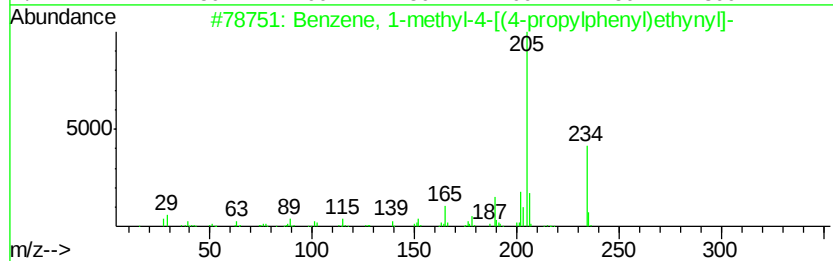
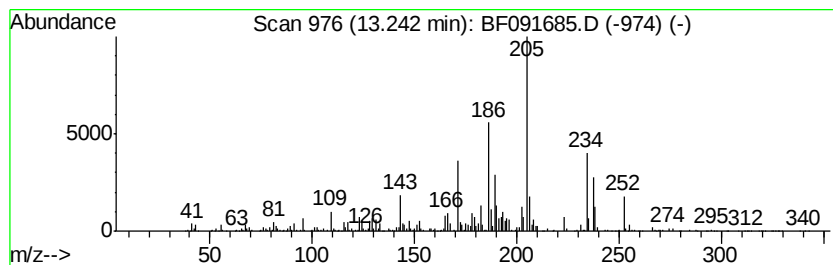
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-4-[(4-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	55.41 ng	3692360	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-[(4-propylph...	234	C18H18	184161-94-2	90
2		5,6-Diphenyl-hexa-3,5-dien-2-one	248	C18H16O	1000194-78-0	25
3		7-Phenylisoquinoline	205	C15H11N	070125-65-4	22
4		6-Phenylisoquinoline	205	C15H11N	070125-61-0	22
5		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
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Operator : UM/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
SB-46(10-12)-12-14-16

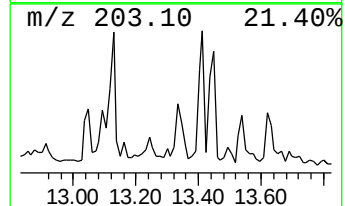
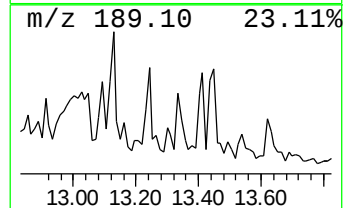
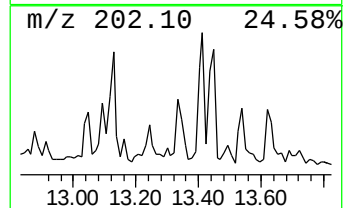
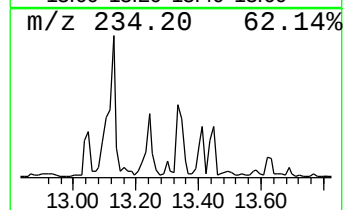
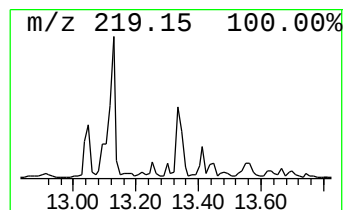
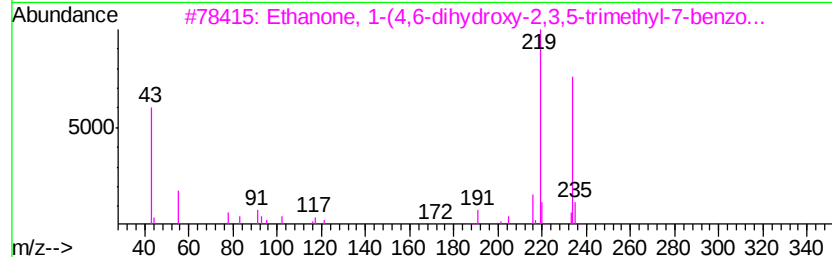
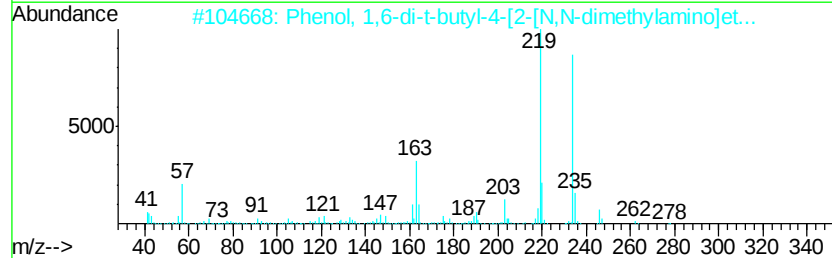
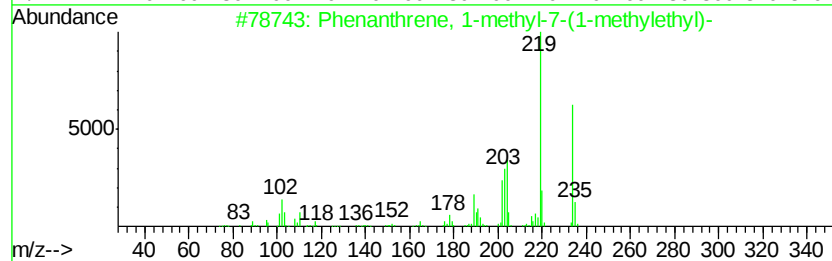
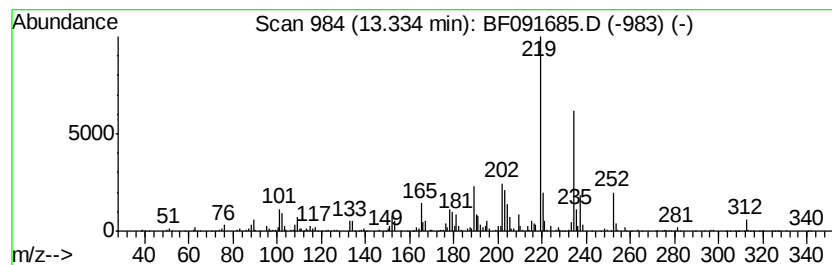
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl-7-(1... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	61.07 ng	4069780	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	93
2		Phenol, 1,6-di-t-butyl-4-[2-[N,N...	277	C18H31NO	083698-88-8	52
3		Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49
4		4-TERT-BUTYL-2,6-DIISOPROPYLPHEN...	276	C18H28O2	1000236-32-0	47
5		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091685.D
Acq On : 16 Dec 2016 20:59
Operator : UM/SJ
Sample : H6125-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-46(10-12)-12-14-16

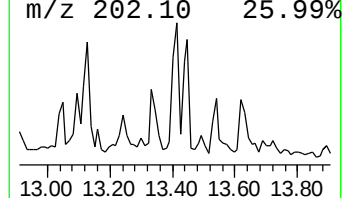
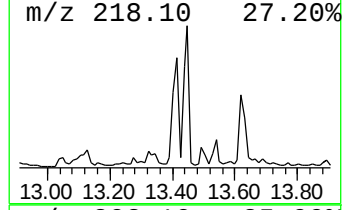
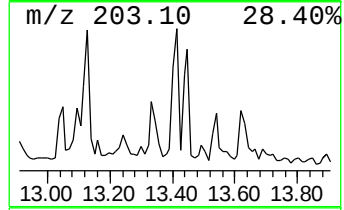
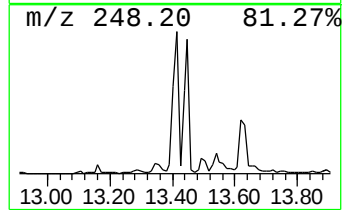
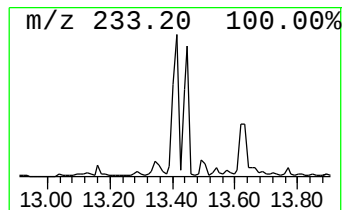
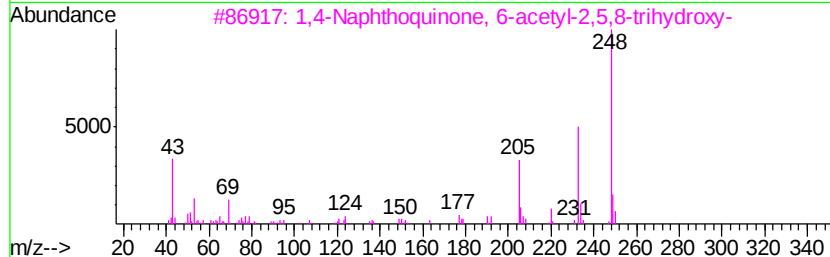
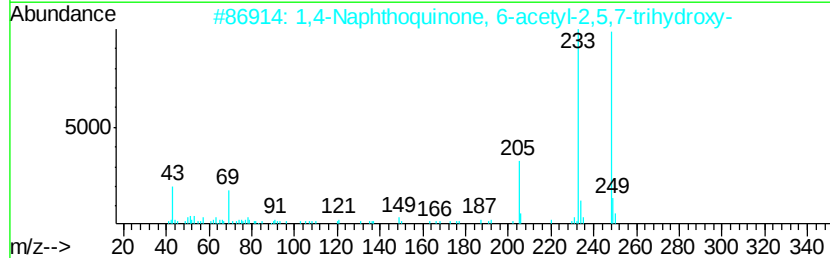
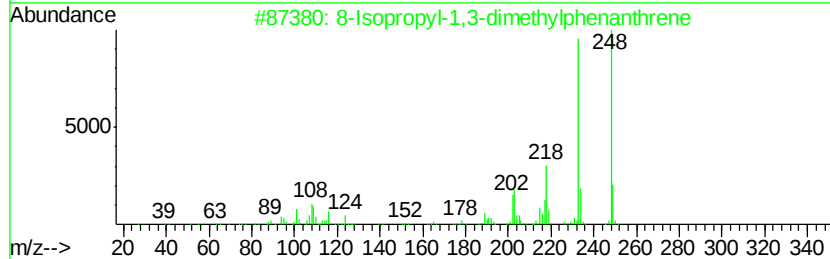
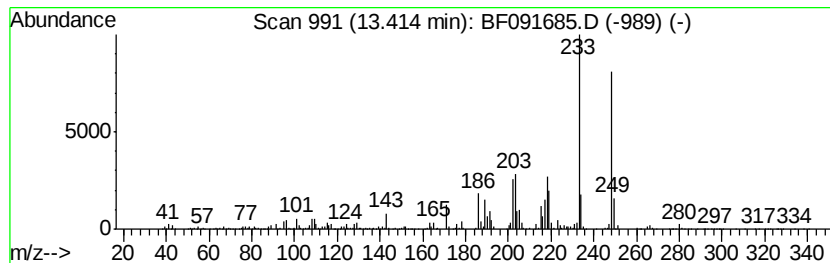
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Isopropyl-1,3-dimethylphe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	74.09 ng	4937280	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	93
2		1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013378-89-7	52
3		1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013379-24-3	43
4		4,4,5',5'-Tetramethyl-bicyclohex...	248	C16H24O2	010517-07-4	40
5		2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091685.D
 Acq On : 16 Dec 2016 20:59
 Operator : UM/SJ
 Sample : H6125-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46(10-12)-12-14-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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
Benzene, (1-methy...	5.93	45.2	ng	4589000	1	6.77	2030490	20.0
Benzene, propyl-	6.24	65.5	ng	6651940	1	6.77	2030490	20.0
unknown6.54	6.54	69.5	ng	7057950	1	6.77	2030490	20.0
Benzene, 1,3-diet...	7.04	51.5	ng	5226750	1	6.77	2030490	20.0
Cyclohexane, pentyl-	7.70	72.6	ng	11530700	2	8.06	3176260	20.0
Benzene, 1,2,4,5-...	7.82	77.7	ng	12331600	2	8.06	3176260	20.0
Octane, 2,3,6-tri...	8.51	64.8	ng	10283900	2	8.06	3176260	20.0
Naphthalene, 1-me...	8.89	86.7	ng	13765700	2	8.06	3176260	20.0
unknown12.75	12.75	210.0	ng	13993000	5	13.95	1332800	20.0
10,18-Bisnorabiet...	12.82	139.1	ng	9267020	5	13.95	1332800	20.0
Benzene, 1,1'-eth...	12.89	128.1	ng	8533790	5	13.95	1332800	20.0
unknown13.02	13.02	707.4	ng	47137500	5	13.95	1332800	20.0
unknown13.09	13.09	79.2	ng	5280460	5	13.95	1332800	20.0
2-Isopropyl-10-me...	13.13	59.5	ng	3967850	5	13.95	1332800	20.0
Benzene, 1-methyl...	13.24	55.4	ng	3692360	5	13.95	1332800	20.0
Phenanthrene, 1-m...	13.33	61.1	ng	4069780	5	13.95	1332800	20.0
8-Isopropyl-1,3-d...	13.41	74.1	ng	4937280	5	13.95	1332800	20.0