

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF089011.D
 Acq On : 15 Jul 2016 3:50
 Operator : UM/SJ
 Sample : H3972-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

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-BF063016.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	1.667	5	7	15	rVV	98127	196798	14.03%	0.655%
2	1.781	15	17	37	rVB	877888	1369636	97.65%	4.557%
3	4.833	281	284	288	rBV	132063	180885	12.90%	0.602%
4	4.982	290	297	301	rBV	10406	39256	2.80%	0.131%
5	5.290	321	324	326	rBV	1239420	1145427	81.66%	3.811%
6	6.342	414	416	419	rBV	856524	1178414	84.01%	3.920%
7	6.467	424	427	429	rBV	951905	1201670	85.67%	3.998%
8	6.525	429	432	434	rVV2	34187	39770	2.84%	0.132%
9	6.685	444	446	448	rBV	265442	281493	20.07%	0.937%
10	6.845	458	460	462	rBV	1056807	883313	62.98%	2.939%
11	6.947	467	469	474	rBV	27633	39915	2.85%	0.133%
12	7.256	493	496	498	rBV	775602	688393	49.08%	2.290%
13	7.976	557	559	560	rBV	478969	419847	29.93%	1.397%
14	8.628	613	616	619	rVB2	25880	52038	3.71%	0.173%
15	8.685	619	621	623	rBV	100401	84475	6.02%	0.281%
16	8.742	623	626	628	rVV	42220	52202	3.72%	0.174%
17	8.788	628	630	632	rVB	53980	50462	3.60%	0.168%
18	9.050	651	653	655	rVB	1349295	1097605	78.25%	3.652%
19	9.142	655	661	664	rBV	27798	44737	3.19%	0.149%
20	9.382	680	682	684	rBV	42391	49993	3.56%	0.166%
21	9.451	686	688	690	rVB	344793	322438	22.99%	1.073%
22	9.588	697	700	702	rBV	477105	501168	35.73%	1.667%
23	9.725	709	712	713	rBV	397751	379735	27.07%	1.263%
24	9.748	713	714	717	rVB	33547	40553	2.89%	0.135%
25	9.931	727	730	732	rBV	43303	64025	4.56%	0.213%
26	10.033	737	739	740	rBV	65752	70534	5.03%	0.235%
27	10.068	740	742	745	rVB2	23807	47774	3.41%	0.159%
28	10.113	745	746	749	rBV3	19753	40155	2.86%	0.134%
29	10.171	749	751	753	rVB	118151	96934	6.91%	0.322%
30	10.239	753	757	758	rBV	54434	55860	3.98%	0.186%
31	10.262	758	759	763	rVB	75108	115525	8.24%	0.384%
32	10.376	766	769	772	rBV2	57622	93033	6.63%	0.310%
33	10.445	772	775	778	rBV2	41284	60578	4.32%	0.202%
34	10.502	778	780	783	rVB2	479950	622321	44.37%	2.070%

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35	10.628	790	791	794	rBV2	64679	104204	7.43%	0.347%
36	10.731	797	800	801	rBV3	25360	39353	2.81%	0.131%
37	10.811	805	807	809	rBV2	31612	56400	4.02%	0.188%
38	10.959	818	820	823	rVB	47721	42195	3.01%	0.140%
39	11.005	823	824	827	rVB2	82688	94199	6.72%	0.313%
40	11.085	827	831	835	rVB4	63008	126699	9.03%	0.422%
41	11.199	839	841	842	rBV	425124	397728	28.36%	1.323%
42	11.222	842	843	846	rVB	682970	522878	37.28%	1.740%
43	11.268	846	847	849	rVB	254050	306250	21.83%	1.019%
44	11.302	849	850	853	rVB2	73506	86270	6.15%	0.287%
45	11.428	858	861	863	rBV	106627	124887	8.90%	0.415%
46	11.542	869	871	873	rVB2	97180	154240	11.00%	0.513%
47	11.611	873	877	879	rVB3	53016	100767	7.18%	0.335%
48	11.702	879	885	886	rBV	156823	272835	19.45%	0.908%
49	11.725	886	887	890	rVB2	174156	254597	18.15%	0.847%
50	11.771	890	891	893	rVB	178890	151472	10.80%	0.504%
51	11.816	893	895	897	rBV2	273888	455426	32.47%	1.515%
52	11.874	899	900	902	rBV2	42759	49781	3.55%	0.166%
53	11.931	902	905	907	rVB3	45904	74999	5.35%	0.250%
54	11.988	907	910	911	rBV2	132533	210607	15.02%	0.701%
55	12.091	918	919	921	rVB2	102062	74331	5.30%	0.247%
56	12.148	921	924	925	rBV2	74747	94676	6.75%	0.315%
57	12.251	930	933	934	rBV	197654	240623	17.16%	0.801%
58	12.285	934	936	937	rVV	181097	194354	13.86%	0.647%
59	12.331	939	940	943	rVV2	230317	301226	21.48%	1.002%
60	12.411	945	947	949	rVB	1210322	1094050	78.00%	3.640%
61	12.468	949	952	954	rBV2	139334	250741	17.88%	0.834%
62	12.502	954	955	957	rVV	212808	176956	12.62%	0.589%
63	12.548	957	959	960	rVV	79346	79191	5.65%	0.263%
64	12.639	964	967	969	rBV	1228405	1402634	100.00%	4.666%
65	12.674	969	970	973	rVB3	54717	86641	6.18%	0.288%
66	12.754	975	977	978	rBV	96637	82280	5.87%	0.274%
67	12.788	978	980	982	rVB	879843	977511	69.69%	3.252%
68	12.857	983	986	987	rBV2	135712	171769	12.25%	0.571%
69	12.959	992	995	997	rVB	257190	411522	29.34%	1.369%
70	13.005	997	999	1000	rBV2	87215	120398	8.58%	0.401%
71	13.028	1000	1001	1002	rVV	211811	170472	12.15%	0.567%

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72	13.062	1002	1004	1008	rVV	216108	293509	20.93%	0.976%
73	13.131	1008	1010	1011	rVV	63456	88490	6.31%	0.294%
74	13.154	1011	1012	1014	rVV	176256	192566	13.73%	0.641%
75	13.188	1014	1015	1018	rVV	167287	189318	13.50%	0.630%
76	13.257	1020	1021	1026	rVB3	90764	138920	9.90%	0.462%
77	13.462	1037	1039	1042	rVB2	84872	145563	10.38%	0.484%
78	13.577	1046	1049	1050	rBV	141978	215083	15.33%	0.716%
79	13.691	1056	1059	1063	rVB3	107995	199565	14.23%	0.664%
80	13.828	1068	1071	1072	rBV2	696050	1130117	80.57%	3.760%
81	13.931	1078	1080	1081	rBV2	96087	104433	7.45%	0.347%
82	13.965	1081	1083	1085	rVV2	70550	107883	7.69%	0.359%
83	14.217	1103	1105	1106	rBV	157530	150274	10.71%	0.500%
84	14.251	1106	1108	1109	rVB	85056	86570	6.17%	0.288%
85	14.320	1112	1114	1116	rBV3	101176	217483	15.51%	0.724%
86	14.594	1136	1138	1139	rBV2	71386	107239	7.65%	0.357%
87	14.834	1156	1159	1163	rBV	630881	1194072	85.13%	3.973%
88	14.925	1164	1167	1171	rVB2	305426	544871	38.85%	1.813%
89	15.097	1179	1182	1185	rVB	413848	535214	38.16%	1.781%
90	15.154	1185	1187	1189	rVV	585184	694198	49.49%	2.310%
91	15.211	1189	1192	1193	rVV	127320	245148	17.48%	0.816%
92	15.234	1193	1194	1201	rVB2	215213	289773	20.66%	0.964%
93	15.417	1208	1210	1214	rVB3	131426	212285	15.13%	0.706%
94	15.634	1226	1229	1230	rBV2	108013	161871	11.54%	0.539%
95	15.668	1230	1232	1234	rVB	54976	66265	4.72%	0.220%
96	16.503	1301	1305	1308	rVB	289662	530598	37.83%	1.765%
97	16.651	1315	1318	1320	rBV	67070	147005	10.48%	0.489%
98	16.891	1335	1339	1345	rBV	214484	450870	32.14%	1.500%
99	17.006	1346	1349	1353	rVB5	61364	146642	10.45%	0.488%
100	17.886	1423	1426	1433	rVB3	99310	309837	22.09%	1.031%

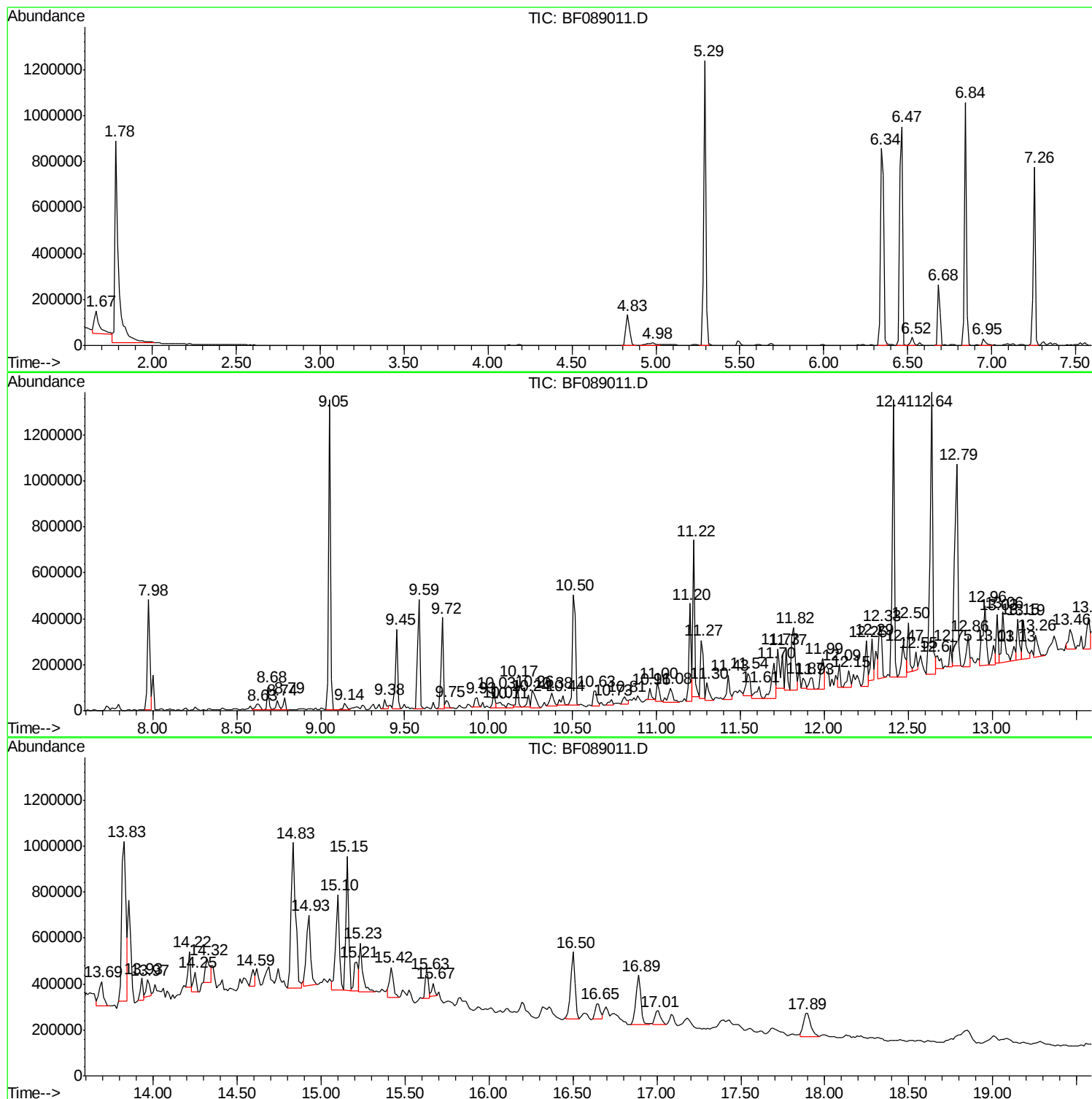
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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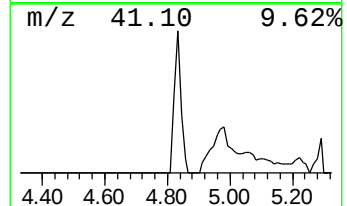
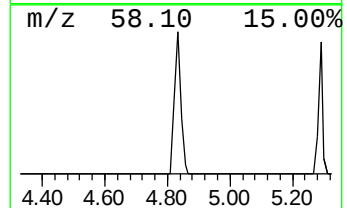
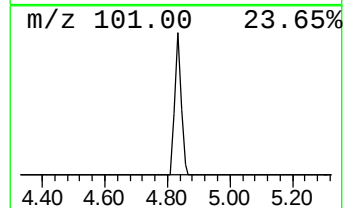
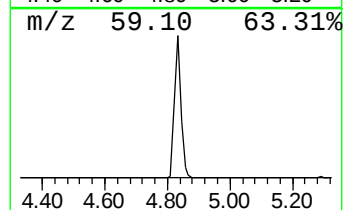
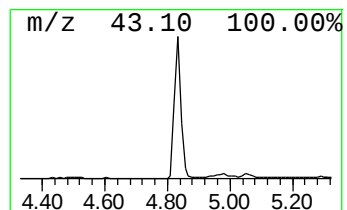
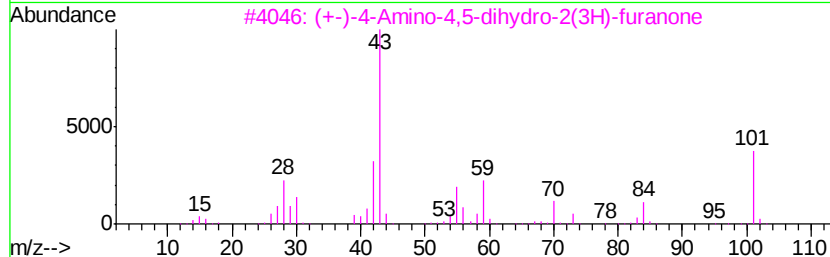
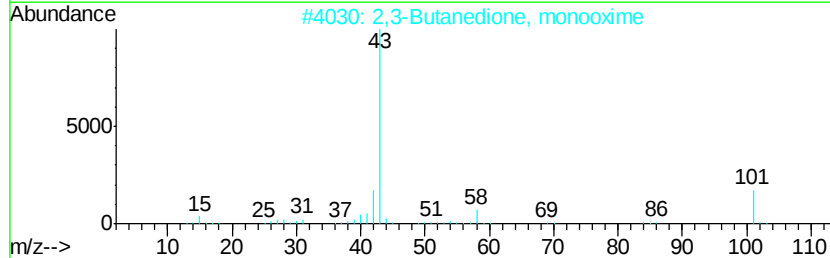
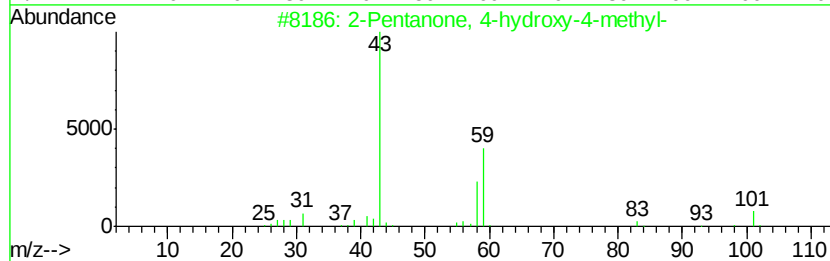
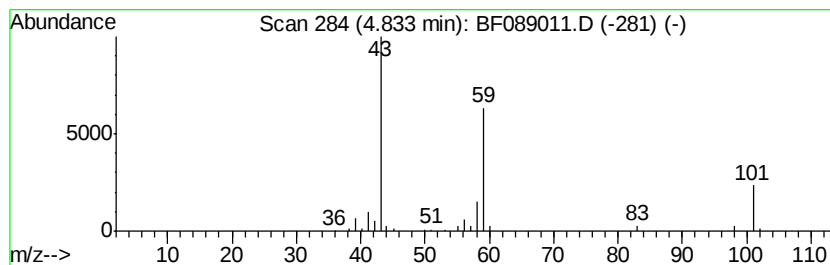
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	12.85 ng	180885	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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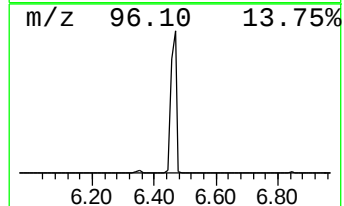
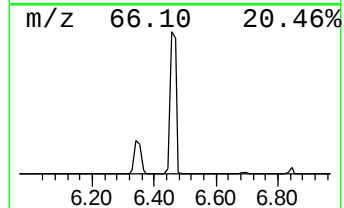
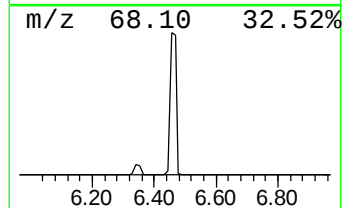
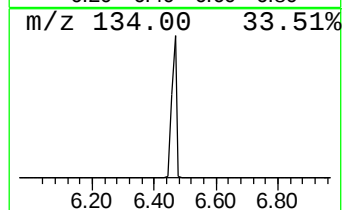
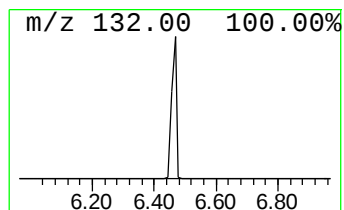
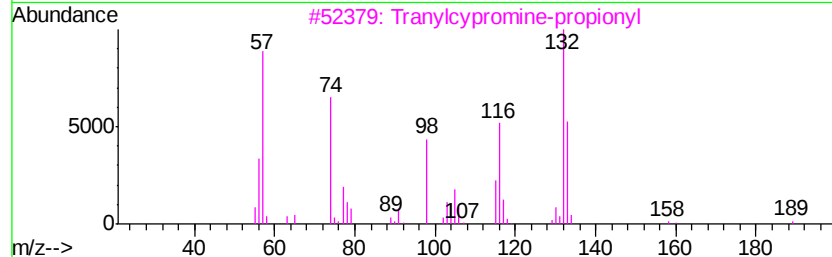
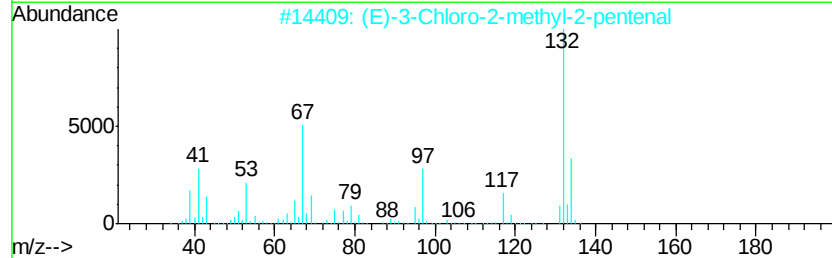
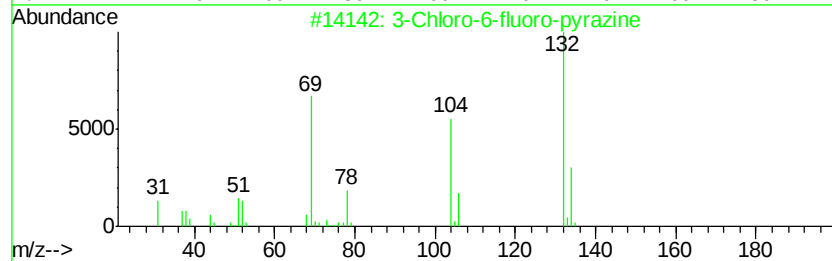
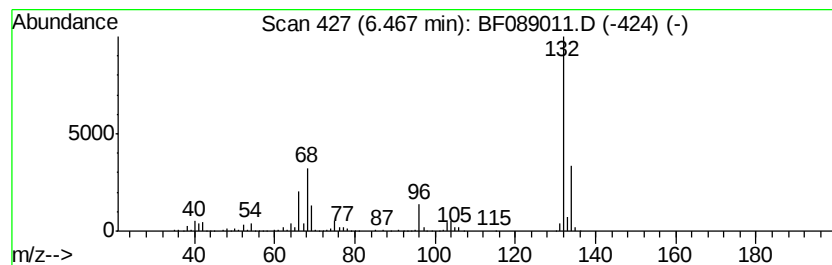
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.47 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	85.38 ng	1201670	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
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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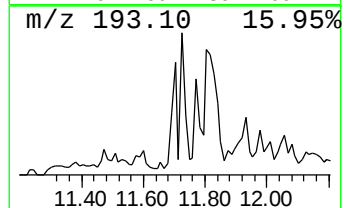
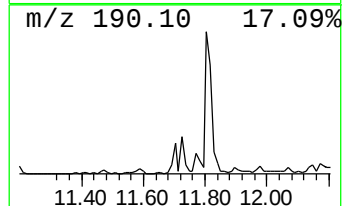
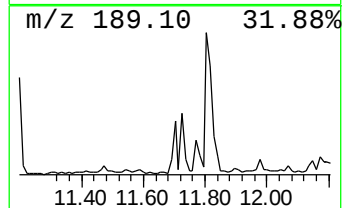
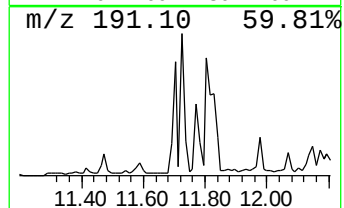
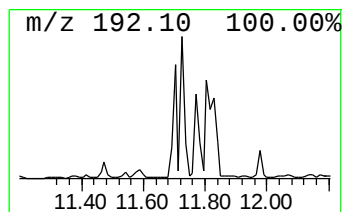
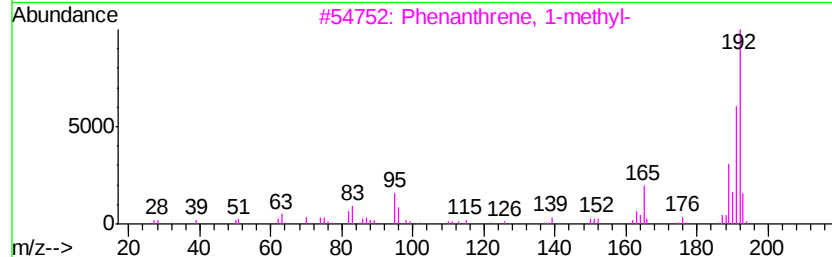
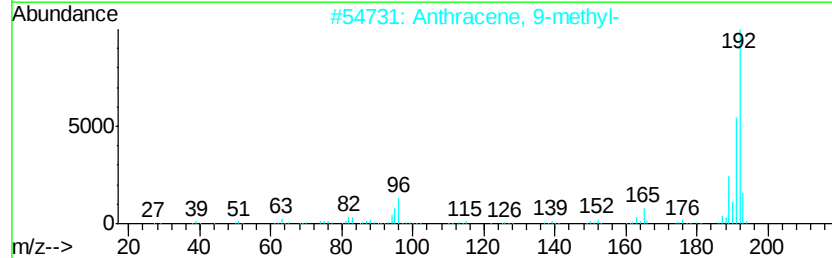
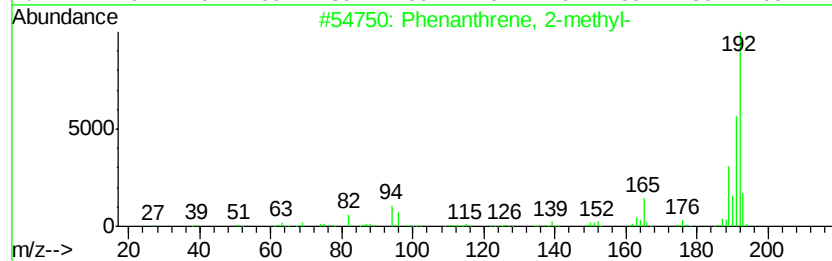
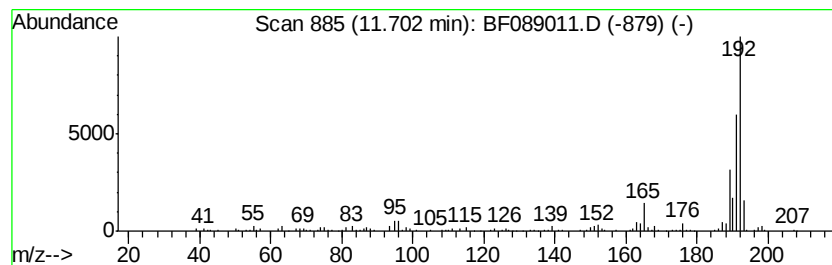
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	13.72 ng	272835	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

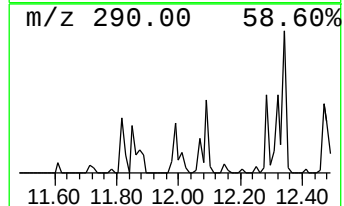
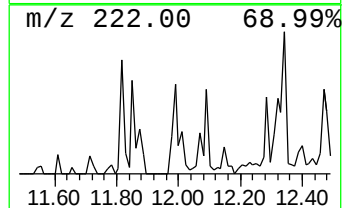
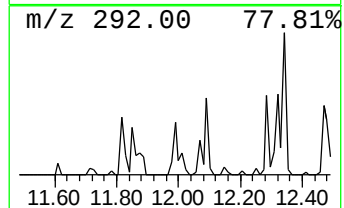
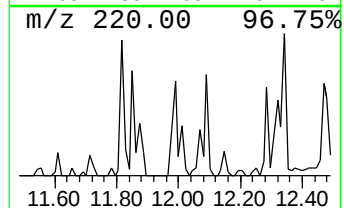
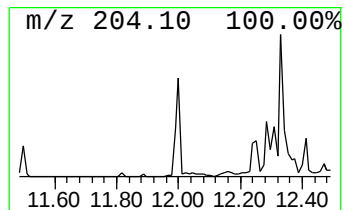
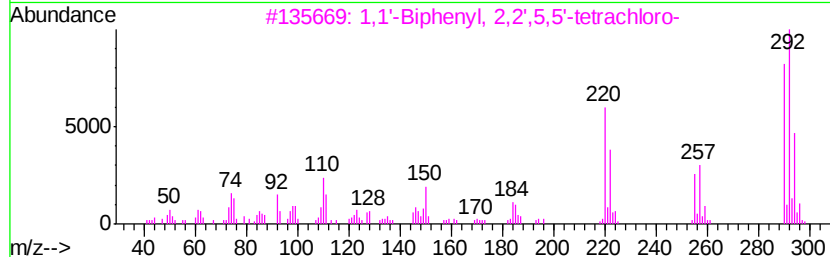
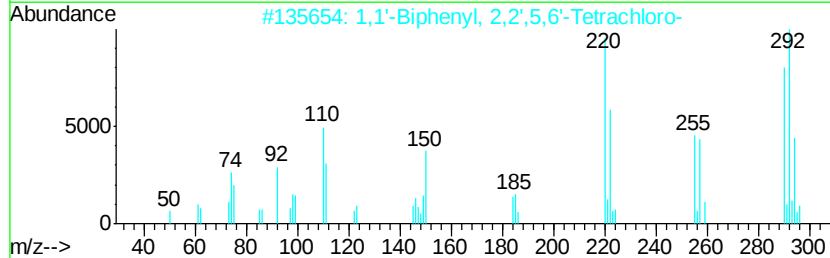
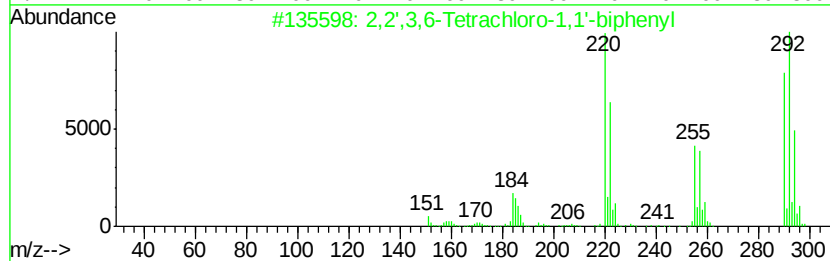
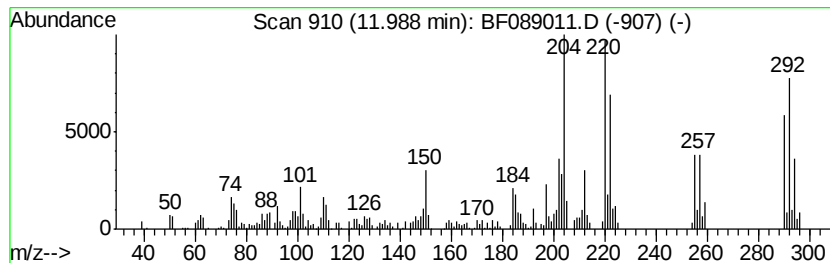
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	10.59 ng	210607	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	99
2		1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	99
3		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4		2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
5		1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

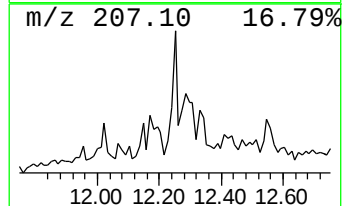
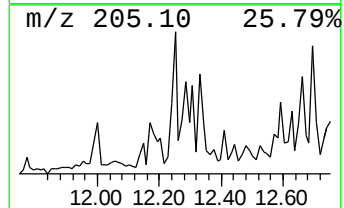
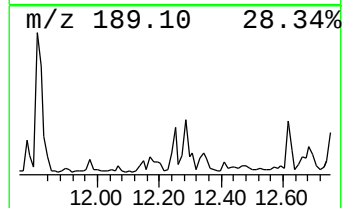
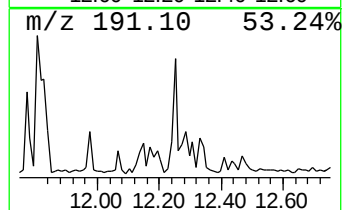
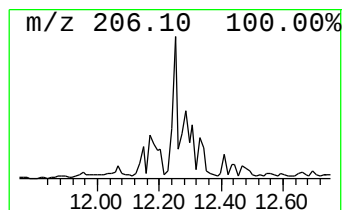
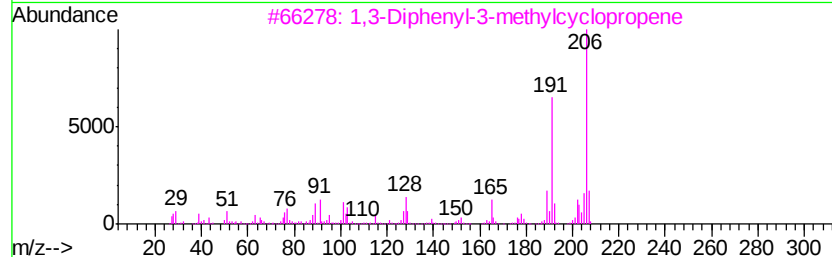
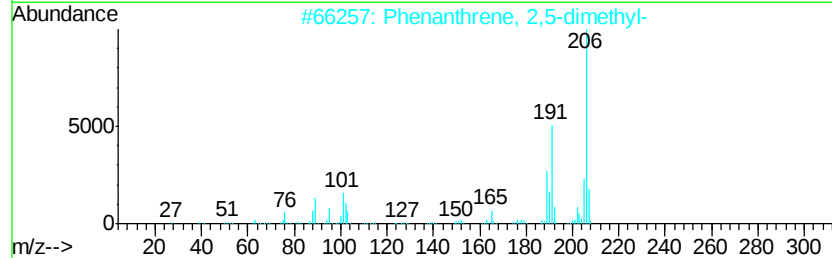
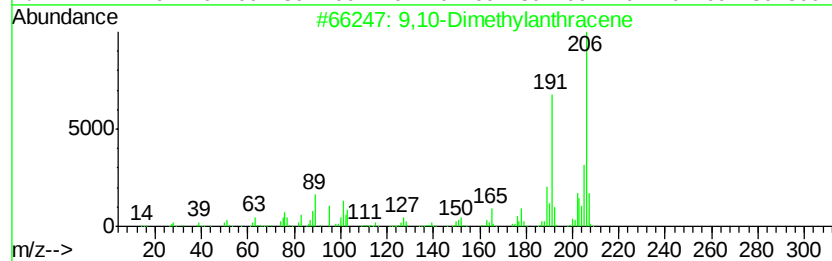
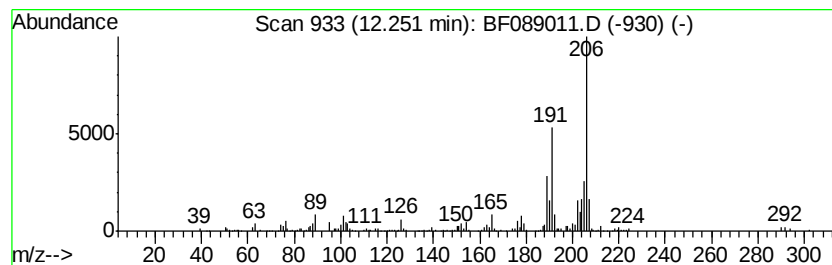
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	12.10 ng	240623	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

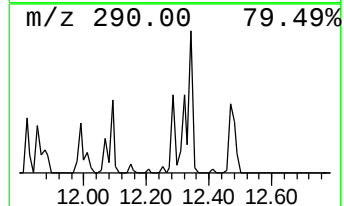
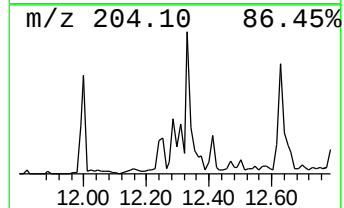
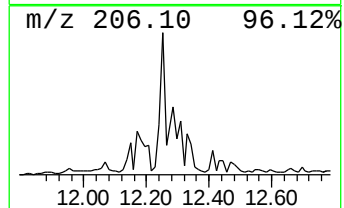
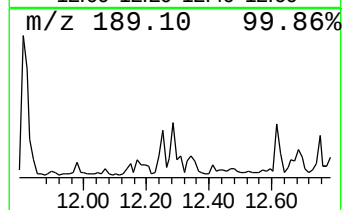
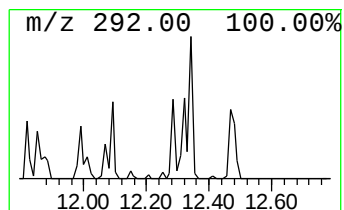
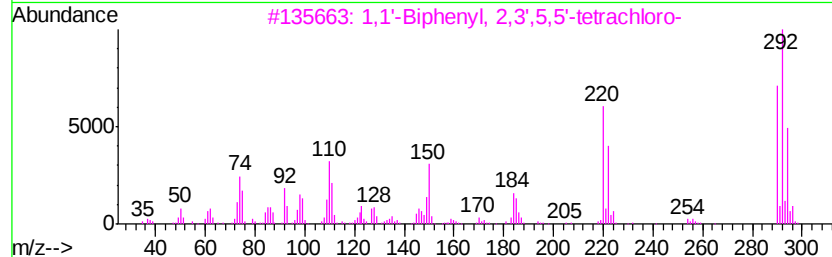
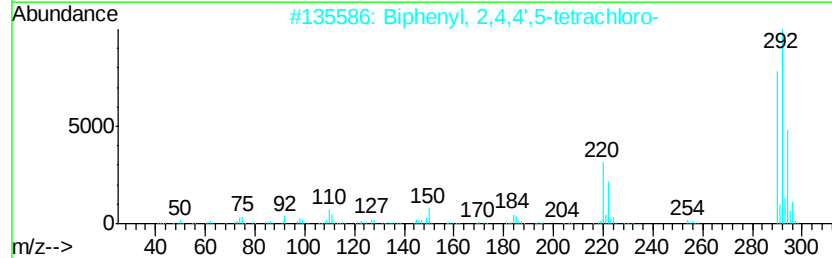
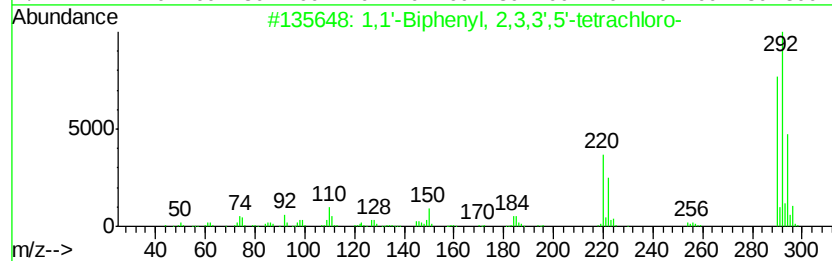
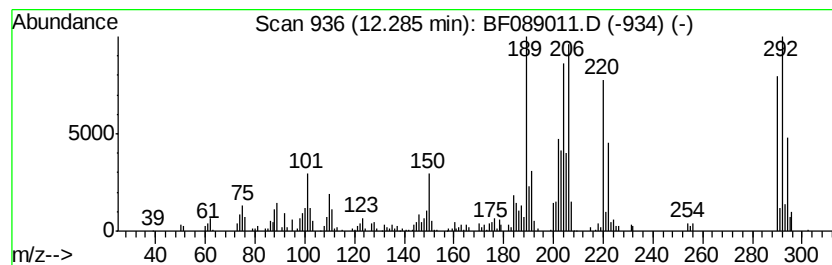
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.29	9.77 ng	194354	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	97
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	97
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	97
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

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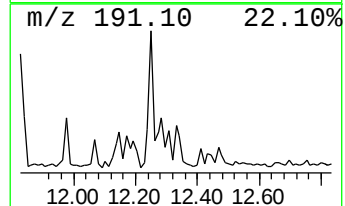
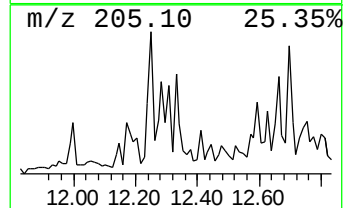
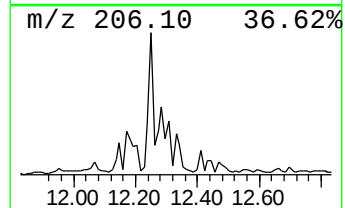
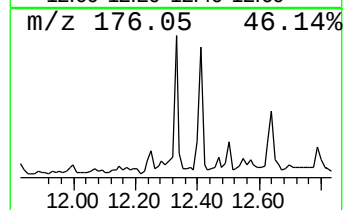
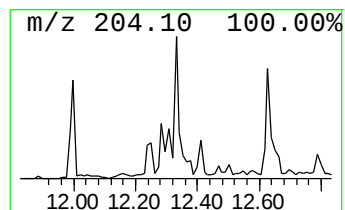
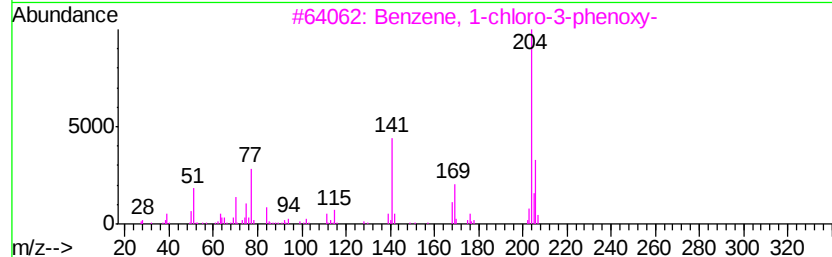
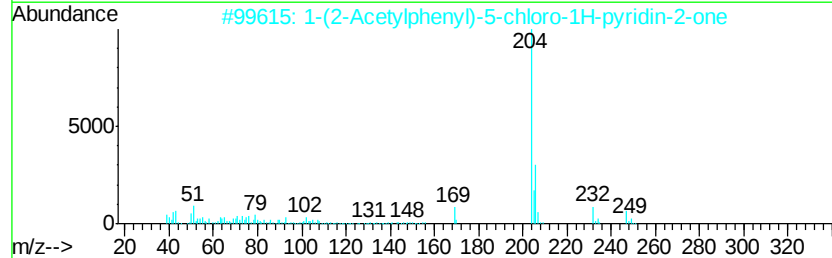
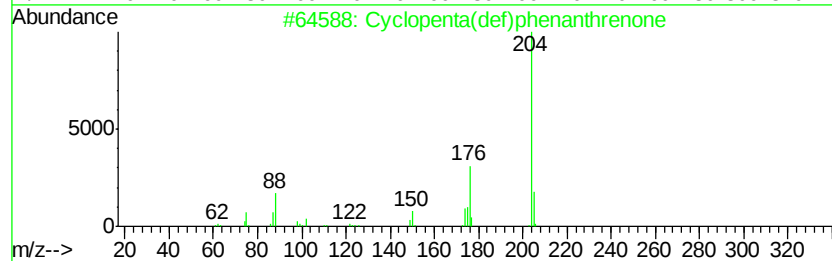
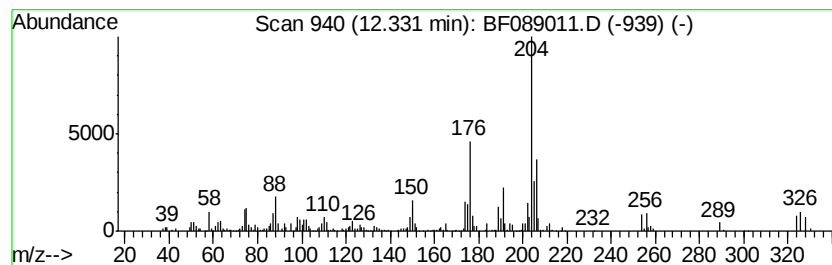
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	15.15 ng	301226	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	43
3		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
4		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

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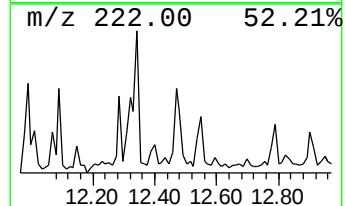
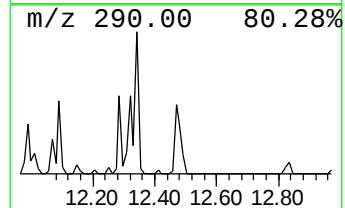
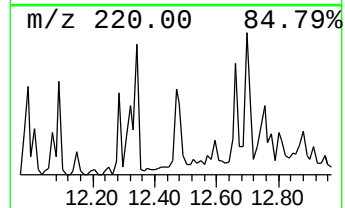
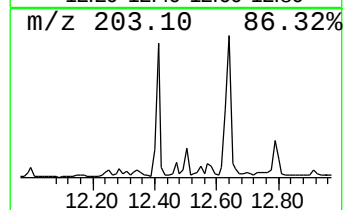
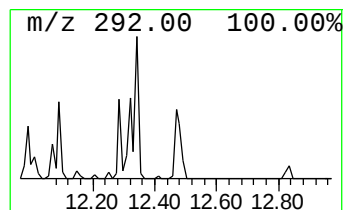
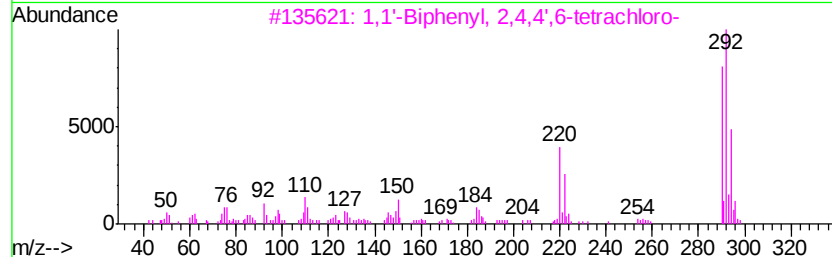
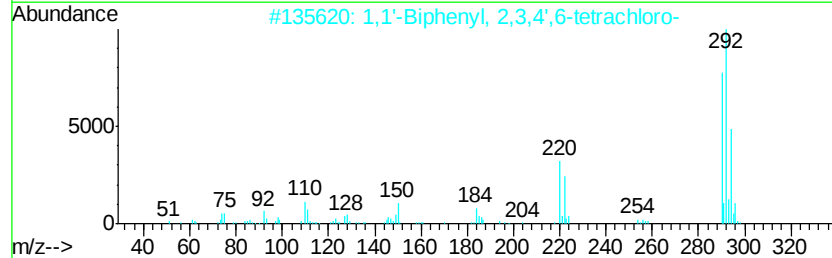
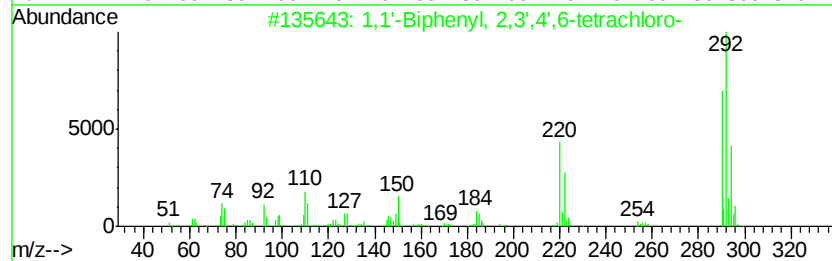
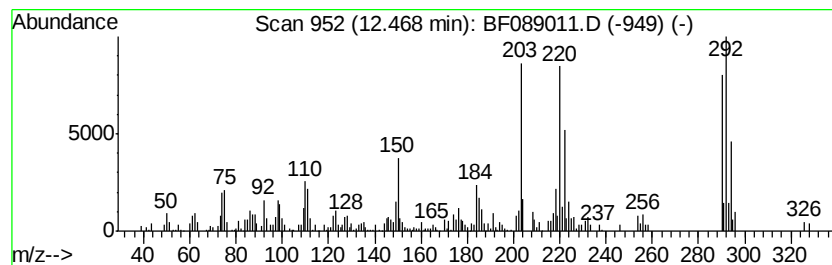
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3',4',6-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	12.61 ng	250741	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	99
2		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3		1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99
4		1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
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Acq On : 15 Jul 2016 3:50
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Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

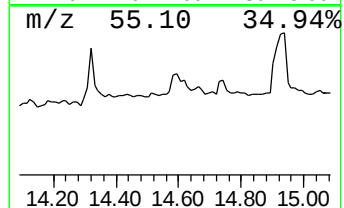
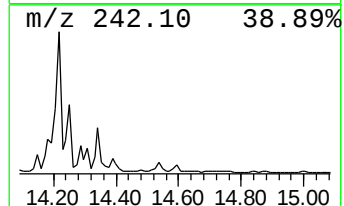
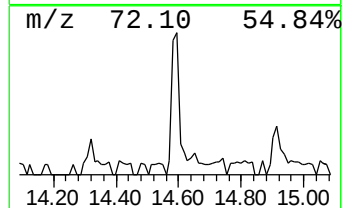
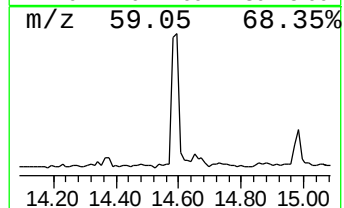
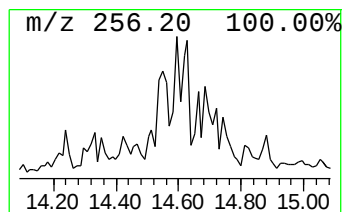
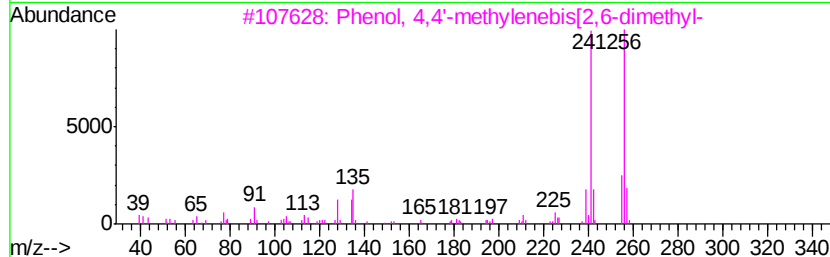
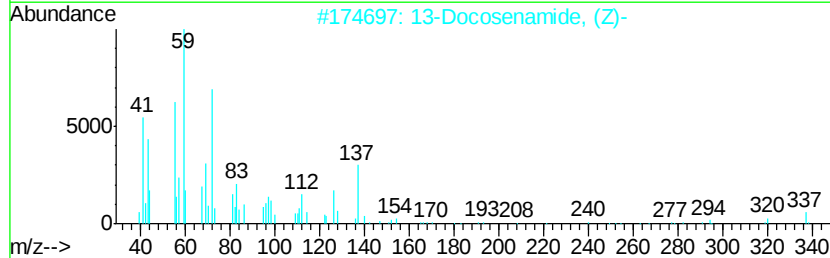
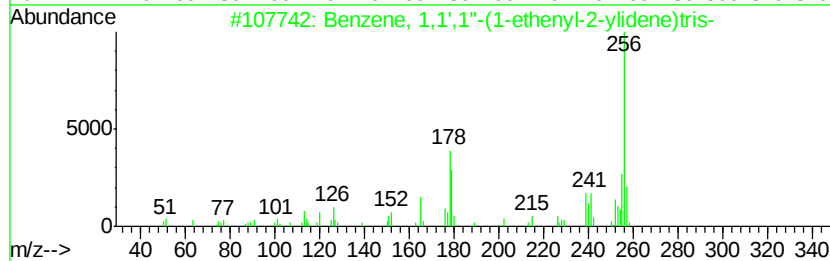
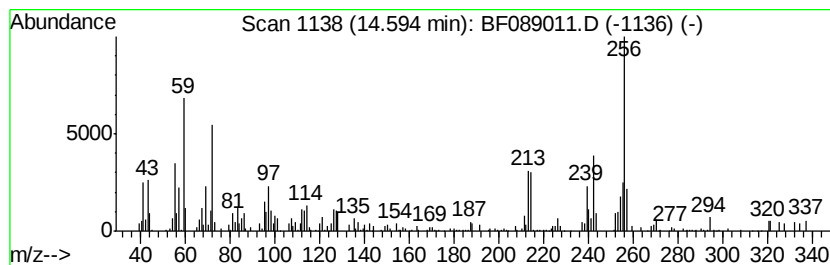
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,1',1''-(1-etheny... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.59	8.75 ng	107239	Perylene-d12	15.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1',1''-(1-ethenvl-2-v...	256	C20H16	000058-72-0	50
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	46
3		Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	46
4		Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	46
5		Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSS-SS-SS02(0-2in)

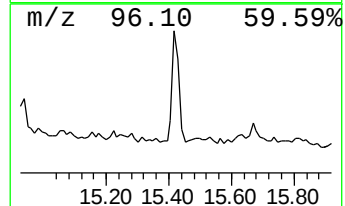
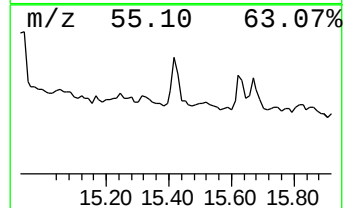
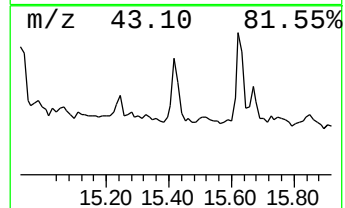
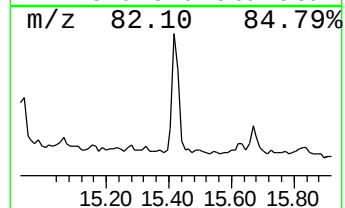
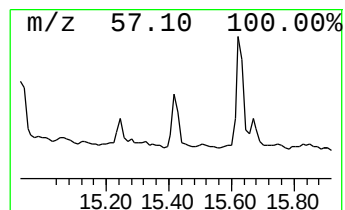
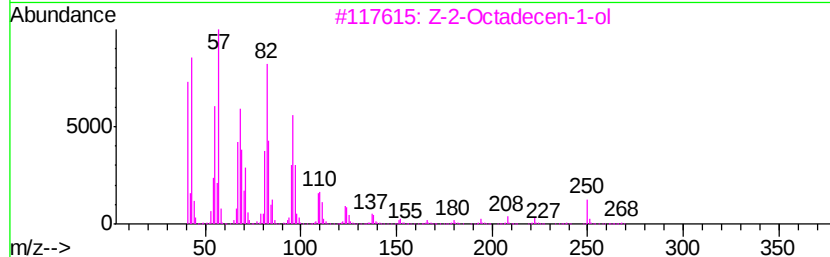
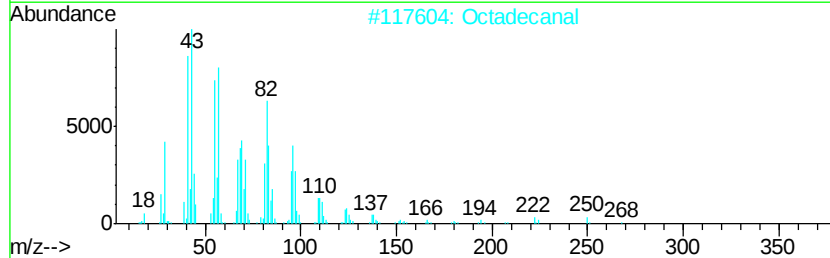
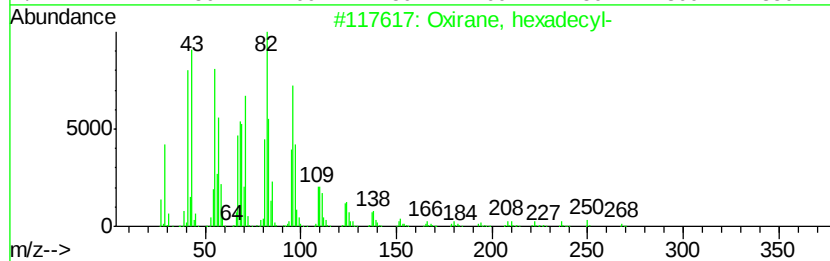
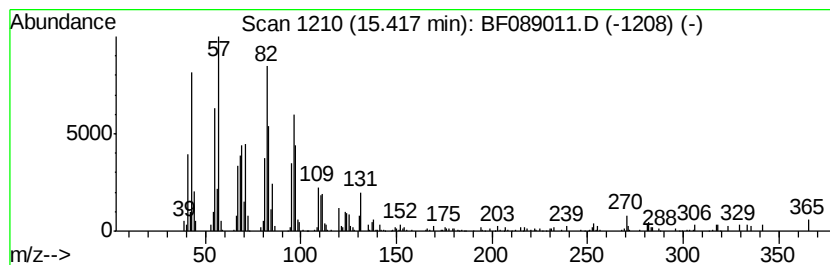
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	17.32 ng	212285	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2		Octadecanal	268	C18H36O	000638-66-4	94
3		Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	90
4		17-Octadecenal	266	C18H34O	056554-86-0	87
5		16-Octadecenal	266	C18H34O	056554-87-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

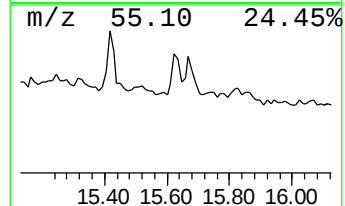
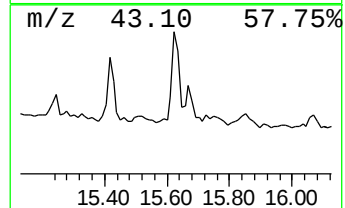
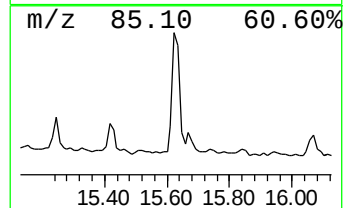
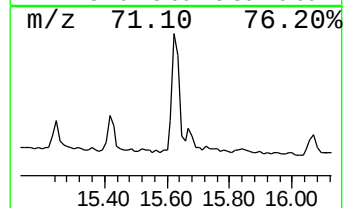
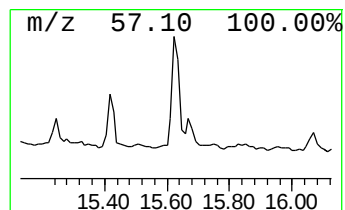
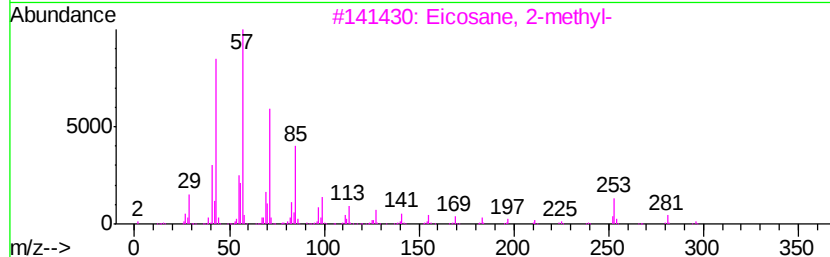
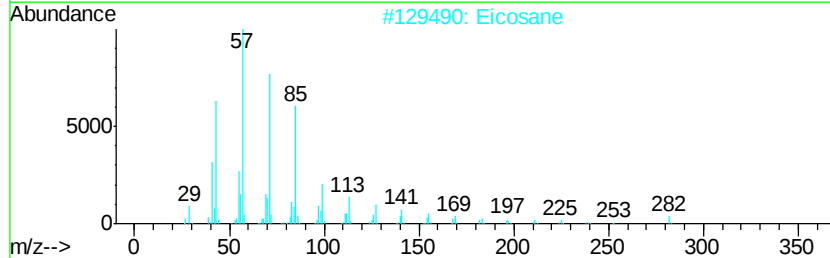
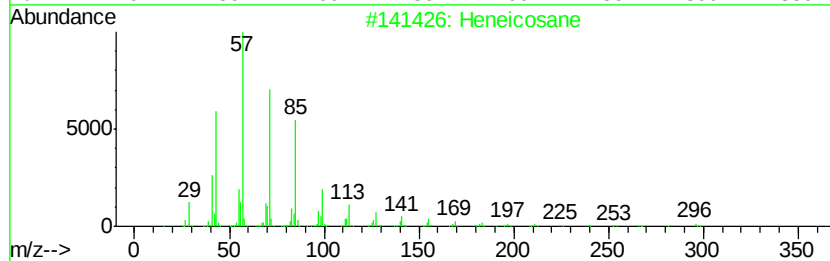
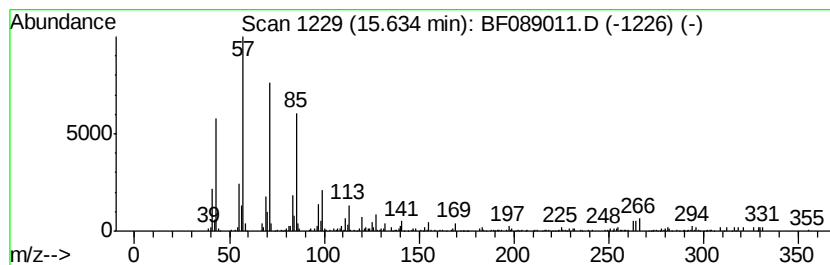
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	13.21 ng	161871	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane	282	C20H42	000112-95-8	90
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	89
4		2-methyltetracosane	352	C25H52	1000376-72-6	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSS-SS-SS02(0-2in)

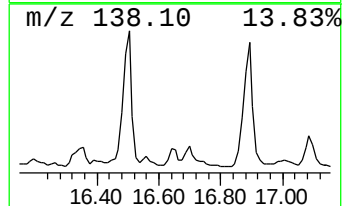
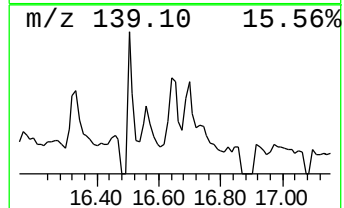
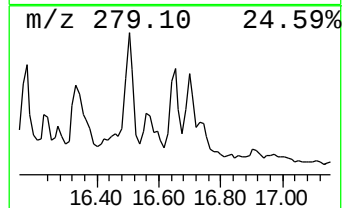
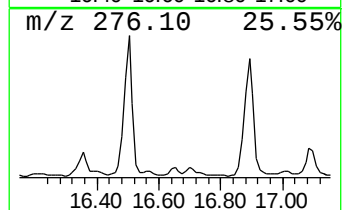
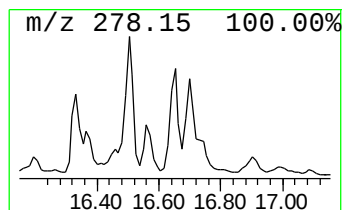
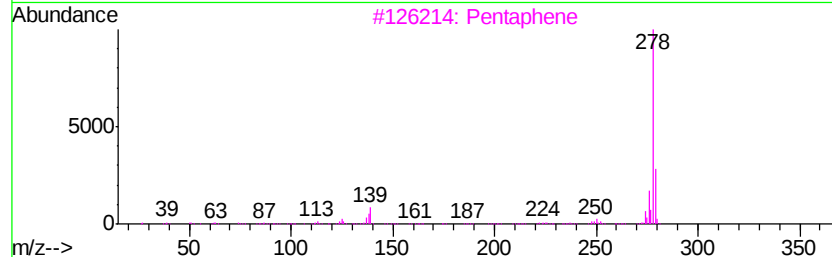
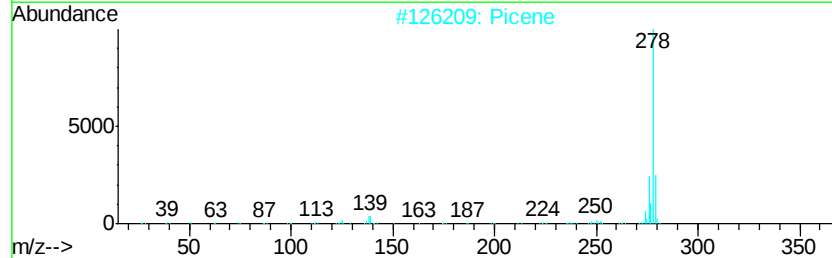
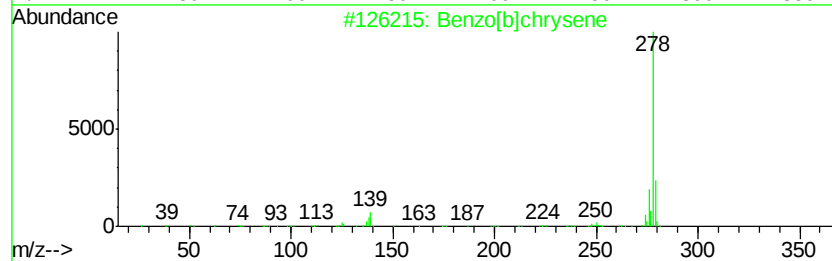
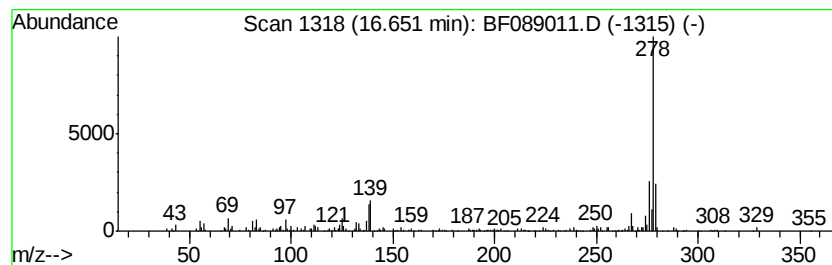
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	11.99 ng	147005	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]chrysene	278	C22H14	000214-17-5	97
2		Picene	278	C22H14	000213-46-7	97
3		Pentaphene	278	C22H14	000222-93-5	96
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
5		Benzo[b]triphenylene	278	C22H14	000215-58-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

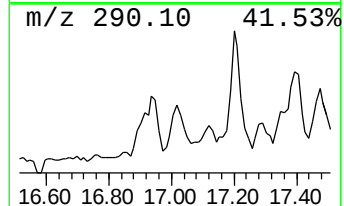
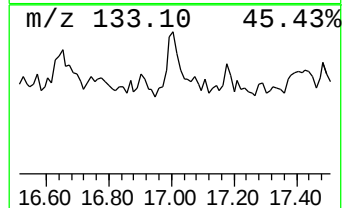
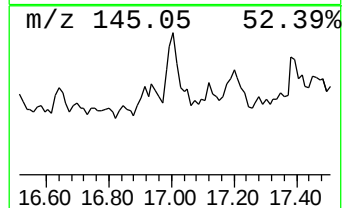
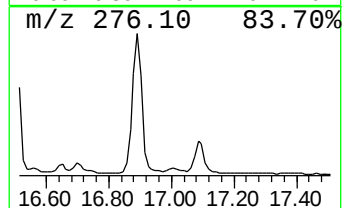
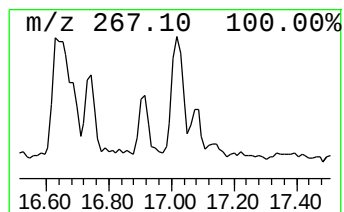
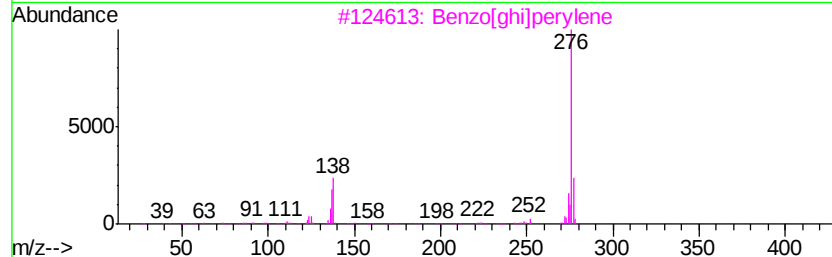
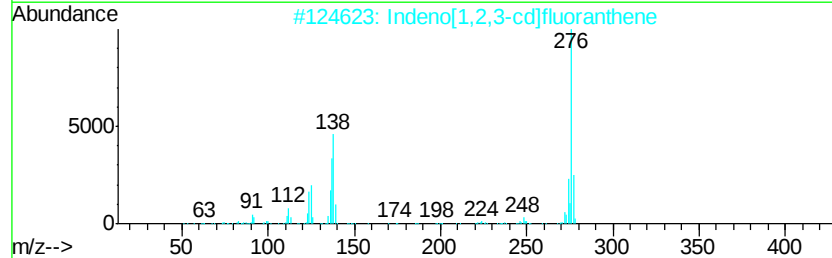
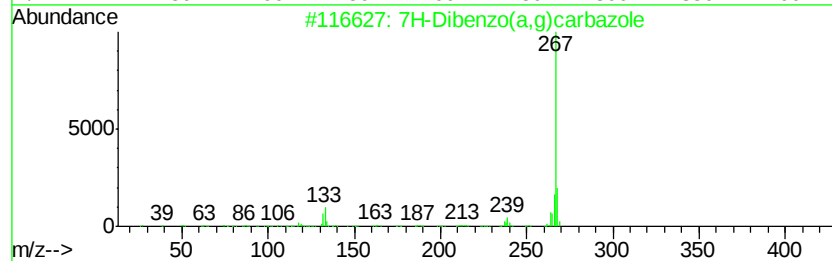
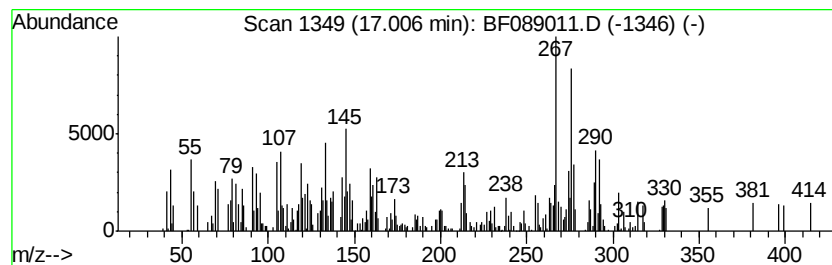
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	11.96 ng	146642	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	18
2		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	18
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	18
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	18
5		7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSS-SS-SS02(0-2in)

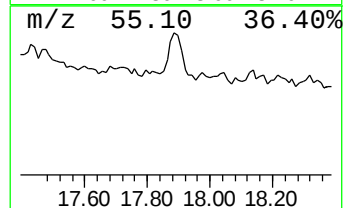
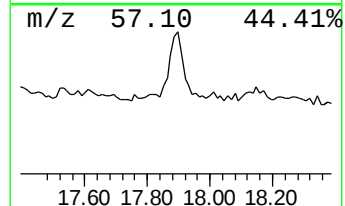
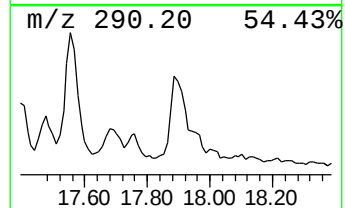
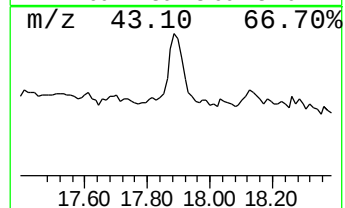
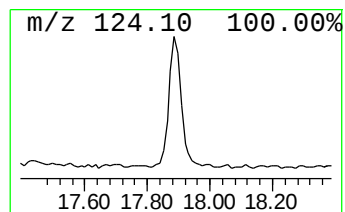
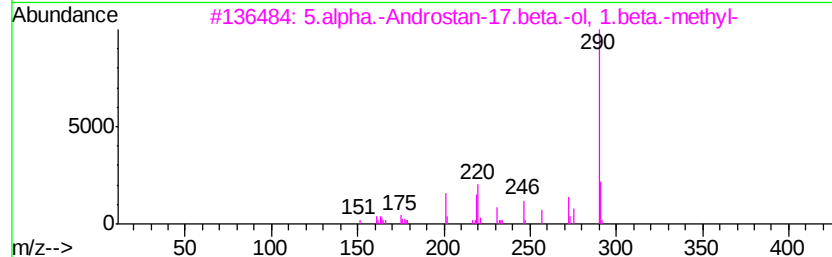
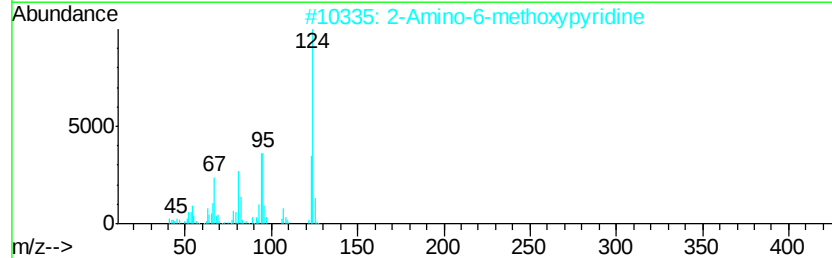
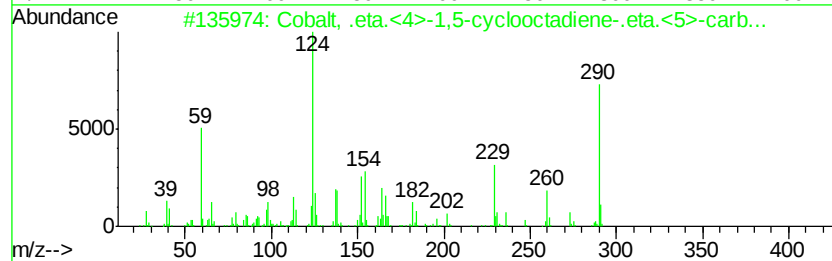
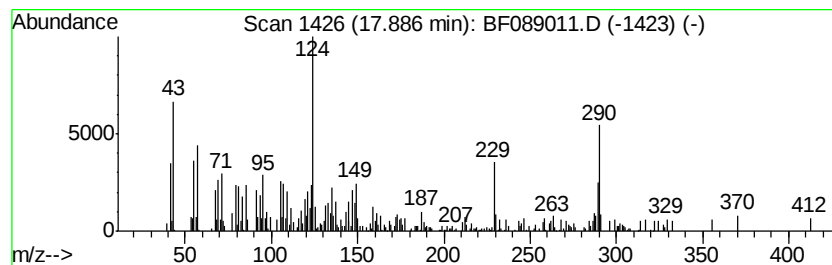
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	25.28 ng	309837	Perylene-d12	15.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cobalt, .eta.<4>-1,5-cyclooctadi...	290	C15H19CoO2	092468-04-7	49
2		2-Amino-6-methoxypyrindine	124	C6H8N2O	017920-35-3	30
3		5.alpha.-Androstan-17.beta.-ol, ...	290	C20H34O	005846-88-8	30
4		Atropine	289	C17H23NO3	000051-55-8	30
5		Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF089011.D
 Acq On : 15 Jul 2016 3:50
 Operator : UM/SJ
 Sample : H3972-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	12.9	ng	180885	1	6.68	281493	20.0
unknown6.47	6.47	85.4	ng	1201670	1	6.68	281493	20.0
Phenanthrene, 2-m...	11.70	13.7	ng	272835	4	11.20	397728	20.0
2,2',3,6-Tetrachl...	11.99	10.6	ng	210607	4	11.20	397728	20.0
9,10-Dimethylanthe...	12.25	12.1	ng	240623	4	11.20	397728	20.0
1,1'-Biphenyl, 2,...	12.29	9.8	ng	194354	4	11.20	397728	20.0
Cyclopenta(def)ph...	12.33	15.2	ng	301226	4	11.20	397728	20.0
1,1'-Biphenyl, 2,...	12.47	12.6	ng	250741	4	11.20	397728	20.0
Benzene, 1,1',1'...	14.59	8.8	ng	107239	6	15.21	245148	20.0
Oxirane, hexadecyl-	15.42	17.3	ng	212285	6	15.21	245148	20.0
Heneicosane	15.63	13.2	ng	161871	6	15.21	245148	20.0
Benzo[b]chrysene	16.65	12.0	ng	147005	6	15.21	245148	20.0
unknown17.01	17.01	12.0	ng	146642	6	15.21	245148	20.0
unknown17.89	17.89	25.3	ng	309837	6	15.21	245148	20.0