

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089960.D
 Acq On : 31 Aug 2016 19:49
 Operator : UM/SJ
 Sample : H4635-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16FT-SOIL

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-BF083116.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	1.633	3	4	13	rVV	230053	483521	8.40%	0.665%
2	1.747	13	14	55	rVB	1279004	3283607	57.04%	4.513%
3	3.370	152	156	162	rBV	49962	96743	1.68%	0.133%
4	4.776	276	279	288	rVB	884085	1418461	24.64%	1.950%
5	5.222	315	318	320	rBV	4471007	5238686	91.01%	7.201%
6	6.285	407	411	413	rBV	4541896	5654367	98.23%	7.772%
7	6.399	418	421	424	rBV	4019103	5143294	89.35%	7.070%
8	6.639	439	442	444	rBV	982664	1076233	18.70%	1.479%
9	6.787	453	455	457	rBV	3054114	4022913	69.89%	5.530%
10	7.050	477	478	480	rVB	121322	106662	1.85%	0.147%
11	7.199	488	491	494	rBV	2497987	3398899	59.05%	4.672%
12	7.668	529	532	534	rBV2	57800	99361	1.73%	0.137%
13	7.919	552	554	558	rBV2	1608460	1803689	31.33%	2.479%
14	7.999	558	561	563	rVV	44258	74025	1.29%	0.102%
15	8.365	591	593	597	rBV	133143	171234	2.97%	0.235%
16	8.628	614	616	618	rVB	200973	179560	3.12%	0.247%
17	8.731	622	625	627	rVB	387861	393463	6.84%	0.541%
18	8.959	643	645	646	rBV	131730	107176	1.86%	0.147%
19	9.005	646	649	651	rVB	4416672	5756239	100.00%	7.912%
20	9.096	653	657	659	rBV3	67312	137547	2.39%	0.189%
21	9.188	662	665	668	rVB	83396	140258	2.44%	0.193%
22	9.256	668	671	673	rBV	61718	105623	1.83%	0.145%
23	9.325	675	677	681	rBV	122380	182223	3.17%	0.250%
24	9.393	681	683	686	rVB	1439813	1393234	24.20%	1.915%
25	9.519	693	694	696	rBV	81660	76483	1.33%	0.105%
26	9.668	704	707	708	rBV	1383632	1506158	26.17%	2.070%
27	9.691	708	709	712	rVV	763829	970842	16.87%	1.334%
28	9.771	714	716	719	rBV3	35645	74169	1.29%	0.102%
29	9.862	722	724	727	rVV	120073	151291	2.63%	0.208%
30	10.091	740	744	745	rBV2	36900	74332	1.29%	0.102%
31	10.205	752	754	756	rBV	492571	395072	6.86%	0.543%
32	10.274	756	760	763	rVB3	70866	118808	2.06%	0.163%
33	10.342	763	766	767	rVB2	93265	142369	2.47%	0.196%
34	10.445	772	775	777	rBV	2764584	2820210	48.99%	3.876%

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35	10.605	784	789	791	rBV	206534	320197	5.56%	0.440%
36	10.754	798	802	803	rBV2	68519	134514	2.34%	0.185%
37	10.776	803	804	806	rVV	79635	81742	1.42%	0.112%
38	10.834	806	809	811	rVB2	63357	79496	1.38%	0.109%
39	10.994	821	823	825	rBV2	66307	99222	1.72%	0.136%
40	11.028	825	826	828	rVV	143191	142091	2.47%	0.195%
41	11.062	828	829	833	rVB2	90526	86619	1.50%	0.119%
42	11.154	833	837	839	rBV2	1279676	2651954	46.07%	3.645%
43	11.211	839	842	843	rVV	547026	598129	10.39%	0.822%
44	11.245	843	845	848	rVV3	103944	119629	2.08%	0.164%
45	11.359	852	855	857	rBV2	77128	119641	2.08%	0.164%
46	11.439	860	862	866	rVB4	61398	109176	1.90%	0.150%
47	11.634	876	879	880	rBV	195844	188103	3.27%	0.259%
48	11.657	880	881	883	rVV	222592	214044	3.72%	0.294%
49	11.702	883	885	887	rVV3	103981	196224	3.41%	0.270%
50	11.737	887	888	890	rVV	311089	478681	8.32%	0.658%
51	11.782	890	892	893	rVB2	148034	189905	3.30%	0.261%
52	11.874	898	900	903	rVV3	257567	370574	6.44%	0.509%
53	11.931	903	905	908	rVB	207691	228955	3.98%	0.315%
54	11.988	908	910	913	rBV2	165226	181970	3.16%	0.250%
55	12.079	916	918	921	rBV	77275	101193	1.76%	0.139%
56	12.171	924	926	928	rBV2	75193	130981	2.28%	0.180%
57	12.331	938	940	943	rBV	1206239	1281297	22.26%	1.761%
58	12.388	943	945	947	rBV2	152018	152594	2.65%	0.210%
59	12.422	947	948	950	rVB	72651	80383	1.40%	0.110%
60	12.479	950	953	957	rBV3	43317	84311	1.46%	0.116%
61	12.559	957	960	962	rBV	1625287	1635724	28.42%	2.248%
62	12.685	968	971	972	rBV	93704	126605	2.20%	0.174%
63	12.719	972	974	976	rVV	3990103	3825507	66.46%	5.258%
64	12.777	976	979	981	rVV2	72209	133289	2.32%	0.183%
65	12.845	983	985	987	rBV	212808	293177	5.09%	0.403%
66	12.891	987	989	990	rVB	214138	228833	3.98%	0.315%
67	12.960	993	995	996	rBV	158748	215411	3.74%	0.296%
68	12.994	996	998	999	rVB	104792	120686	2.10%	0.166%
69	13.085	1004	1006	1007	rVB	65975	74500	1.29%	0.102%
70	13.108	1007	1008	1013	rVB2	113969	144050	2.50%	0.198%
71	13.291	1020	1024	1027	rBV4	62042	157003	2.73%	0.216%

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72	13.382	1029	1032	1035	rBV2	44503	96526	1.68%	0.133%
73	13.497	1039	1042	1043	rBV	73390	99663	1.73%	0.137%
74	13.531	1043	1045	1047	rBV2	81995	102684	1.78%	0.141%
75	13.634	1052	1054	1060	rVB3	186747	327274	5.69%	0.450%
76	13.748	1061	1064	1070	rVV2	1470260	2381072	41.37%	3.273%
77	13.851	1071	1073	1074	rVV	95119	86916	1.51%	0.119%
78	14.137	1096	1098	1099	rVV	101086	119982	2.08%	0.165%
79	14.228	1102	1106	1107	rVV3	51950	92704	1.61%	0.127%
80	14.262	1107	1109	1114	rVV4	115113	286400	4.98%	0.394%
81	14.605	1135	1139	1142	rBV3	52722	133779	2.32%	0.184%
82	14.731	1148	1150	1155	rBV	473859	920969	16.00%	1.266%
83	14.823	1157	1158	1160	rBV	87773	102282	1.78%	0.141%
84	14.994	1170	1173	1175	rBV	254900	398638	6.93%	0.548%
85	15.040	1175	1177	1180	rVV	502998	557849	9.69%	0.767%
86	15.097	1180	1182	1187	rVV	1025690	1292104	22.45%	1.776%
87	15.177	1187	1189	1192	rVB4	53858	107640	1.87%	0.148%
88	15.268	1194	1197	1201	rVB3	57215	131672	2.29%	0.181%
89	15.383	1204	1207	1211	rVB3	74053	142651	2.48%	0.196%
90	15.691	1232	1234	1241	rVB	104621	255352	4.44%	0.351%
91	16.308	1285	1288	1292	rBV2	136393	282263	4.90%	0.388%
92	16.480	1298	1303	1304	rBV2	56632	154561	2.69%	0.212%
93	16.686	1317	1321	1329	rVB2	132497	358680	6.23%	0.493%
94	16.834	1330	1334	1340	rBV3	174903	538227	9.35%	0.740%
95	17.291	1372	1374	1378	rVB4	50406	106391	1.85%	0.146%
96	17.497	1389	1392	1400	rVB7	46305	138009	2.40%	0.190%
97	17.680	1404	1408	1413	rVB5	38401	100996	1.75%	0.139%
98	18.537	1477	1483	1492	rBV	348176	1063100	18.47%	1.461%
99	18.903	1511	1515	1522	rBV6	33111	115533	2.01%	0.159%
100	19.509	1559	1568	1571	rBV6	17014	85890	1.49%	0.118%

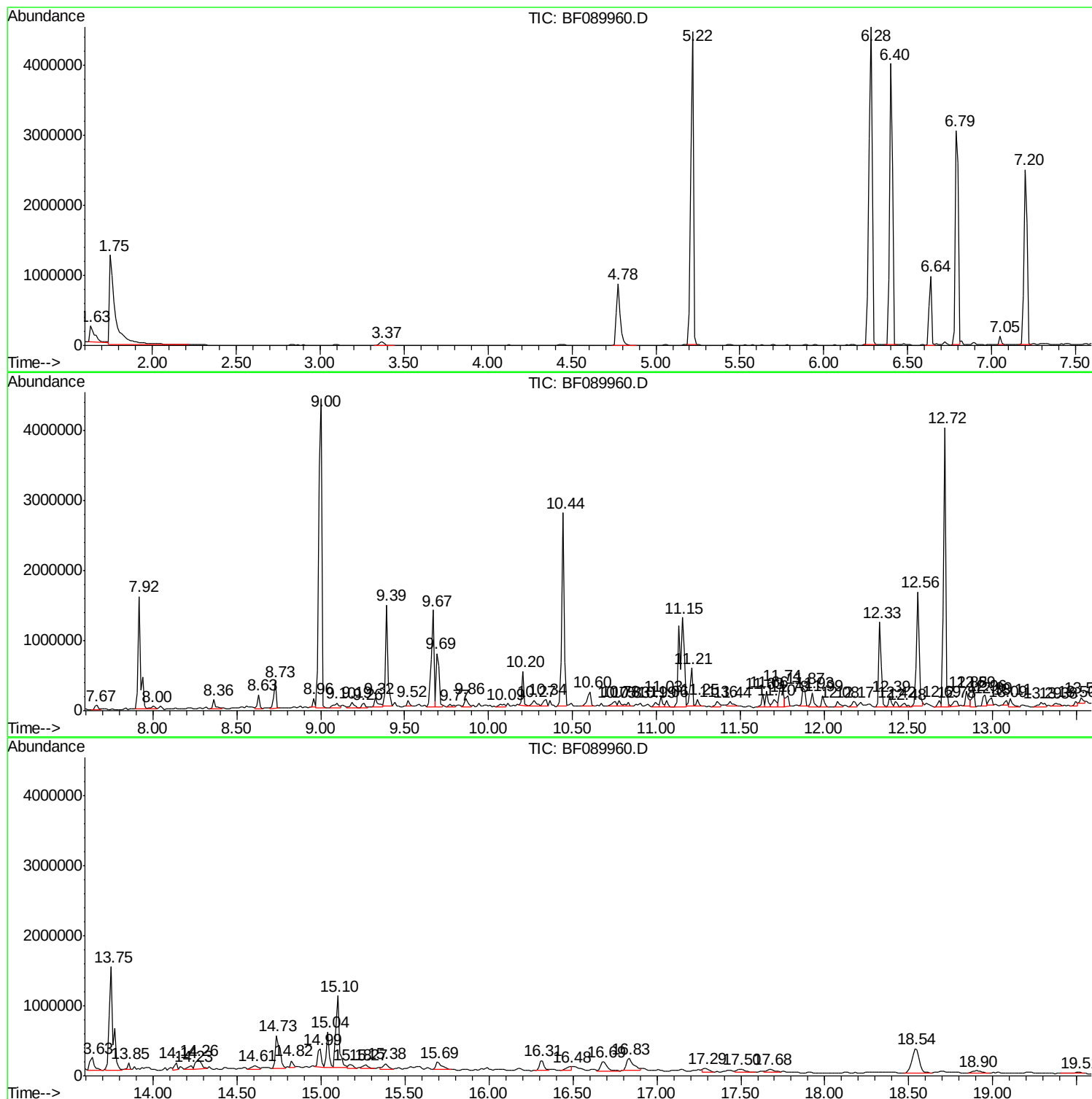
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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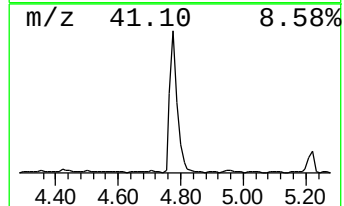
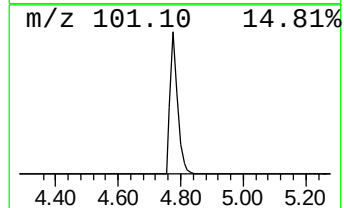
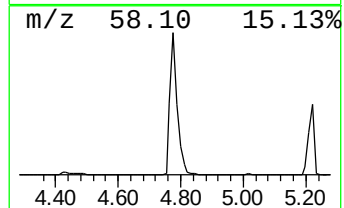
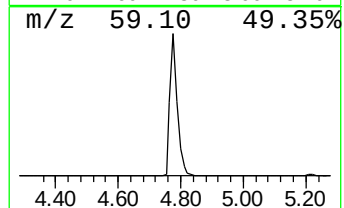
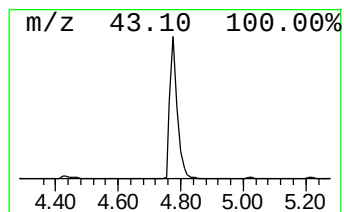
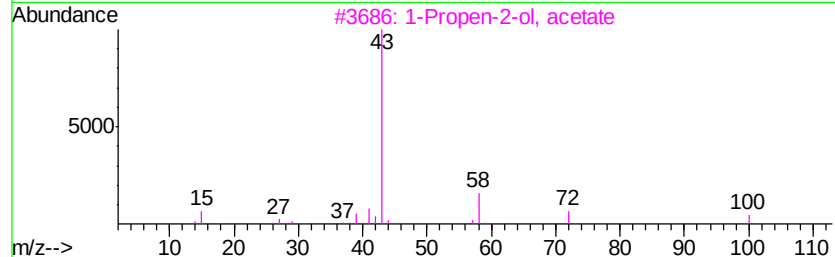
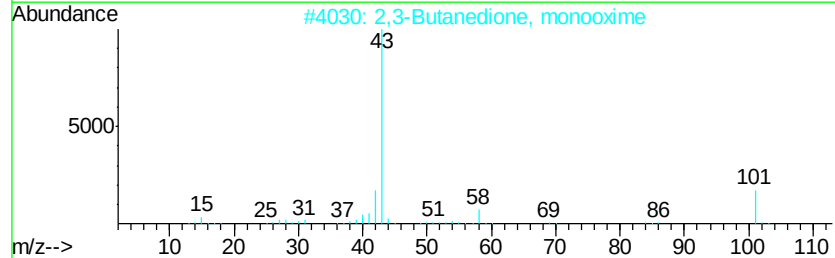
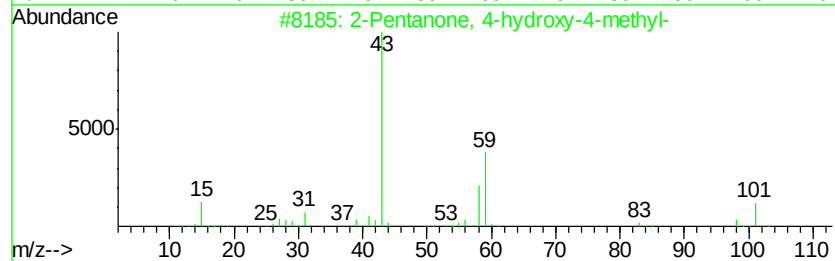
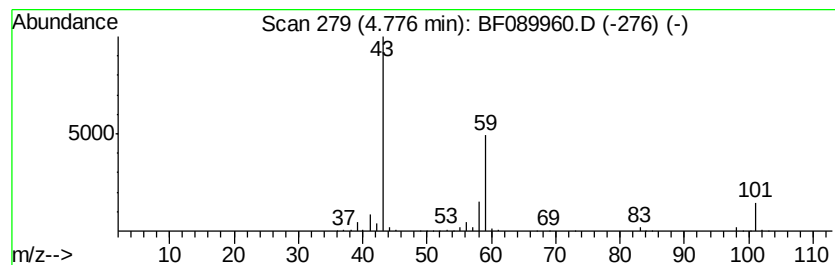
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	26.36 ng	1418460	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		Allyl acetate	100	C5H8O2	000591-87-7	9



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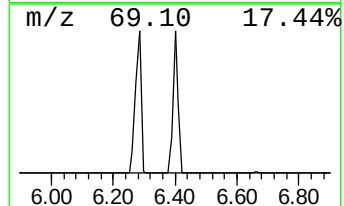
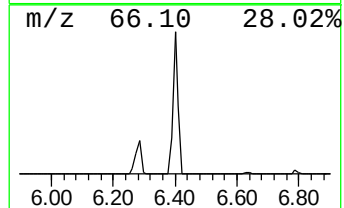
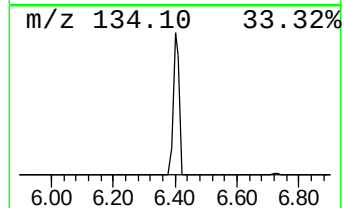
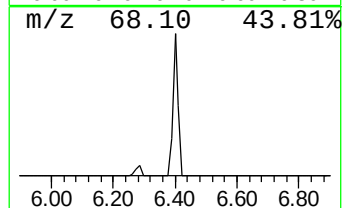
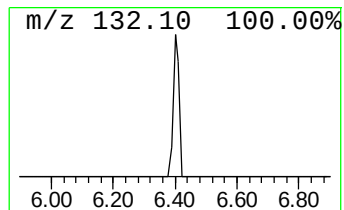
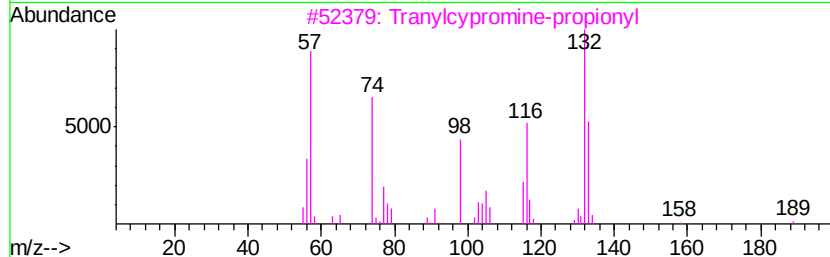
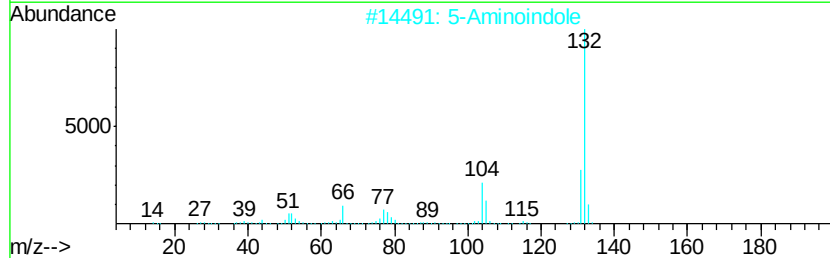
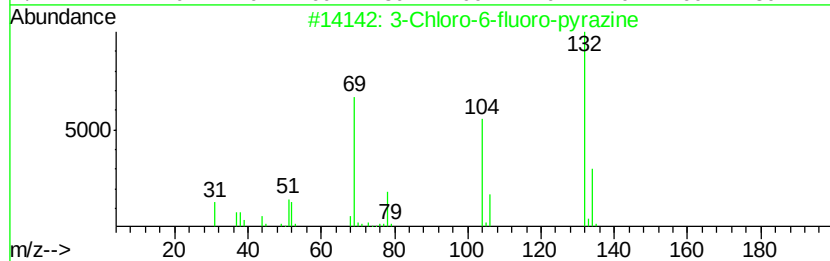
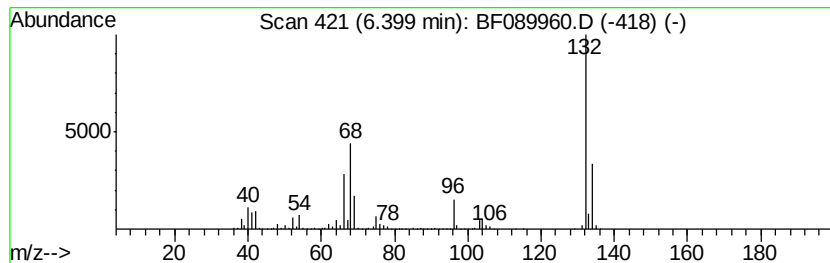
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	95.58 ng	5143290	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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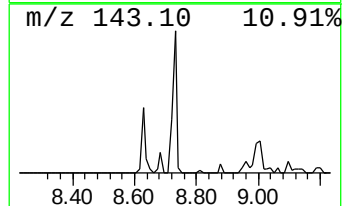
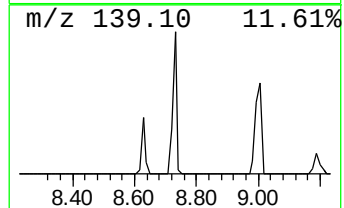
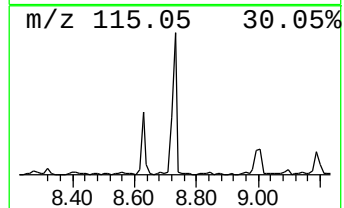
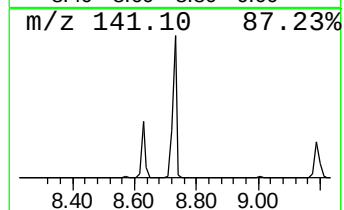
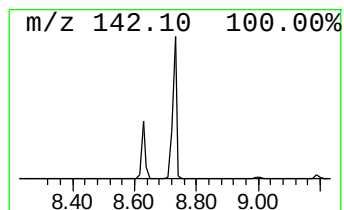
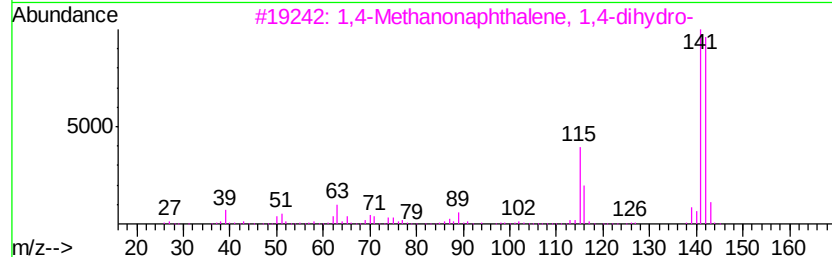
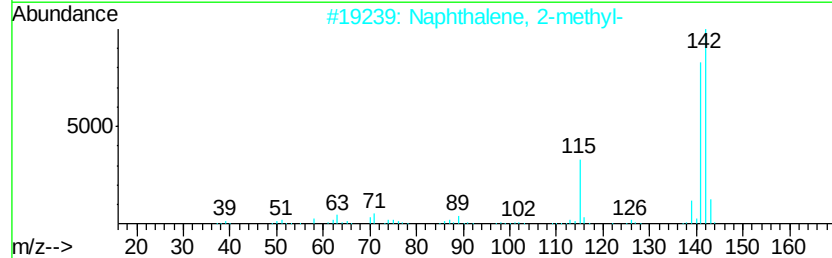
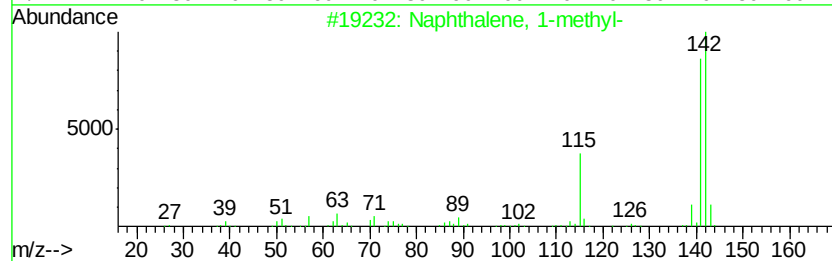
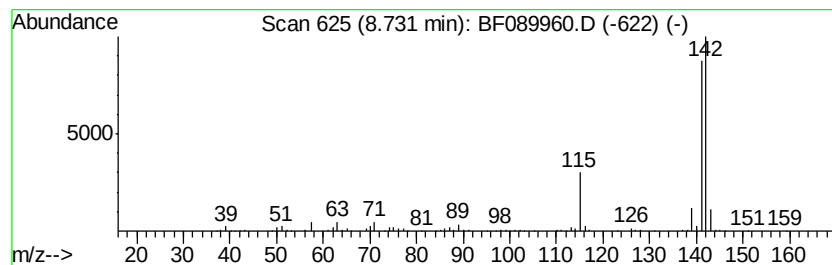
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Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	4.36 ng	393463	Naphthalene-d8	7.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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-dihy...	142 C11H10	004453-90-1 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

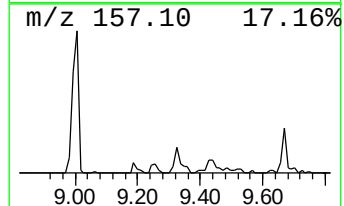
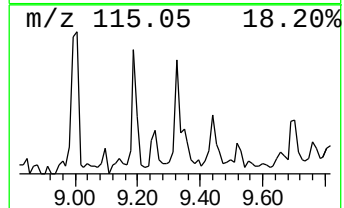
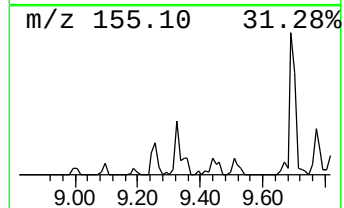
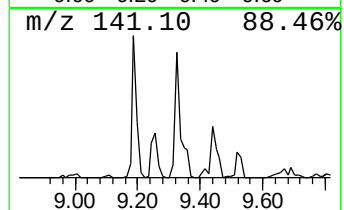
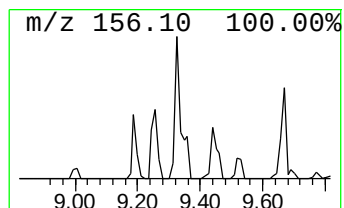
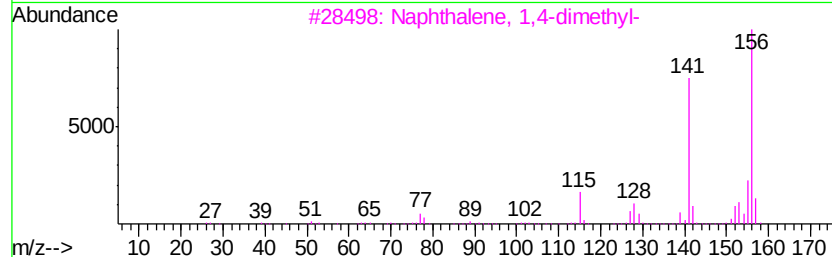
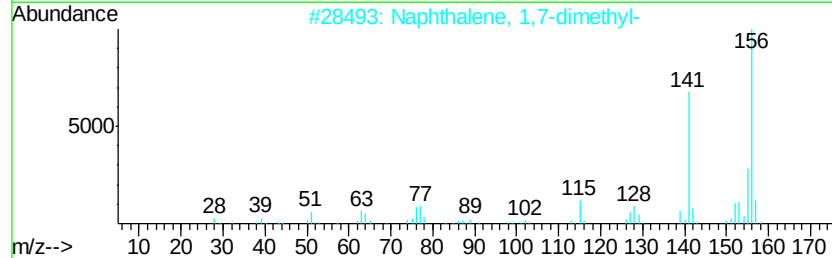
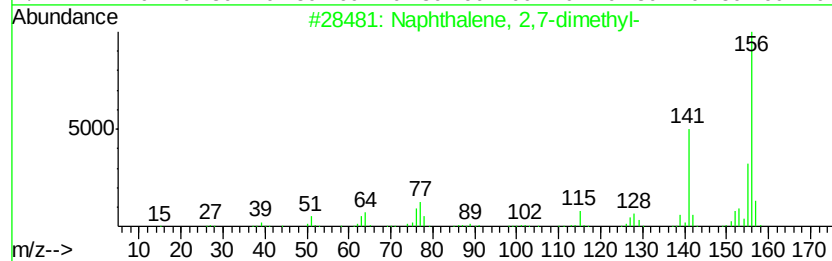
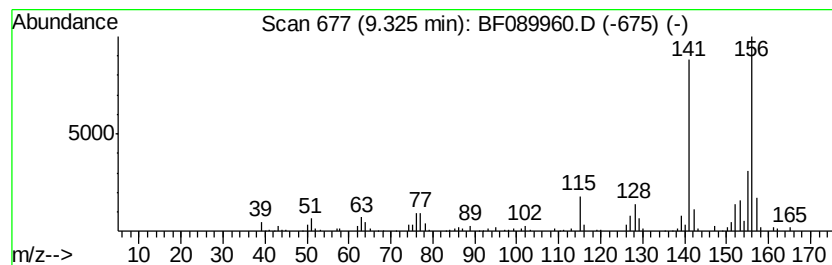
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.42 ng	182223	Acenaphthene-d10	9.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

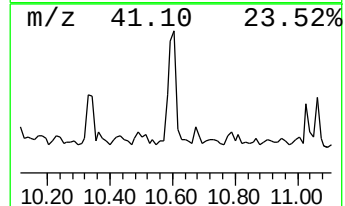
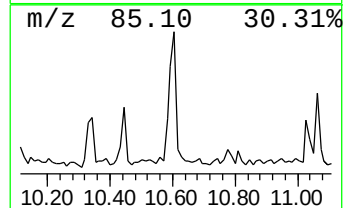
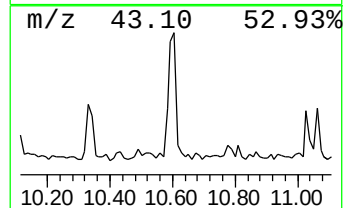
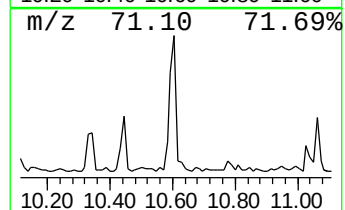
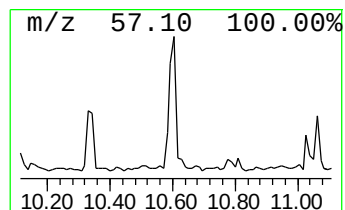
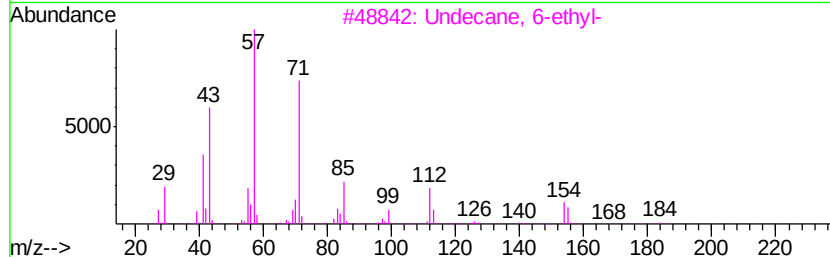
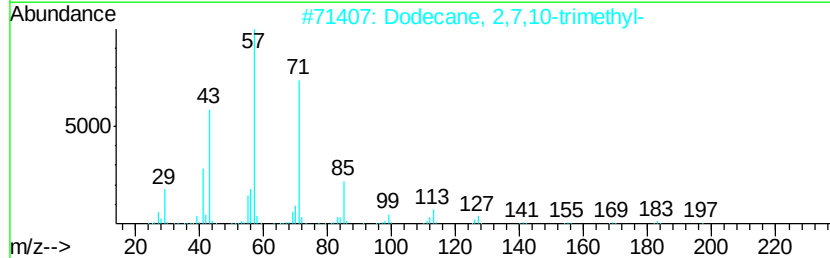
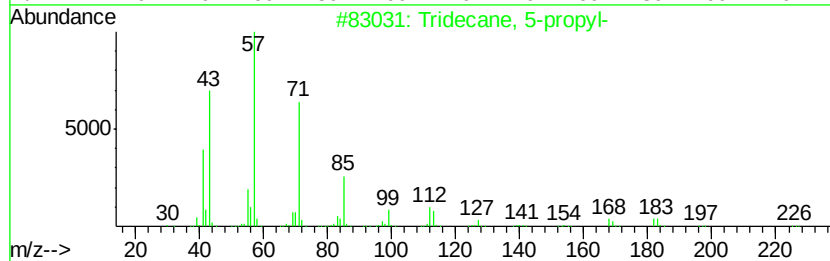
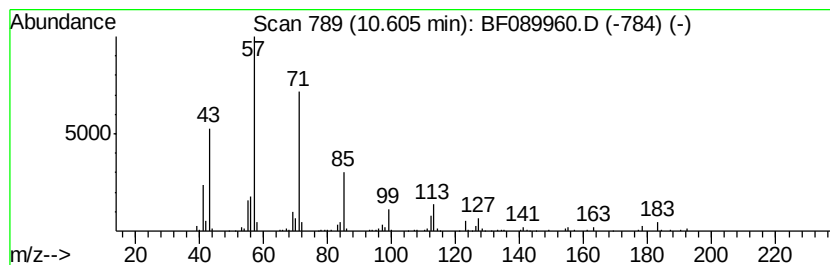
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.61	2.41 ng	320197	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

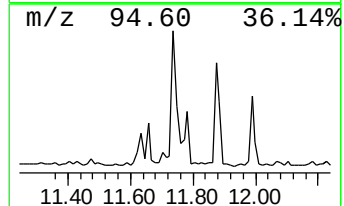
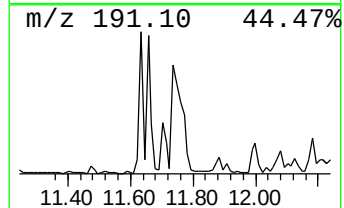
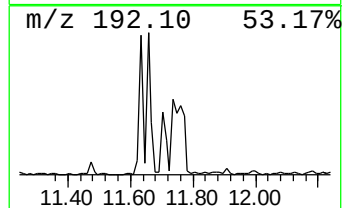
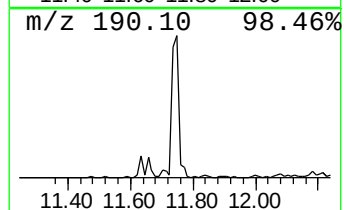
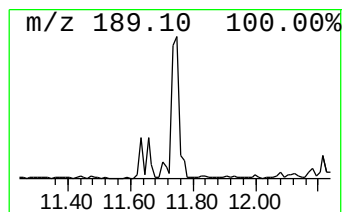
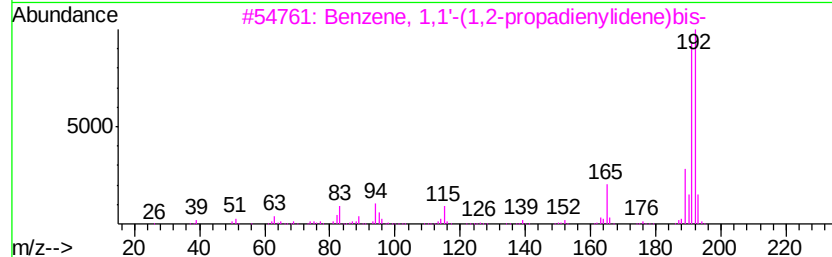
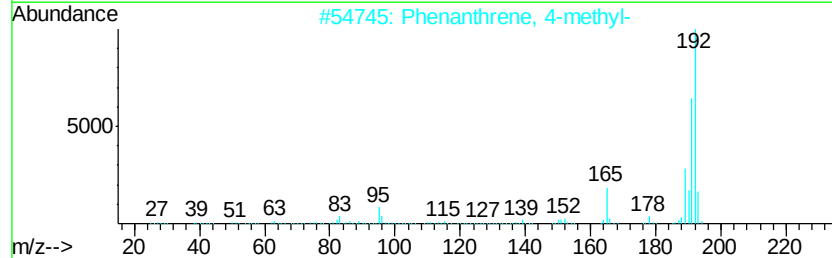
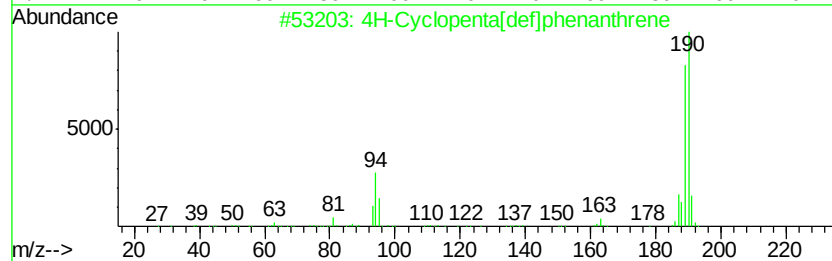
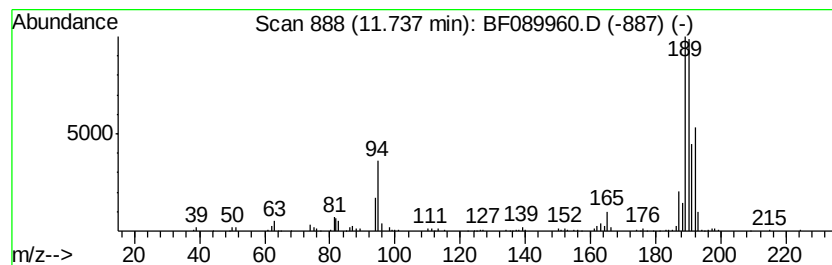
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	3.61 ng	478681	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	18
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

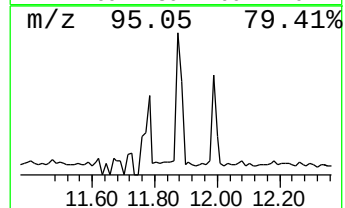
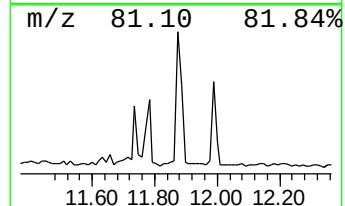
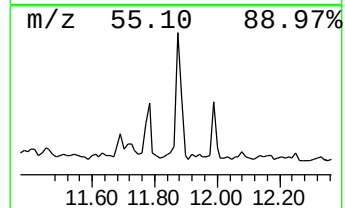
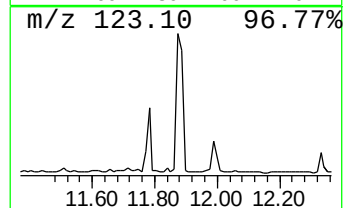
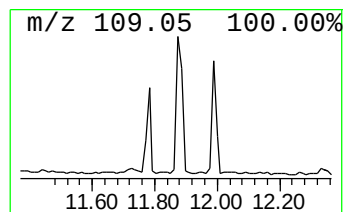
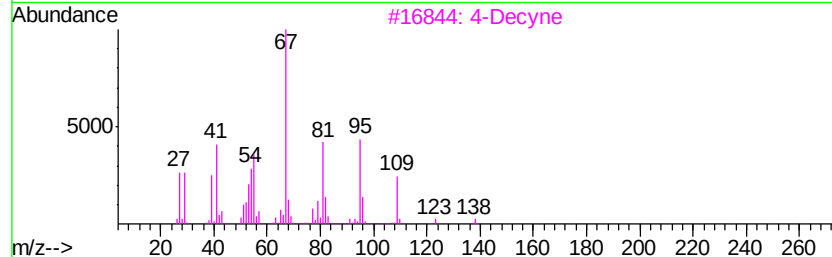
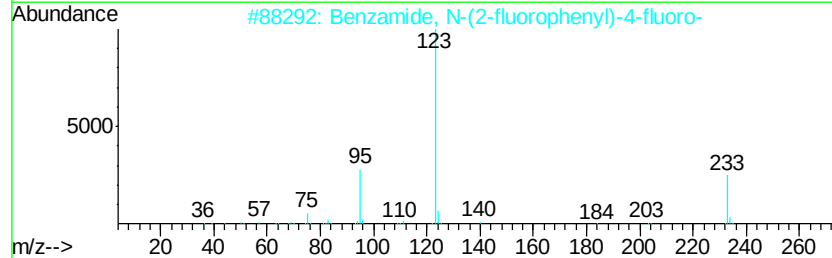
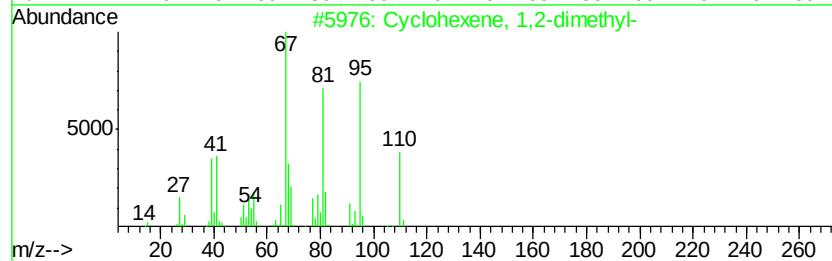
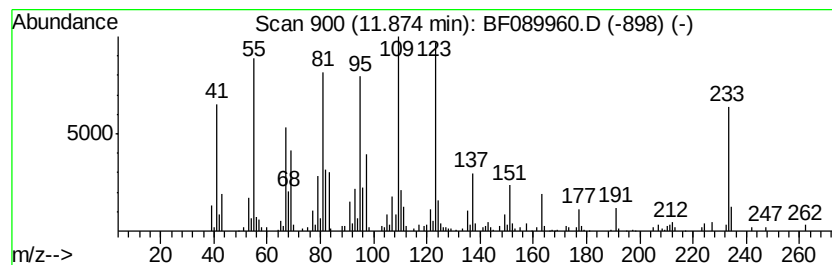
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.79 ng	370574	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
2	Benzamide, N-(2-fluorophenyl)-4-...	233	C13H9F2NO	1000308-30-2	35
3	4-Decyne	138	C10H18	002384-86-3	30
4	2-Furanacetaldehyde, .alpha.-iso...	152	C9H12O2	031681-30-8	27
5	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
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Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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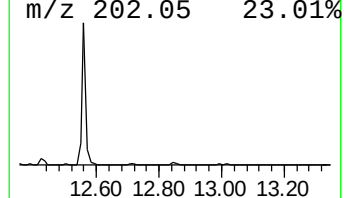
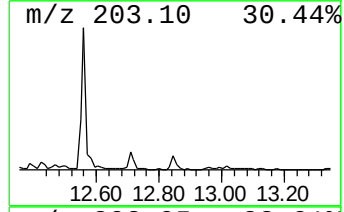
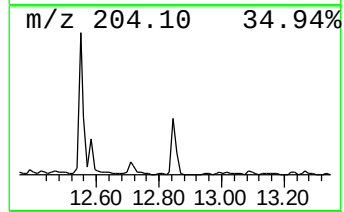
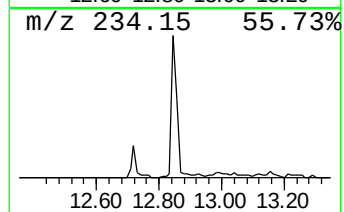
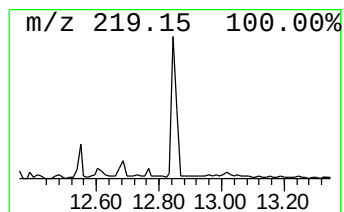
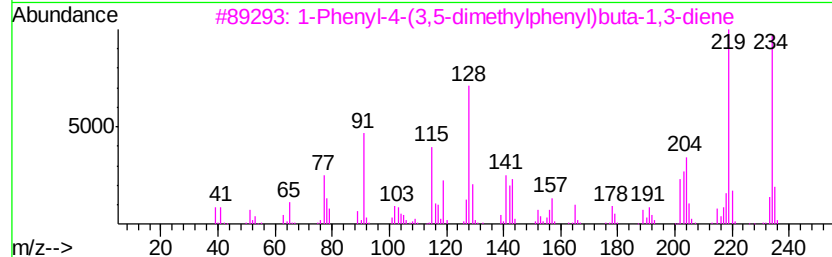
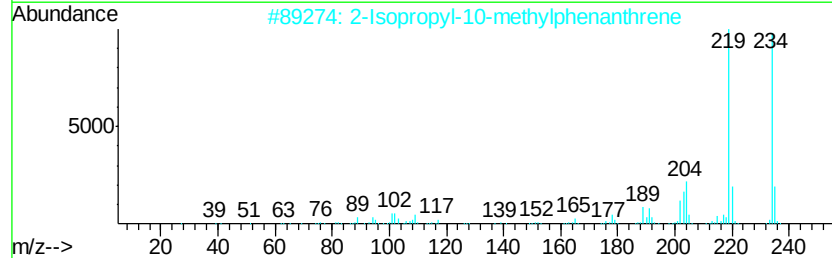
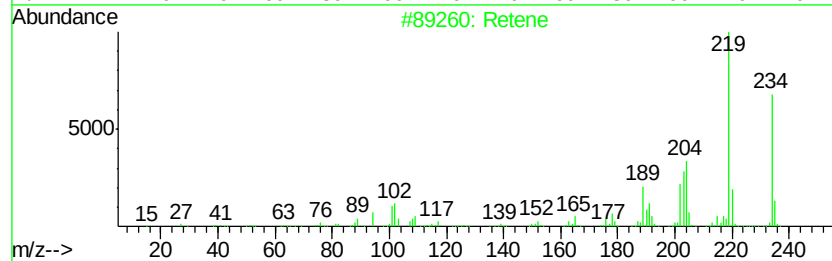
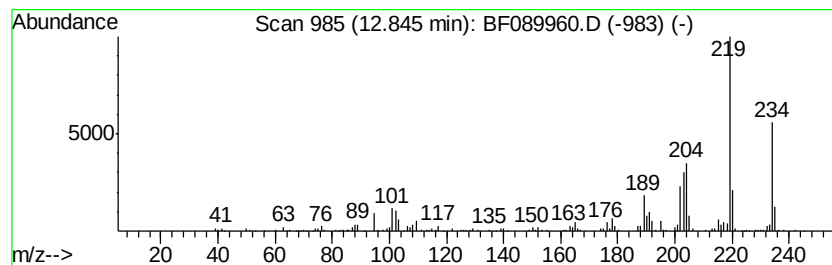
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Retene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.46 ng	293177	Chrysene-d12	13.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Retene	234	C18H18	000483-65-8	99
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3			1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	87
4			Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52
5			1-(10-Methylantracen-9-yl)ethanone	234	C17H14O	036778-18-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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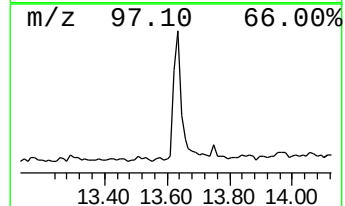
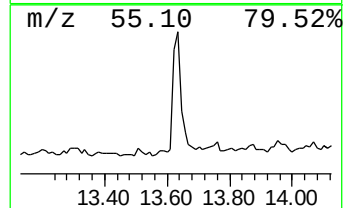
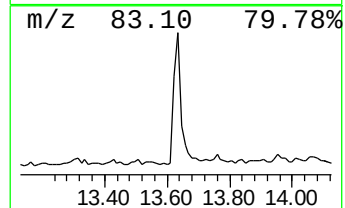
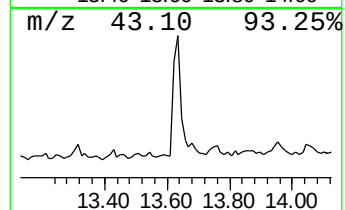
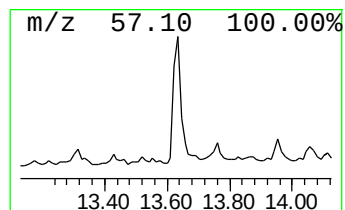
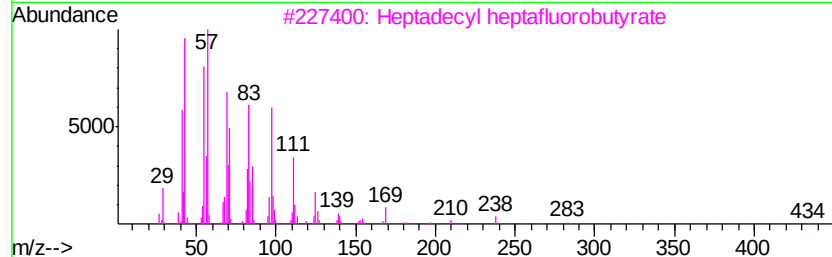
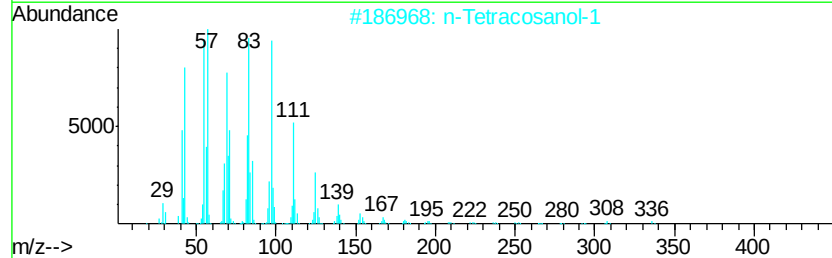
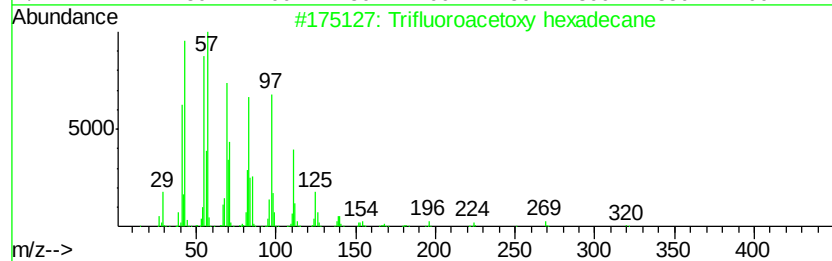
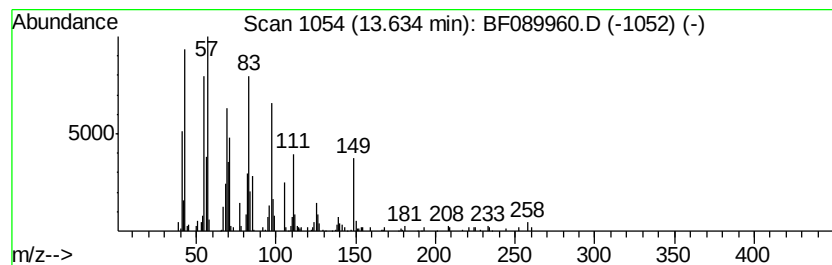
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Trifluoroacetoxy hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.75 ng	327274	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4		1-Heptacosanol	396	C27H56O	002004-39-9	90
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
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Acq On : 31 Aug 2016 19:49
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ALS Vial : 25 Sample Multiplier: 1

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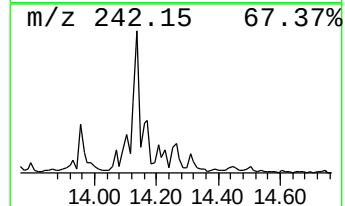
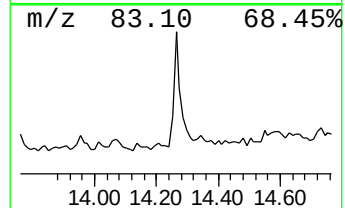
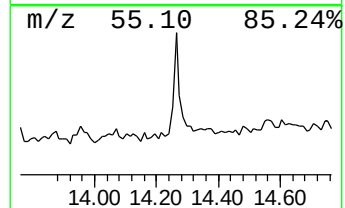
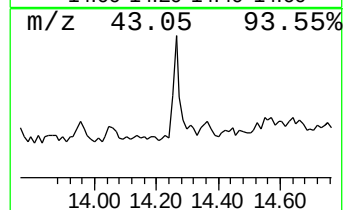
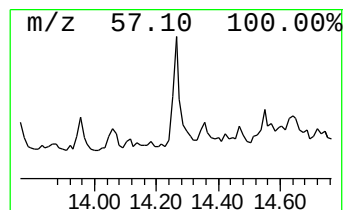
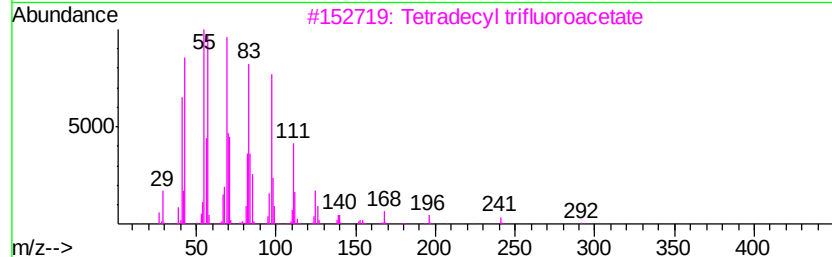
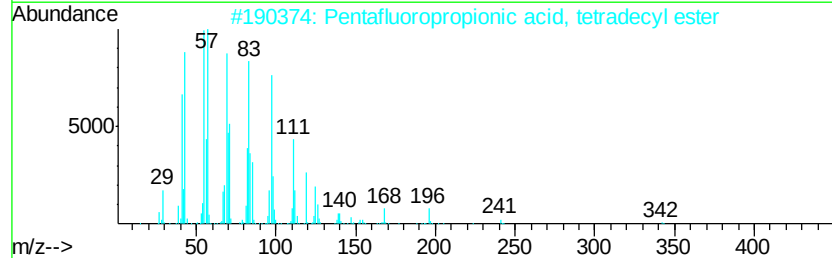
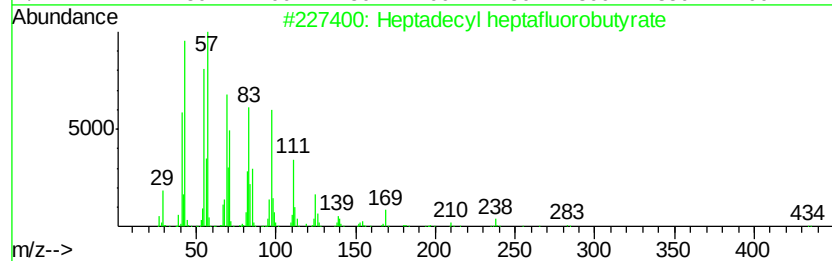
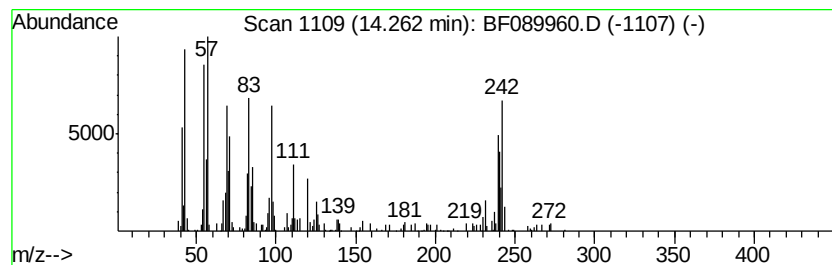
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.41 ng	286400	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	52
2		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	42
3		Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	38
4		2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	38
5		Octacosanol	410	C28H58O	000557-61-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
16FT-SOIL

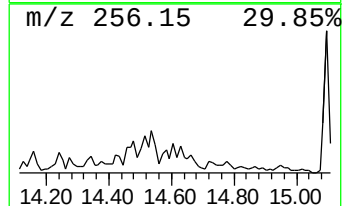
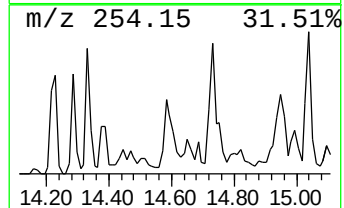
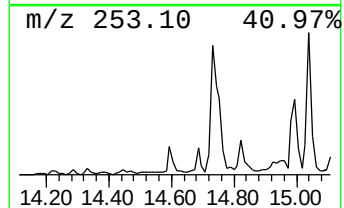
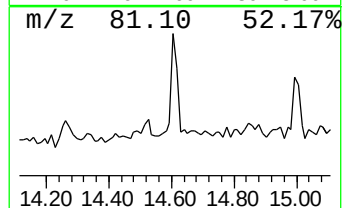
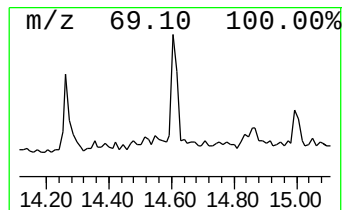
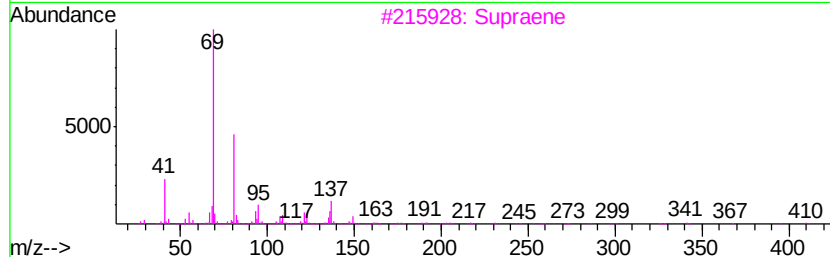
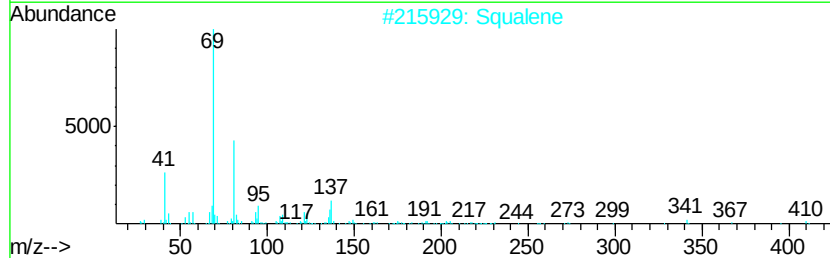
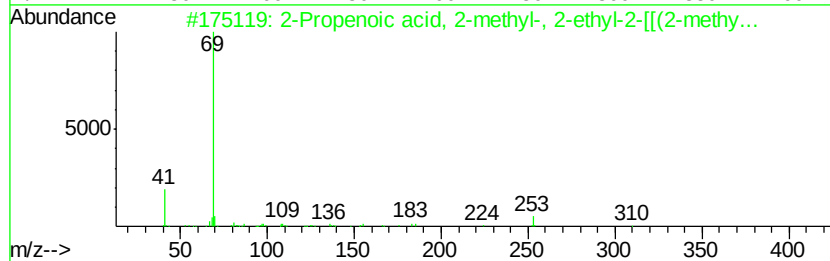
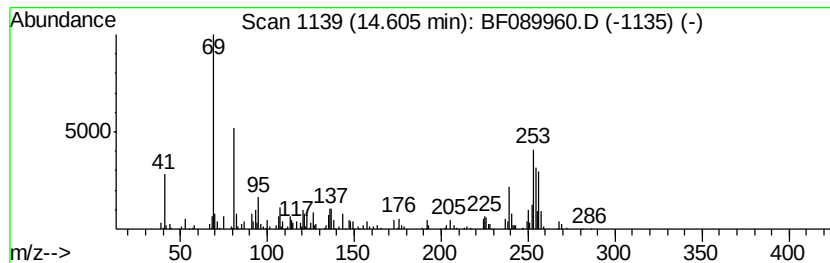
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.61 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.07 ng	133779	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, 2-methyl-, 2-e...	338	C18H26O6	003290-92-4	47
2		Squalene	410	C30H50	000111-02-4	22
3		Supraene	410	C30H50	007683-64-9	22
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	22
5		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
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ALS Vial : 25 Sample Multiplier: 1

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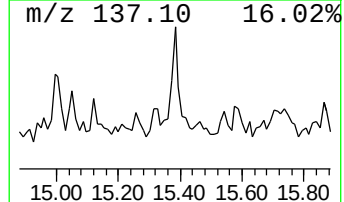
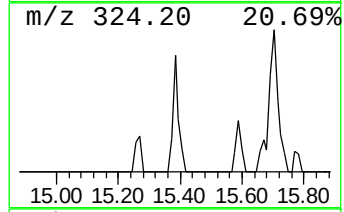
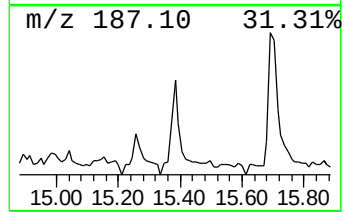
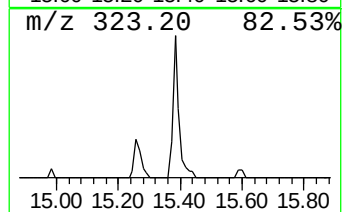
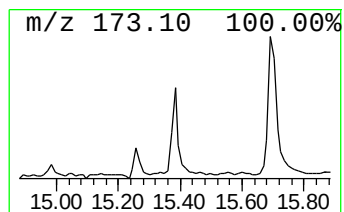
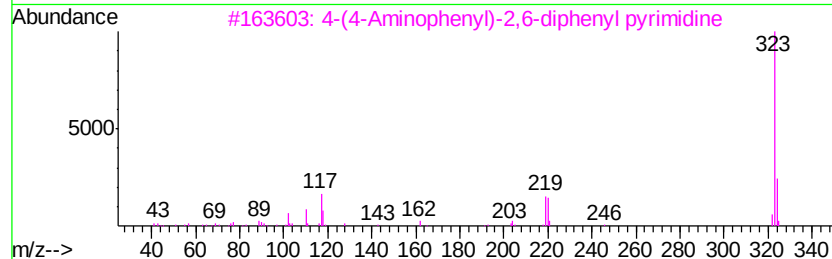
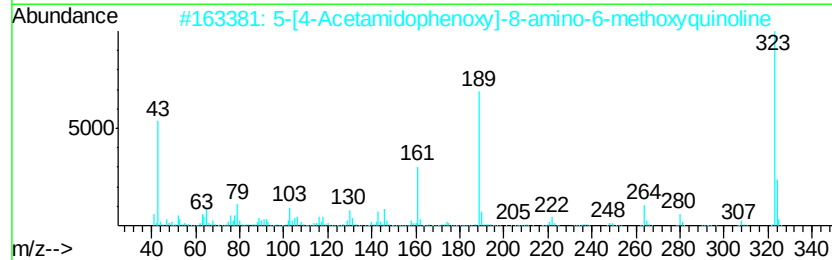
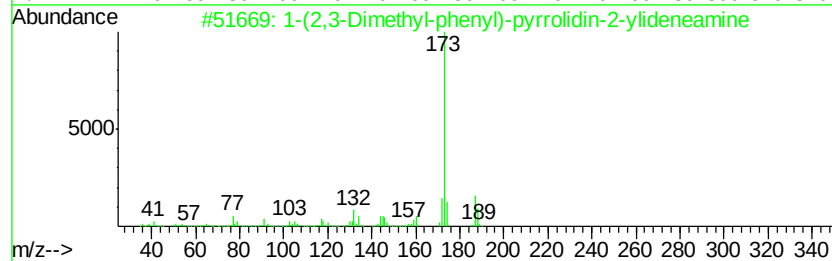
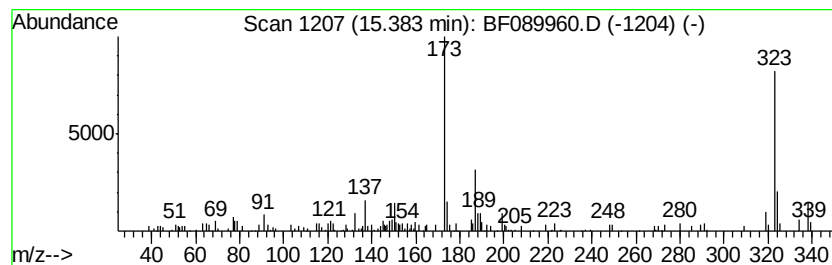
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.38 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	2.21 ng	142651	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2,3-Dimethyl-phenyl)-pyrrolid...	188	C12H16N2	1000274-91-8	30
2		5-[4-Acetamidophenoxy]-8-amino-6...	323	C18H17N3O3	063460-39-9	27
3		4-(4-Aminophenyl)-2,6-diphenyl p...	323	C22H17N3	130090-20-9	27
4		Ethene, 1-anthracen-9-yl)-2-(4-d...	323	C24H21N	060949-20-4	27
5		Indole-3-carboxylic acid, 1-benz...	323	C20H21NO3	059513-85-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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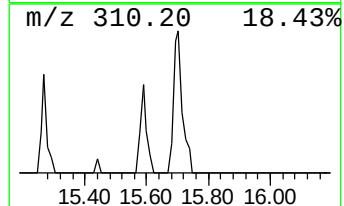
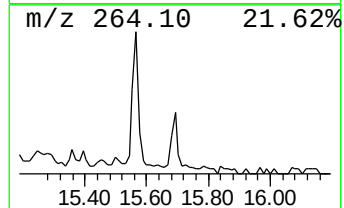
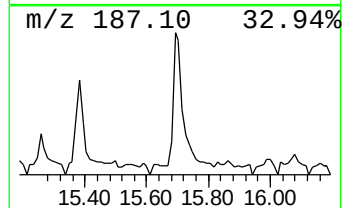
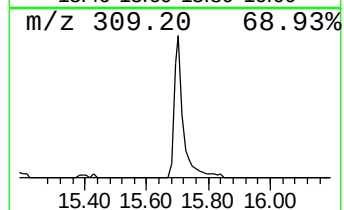
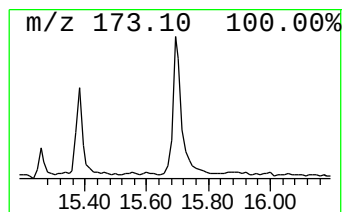
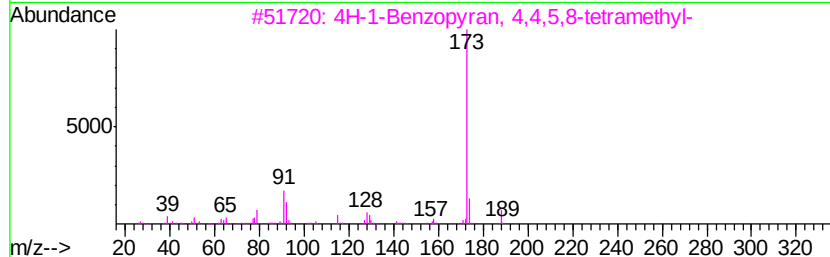
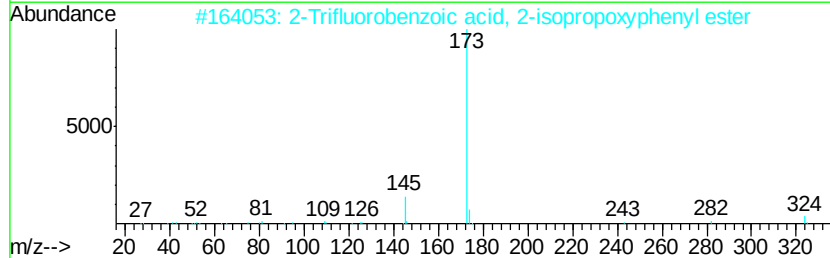
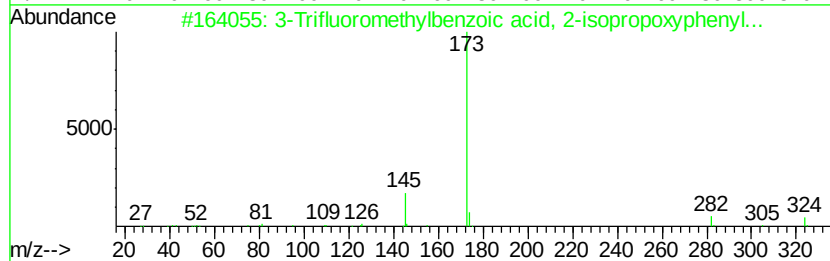
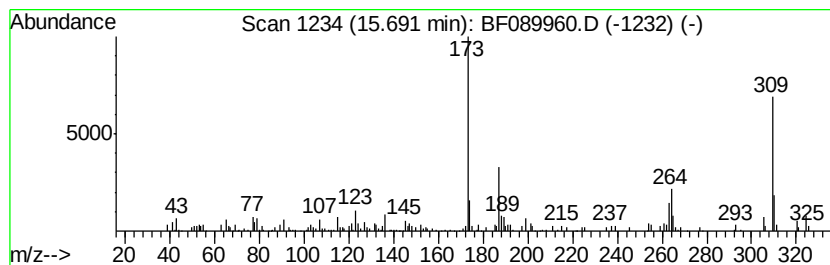
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.69 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.95 ng	255352	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzoic acid, 2...	324	C17H15F3O3	1000299-04-2	30
2		2-Trifluorobenzoic acid, 2-isopr...	324	C17H15F3O3	1000299-01-3	27
3		4H-1-Benzopyran, 4,4,5,8-tetrame...	188	C13H16O	082391-06-8	27
4		4-Trifluoromethylbenzoic acid, 2...	324	C17H15F3O3	1000293-74-6	27
5		1,8-Naphthyridin-2-amine, 5,7-di...	173	C10H11N3	039565-07-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
Operator : UM/SJ
Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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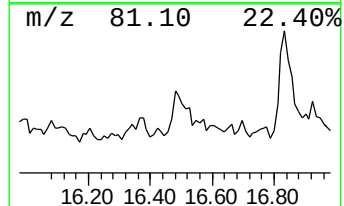
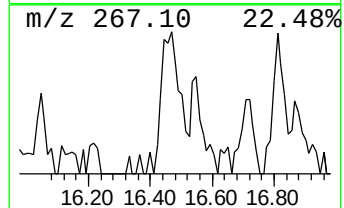
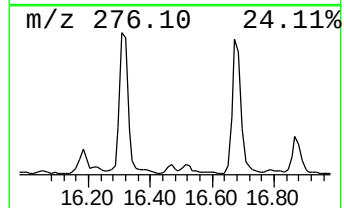
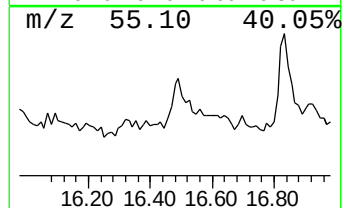
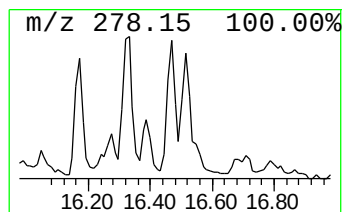
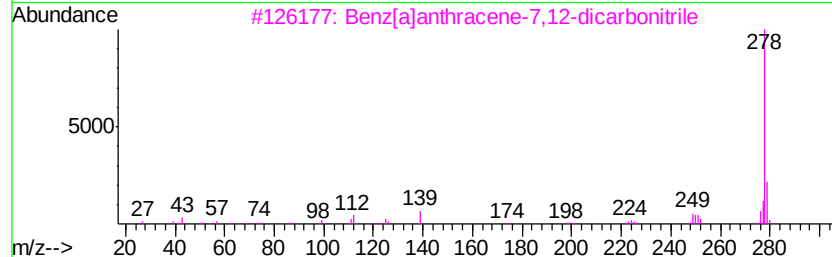
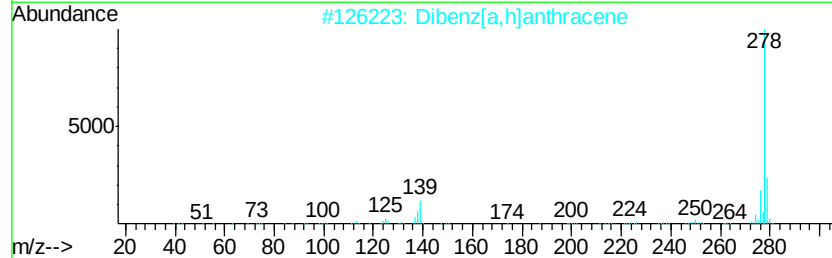
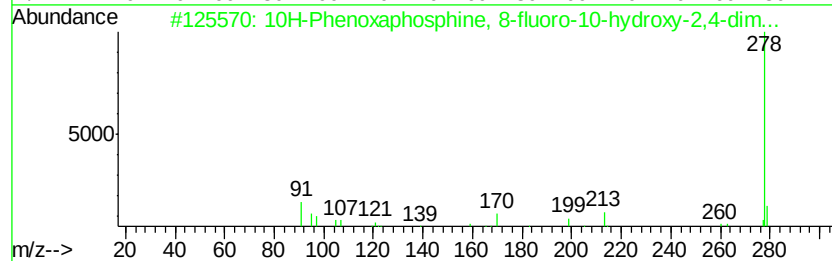
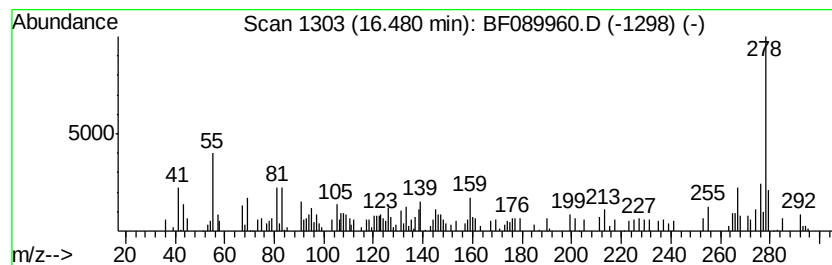
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 10H-Phenoxaphosphine, 8-flu... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	2.39 ng	154561	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12F03P	037041-13-7	50
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
3		Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	49
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	49
5		Picene	278	C22H14	000213-46-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
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Acq On : 31 Aug 2016 19:49
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Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

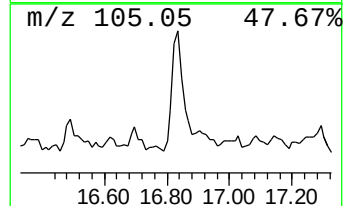
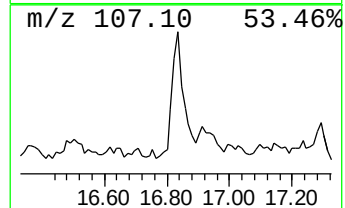
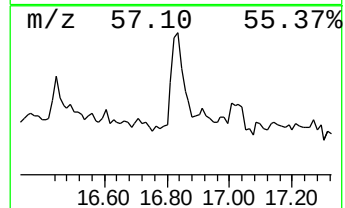
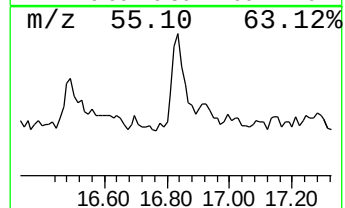
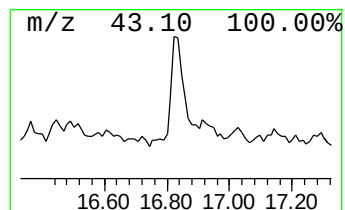
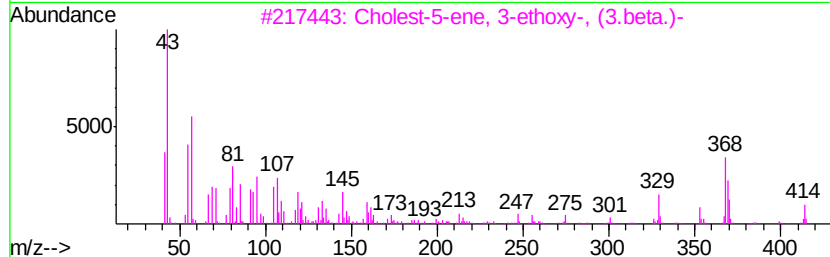
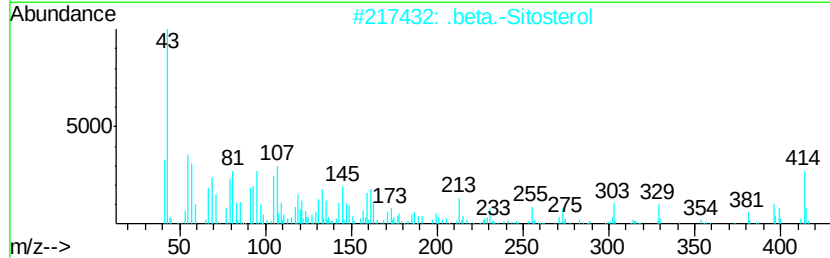
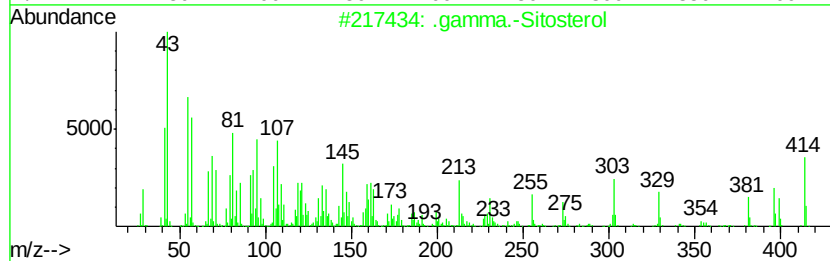
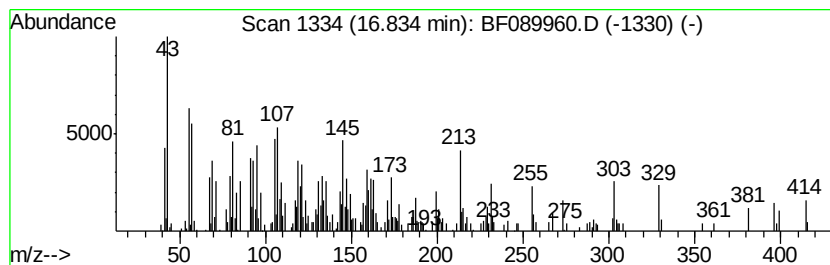
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	8.33 ng	538227	Perylene-d12	15.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 97
3		Cholest-5-ene, 3-ethoxy-, (3.beta....	414 C29H50O	000986-19-6 43
4		.beta.-Sitosterol acetate	456 C31H52O2	000915-05-9 38
5		Kauren-18-ol, acetate, (4.beta.)-	330 C22H34O2	072150-74-4 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
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Operator : UM/SJ
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Misc :
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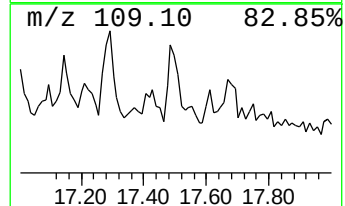
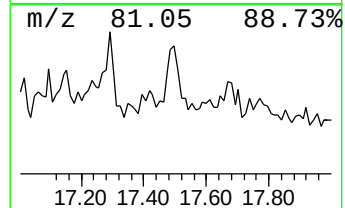
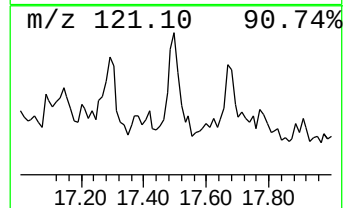
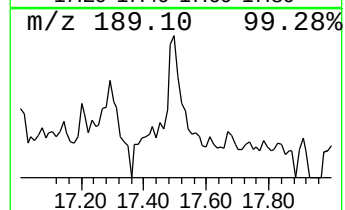
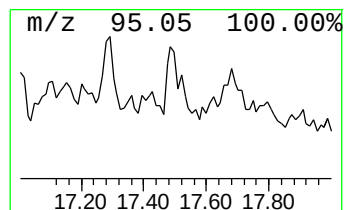
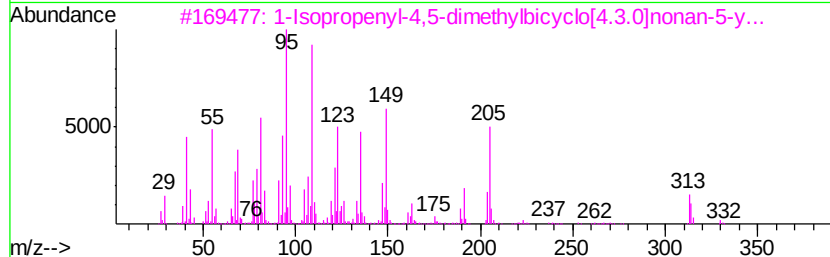
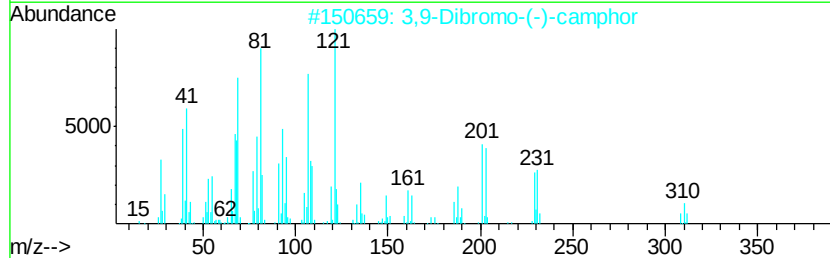
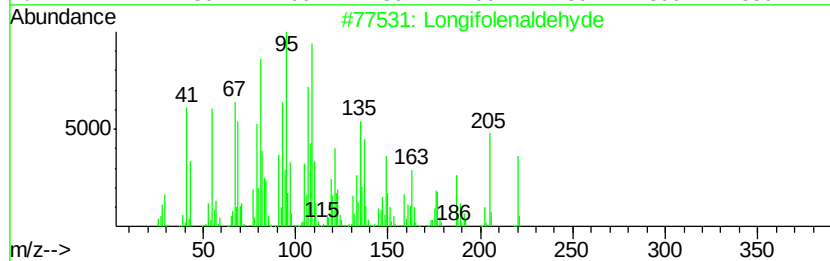
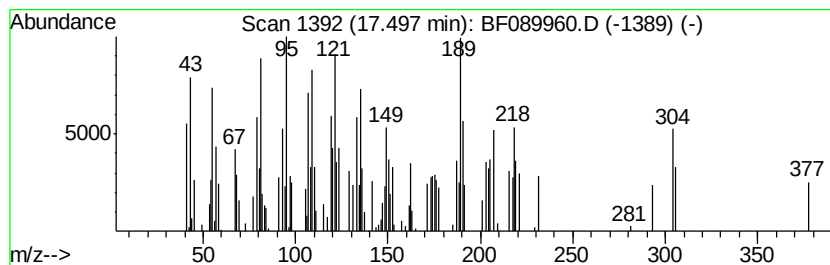
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.50 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.14 ng	138009	Perylene-d12	15.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Longifolenaldehyde	220 C15H24O	019890-84-7 25
2		3,9-Dibromo-(-)-camphor	308 C10H14Br2O	064474-55-1 15
3		1-Isopropenyl-4,5-dimethylbicyclo[4.3.0]nonan-5-yl...	330 C21H30OS	1000195-85-4 14
4		1H-Imidazole, 1-(4-nitrobenzoyl)-	217 C10H7N3O3	010364-96-2 14
5		.alpha.-Bisabolol	222 C15H26O	000515-69-5 14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089960.D
Acq On : 31 Aug 2016 19:49
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Sample : H4635-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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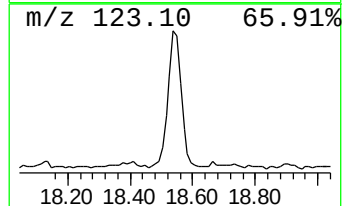
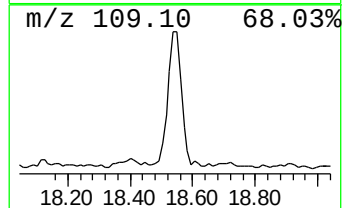
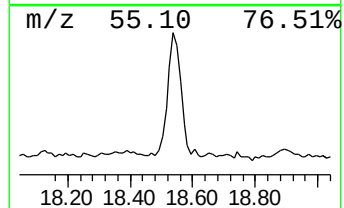
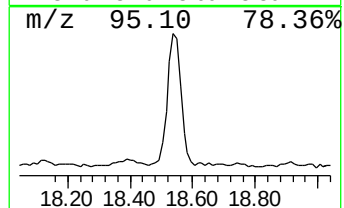
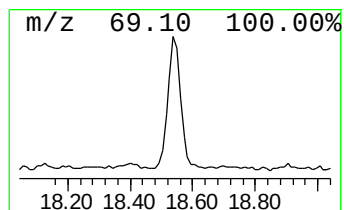
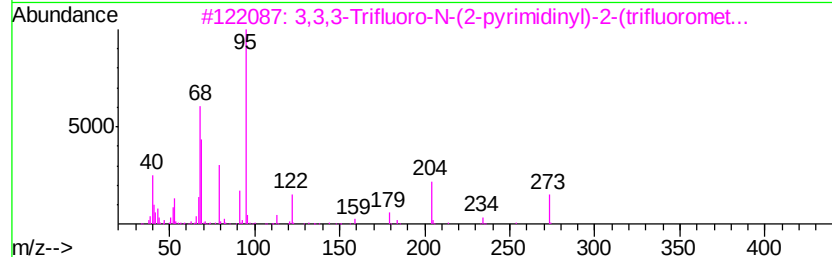
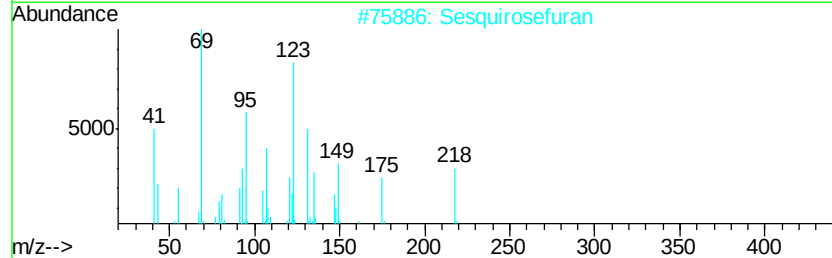
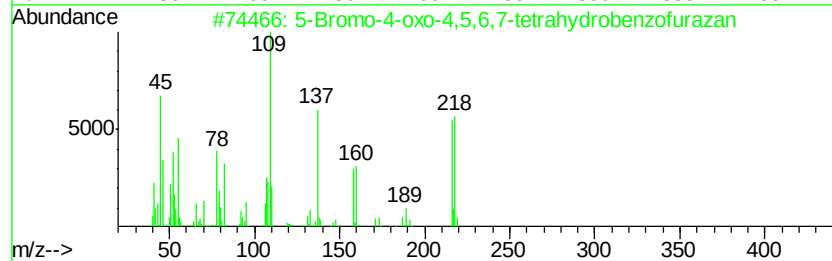
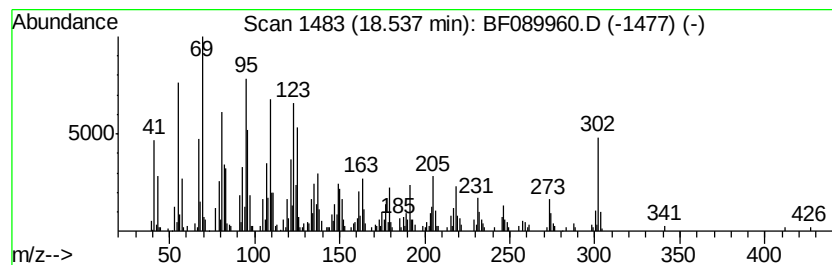
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	16.46 ng	1063100	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	60
2		Sesquirosefuran	218	C15H22O	039007-93-7	56
3		3,3,3-Trifluoro-N-(2-pyrimidinyl...	273	C8H5F6N3O	340137-97-5	25
4		2-Hydroxyphenol bis(trifluoroact...	302	C10H4F6O4	023529-06-8	22
5		3-Hydroxyphenol bis(trifluoroace...	302	C10H4F6O4	034065-72-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089960.D
 Acq On : 31 Aug 2016 19:49
 Operator : UM/SJ
 Sample : H4635-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16FT-SOIL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.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...	4.78	26.4	ng	1418460	1	6.64	1076230	20.0
unknown6.40	6.40	95.6	ng	5143290	1	6.64	1076230	20.0
Naphthalene, 1-me...	8.73	4.4	ng	393463	2	7.92	1803690	20.0
Naphthalene, 2,7-...	9.32	2.4	ng	182223	3	9.67	1506160	20.0
Tridecane, 5-propyl-	10.61	2.4	ng	320197	4	11.13	2651950	20.0
4H-Cyclopenta[def...	11.74	3.6	ng	478681	4	11.13	2651950	20.0
unknown11.87	11.87	2.8	ng	370574	4	11.13	2651950	20.0
Retene	12.85	2.5	ng	293177	5	13.75	2381070	20.0
Trifluoroacetoxy ...	13.63	2.8	ng	327274	5	13.75	2381070	20.0
Heptadecyl heptaf...	14.26	2.4	ng	286400	5	13.75	2381070	20.0
unknown14.61	14.61	2.1	ng	133779	6	15.10	1292100	20.0
unknown15.38	15.38	2.2	ng	142651	6	15.10	1292100	20.0
unknown15.69	15.69	4.0	ng	255352	6	15.10	1292100	20.0
10H-Phenoxaphosph...	16.48	2.4	ng	154561	6	15.10	1292100	20.0
.gamma.-Sitosterol	16.83	8.3	ng	538227	6	15.10	1292100	20.0
unknown17.50	17.50	2.1	ng	138009	6	15.10	1292100	20.0
5-Bromo-4-oxo-4,5...	18.54	16.5	ng	1063100	6	15.10	1292100	20.0