

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091483.D
 Acq On : 7 Dec 2016 21:39
 Operator : UM/SJ
 Sample : H5869-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4

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-BF112916.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.784	128	131	134	rVB	66493	96278	2.01%	0.179%
2	5.018	236	239	247	rBV	1085298	1733779	36.17%	3.224%
3	5.293	260	263	264	rBV	76251	82239	1.72%	0.153%
4	5.396	270	272	273	rBV	87539	104232	2.17%	0.194%
5	5.441	273	276	278	rVB	3909276	4220746	88.05%	7.850%
6	5.659	292	295	300	rVB2	61533	110707	2.31%	0.206%
7	6.356	355	356	357	rVV	63989	56474	1.18%	0.105%
8	6.470	363	366	368	rVB2	3660929	4467067	93.19%	8.308%
9	6.607	374	378	380	rBV	3868579	4793524	100.00%	8.915%
10	6.664	380	383	386	rVB2	64576	108671	2.27%	0.202%
11	6.836	395	398	400	rBV	881687	1078570	22.50%	2.006%
12	6.916	401	405	407	rVV2	105186	164618	3.43%	0.306%
13	6.984	409	411	414	rVV	2491952	3329343	69.46%	6.192%
14	7.087	417	420	421	rBV	51494	48435	1.01%	0.090%
15	7.156	424	426	427	rBV	58086	55103	1.15%	0.102%
16	7.236	430	433	435	rBV	288213	258461	5.39%	0.481%
17	7.396	443	447	449	rBV	2511571	2670692	55.71%	4.967%
18	7.864	484	488	490	rBV4	48209	100763	2.10%	0.187%
19	8.116	507	510	514	rVB2	1600960	1846941	38.53%	3.435%
20	8.825	570	572	574	rVB	64620	61514	1.28%	0.114%
21	8.927	579	581	583	rBV	92317	83695	1.75%	0.156%
22	9.190	601	604	607	rVB	3421673	4754064	99.18%	8.842%
23	9.282	609	612	615	rBV3	60350	111962	2.34%	0.208%
24	9.522	630	633	637	rBV2	48061	109853	2.29%	0.204%
25	9.590	637	639	641	rVV	271066	356067	7.43%	0.662%
26	9.808	656	658	660	rVB	104160	87478	1.82%	0.163%
27	9.865	660	663	665	rBV	1468221	1494111	31.17%	2.779%
28	9.899	665	666	668	rVB	142199	107800	2.25%	0.200%
29	10.070	679	681	683	rBV	88823	67856	1.42%	0.126%
30	10.310	697	702	704	rVB	138474	162418	3.39%	0.302%
31	10.413	709	711	714	rVB	84607	98006	2.04%	0.182%
32	10.528	718	721	722	rBV	57651	58809	1.23%	0.109%
33	10.653	729	732	734	rBV	3132157	3388636	70.69%	6.302%
34	10.779	741	743	747	rVB	223759	241855	5.05%	0.450%

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 Sampling : 1
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 Stop Thrs : 0

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.985	755	761	762	rBV4	43470	117251	2.45%	0.218%
36	11.019	762	764	767	rVB3	36847	64620	1.35%	0.120%
37	11.156	773	776	778	rVB2	31759	53152	1.11%	0.099%
38	11.202	778	780	781	rBV	35334	59424	1.24%	0.111%
39	11.225	781	782	783	rVV	176705	143930	3.00%	0.268%
40	11.259	783	785	787	rVB2	42173	63854	1.33%	0.119%
41	11.351	790	793	794	rVV	1799870	1702392	35.51%	3.166%
42	11.419	797	799	801	rVB	131399	127397	2.66%	0.237%
43	11.453	801	802	805	rBV2	47760	58547	1.22%	0.109%
44	11.579	810	813	814	rBV2	60176	78597	1.64%	0.146%
45	11.648	818	819	823	rVB	88733	107066	2.23%	0.199%
46	11.842	835	836	838	rVV	66469	87523	1.83%	0.163%
47	11.888	838	840	842	rVV2	635328	696003	14.52%	1.294%
48	11.956	844	846	851	rVV2	158243	277425	5.79%	0.516%
49	12.059	852	855	856	rVV2	69545	100685	2.10%	0.187%
50	12.093	856	858	861	rVV4	33747	63188	1.32%	0.118%
51	12.139	861	862	866	rVV3	58463	93187	1.94%	0.173%
52	12.208	866	868	872	rVB2	66499	78199	1.63%	0.145%
53	12.299	872	876	877	rBV4	47354	83506	1.74%	0.155%
54	12.345	877	880	881	rVV2	42211	78462	1.64%	0.146%
55	12.402	882	885	886	rVV2	71173	110872	2.31%	0.206%
56	12.448	886	889	891	rVB2	47668	75898	1.58%	0.141%
57	12.562	897	899	900	rBV	472063	608956	12.70%	1.133%
58	12.608	900	903	905	rVV3	79613	168046	3.51%	0.313%
59	12.665	906	908	915	rVV3	353927	549408	11.46%	1.022%
60	12.779	915	918	920	rVV	602164	792462	16.53%	1.474%
61	12.836	920	923	927	rVB3	59152	150198	3.13%	0.279%
62	12.939	929	932	934	rVV	3814683	4067182	84.85%	7.564%
63	13.008	934	938	939	rVV2	46106	78494	1.64%	0.146%
64	13.065	942	943	944	rVV	55111	58156	1.21%	0.108%
65	13.111	945	947	949	rVB	104558	109904	2.29%	0.204%
66	13.179	951	953	954	rBV2	106050	105788	2.21%	0.197%
67	13.214	954	956	958	rBV	95822	99572	2.08%	0.185%
68	13.305	962	964	965	rBV	58184	56925	1.19%	0.106%
69	13.419	971	974	979	rVV	166478	403715	8.42%	0.751%
70	13.488	979	980	987	rVB3	89006	206398	4.31%	0.384%
71	13.614	989	991	998	rVB	57594	98202	2.05%	0.183%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.728	998	1001	1002	rBV2	42851	83763	1.75%	0.156%
73	13.831	1008	1010	1013	rVB2	239557	284200	5.93%	0.529%
74	13.979	1020	1023	1024	rBV2	1226387	1371881	28.62%	2.551%
75	14.368	1054	1057	1058	rVB	52048	81234	1.69%	0.151%
76	14.459	1061	1065	1068	rBV3	98568	178684	3.73%	0.332%
77	14.997	1109	1112	1116	rBV	223345	483743	10.09%	0.900%
78	15.088	1117	1120	1124	rVB2	125517	181066	3.78%	0.337%
79	15.282	1134	1137	1139	rBV	153572	220514	4.60%	0.410%
80	15.339	1139	1142	1144	rVV	223376	296497	6.19%	0.551%
81	15.397	1144	1147	1158	rVB	777653	1182904	24.68%	2.200%
82	15.854	1185	1187	1189	rBV	32848	57039	1.19%	0.106%
83	15.900	1189	1191	1198	rVB4	52123	136152	2.84%	0.253%
84	16.071	1203	1206	1209	rBV3	22529	52393	1.09%	0.097%
85	16.620	1251	1254	1258	rVB2	30334	60372	1.26%	0.112%
86	16.768	1263	1267	1271	rVB2	136651	267452	5.58%	0.497%
87	17.180	1300	1303	1308	rBV	105726	213248	4.45%	0.397%
88	17.545	1331	1335	1339	rVB6	22553	72260	1.51%	0.134%
89	17.808	1353	1358	1361	rVB6	13939	49412	1.03%	0.092%
90	19.294	1482	1488	1495	rVB3	30533	111322	2.32%	0.207%

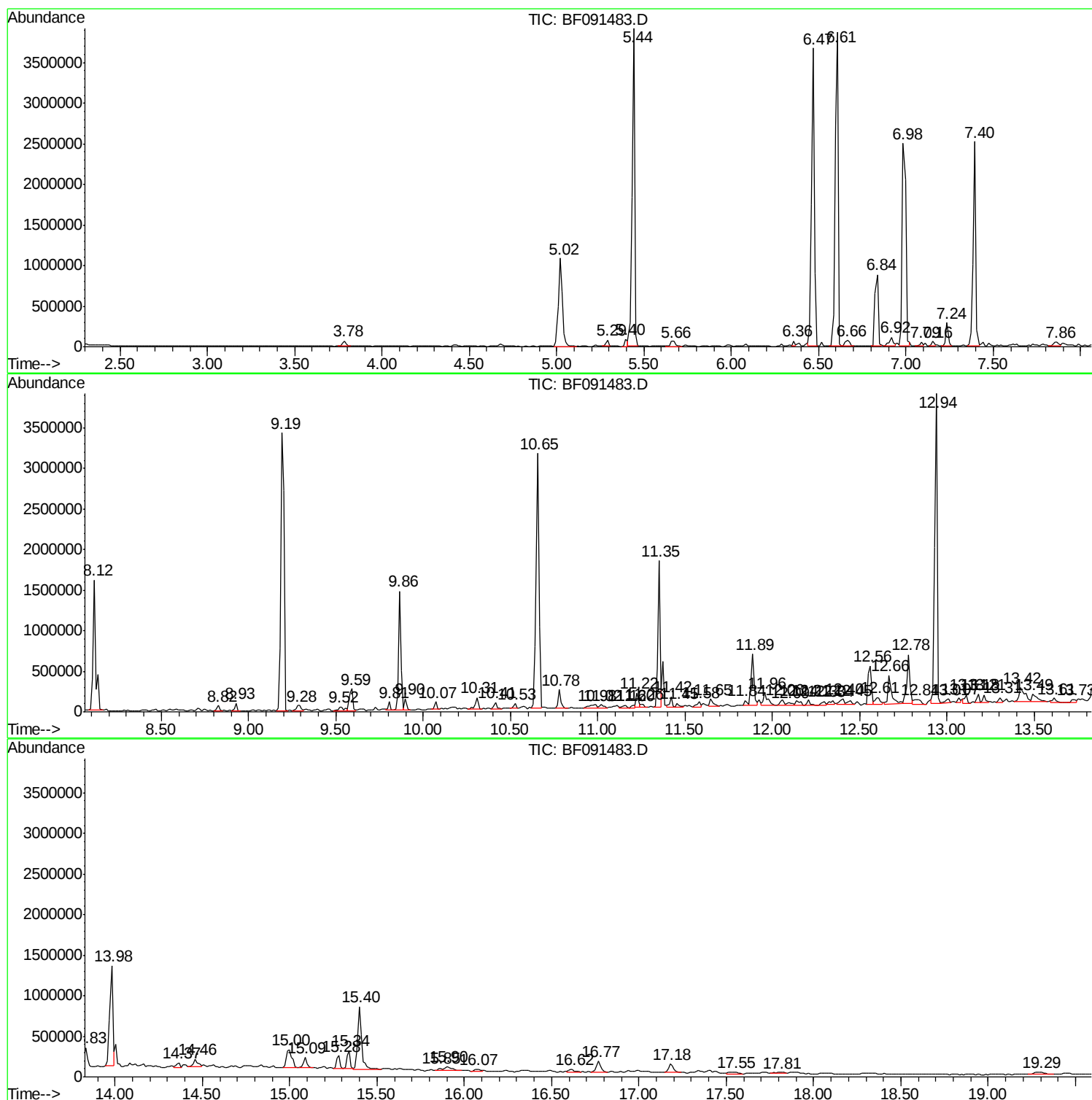
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Instrument :
BNA_F
ClientSampled :
TP17-18-COMP4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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TP17-18-COMP4

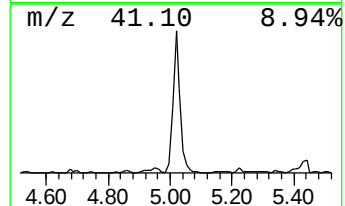
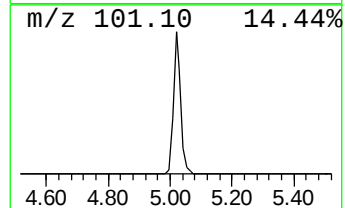
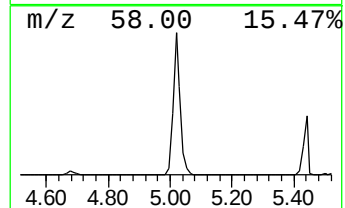
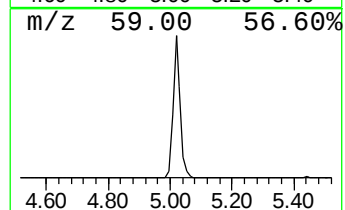
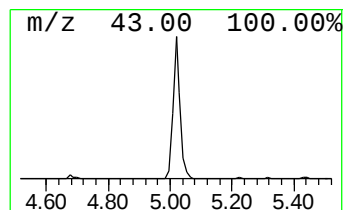
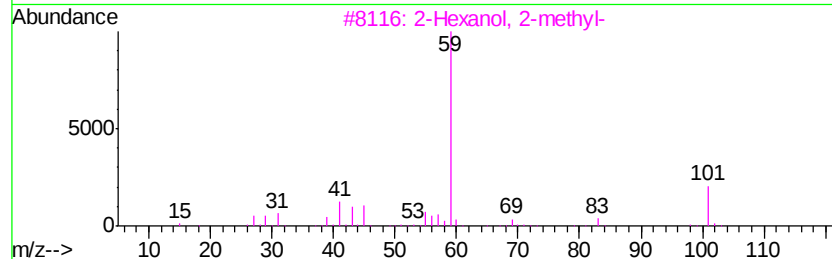
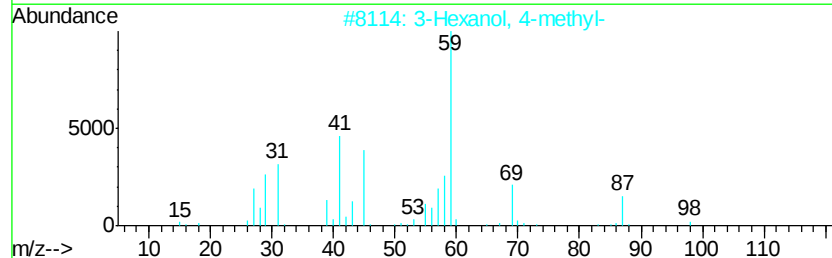
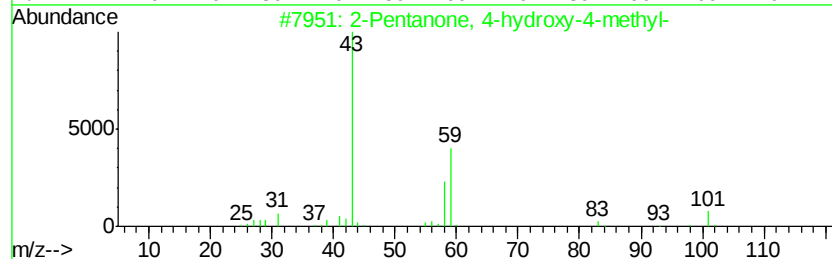
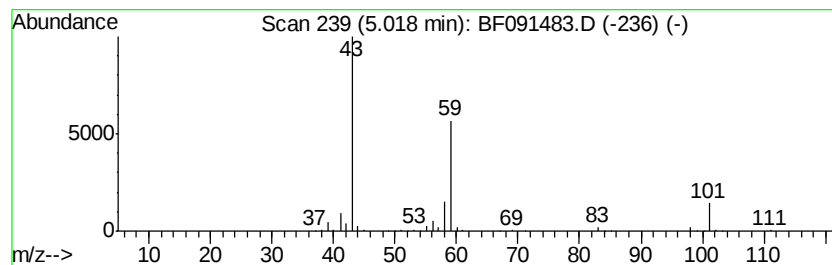
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	32.15 ng	1733780	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17



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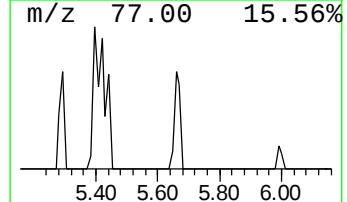
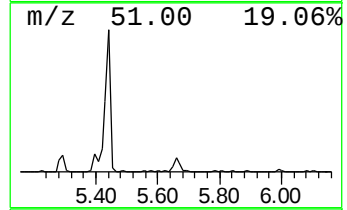
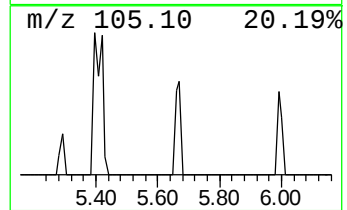
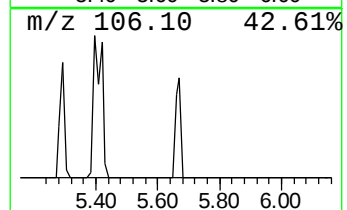
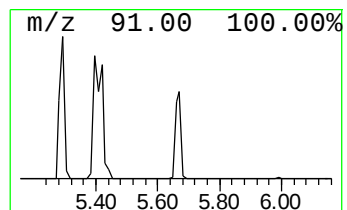
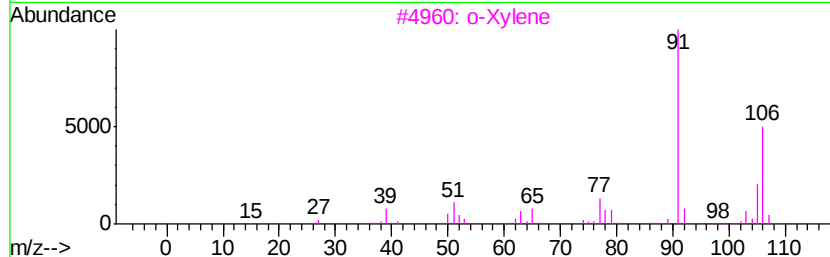
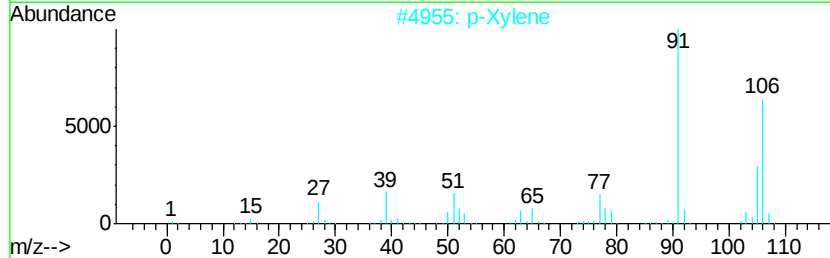
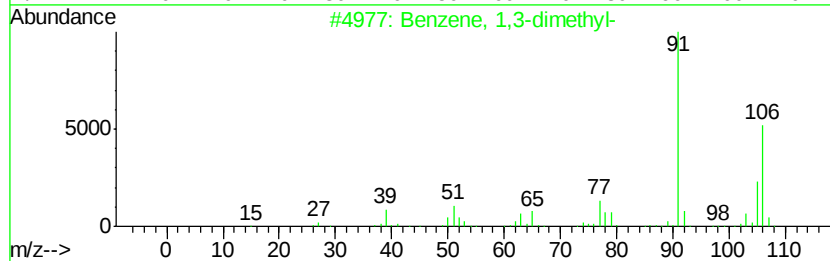
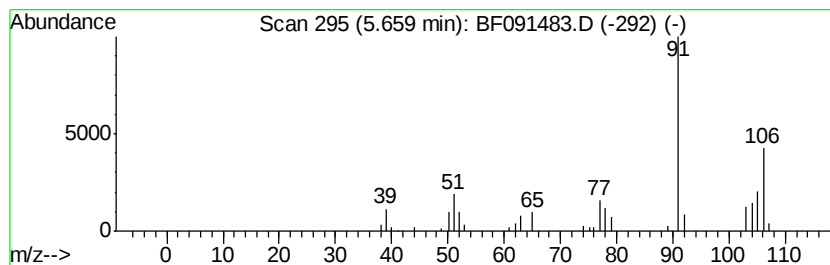
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	2.05 ng	110707	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
2			p-Xylene	106	C8H10	000106-42-3	90
3			o-Xylene	106	C8H10	000095-47-6	87
4			Ethylbenzene	106	C8H10	000100-41-4	76
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	68



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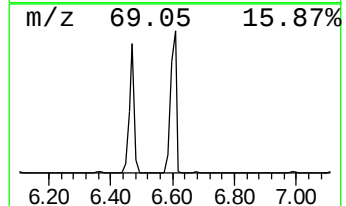
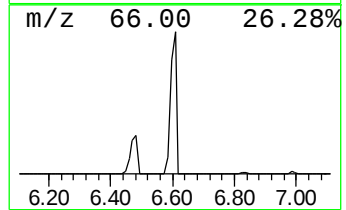
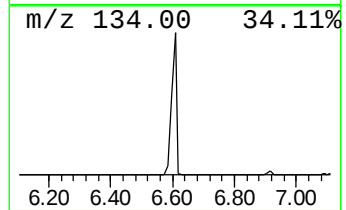
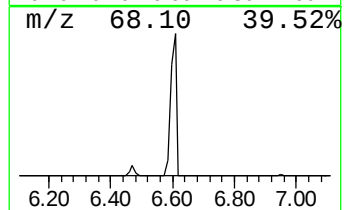
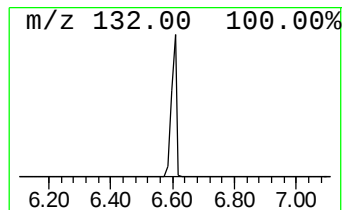
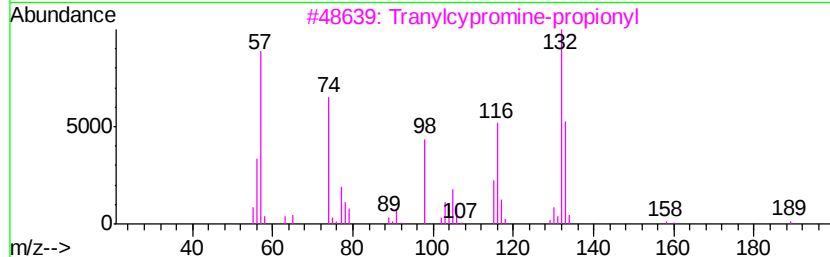
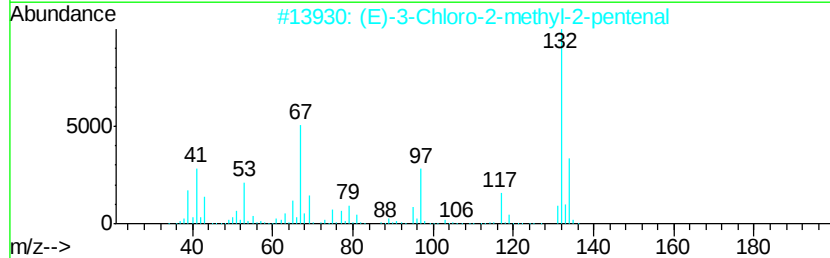
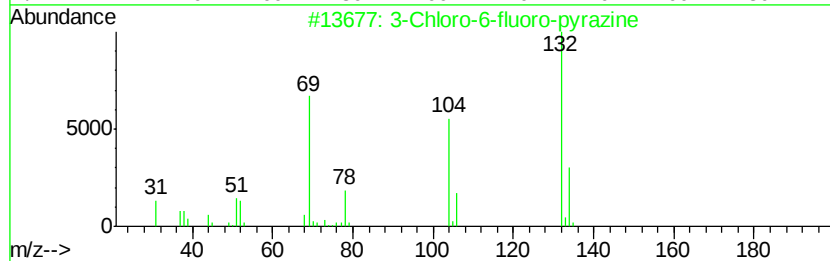
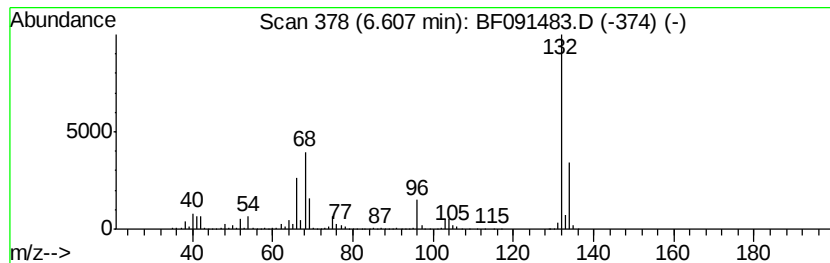
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	88.89 ng	4793520	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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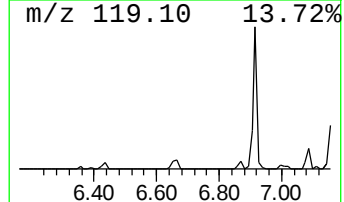
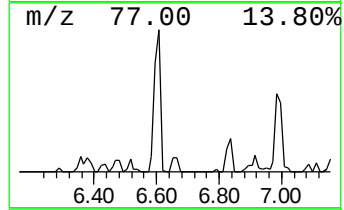
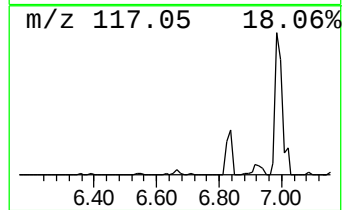
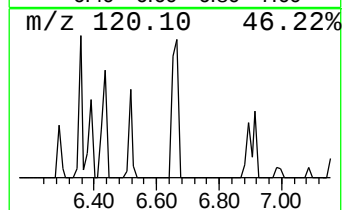
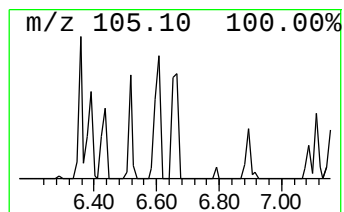
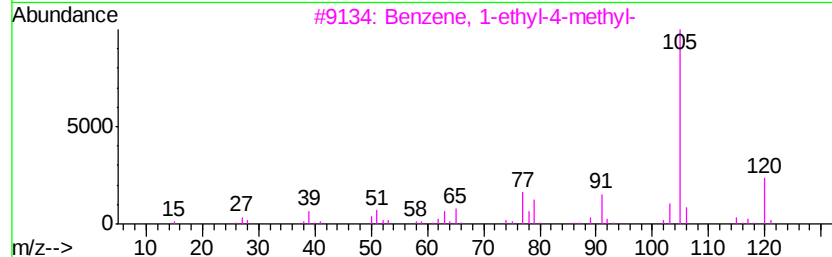
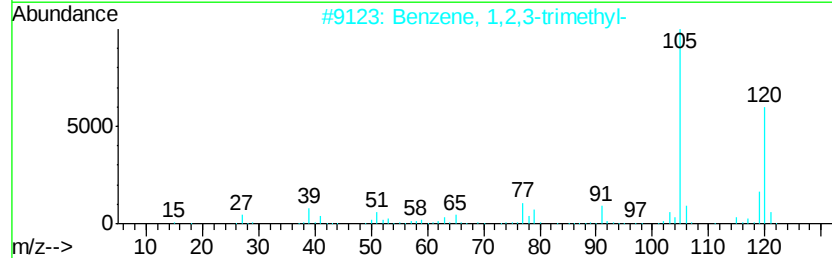
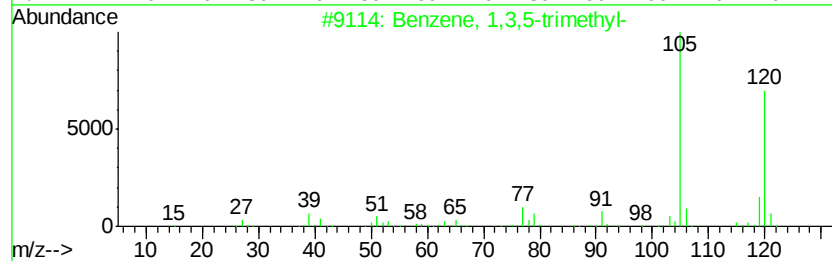
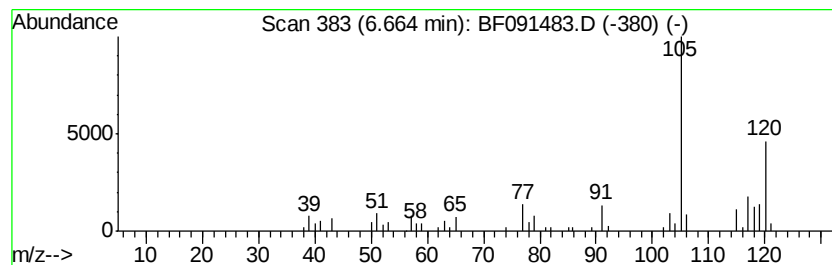
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	2.02 ng	108671	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	92
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

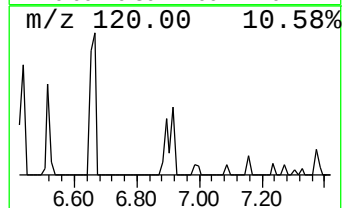
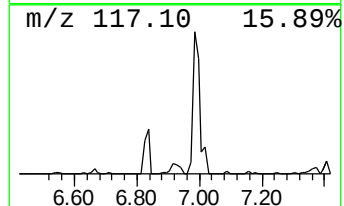
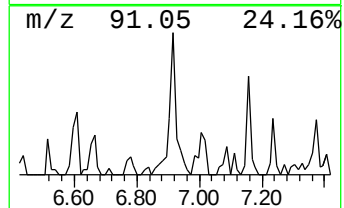
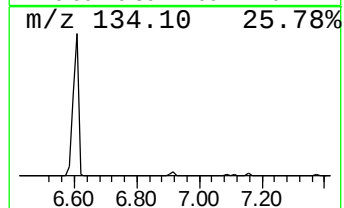
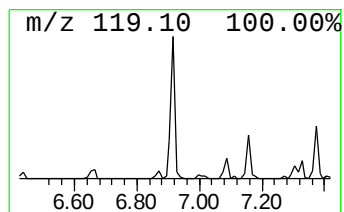
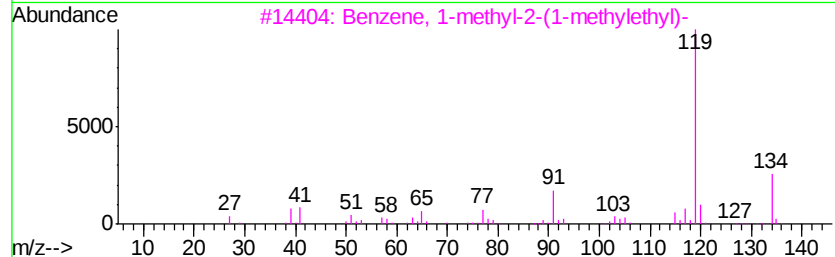
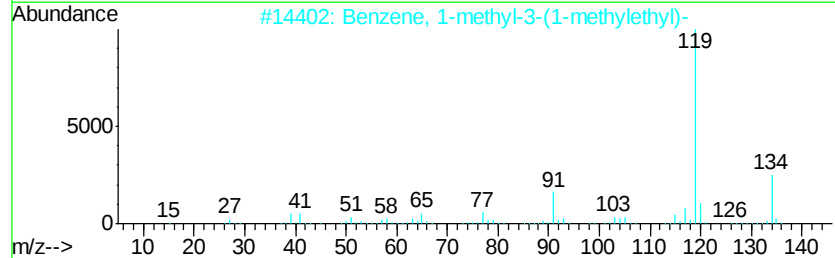
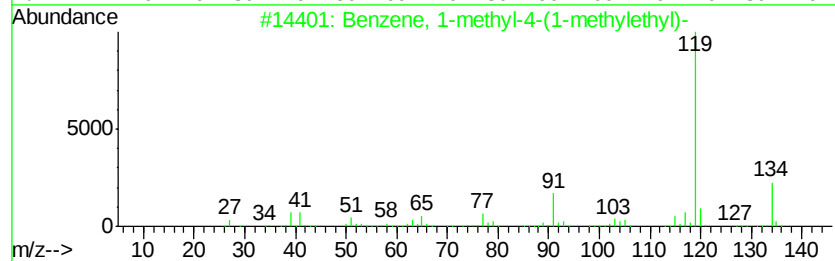
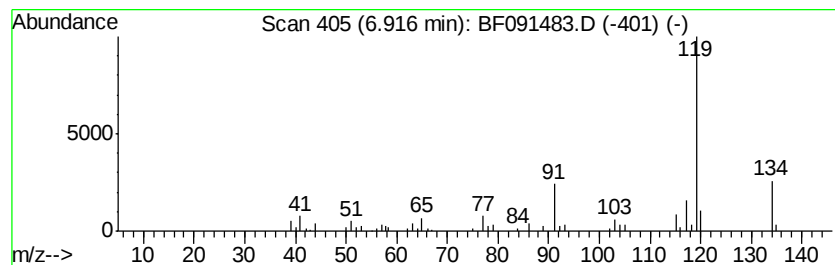
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	3.05 ng	164618	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091483.D
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Operator : UM/SJ
Sample : H5869-03
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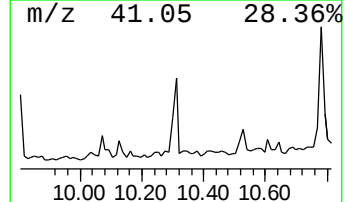
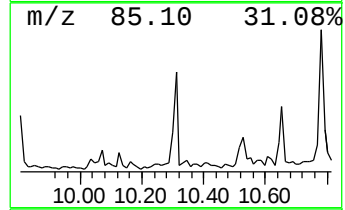
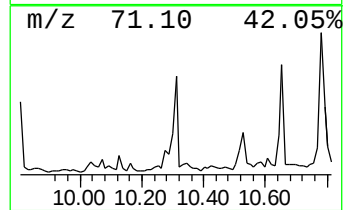
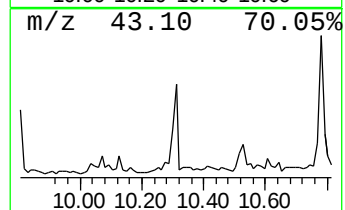
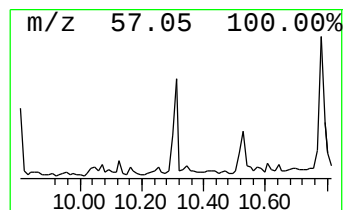
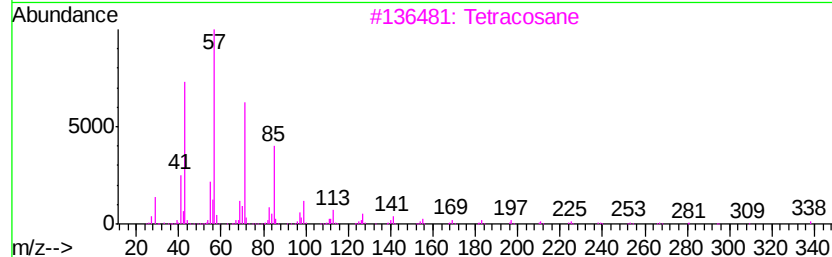
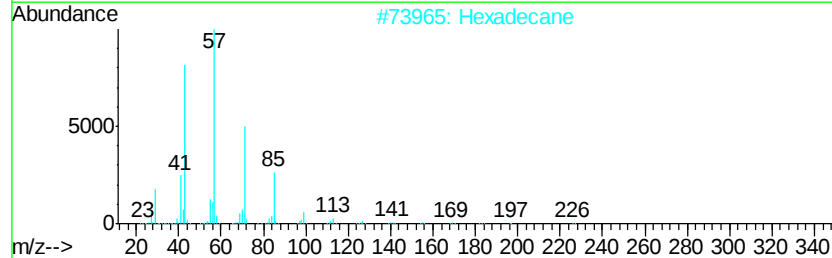
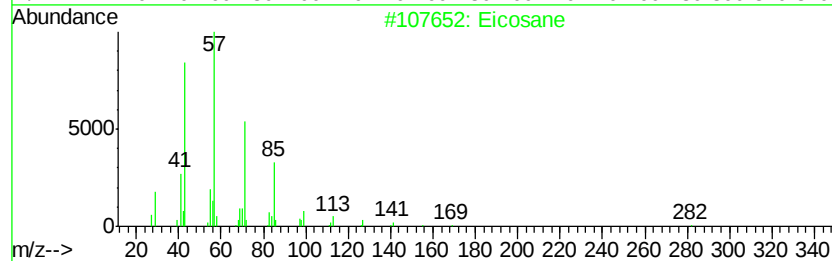
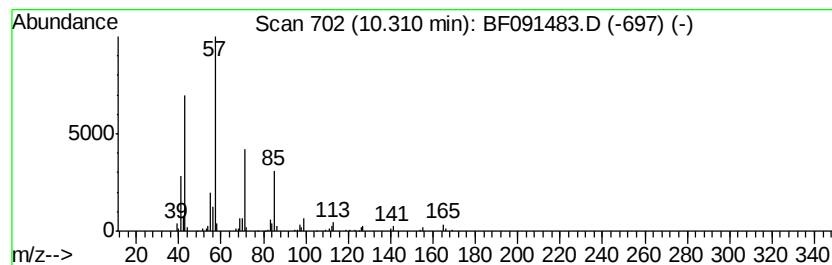
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.17 ng	162418	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	90
2	Hexadecane	226 C16H34	000544-76-3	86
3	Tetracosane	338 C24H50	000646-31-1	80
4	Tridecane, 6-methyl-	198 C14H30	013287-21-3	78
5	Pentadecane	212 C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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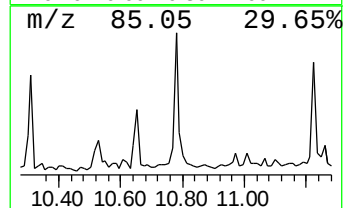
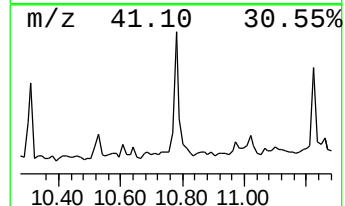
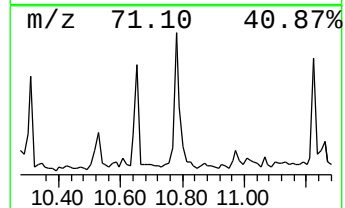
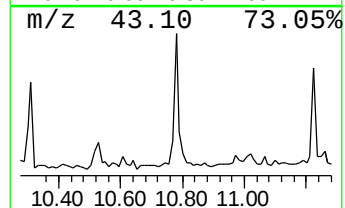
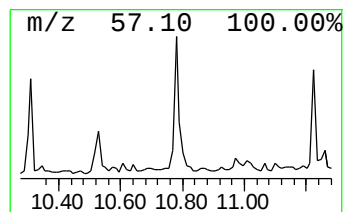
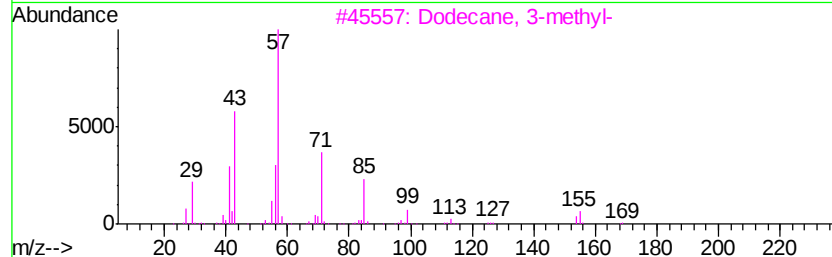
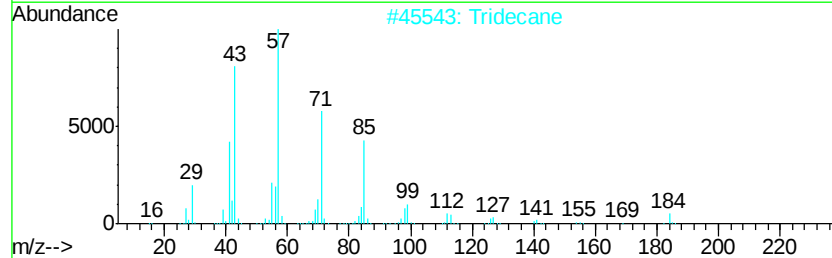
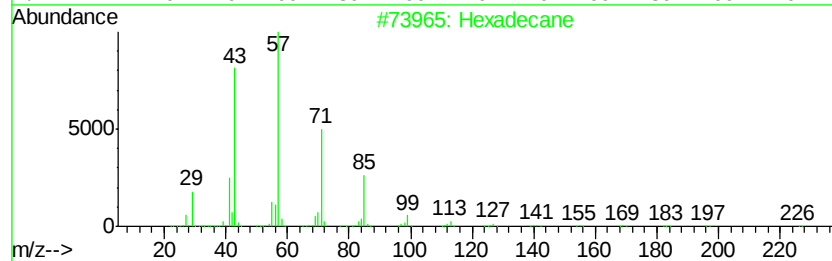
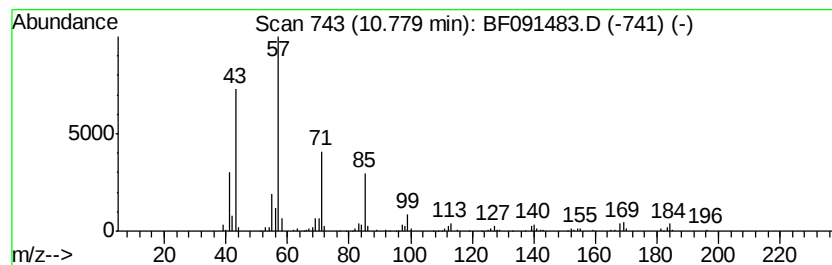
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.84 ng	241855	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Tridecane	184	C13H28	000629-50-5	76
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
4		Dodecane	170	C12H26	000112-40-3	72
5		5-Ethyldecane	170	C12H26	017302-36-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
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Misc :
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ClientSampleId :
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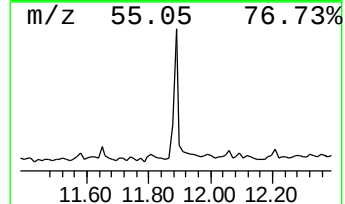
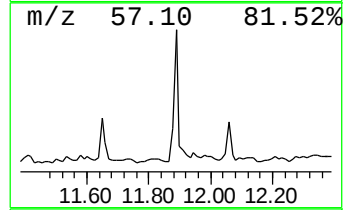
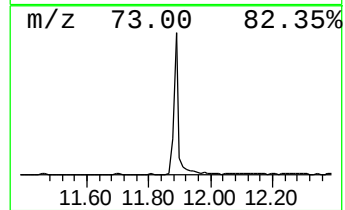
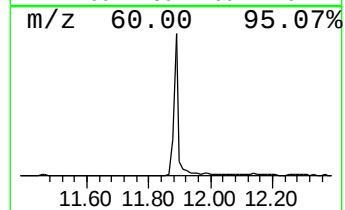
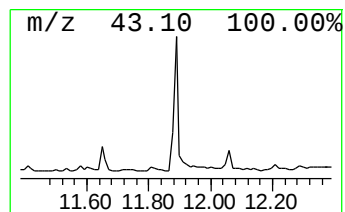
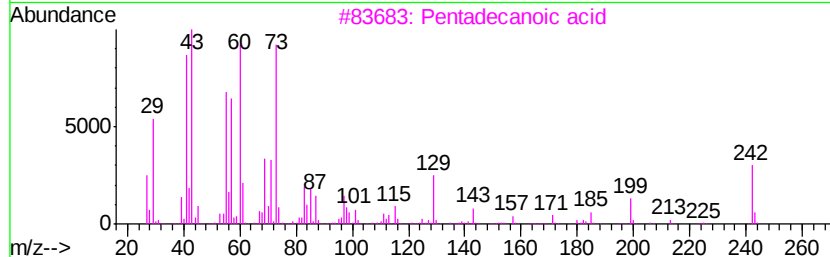
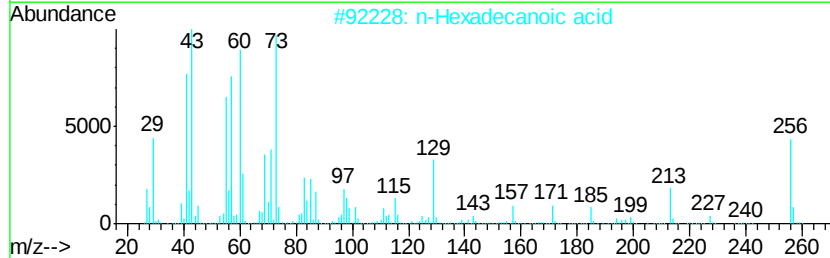
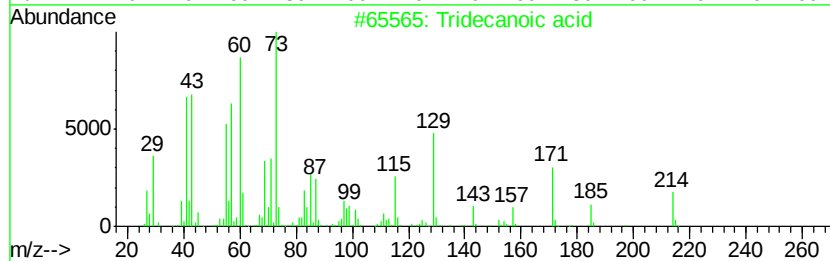
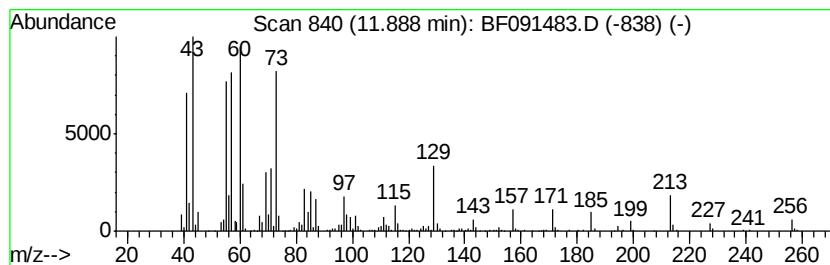
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.18 ng	696003	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
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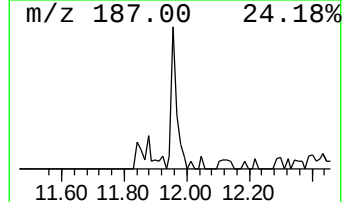
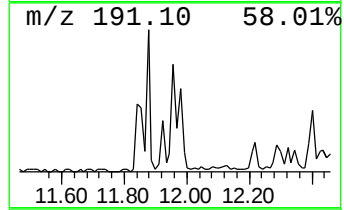
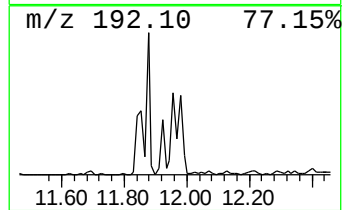
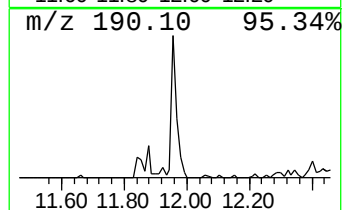
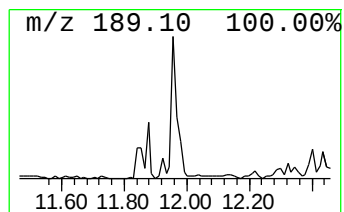
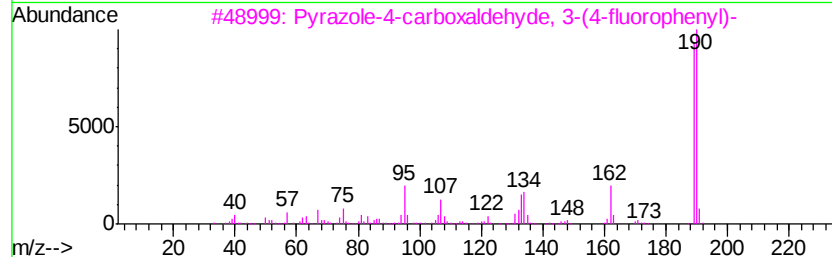
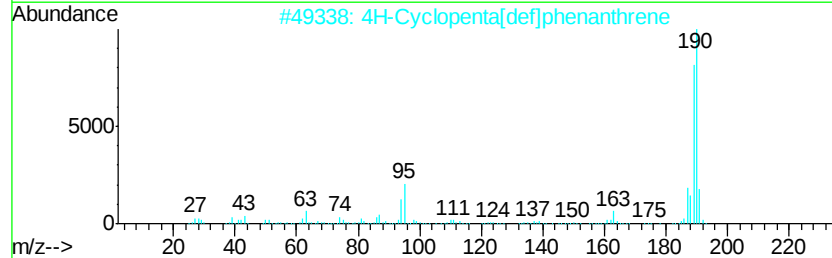
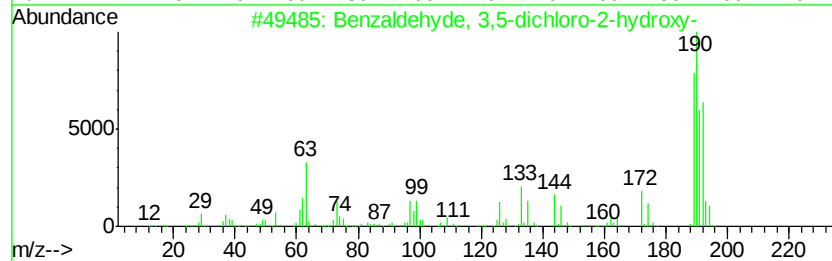
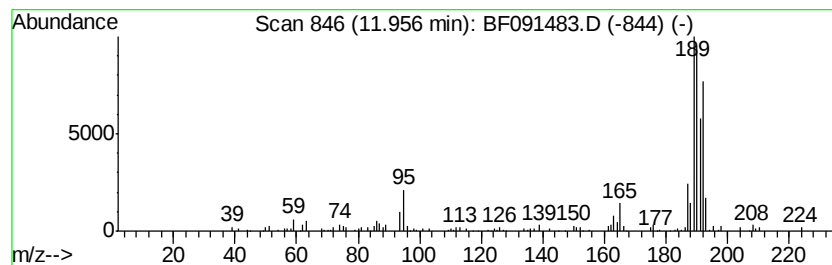
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.26 ng	277425	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyd, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			Pyrazole-4-carboxaldehyd, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4			8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
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ALS Vial : 15 Sample Multiplier: 1

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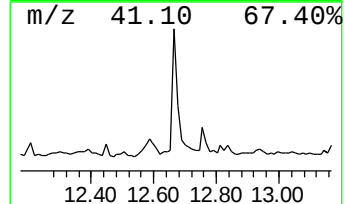
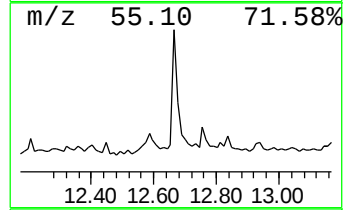
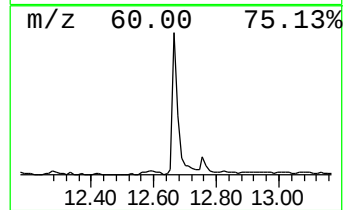
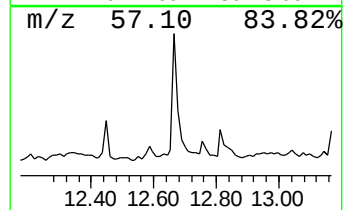
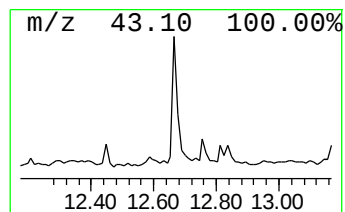
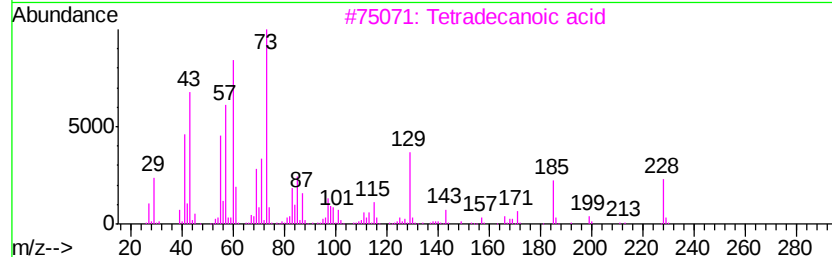
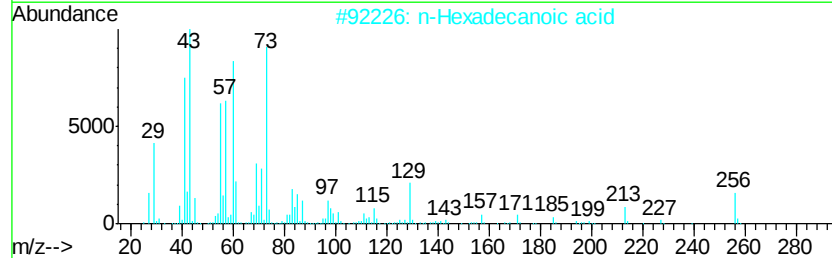
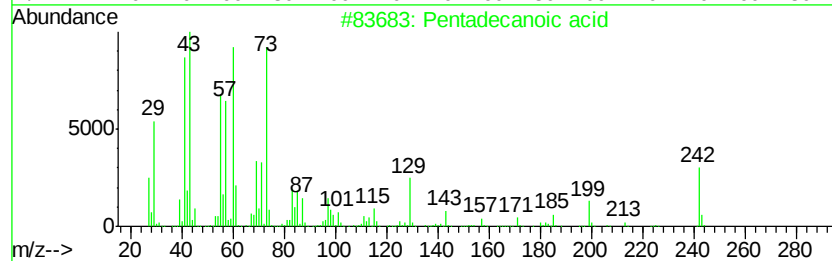
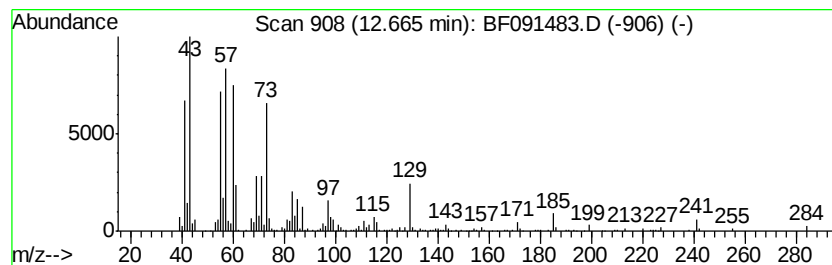
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	8.01 ng	549408	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

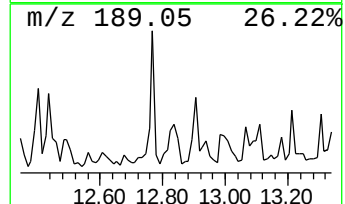
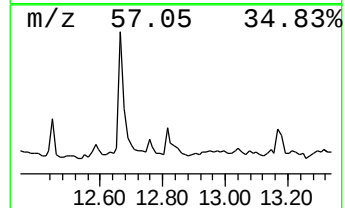
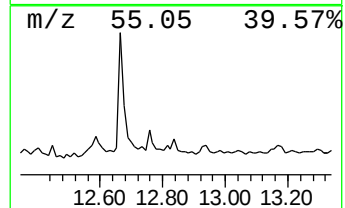
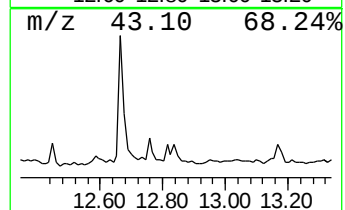
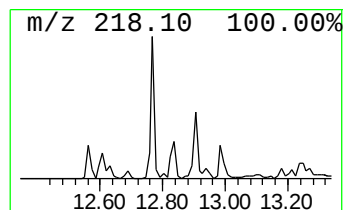
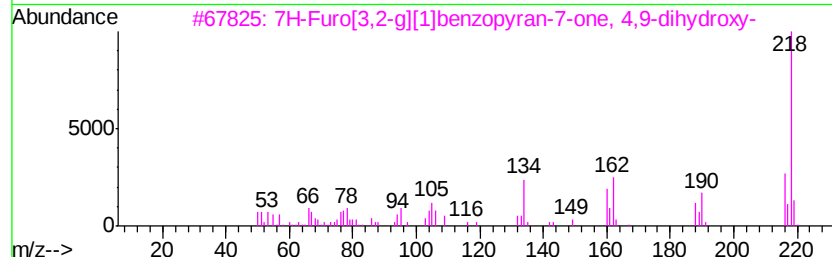
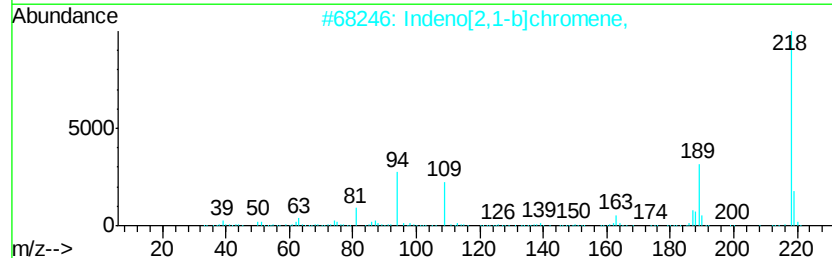
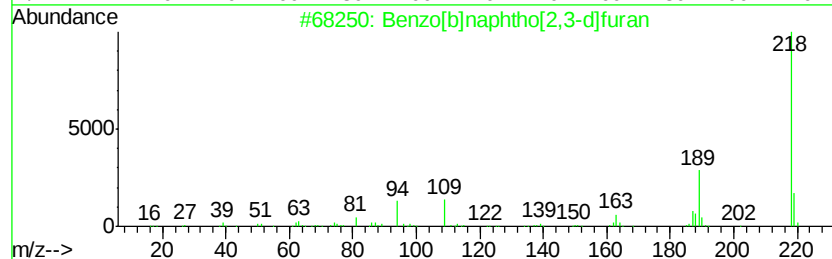
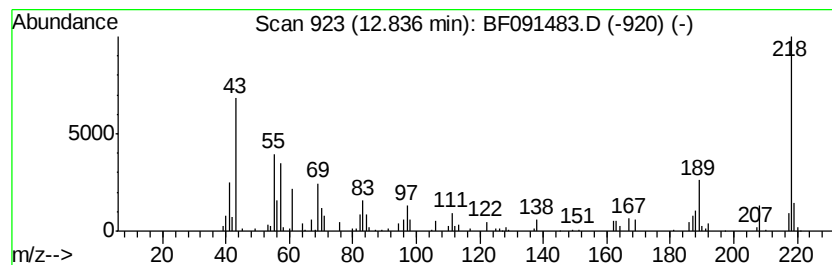
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ClientSampleId :
TP17-18-COMP4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,3-d]furan Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.84	2.19 ng	150198	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	52
2	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	52
3	7H-Furo[3,2-g][1]benzopyran-7-on...	218	C11H6O5	014348-23-3	49
4	Benzo[k]laxanthene	218	C16H10O	000200-23-7	49
5	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

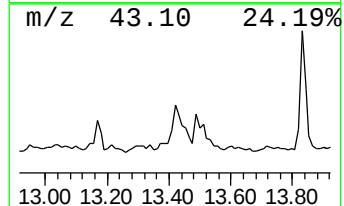
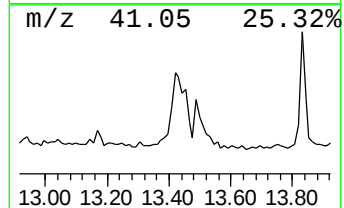
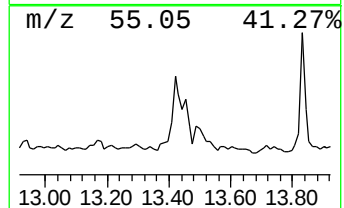
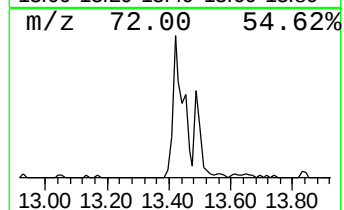
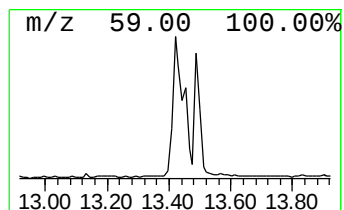
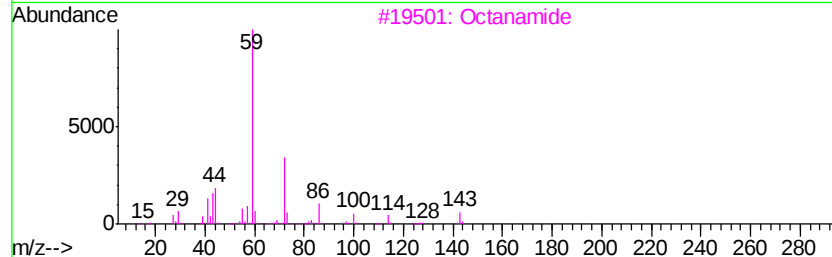
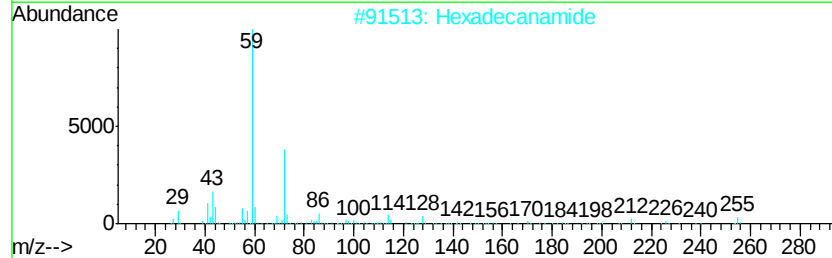
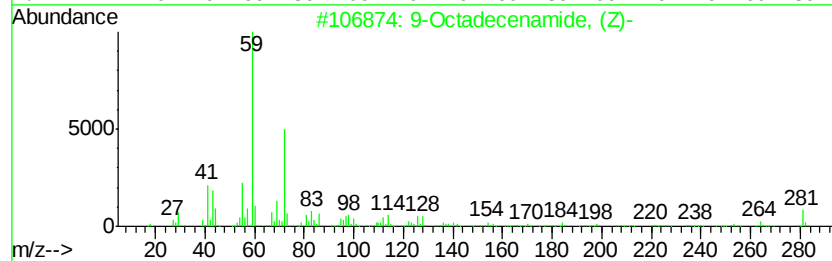
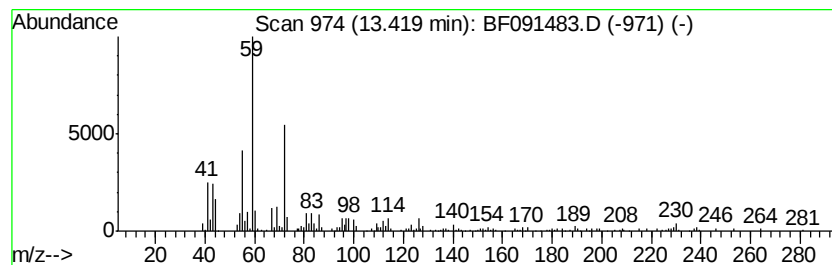
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	5.89 ng	403715	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2		Hexadecanamide	255	C16H33NO	000629-54-9	72
3		Octanamide	143	C8H17NO	000629-01-6	59
4		Decanamide-	171	C10H21NO	002319-29-1	59
5		Dodecanamide	199	C12H25NO	001120-16-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

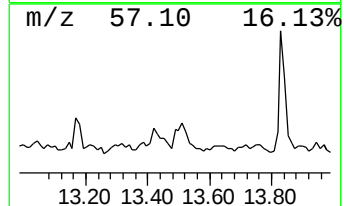
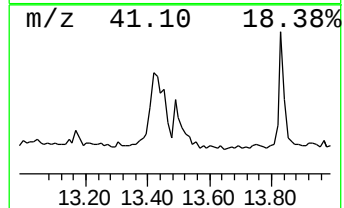
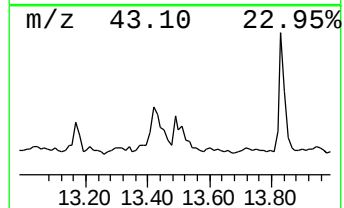
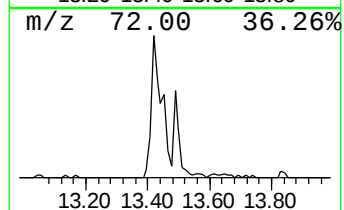
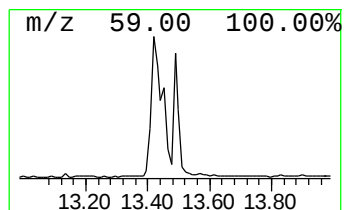
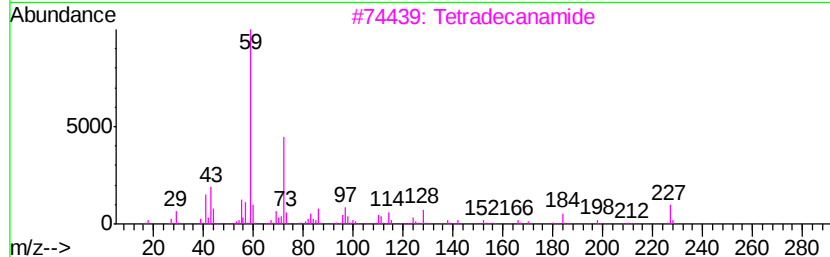
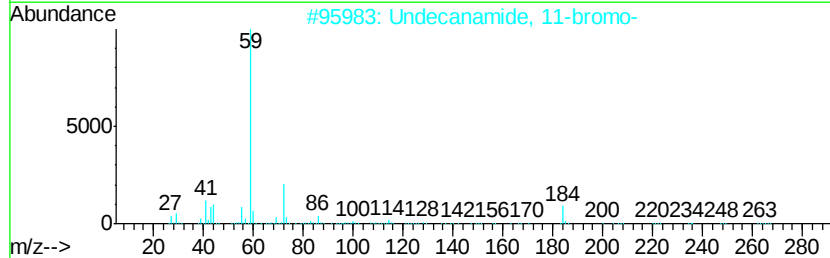
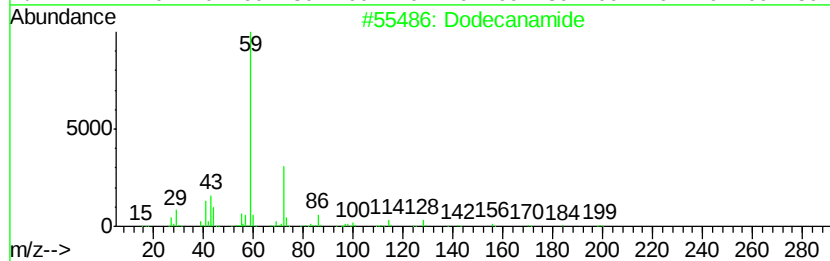
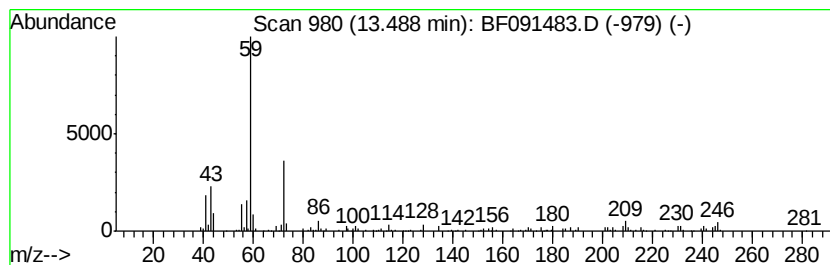
Instrument :
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ClientSampleId :
TP17-18-COMP4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecanamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.49	3.01 ng	206398	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	64
2	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5	Nonadecanamide	297	C19H39NO	058185-32-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP17-18-COMP4

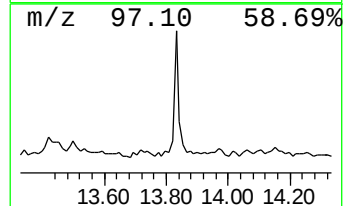
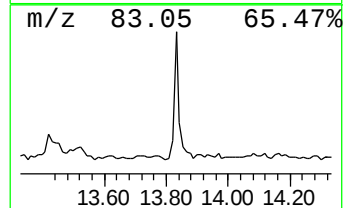
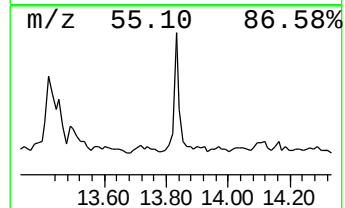
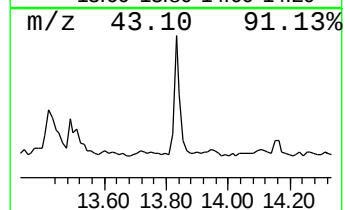
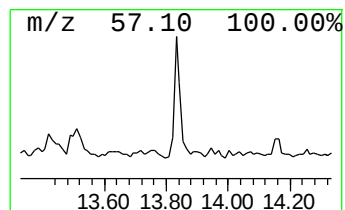
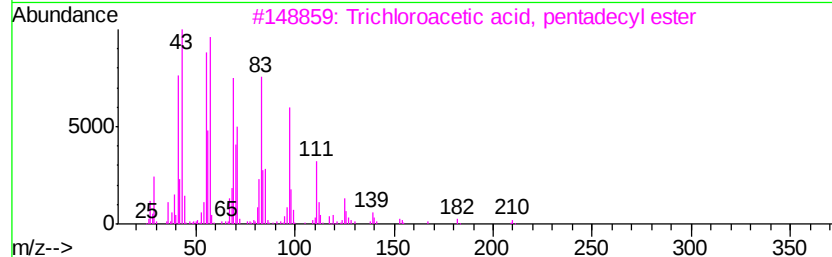
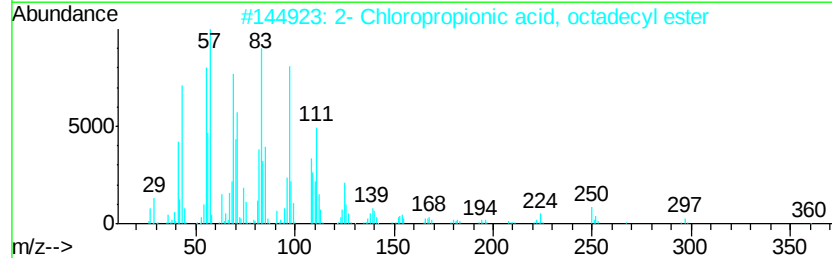
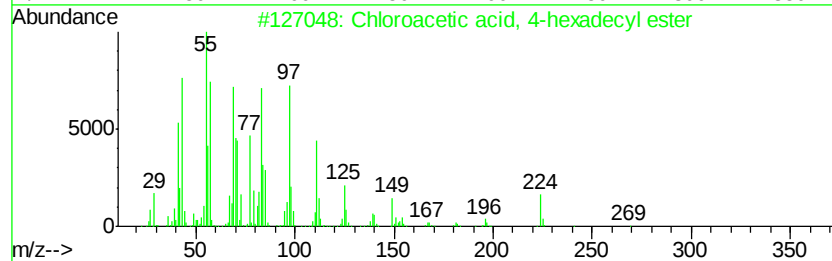
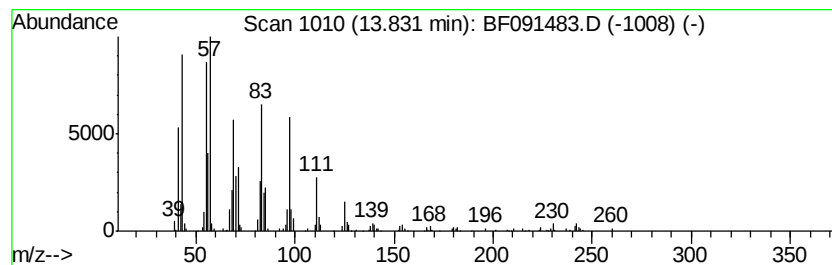
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Chloroacetic acid, 4-hexade... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.14 ng	284200	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	91
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5		1,2-Octadecanediol	286	C18H38O2	020294-76-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP17-18-COMP4

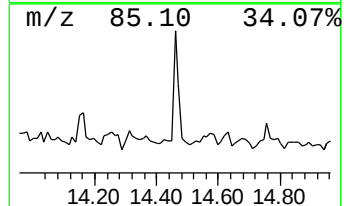
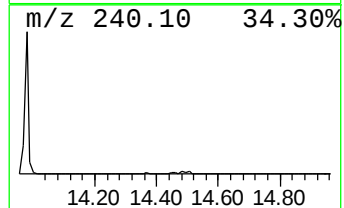
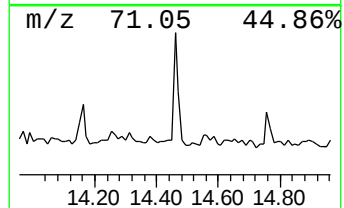
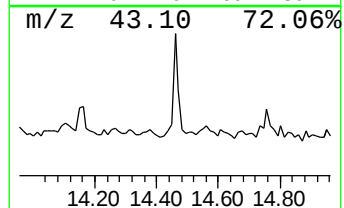
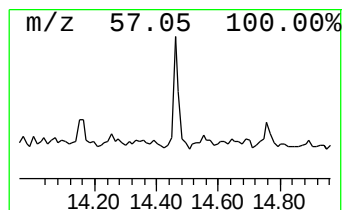
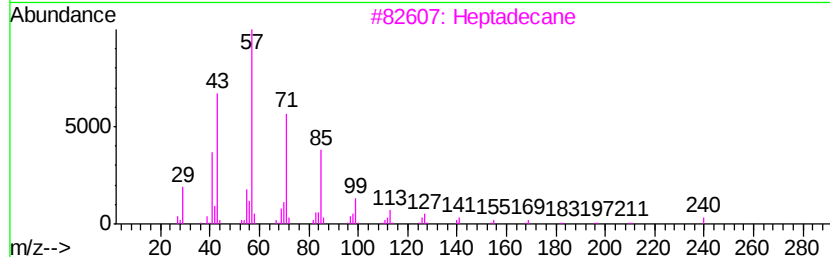
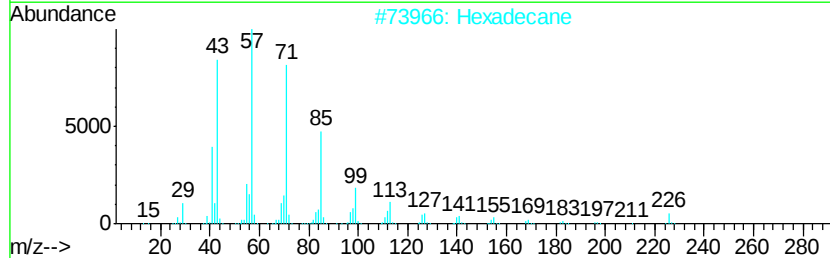
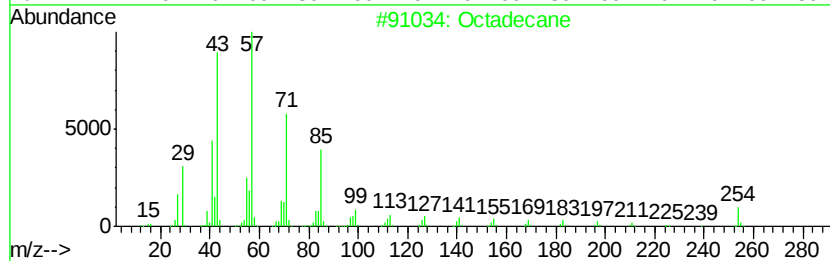
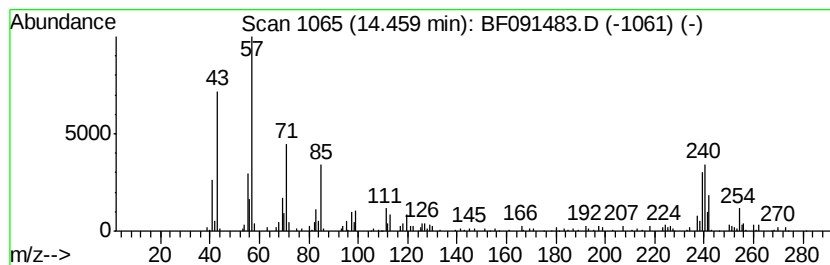
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.60 ng	178684	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	58
2		Hexadecane	226	C16H34	000544-76-3	56
3		Heptadecane	240	C17H36	000629-78-7	55
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	38
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091483.D
Acq On : 7 Dec 2016 21:39
Operator : UM/SJ
Sample : H5869-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

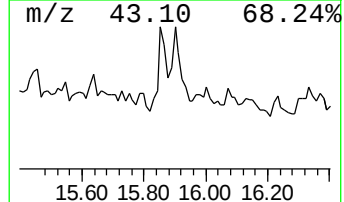
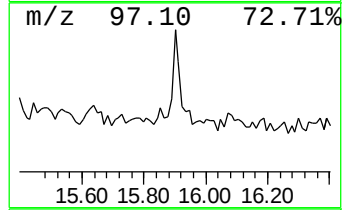
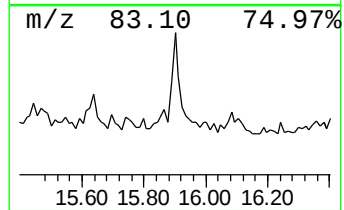
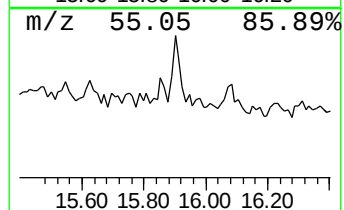
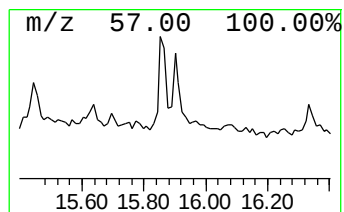
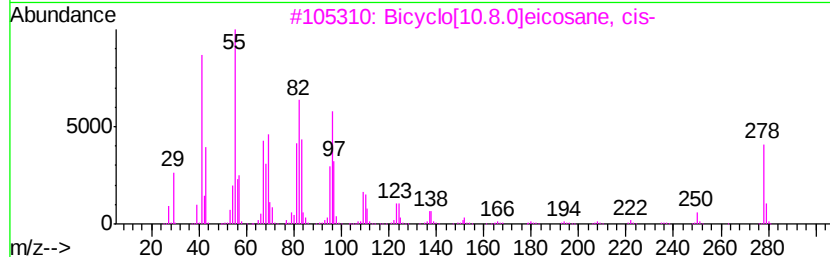
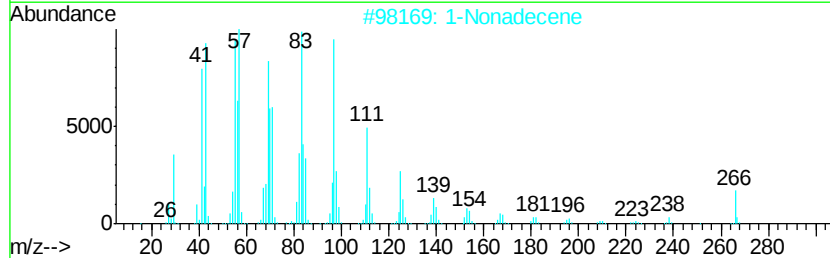
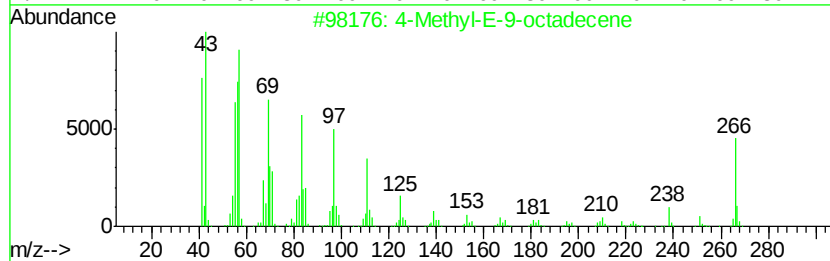
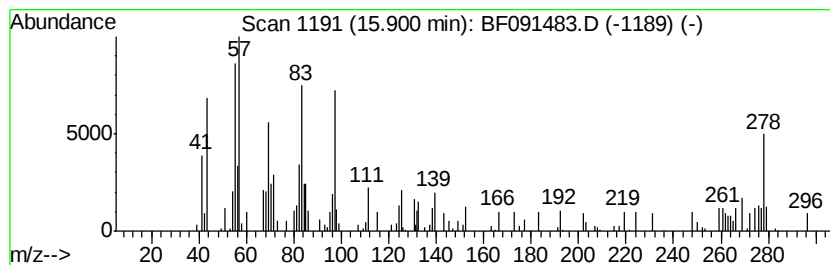
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ClientSampleId :
TP17-18-COMP4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown5.90 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.90	2.30 ng	136152	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	46
2	1-Nonadecene	266	C19H38	018435-45-5	38
3	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	35
4	7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	35
5	Decanoic acid, 10-(2-hexylcyclop...	296	C19H36O2	1000197-99-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091483.D
 Acq On : 7 Dec 2016 21:39
 Operator : UM/SJ
 Sample : H5869-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP17-18-COMP4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	32.1 ng		1733780	1	6.84	1078570	20.0
Benzene, 1,3-dime...	5.66	2.0 ng		110707	1	6.84	1078570	20.0
unknown6.61	6.61	88.9 ng		4793520	1	6.84	1078570	20.0
Benzene, 1,3,5-tr...	6.66	2.0 ng		108671	1	6.84	1078570	20.0
Benzene, 1-methyl...	6.92	3.0 ng		164618	1	6.84	1078570	20.0
Eicosane	10.31	2.2 ng		162418	3	9.86	1494110	20.0
Hexadecane	10.78	2.8 ng		241855	4	11.35	1702390	20.0
Tridecanoic acid	11.89	8.2 ng		696003	4	11.35	1702390	20.0
Benzaldehyde, 3,5...	11.96	3.3 ng		277425	4	11.35	1702390	20.0
Pentadecanoic acid	12.67	8.0 ng		549408	5	13.98	1371880	20.0
Benzo[b]naphtho[2...	12.84	2.2 ng		150198	5	13.98	1371880	20.0
9-Octadecenamide,...	13.42	5.9 ng		403715	5	13.98	1371880	20.0
Dodecanamide	13.49	3.0 ng		206398	5	13.98	1371880	20.0
Chloroacetic acid...	13.83	4.1 ng		284200	5	13.98	1371880	20.0
Octadecane	14.46	2.6 ng		178684	5	13.98	1371880	20.0
unknown5.90	15.90	2.3 ng		136152	6	15.40	1182900	20.0