

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089179.D
 Acq On : 21 Jul 2016 14:43
 Operator : UM/SJ
 Sample : H4121-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-AST-COMP

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-BF072016.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	1.724	11	12	45	rVB	910687	1743288	100.00%	6.716%
2	4.730	272	275	284	rBV	32106	59041	3.39%	0.227%
3	5.187	313	315	332	rBV	683244	982071	56.33%	3.783%
4	5.393	332	333	339	rVB2	9178	18815	1.08%	0.072%
5	6.261	406	409	416	rBV	658153	1037782	59.53%	3.998%
6	6.364	416	418	427	rVB	813704	1058895	60.74%	4.079%
7	6.604	437	439	450	rBV	186439	298699	17.13%	1.151%
8	6.753	450	452	460	rVV	868377	856043	49.11%	3.298%
9	7.164	486	488	495	rBV	407090	655728	37.61%	2.526%
10	7.256	495	496	505	rVB	9001	20693	1.19%	0.080%
11	7.884	549	551	557	rBV	396176	392872	22.54%	1.514%
12	8.593	611	613	619	rBV	12414	23249	1.33%	0.090%
13	8.696	619	622	624	rVB	20802	21874	1.25%	0.084%
14	8.959	643	645	648	rBV	959536	1089116	62.47%	4.196%
15	9.222	666	668	670	rBV	17843	23911	1.37%	0.092%
16	9.290	672	674	676	rVV	46652	57656	3.31%	0.222%
17	9.359	678	680	683	rVV	204767	195703	11.23%	0.754%
18	9.405	683	684	688	rVV	20341	30699	1.76%	0.118%
19	9.485	690	691	695	rVV	82881	106298	6.10%	0.410%
20	9.565	697	698	701	rVV3	10137	20186	1.16%	0.078%
21	9.633	701	704	705	rVV	294400	350891	20.13%	1.352%
22	9.656	705	706	712	rVB	53418	61667	3.54%	0.238%
23	9.839	719	722	723	rBV	18801	24481	1.40%	0.094%
24	9.873	723	725	726	rVB	23578	20272	1.16%	0.078%
25	9.942	729	731	733	rBV	28202	33402	1.92%	0.129%
26	10.033	737	739	742	rBV2	13217	30386	1.74%	0.117%
27	10.079	742	743	745	rVB	42612	32105	1.84%	0.124%
28	10.148	745	749	750	rBV2	11132	23373	1.34%	0.090%
29	10.170	750	751	754	rVB	75317	80030	4.59%	0.308%
30	10.239	754	757	760	rBV3	16523	30731	1.76%	0.118%
31	10.330	764	765	770	rVB2	24015	22868	1.31%	0.088%
32	10.410	770	772	775	rBV2	445825	512113	29.38%	1.973%
33	10.548	781	784	789	rVB	35797	52273	3.00%	0.201%
34	10.719	796	799	800	rBV	37081	47352	2.72%	0.182%

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35	10.799	805	806	808 rVB	31766	25045	1.44%	0.096%
36	10.868	808	812	815 rVB2	26792	37468	2.15%	0.144%
37	10.913	815	816	818 rVB2	21660	20479	1.17%	0.079%
38	10.959	818	820	822 rBV	28024	31005	1.78%	0.119%
39	10.993	822	823	828 rVB2	51421	71999	4.13%	0.277%
40	11.131	830	835	837 rBV2	824290	1115956	64.01%	4.299%
41	11.176	837	839	841 rVB	239461	221906	12.73%	0.855%
42	11.211	841	842	844 rVB	19644	24349	1.40%	0.094%
43	11.336	851	853	857 rBV3	38038	75311	4.32%	0.290%
44	11.393	857	858	860 rBV	11687	18600	1.07%	0.072%
45	11.428	860	861	865 rVB4	33133	47496	2.72%	0.183%
46	11.519	865	869	871 rBV2	20692	35542	2.04%	0.137%
47	11.599	874	876	877 rBV	127656	153388	8.80%	0.591%
48	11.633	877	879	880 rVV	173866	171350	9.83%	0.660%
49	11.668	880	882	884 rVV2	244461	312140	17.91%	1.202%
50	11.713	884	886	891 rVB2	258096	389946	22.37%	1.502%
51	11.793	891	893	894 rBV	12961	21059	1.21%	0.081%
52	11.839	894	897	898 rBV3	16855	31945	1.83%	0.123%
53	11.896	900	902	903 rVV	81717	79862	4.58%	0.308%
54	11.919	903	904	907 rVB	57503	77294	4.43%	0.298%
55	12.045	914	915	917 rBV	32255	39630	2.27%	0.153%
56	12.079	917	918	919 rVV	30707	22170	1.27%	0.085%
57	12.148	922	924	926 rBV	86527	135152	7.75%	0.521%
58	12.193	926	928	930 rVV2	84362	152376	8.74%	0.587%
59	12.239	930	932	936 rVB2	51788	76492	4.39%	0.295%
60	12.308	936	938	941 rBV	917153	1102665	63.25%	4.248%
61	12.365	941	943	945 rVV	53509	99022	5.68%	0.381%
62	12.456	948	951	953 rBV	466234	625768	35.90%	2.411%
63	12.536	955	958	961 rVV	987273	1265133	72.57%	4.874%
64	12.582	961	962	966 rVB2	76607	98132	5.63%	0.378%
65	12.651	966	968	969 rBV2	57962	82065	4.71%	0.316%
66	12.685	969	971	974 rVV	750545	839063	48.13%	3.232%
67	12.754	975	977	979 rVV2	73263	121200	6.95%	0.467%
68	12.868	983	987	989 rVB	215361	298039	17.10%	1.148%
69	12.936	990	993	994 rBV	138538	199314	11.43%	0.768%
70	12.971	994	996	999 rVV2	107088	177678	10.19%	0.684%
71	13.085	1002	1006	1008 rVV3	89113	239018	13.71%	0.921%

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72	13.485	1038	1041	1042	rBV	80484	172051	9.87%	0.663%
73	13.611	1051	1052	1054	rVB	129533	126957	7.28%	0.489%
74	13.725	1059	1062	1064	rBV2	663695	1189286	68.22%	4.582%
75	13.759	1064	1065	1069	rVB	491090	408334	23.42%	1.573%
76	13.828	1069	1071	1073	rBV2	91992	134068	7.69%	0.516%
77	14.114	1094	1096	1098	rBV	93686	116433	6.68%	0.449%
78	14.239	1105	1107	1110	rVB3	179278	329145	18.88%	1.268%
79	14.502	1128	1130	1133	rBV	255070	317955	18.24%	1.225%
80	14.639	1141	1142	1147	rVB4	150332	223592	12.83%	0.861%
81	14.731	1147	1150	1154	rBV	432658	849507	48.73%	3.273%
82	14.811	1155	1157	1158	rVV	273757	282877	16.23%	1.090%
83	14.845	1158	1160	1164	rVB2	152103	224220	12.86%	0.864%
84	14.982	1170	1172	1174	rVB	220181	269184	15.44%	1.037%
85	15.039	1174	1177	1179	rVB	323353	426885	24.49%	1.645%
86	15.085	1179	1181	1183	rBV	175403	257430	14.77%	0.992%
87	15.291	1197	1199	1203	rVB3	113409	163463	9.38%	0.630%
88	15.485	1214	1216	1220	rVB	252014	391131	22.44%	1.507%
89	16.148	1271	1274	1283	rVB3	125659	357043	20.48%	1.375%
90	16.320	1286	1289	1292	rVV	152160	321051	18.42%	1.237%
91	16.388	1292	1295	1299	rVB	94165	186830	10.72%	0.720%
92	16.685	1318	1321	1328	rVB	113524	266662	15.30%	1.027%
93	16.800	1329	1331	1336	rVB4	52356	124969	7.17%	0.481%
94	17.303	1373	1375	1378	rVB3	27324	45990	2.64%	0.177%
95	17.623	1400	1403	1409	rVB2	54988	139703	8.01%	0.538%
96	18.548	1482	1484	1492	rVB	28560	83369	4.78%	0.321%

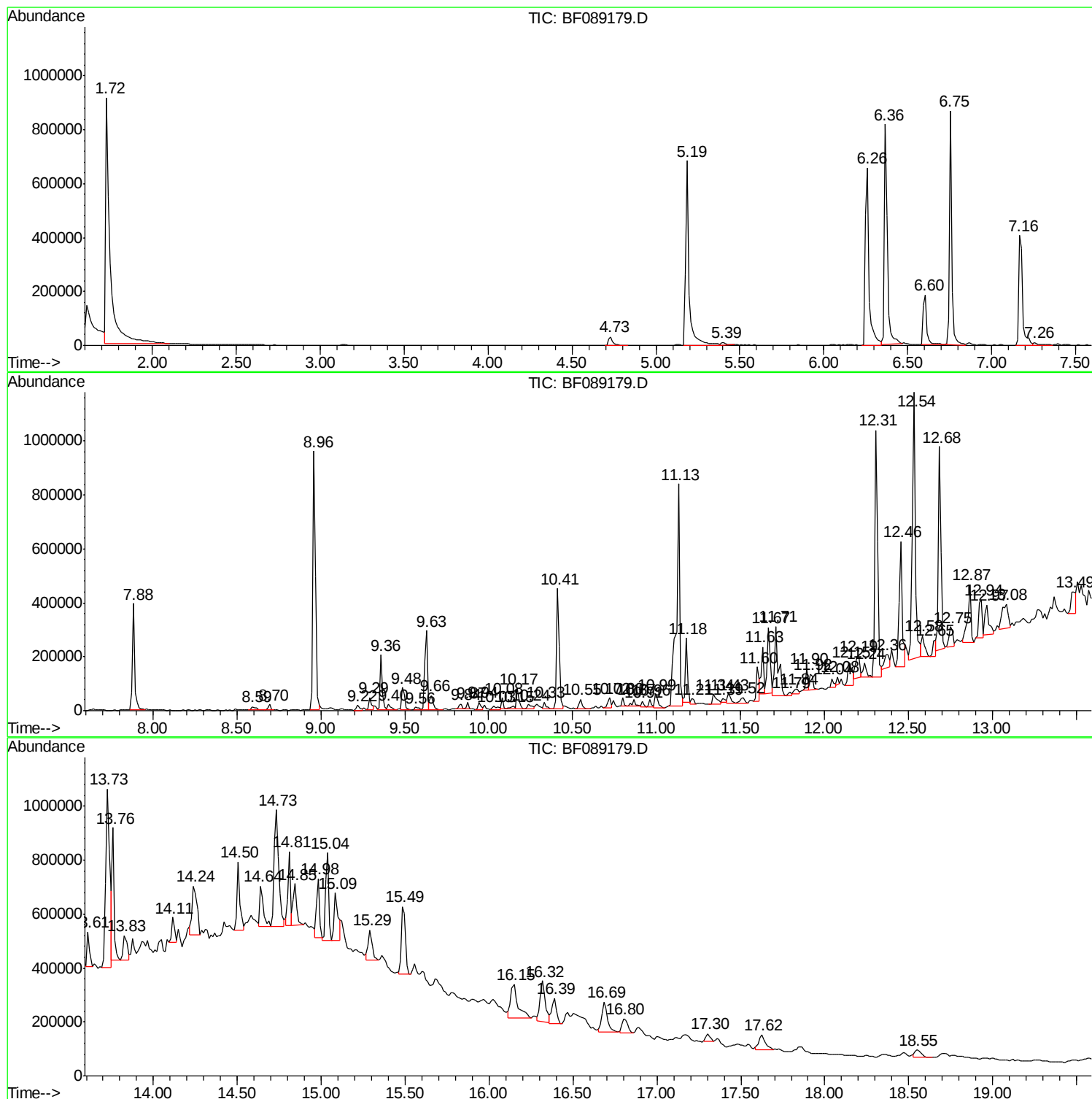
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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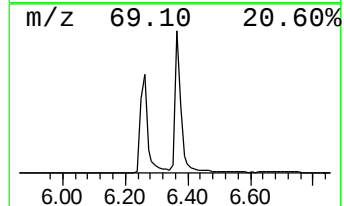
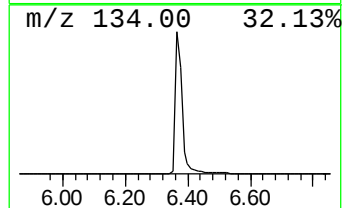
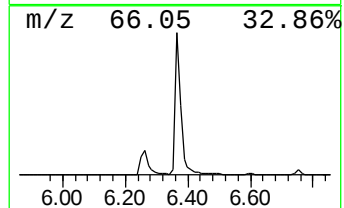
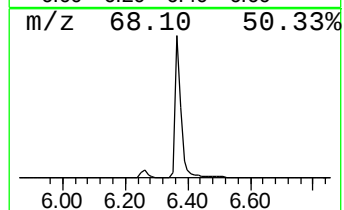
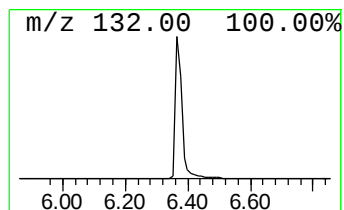
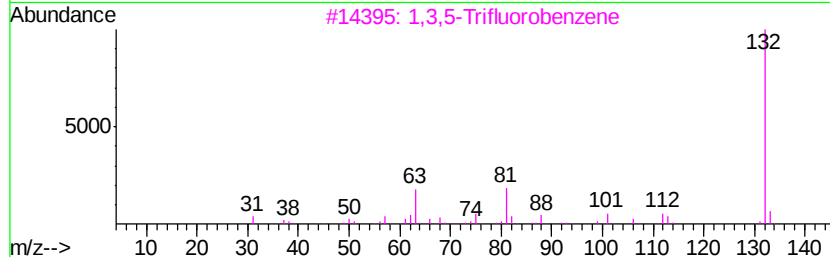
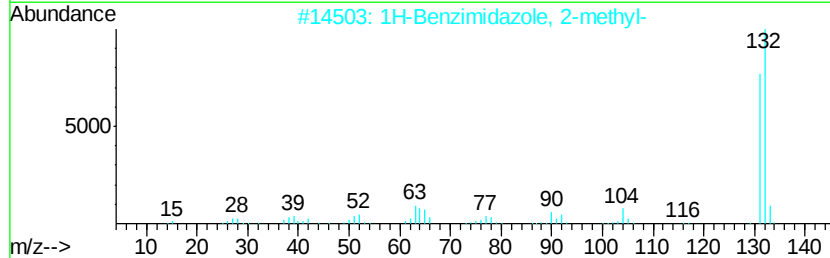
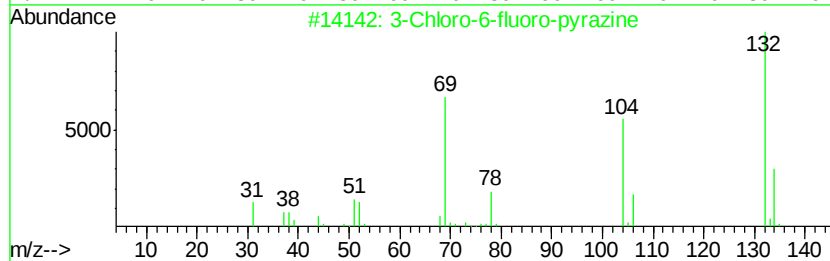
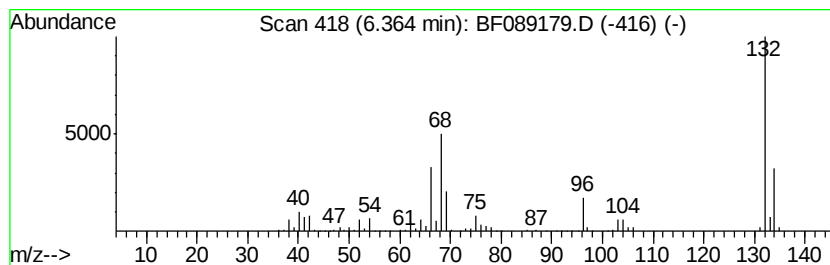
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	70.90 ng	1058900	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10



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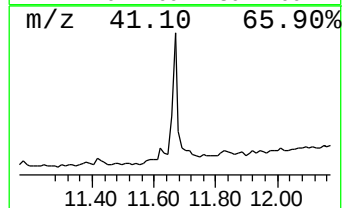
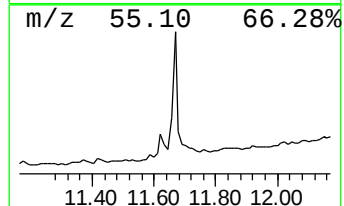
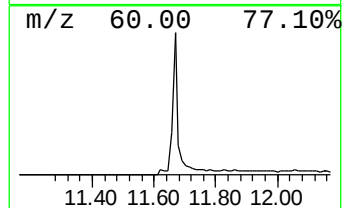
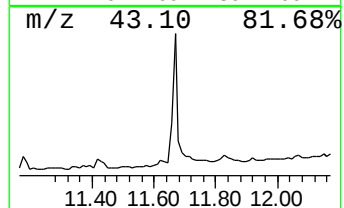
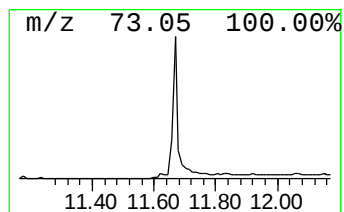
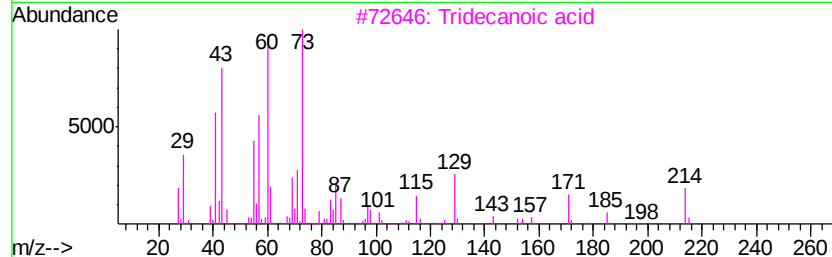
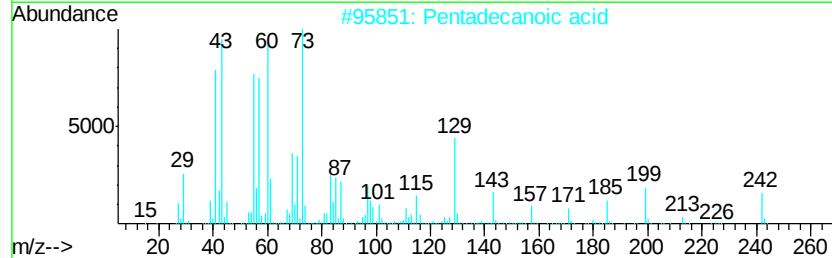
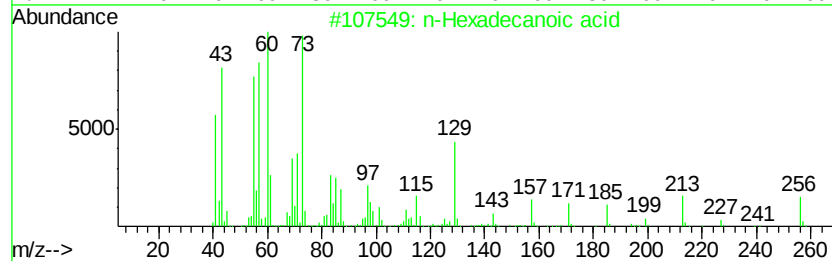
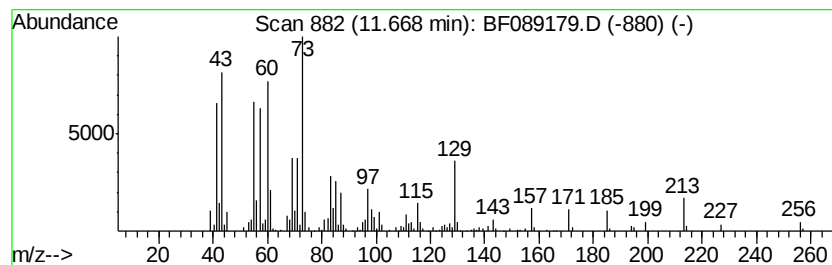
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.59 ng	312140	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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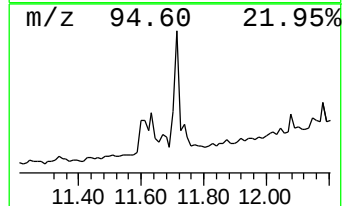
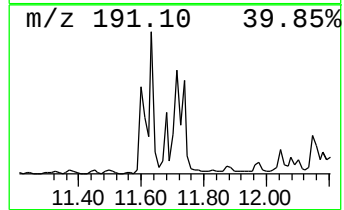
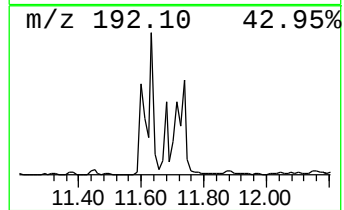
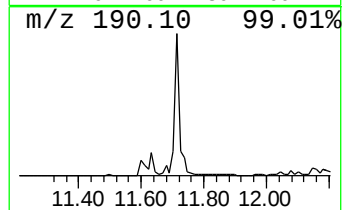
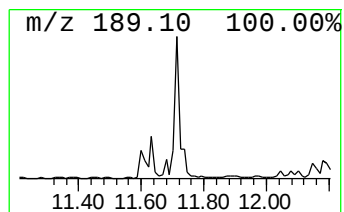
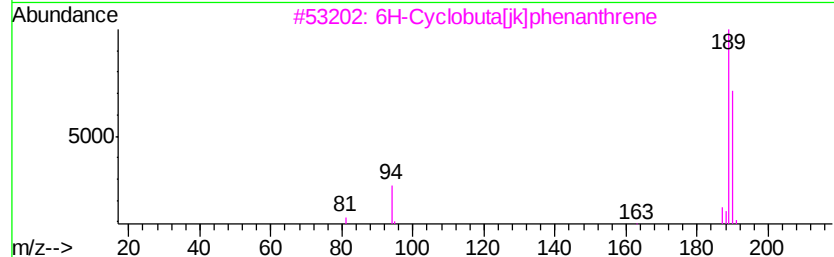
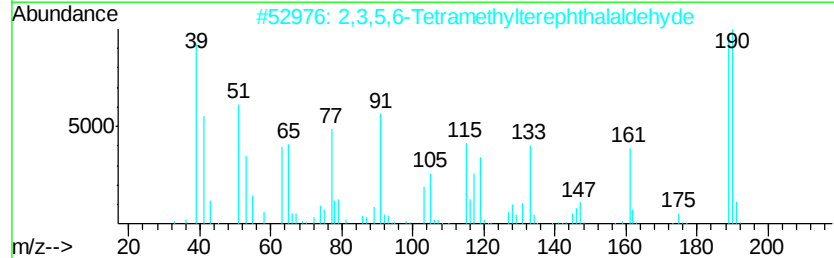
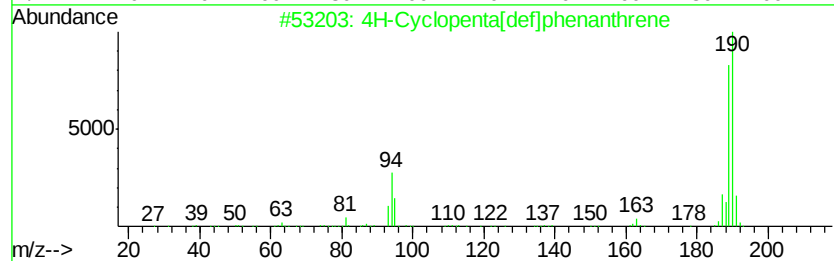
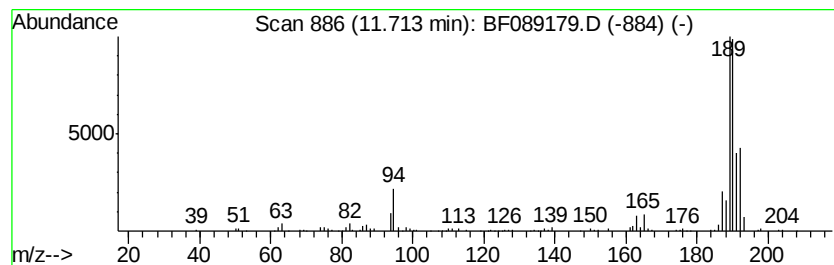
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.99 ng	389946	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	42
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23



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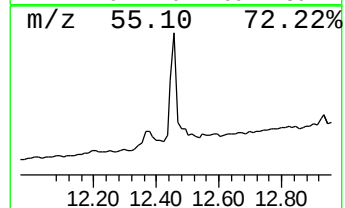
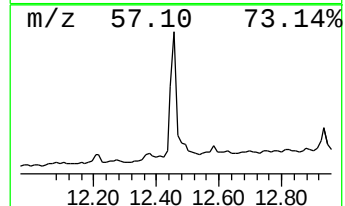
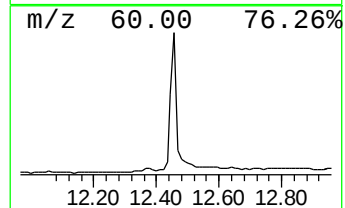
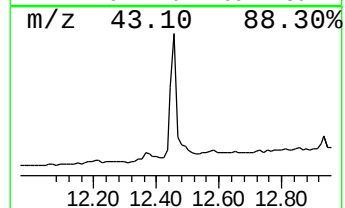
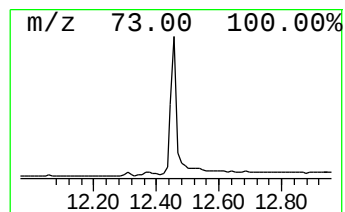
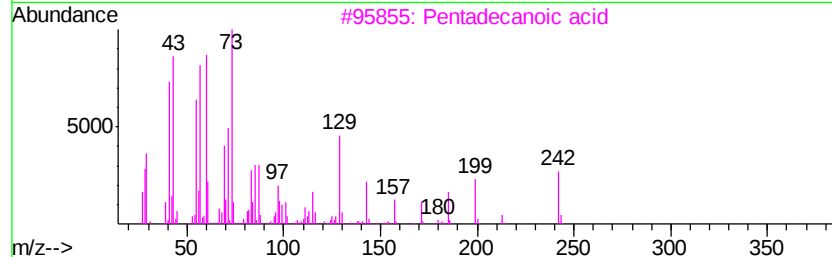
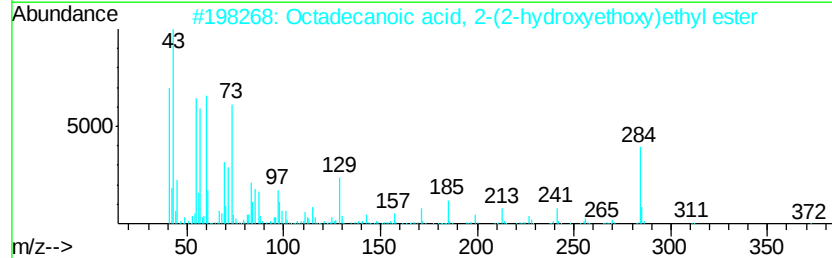
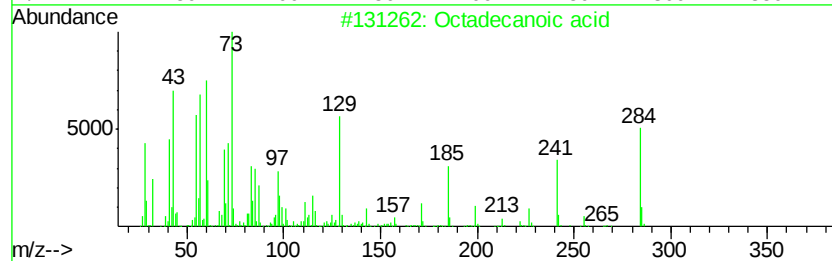
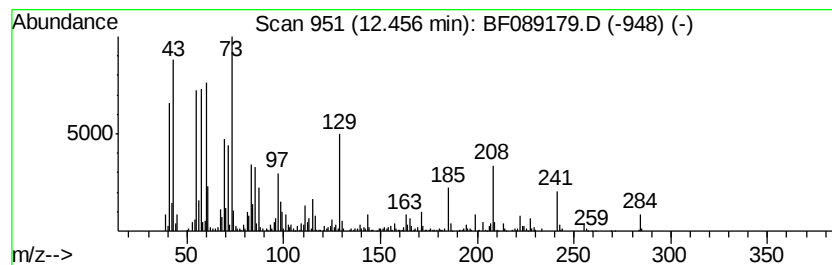
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	10.52 ng	625768	Chrysene-d12	13.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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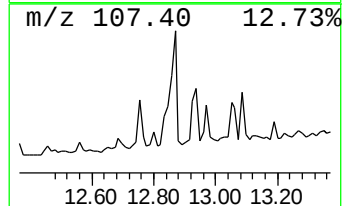
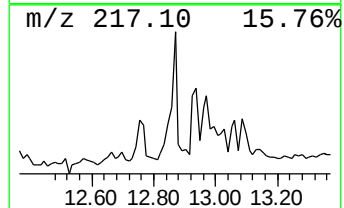
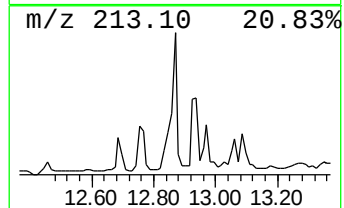
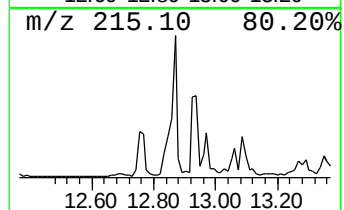
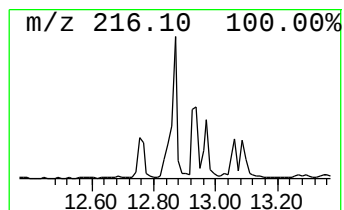
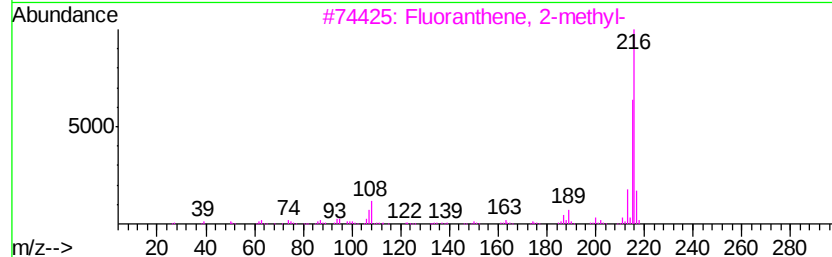
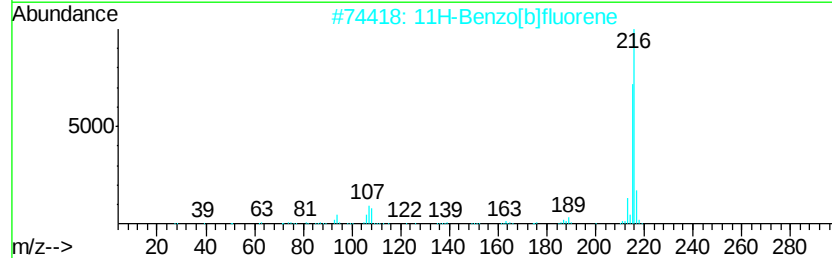
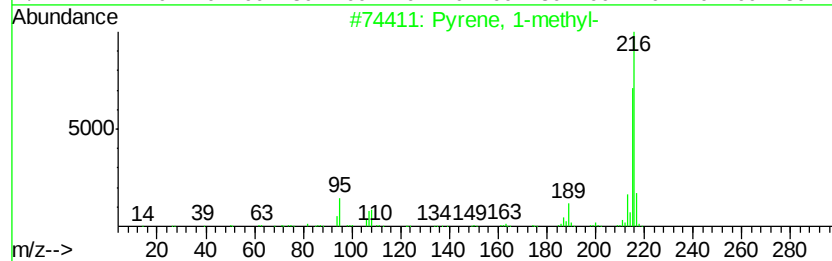
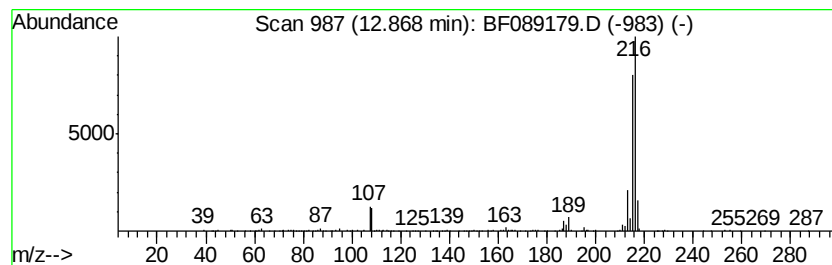
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.01 ng	298039	Chrysene-d12	13.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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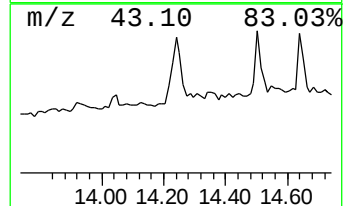
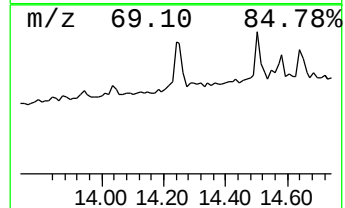
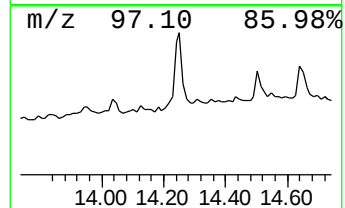
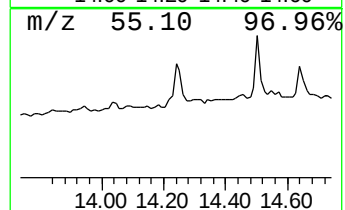
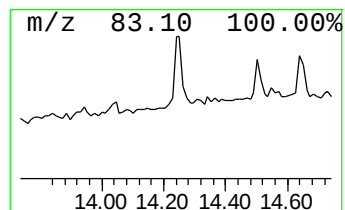
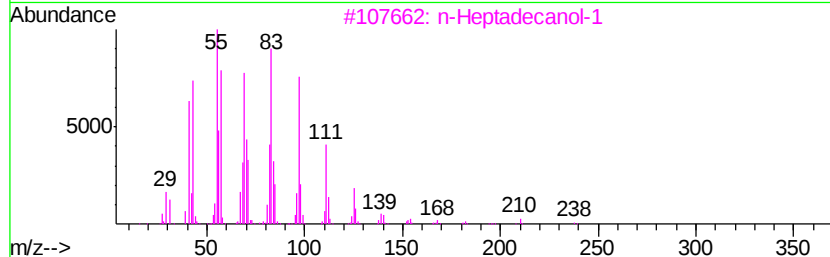
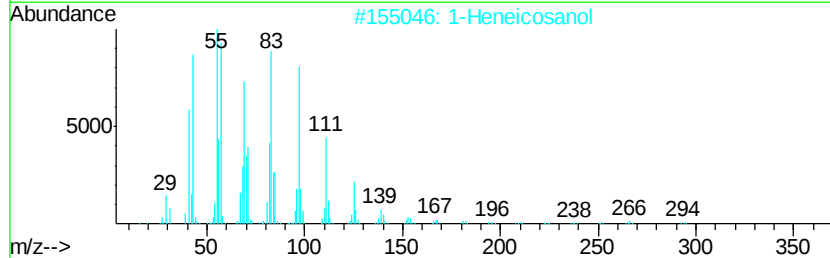
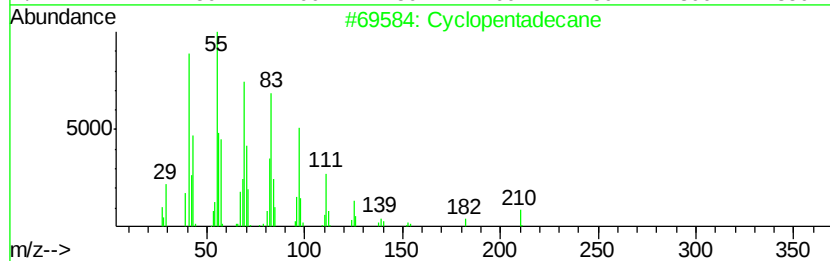
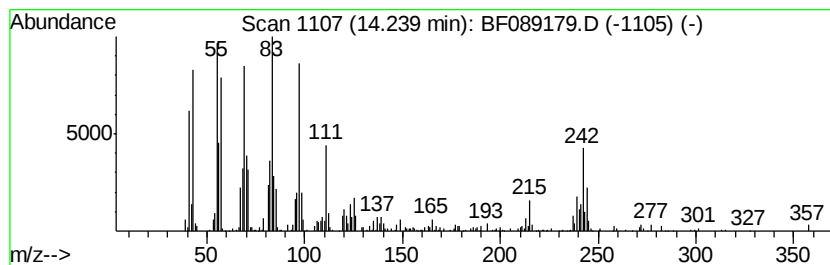
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	5.54 ng	329145	Chrysene-d12	13.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	90
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	90
4		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	83
5		Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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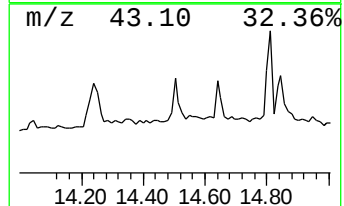
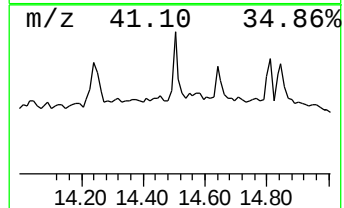
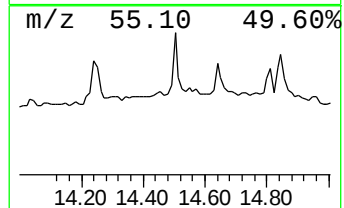
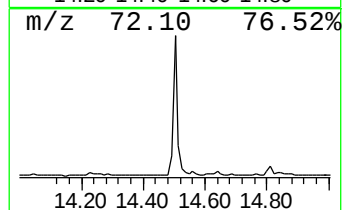
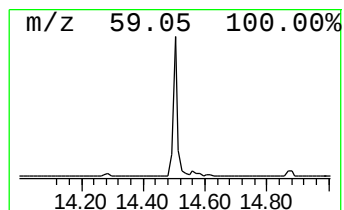
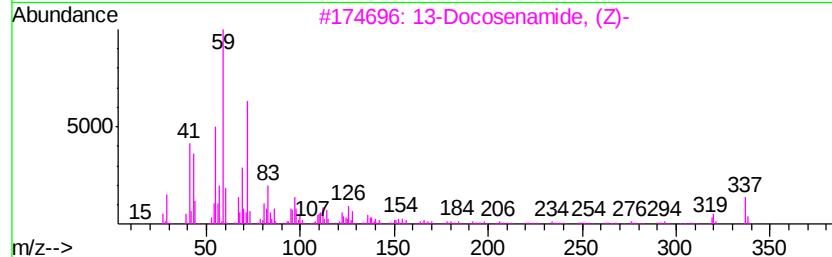
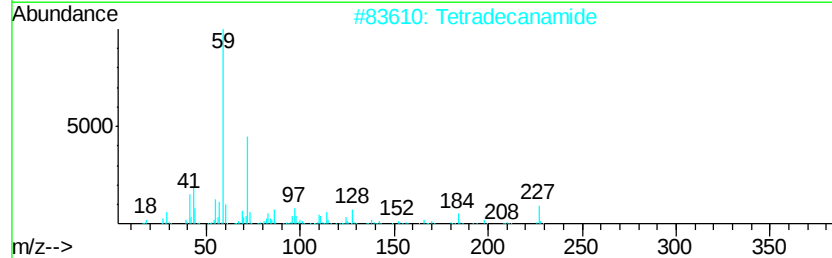
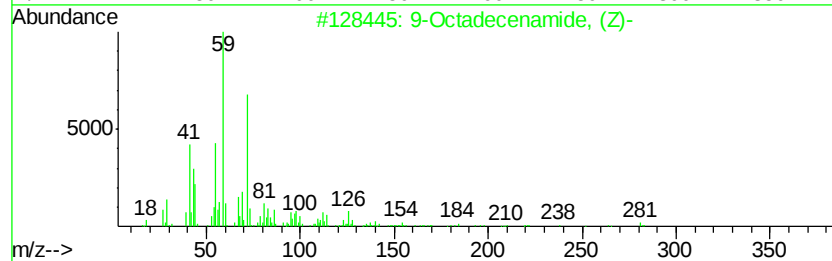
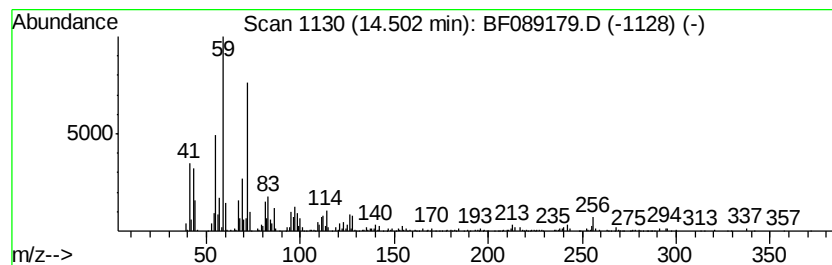
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	24.70 ng	317955	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		Tetradecanamide	227	C14H29NO	000638-58-4	59
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	50
4		Dodecanamide	199	C12H25NO	001120-16-7	47
5		Octadecanamide	283	C18H37NO	000124-26-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
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Acq On : 21 Jul 2016 14:43
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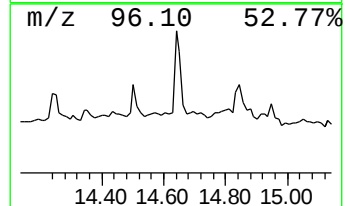
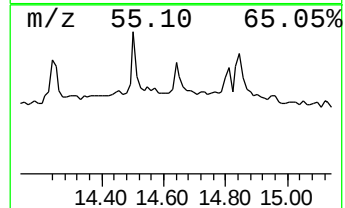
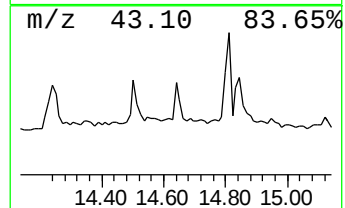
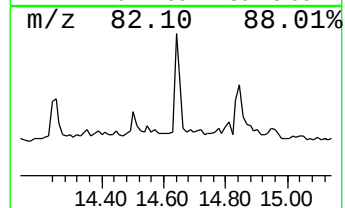
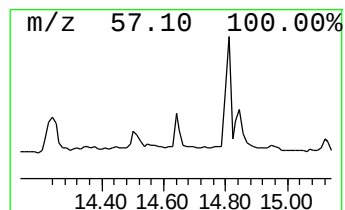
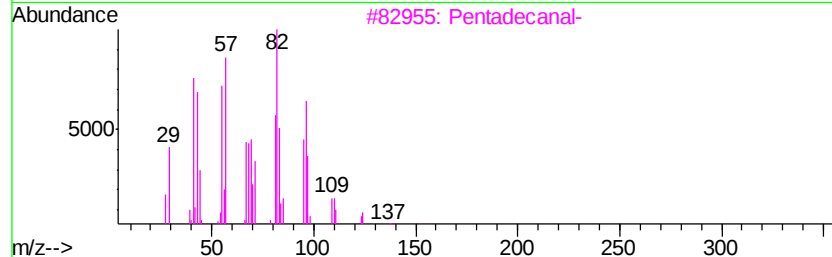
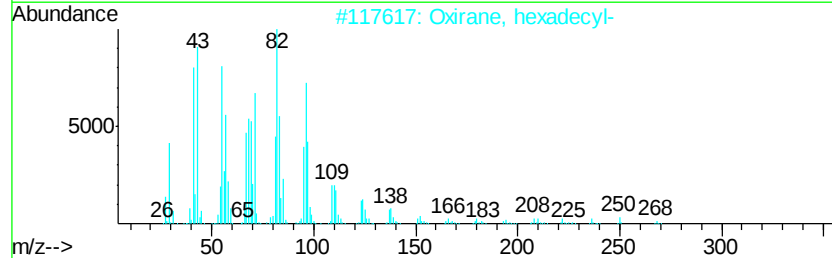
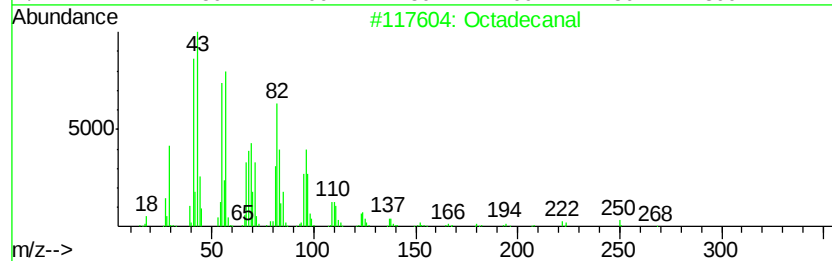
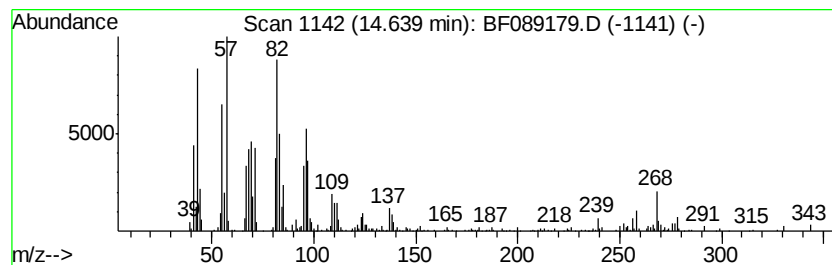
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	17.37 ng	223592	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	90
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3		Pentadecanal-	226	C15H30O	002765-11-9	81
4		16-Heptadecenal	252	C17H32O	1000144-57-9	80
5		1,19-Eicosadiene	278	C20H38	014811-95-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
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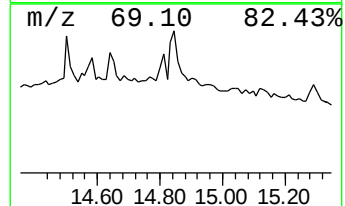
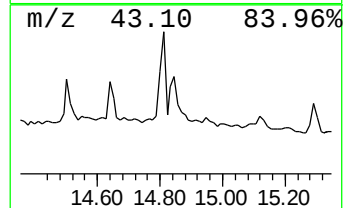
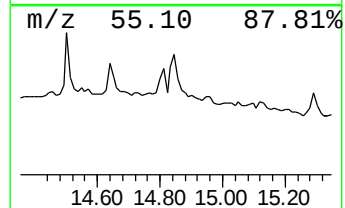
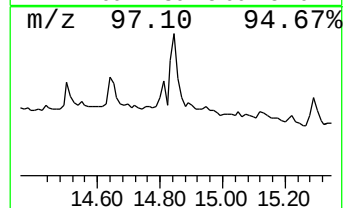
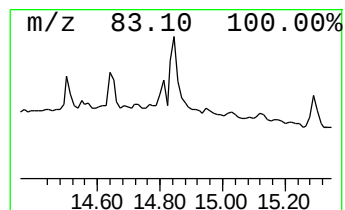
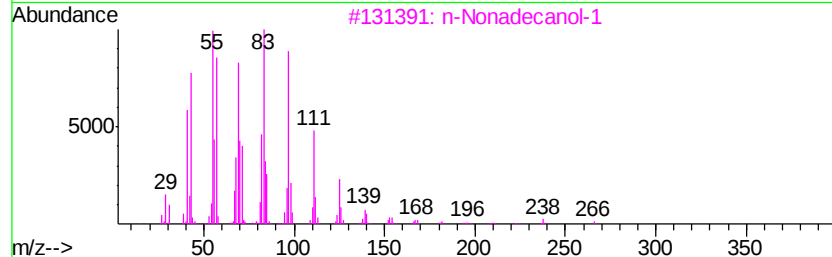
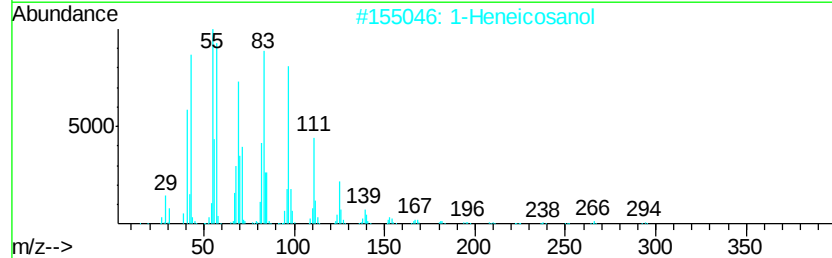
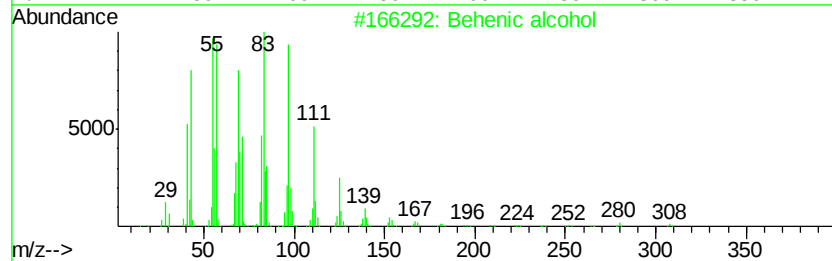
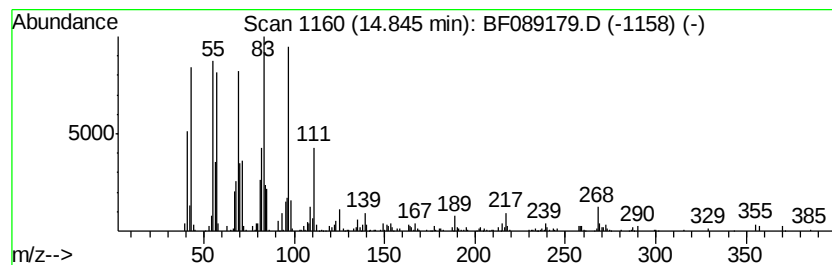
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Behenic alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	17.42 ng	224220	Perylene-d12	15.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4		Fumaric acid, 2-chlorophenyl dod...	394	C22H31ClO4	1000344-83-4	68
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
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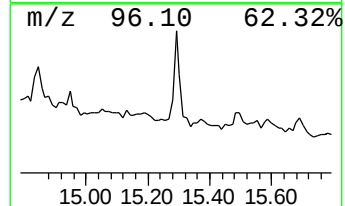
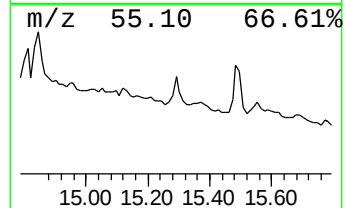
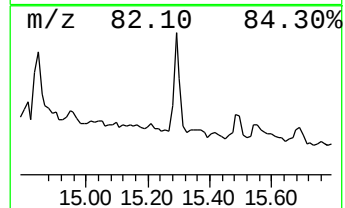
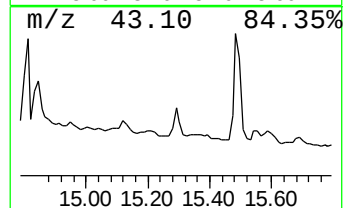
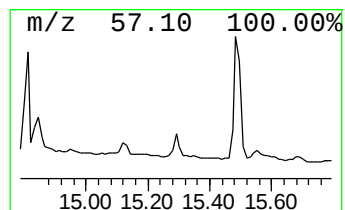
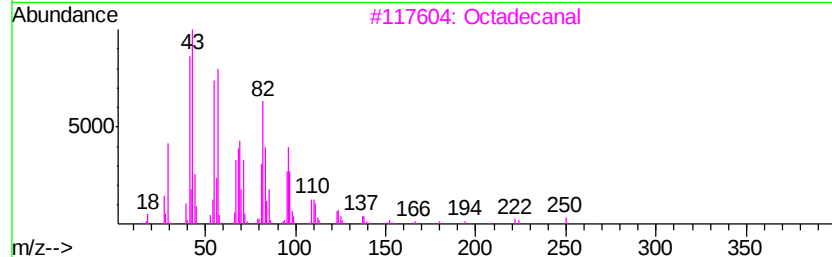
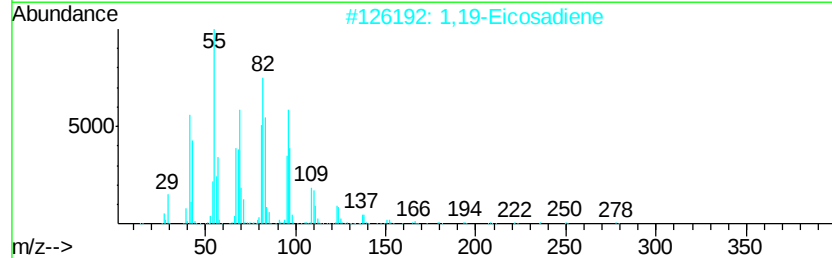
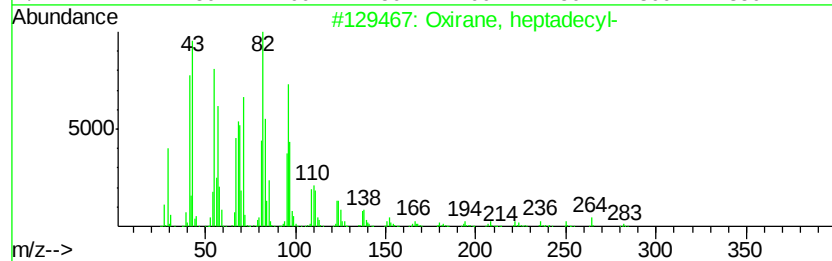
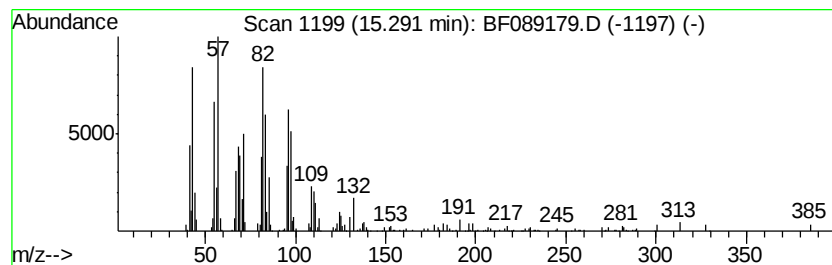
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.29	12.70 ng	163463	Perylene-d12	15.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	1,19-Eicosadiene	278	C20H38	014811-95-1	90
3	Octadecanal	268	C18H36O	000638-66-4	86
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
5	Pentadecanal-	226	C15H30O	002765-11-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
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Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

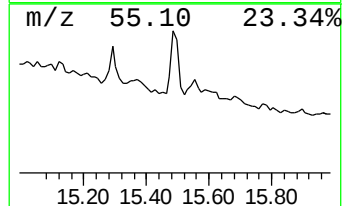
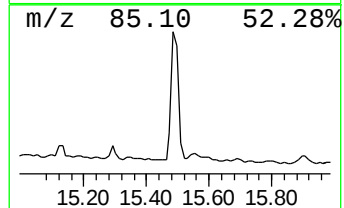
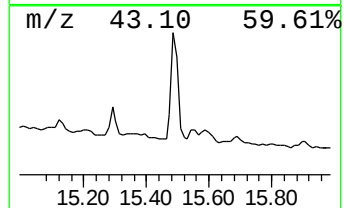
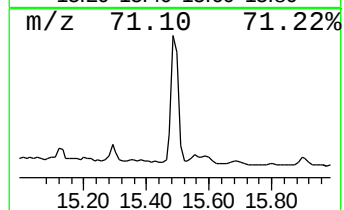
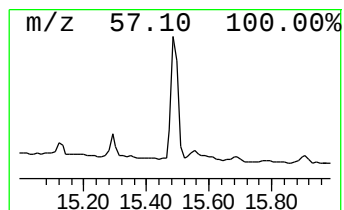
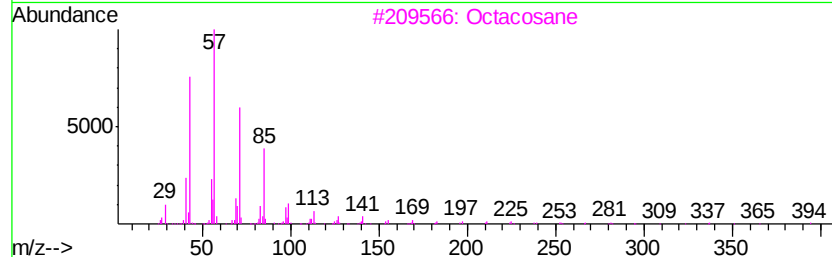
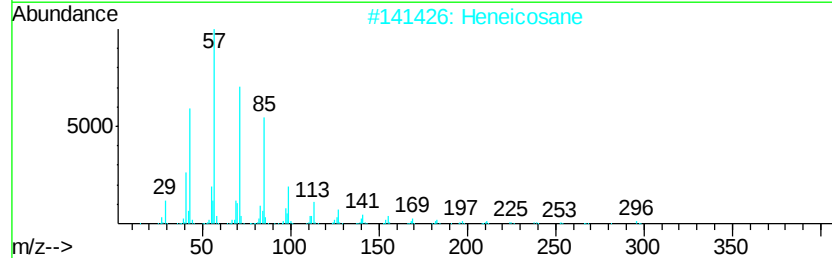
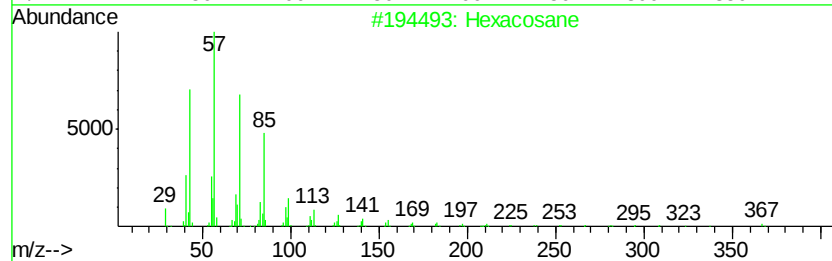
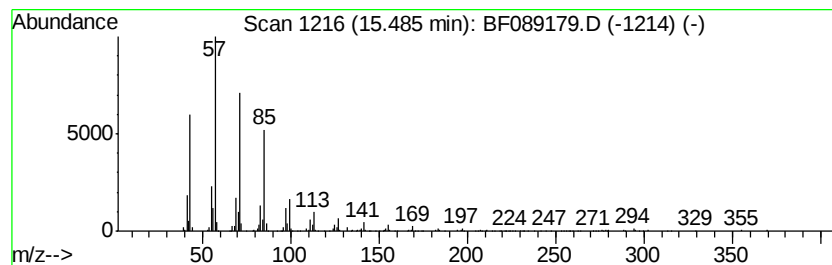
Instrument :
BNA_F
ClientSampleId :
TEC-AST-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	30.39 ng	391131	Perylene-d12	15.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane		366 C26H54	000630-01-3 91
2	Heneicosane		296 C21H44	000629-94-7 91
3	Octacosane		394 C28H58	000630-02-4 91
4	Tetracosane		338 C24H50	000646-31-1 91
5	Heneicosane, 11-(1-ethylpropyl)-		366 C26H54	055282-11-6 90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

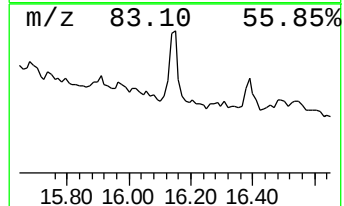
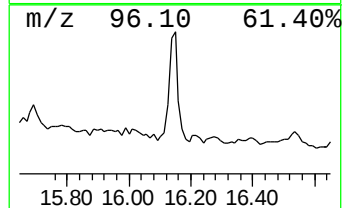
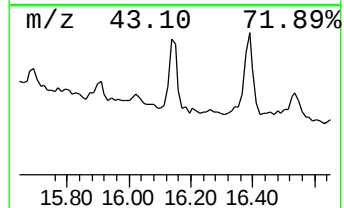
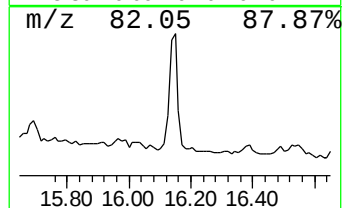
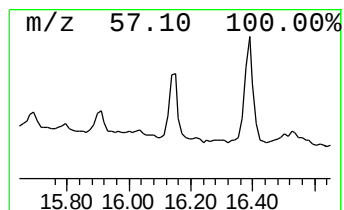
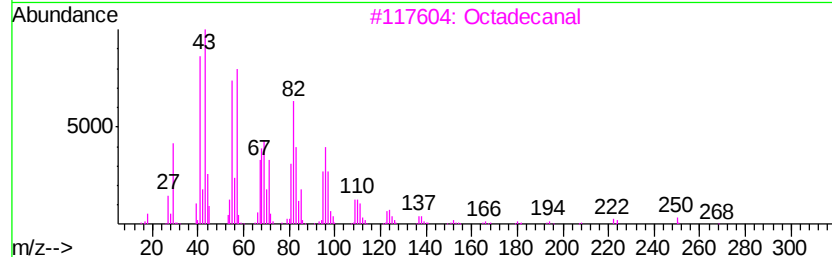
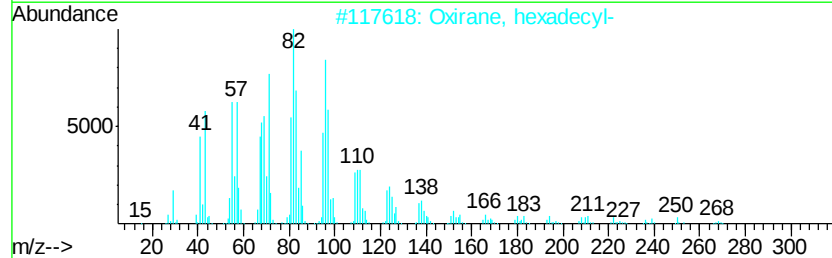
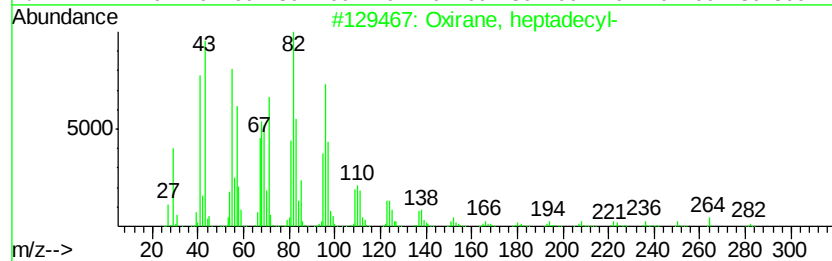
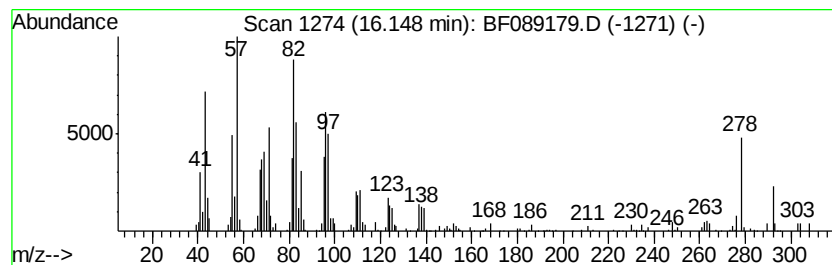
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ClientSampleId :
TEC-AST-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Oxirane, heptadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.15	27.74 ng	357043	Perylene-d12		15.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3		Octadecanal	268	C18H36O	000638-66-4	62
4		trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	38
5		Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-AST-COMP

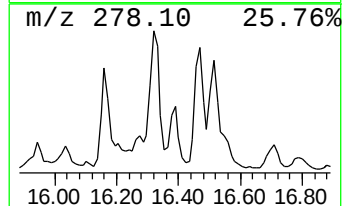
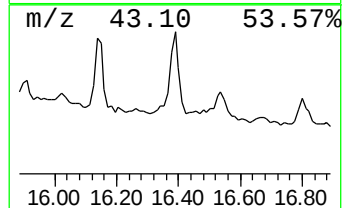
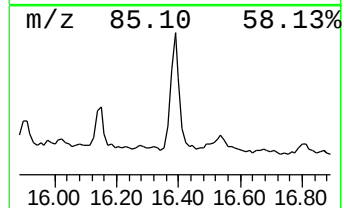
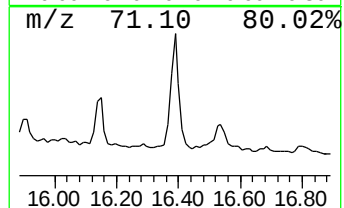
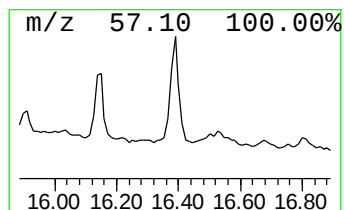
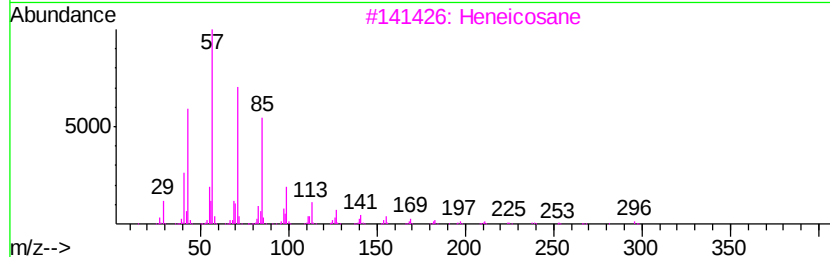
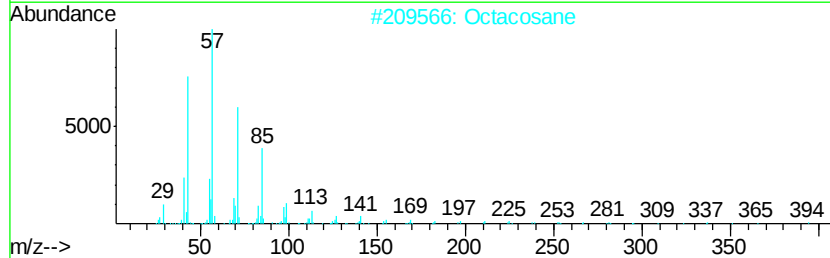
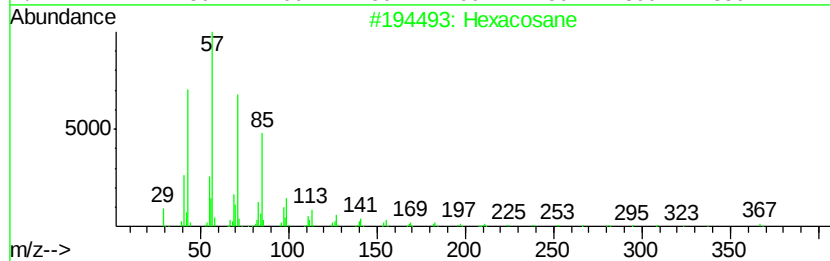
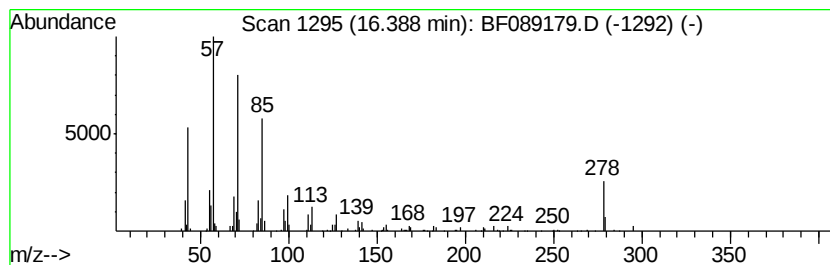
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	14.52 ng	186830	Perylene-d12	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Octacosane	394	C28H58	000630-02-4	87
3			Heneicosane	296	C21H44	000629-94-7	87
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
5			2-methyloctacosane	408	C29H60	1000376-72-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-AST-COMP

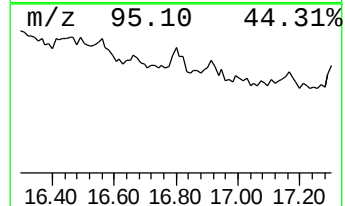
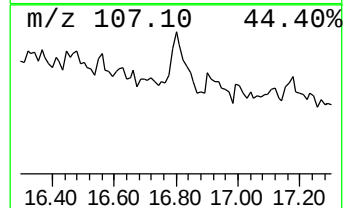
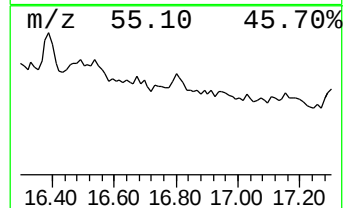
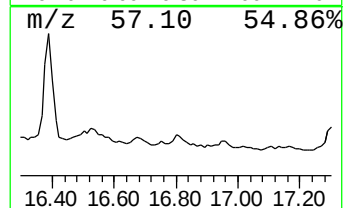
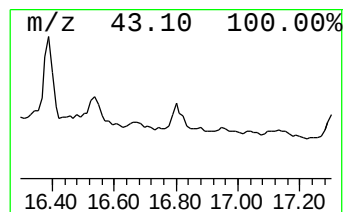
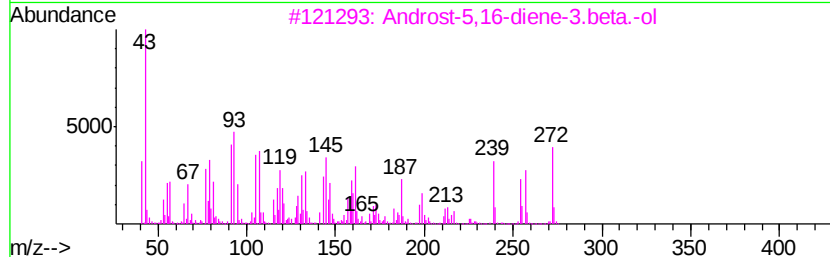
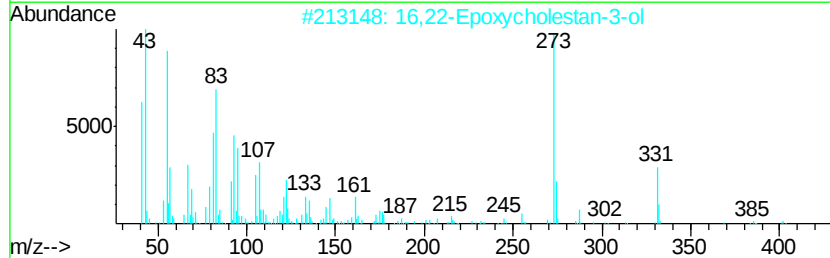
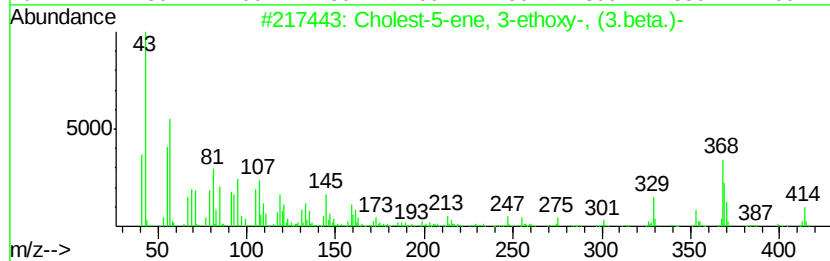
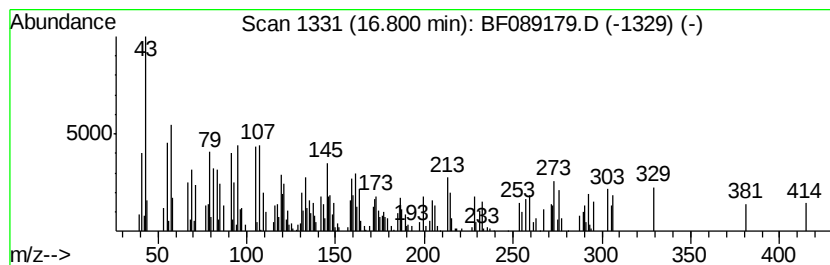
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	9.71 ng	124969	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	43
2		16,22-Epoxycholestan-3-ol	402	C27H46O2	1000252-58-8	12
3		Androst-5,16-diene-3.beta.-ol	272	C19H28O	001224-94-8	11
4		Thunbergol	290	C20H34O	025269-17-4	10
5		Benzofuran, 7-(2,4-dinitrophenox...	388	C19H20N2O7	062059-48-7	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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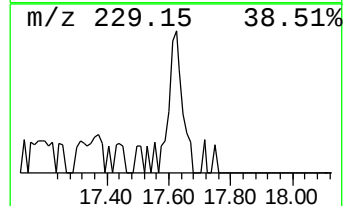
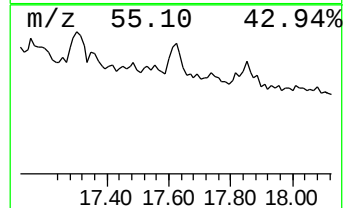
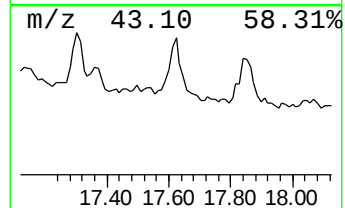
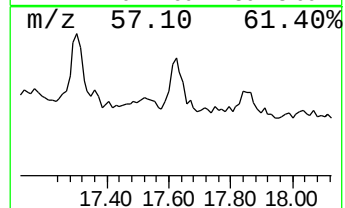
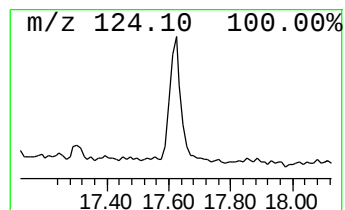
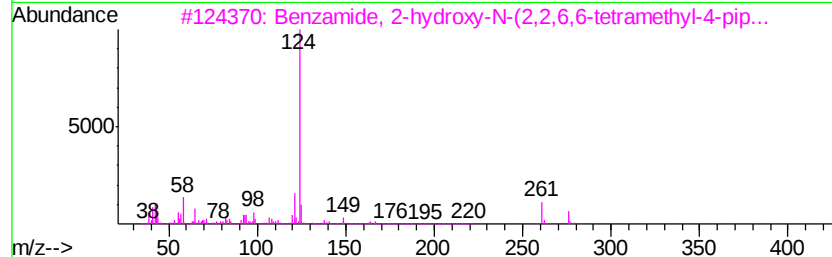
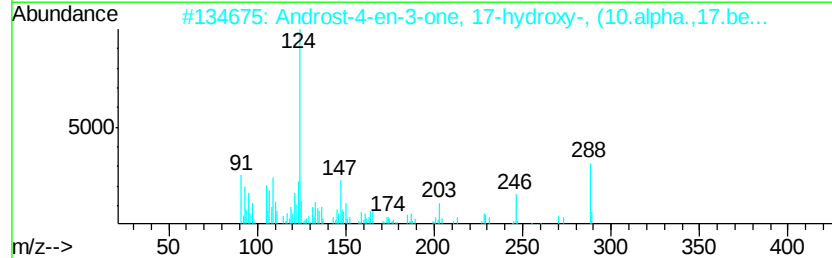
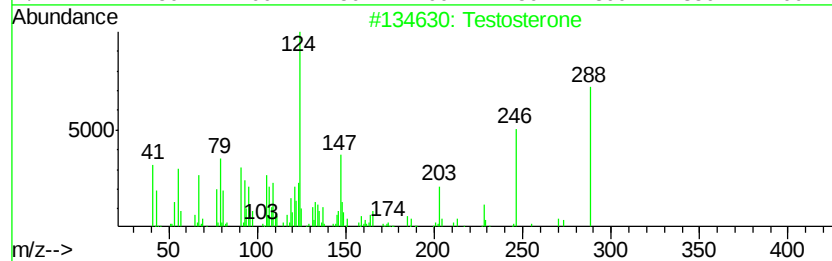
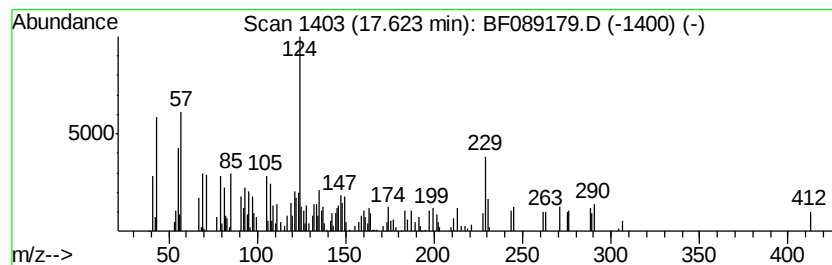
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	10.85 ng	139703	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Testosterone	288	C19H28O2	000058-22-0	46
2		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	46
3		Benzamide, 2-hydroxy-N-(2,2,6,6-...	276	C16H24N2O2	1000337-81-5	43
4		Benzoylcafonine	289	C16H19NO4	000519-09-5	38
5		Homatropine	275	C16H21NO3	000087-00-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
Data File : BF089179.D
Acq On : 21 Jul 2016 14:43
Operator : UM/SJ
Sample : H4121-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TEC-AST-COMP

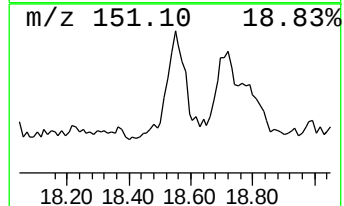
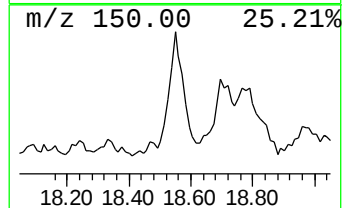
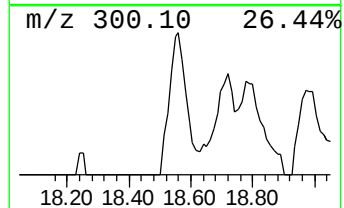
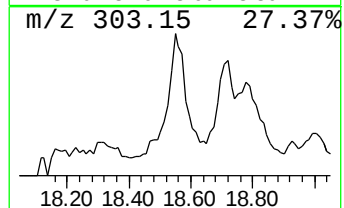
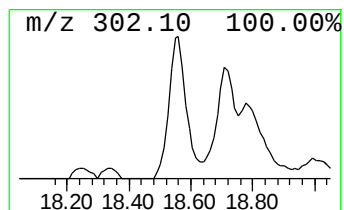
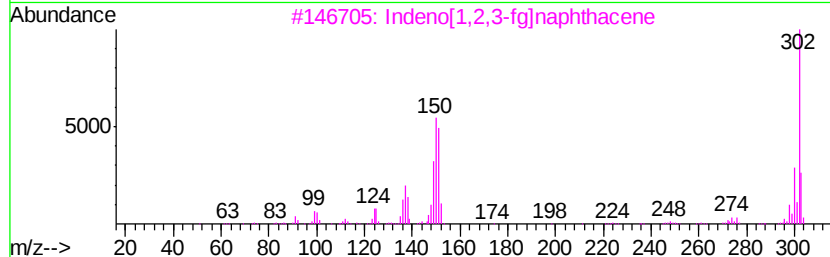
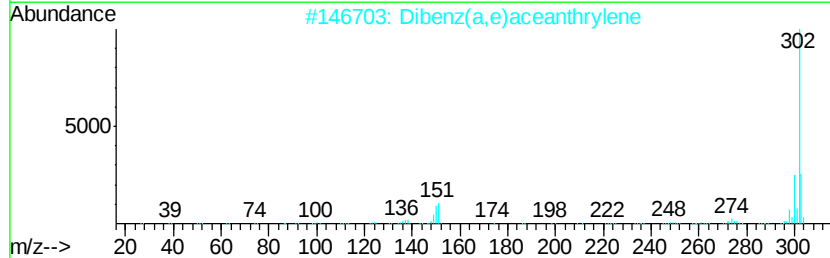
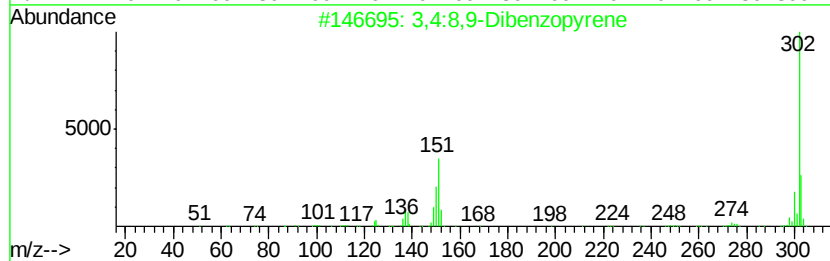
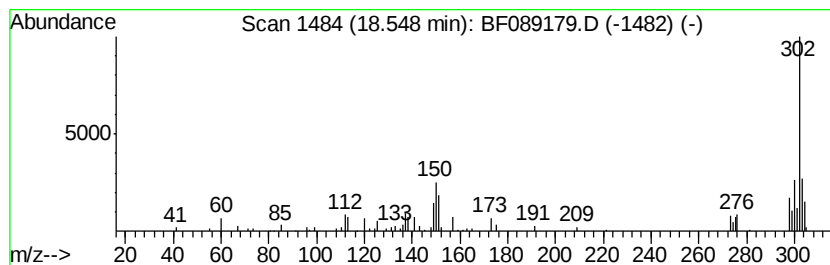
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	6.48 ng	83369	Perylene-d12	15.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	68
3		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	68
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	62
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072116\
 Data File : BF089179.D
 Acq On : 21 Jul 2016 14:43
 Operator : UM/SJ
 Sample : H4121-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 TEC-AST-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
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n-Hexadecanoic acid	11.67	5.6	ng	312140	4	11.11	1115960	20.0
4H-Cyclopenta[def...	11.71	7.0	ng	389946	4	11.11	1115960	20.0
Octadecanoic acid	12.46	10.5	ng	625768	5	13.74	1189290	20.0
Pyrene, 1-methyl-	12.87	5.0	ng	298039	5	13.74	1189290	20.0
Cyclopentadecane	14.24	5.5	ng	329145	5	13.74	1189290	20.0
9-Octadecenamide, ...	14.50	24.7	ng	317955	6	15.09	257430	20.0
Octadecanal	14.64	17.4	ng	223592	6	15.09	257430	20.0
Behenic alcohol	14.85	17.4	ng	224220	6	15.09	257430	20.0
1,19-Eicosadiene	15.29	12.7	ng	163463	6	15.09	257430	20.0
Heneicosane	15.49	30.4	ng	391131	6	15.09	257430	20.0
Oxirane, heptadecyl-	16.15	27.7	ng	357043	6	15.09	257430	20.0
Hexacosane	16.39	14.5	ng	186830	6	15.09	257430	20.0
unknown16.80	16.80	9.7	ng	124969	6	15.09	257430	20.0
unknown17.62	17.62	10.9	ng	139703	6	15.09	257430	20.0
3,4:8,9-Dibenzopy...	18.55	6.5	ng	83369	6	15.09	257430	20.0