

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083280.D
 Acq On : 25 Nov 2015 18:24
 Operator : UM/IZ
 Sample : G4559-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

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-BF112115.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	4.707	235	238	255	rVB	1038255	1645934	37.81%	3.144%
2	5.176	277	279	282	rBV	2879245	4137095	95.03%	7.904%
3	6.250	371	373	376	rBV	3713500	4262152	97.90%	8.143%
4	6.364	380	383	385	rBV	3445223	4353535	100.00%	8.317%
5	6.582	400	402	405	rBV	898876	1001422	23.00%	1.913%
6	6.627	405	406	414	rVB2	45027	100444	2.31%	0.192%
7	6.742	414	416	419	rBV	3461131	3120387	71.67%	5.961%
8	6.799	419	421	431	rVB2	37874	110303	2.53%	0.211%
9	7.153	450	452	455	rBV	2343775	2683575	61.64%	5.127%
10	7.302	462	465	469	rVB	130815	170993	3.93%	0.327%
11	7.656	494	496	502	rVB	43596	63954	1.47%	0.122%
12	7.805	505	509	513	rBV2	30207	62426	1.43%	0.119%
13	7.873	513	515	518	rBV	1452194	1308447	30.05%	2.500%
14	8.262	546	549	552	rBV	58439	88831	2.04%	0.170%
15	8.833	593	599	602	rBV	54320	78150	1.80%	0.149%
16	8.959	607	610	612	rBV	4006253	4105335	94.30%	7.843%
17	9.290	636	639	641	rBV2	31401	51158	1.18%	0.098%
18	9.359	643	645	647	rBV	1289294	1125582	25.85%	2.150%
19	9.576	662	664	666	rBV	106341	115701	2.66%	0.221%
20	9.622	666	668	670	rVV	1695889	1511527	34.72%	2.888%
21	9.793	681	683	686	rBV2	23569	57951	1.33%	0.111%
22	9.862	686	689	691	rVV2	29464	44683	1.03%	0.085%
23	10.079	703	708	709	rBV	126835	175011	4.02%	0.334%
24	10.296	724	727	730	rBV	57946	98119	2.25%	0.187%
25	10.411	734	737	739	rVV	2516770	2704721	62.13%	5.167%
26	10.548	747	749	752	rVV2	156783	224840	5.16%	0.430%
27	10.639	755	757	759	rVV2	80170	86911	2.00%	0.166%
28	10.673	759	760	763	rVB2	41310	52636	1.21%	0.101%
29	10.742	763	766	768	rBV2	35725	68906	1.58%	0.132%
30	10.776	768	769	772	rVV3	35140	68328	1.57%	0.131%
31	10.868	775	777	779	rVB3	28870	45111	1.04%	0.086%
32	10.993	783	788	789	rBV2	104552	129847	2.98%	0.248%
33	11.016	789	790	794	rVB	29707	48826	1.12%	0.093%
34	11.096	794	797	799	rBV	1730698	1541113	35.40%	2.944%

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35	11.176	801	804	806	rBV2	32403	65726	1.51%	0.126%
36	11.348	816	819	823	rBV	395438	449775	10.33%	0.859%
37	11.416	823	825	827	rVB	70999	79122	1.82%	0.151%
38	11.656	844	846	851	rBV2	938024	1020512	23.44%	1.950%
39	11.816	857	860	862	rVB2	50187	77148	1.77%	0.147%
40	11.931	865	870	873	rBV	54504	129885	2.98%	0.248%
41	11.976	873	874	878	rVB2	36455	51170	1.18%	0.098%
42	12.079	881	883	886	rBV	40341	63201	1.45%	0.121%
43	12.159	888	890	897	rVB	1820861	1853794	42.58%	3.542%
44	12.354	901	907	909	rBV3	74475	203691	4.68%	0.389%
45	12.434	912	914	917	rBV	448815	510381	11.72%	0.975%
46	12.479	917	918	921	rVV	92747	122778	2.82%	0.235%
47	12.525	921	922	923	rVV	75582	61494	1.41%	0.117%
48	12.582	925	927	931	rVB	44790	95642	2.20%	0.183%
49	12.685	933	936	938	rBV	3106910	3450896	79.27%	6.593%
50	12.834	947	949	954	rVV2	76464	156424	3.59%	0.299%
51	12.902	954	955	956	rVV	54397	73553	1.69%	0.141%
52	12.937	956	958	959	rVV	92320	111168	2.55%	0.212%
53	12.971	959	961	963	rVB3	39990	59086	1.36%	0.113%
54	13.142	974	976	981	rBV2	400448	685877	15.75%	1.310%
55	13.211	981	982	984	rVV2	64108	65899	1.51%	0.126%
56	13.302	985	990	991	rVV2	82008	207281	4.76%	0.396%
57	13.337	991	993	994	rVV	173761	186119	4.28%	0.356%
58	13.382	994	997	1001	rVB2	66552	126831	2.91%	0.242%
59	13.519	1007	1009	1013	rVB3	26042	56830	1.31%	0.109%
60	13.588	1013	1015	1018	rBV	408554	692621	15.91%	1.323%
61	13.645	1018	1020	1022	rVV	138124	158725	3.65%	0.303%
62	13.714	1024	1026	1030	rVB	1177692	1457829	33.49%	2.785%
63	13.919	1042	1044	1046	rBV	85798	103232	2.37%	0.197%
64	14.034	1053	1054	1057	rVB3	45778	58049	1.33%	0.111%
65	14.125	1061	1062	1064	rBV	72722	84599	1.94%	0.162%
66	14.217	1068	1070	1074	rBV2	174836	290159	6.66%	0.554%
67	14.411	1085	1087	1090	rVB4	57401	77680	1.78%	0.148%
68	14.514	1092	1096	1100	rBV2	65040	118727	2.73%	0.227%
69	14.640	1105	1107	1109	rVB	78373	75117	1.73%	0.144%
70	14.800	1119	1121	1126	rBV	210999	435592	10.01%	0.832%
71	14.868	1126	1127	1132	rVB	36257	56377	1.29%	0.108%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.074	1142	1145	1148	rBV	822880	1085599	24.94%	2.074%
73	15.131	1148	1150	1152	rVB2	33804	52221	1.20%	0.100%
74	15.291	1162	1164	1169	rVB2	115351	176635	4.06%	0.337%
75	15.485	1179	1181	1183	rBV	145620	208502	4.79%	0.398%
76	15.531	1183	1185	1188	rVV	122859	241790	5.55%	0.462%
77	15.588	1188	1190	1193	rVV	56995	98163	2.25%	0.188%
78	15.703	1197	1200	1203	rVV3	25420	51114	1.17%	0.098%
79	15.783	1205	1207	1214	rVB6	25254	53062	1.22%	0.101%
80	16.137	1235	1238	1241	rVV2	64946	118261	2.72%	0.226%
81	16.331	1252	1255	1258	rVV2	67366	150489	3.46%	0.288%
82	16.388	1258	1260	1263	rVV	31286	58217	1.34%	0.111%
83	16.468	1264	1267	1270	rVV4	45723	138157	3.17%	0.264%
84	16.548	1270	1274	1282	rVB2	113328	273274	6.28%	0.522%
85	16.777	1290	1294	1299	rBV8	34404	115798	2.66%	0.221%
86	16.937	1306	1308	1312	rVB3	30204	62383	1.43%	0.119%
87	17.131	1323	1325	1330	rVB6	25354	60715	1.39%	0.116%
88	17.234	1330	1334	1337	rVB4	24538	60423	1.39%	0.115%
89	17.611	1364	1367	1373	rVB6	33782	98314	2.26%	0.188%
90	18.434	1435	1439	1447	rVB8	52322	179061	4.11%	0.342%
91	20.423	1610	1613	1617	rBV6	14195	44213	1.02%	0.084%

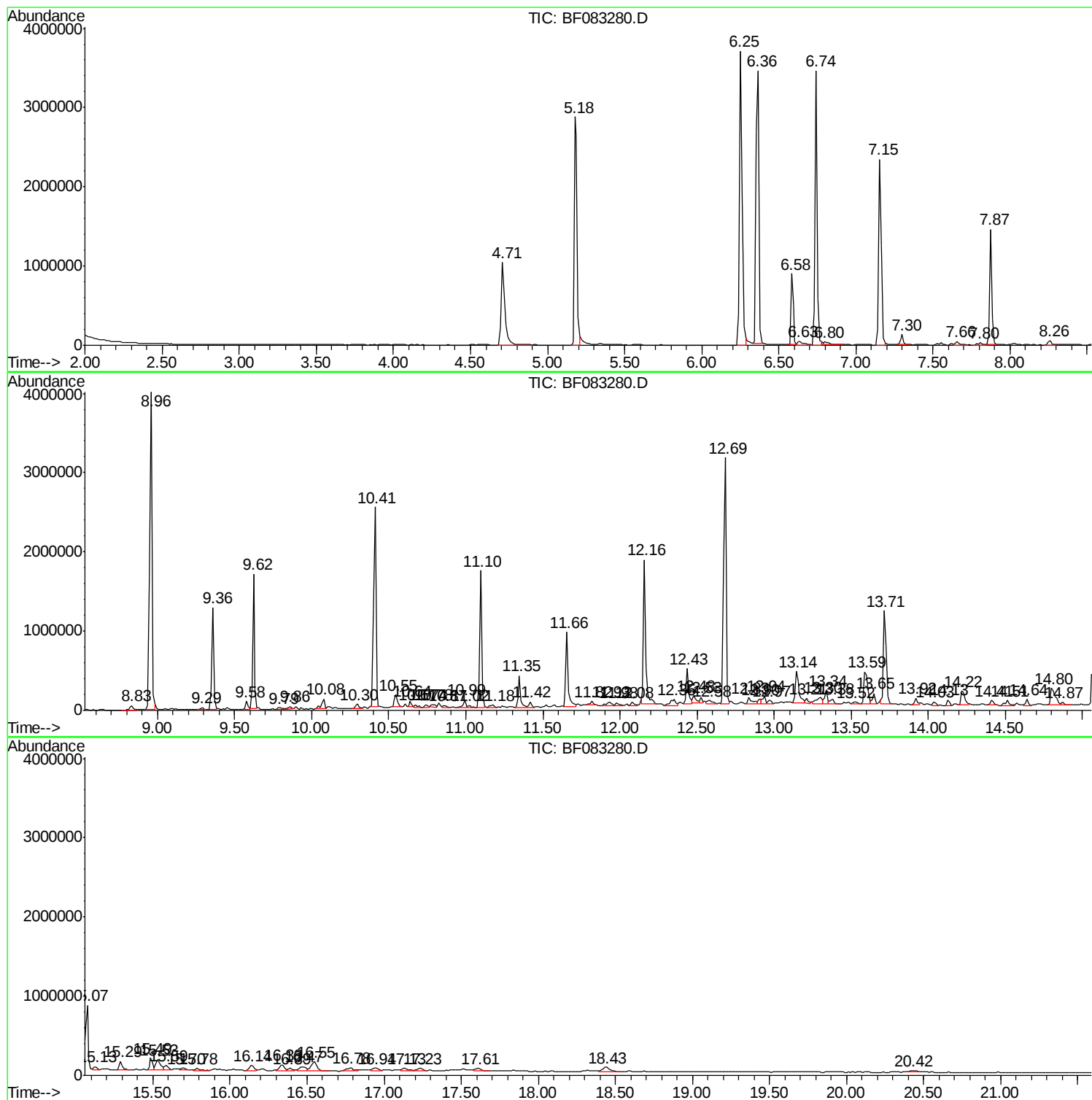
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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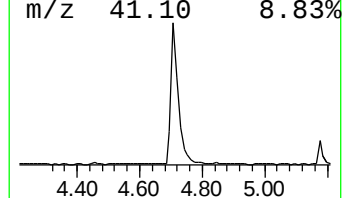
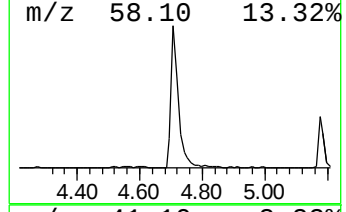
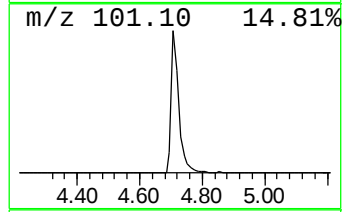
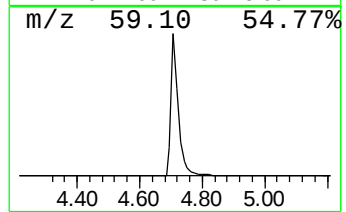
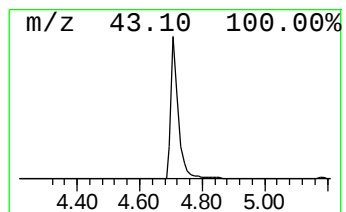
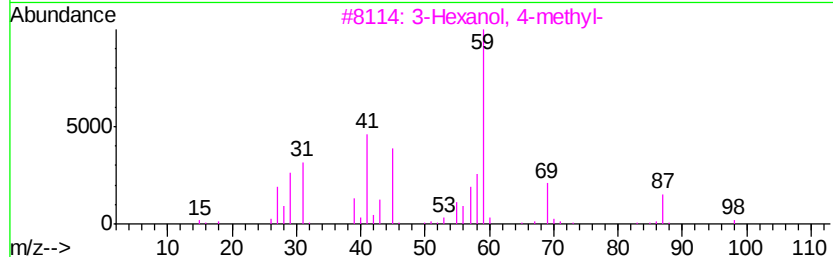
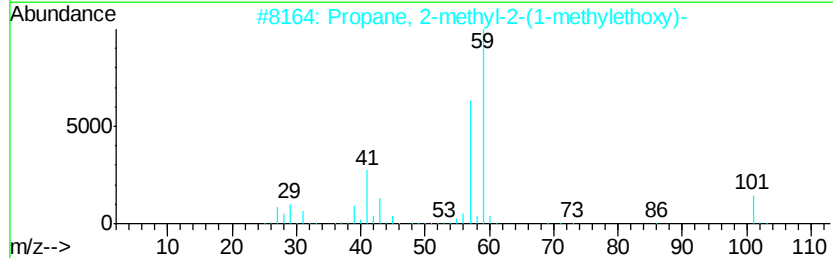
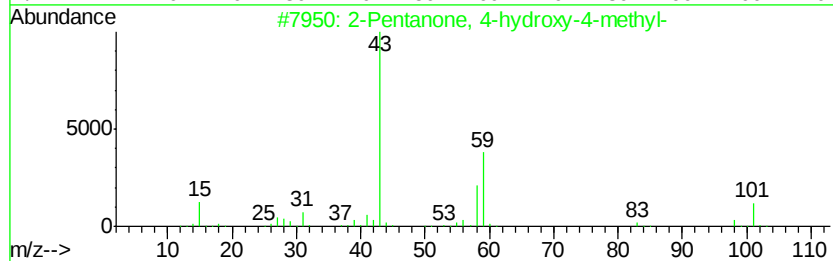
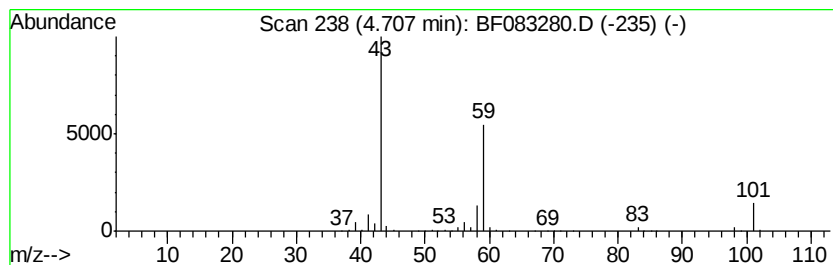
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.71	32.87 ng	1645930	1,4-Dichlorobenzene-d4	6.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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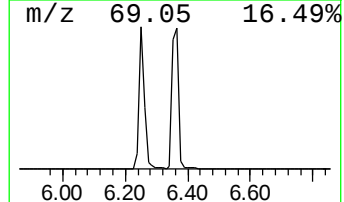
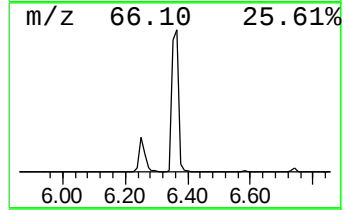
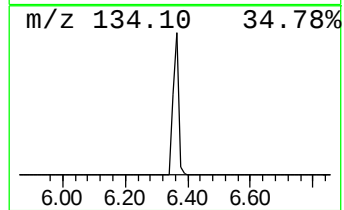
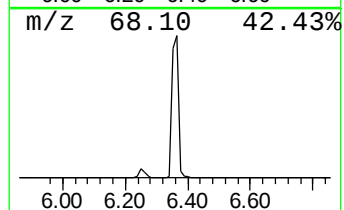
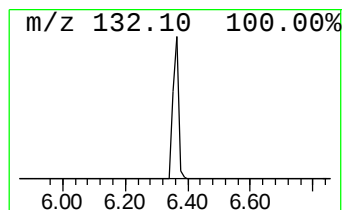
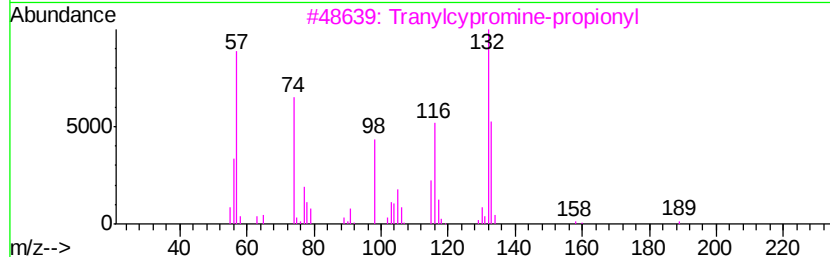
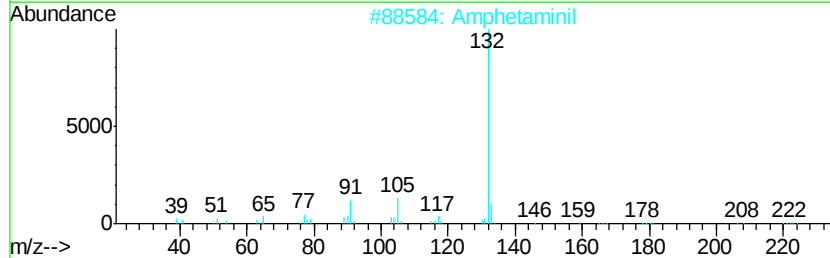
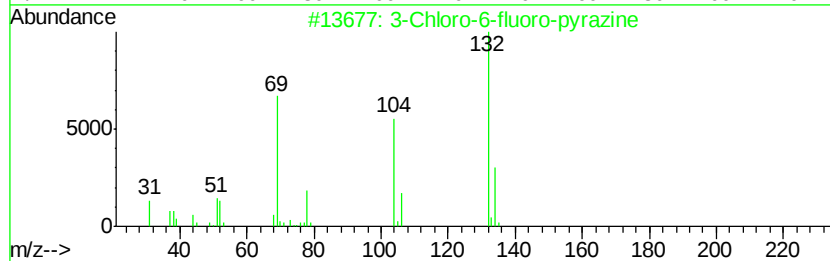
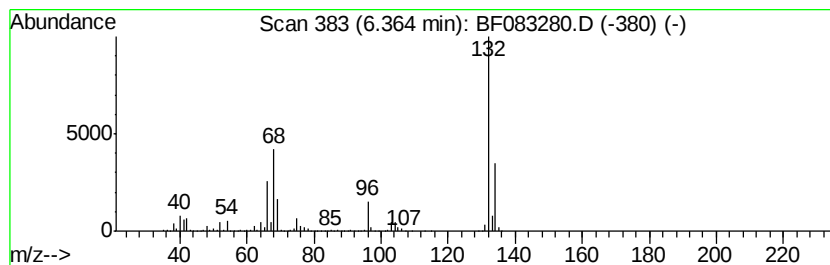
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	86.95 ng	4353540	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Amphetaminil	250	C17H18N2	017590-01-1	10
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Imidazole, 4,5-dicvano-1-methyl-	132	C6H4N4	019485-35-9	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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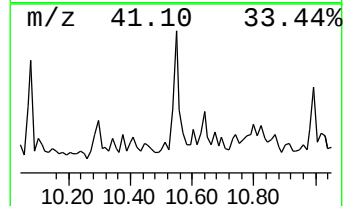
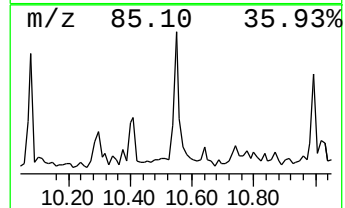
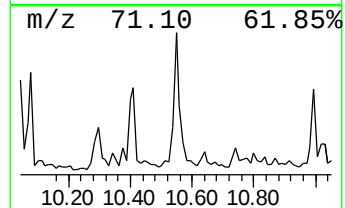
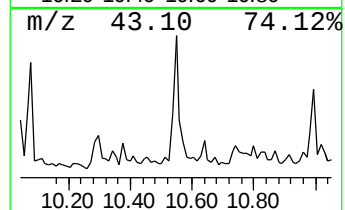
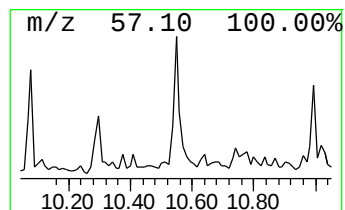
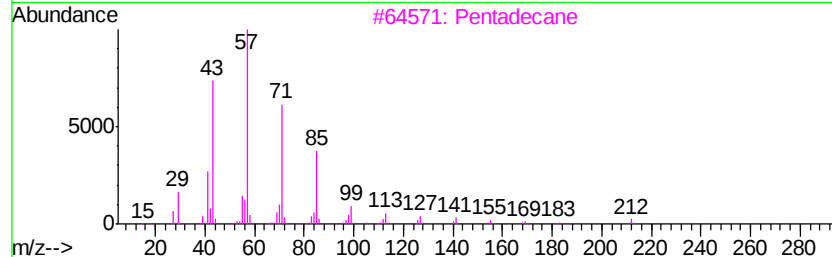
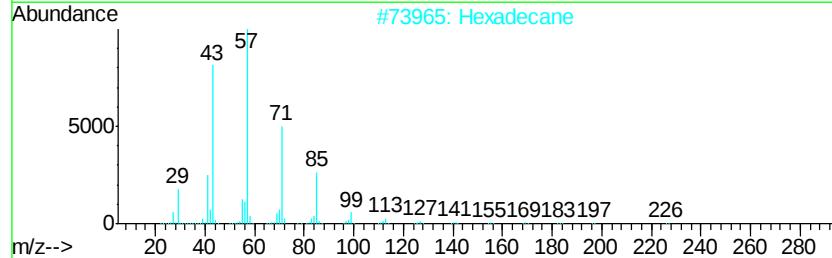
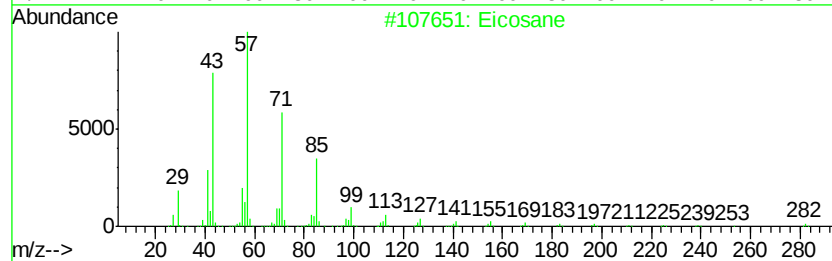
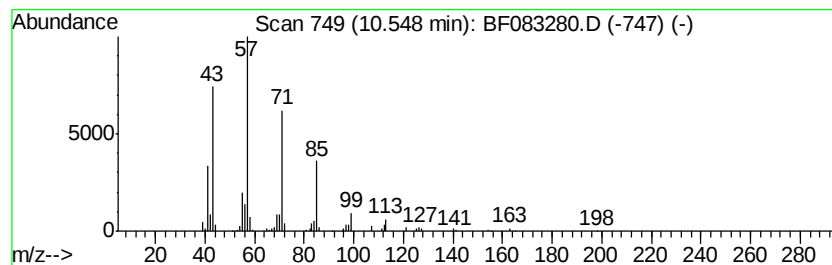
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.92 ng	224840	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Octacosane		394	C28H58	000630-02-4	83
5	Pentadecane, 7-methyl-		226	C16H34	006165-40-8	80



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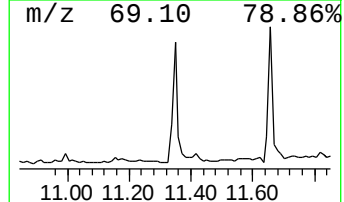
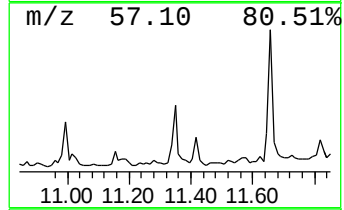
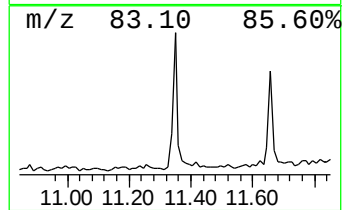
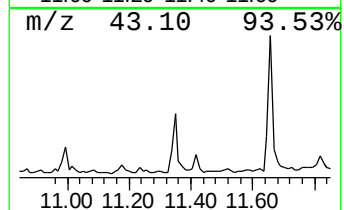
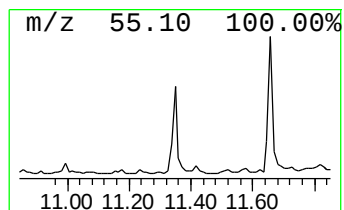
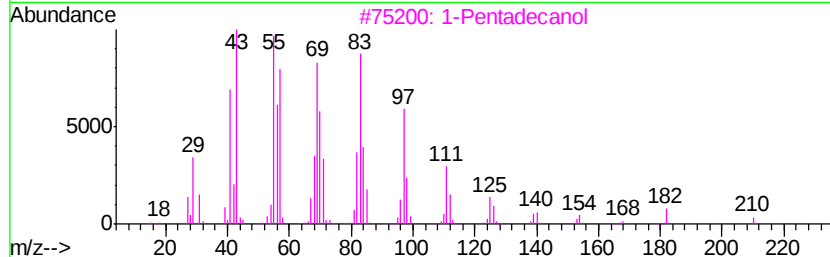
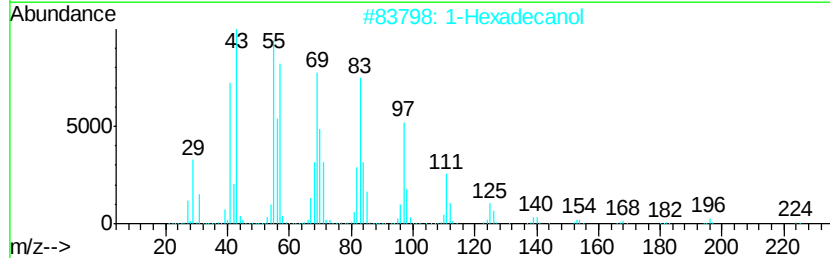
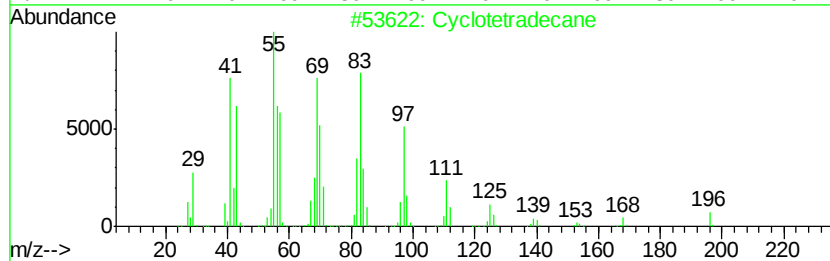
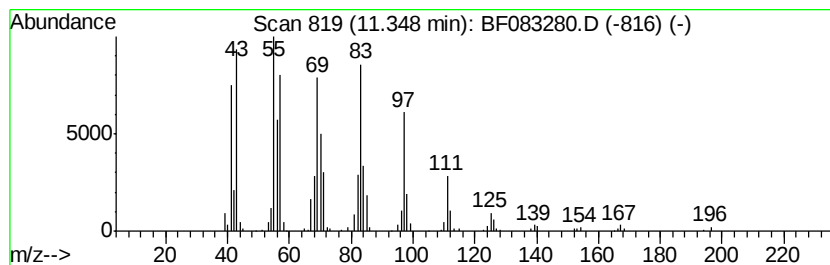
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	5.84 ng	449775	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetradecane	196	C14H28	000295-17-0	96
2		1-Hexadecanol	242	C16H34O	036653-82-4	95
3		1-Pentadecanol	228	C15H32O	000629-76-5	91
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

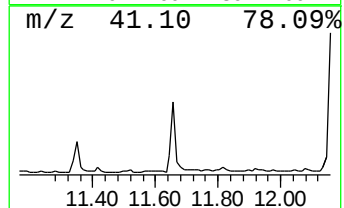
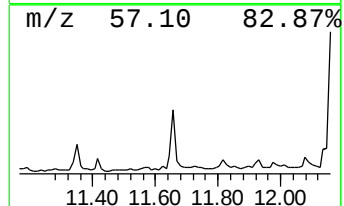
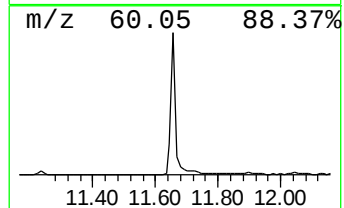
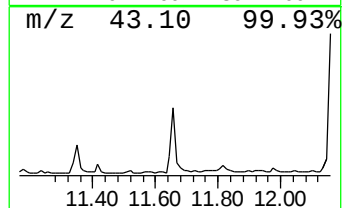
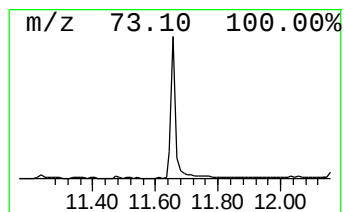
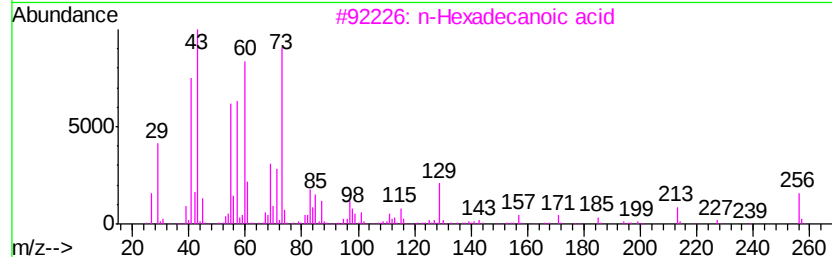
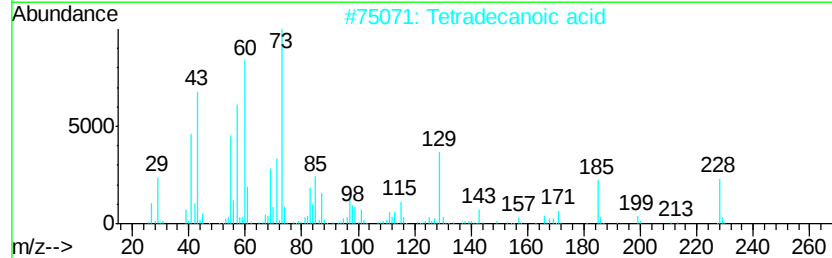
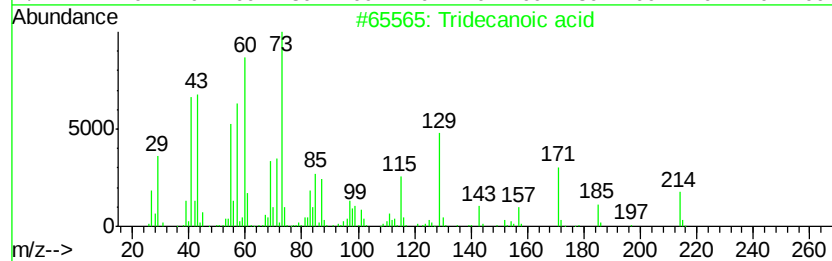
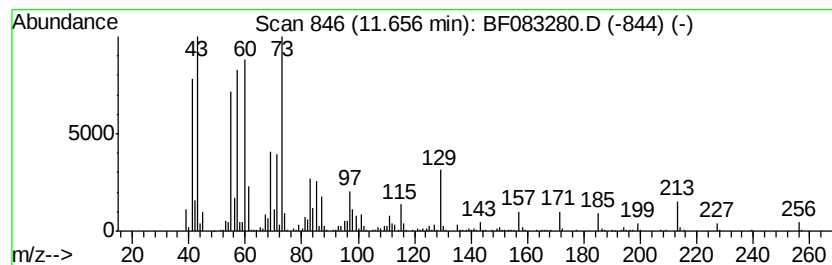
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	13.24 ng	1020510	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Undecane	156	C11H24	001120-21-4	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

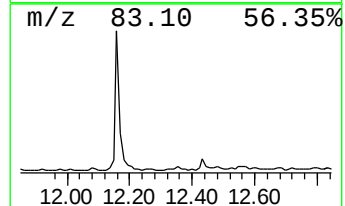
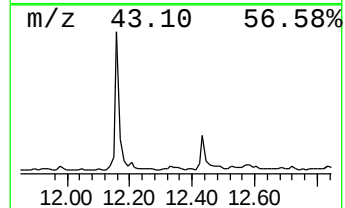
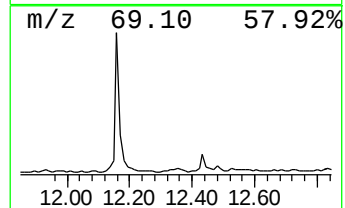
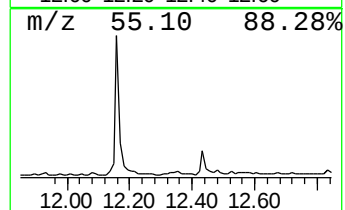
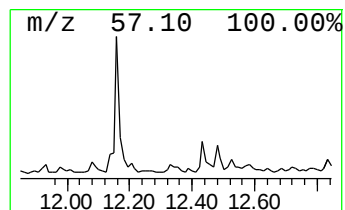
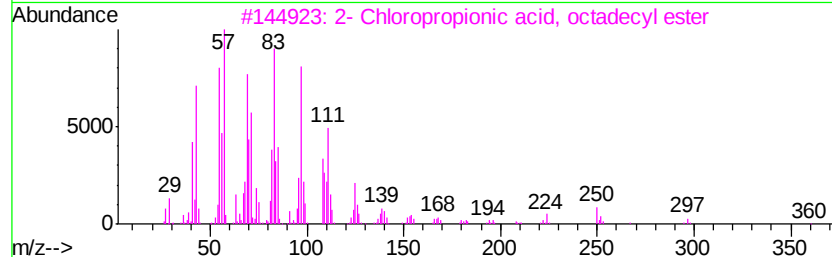
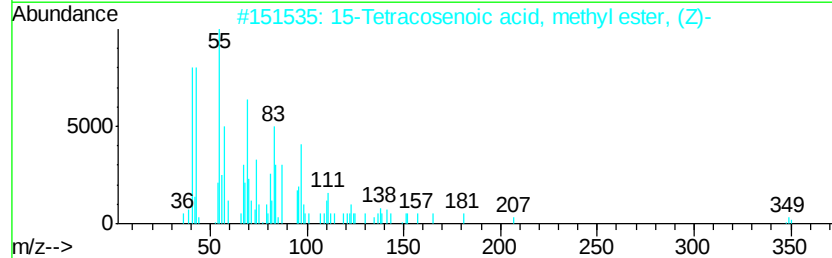
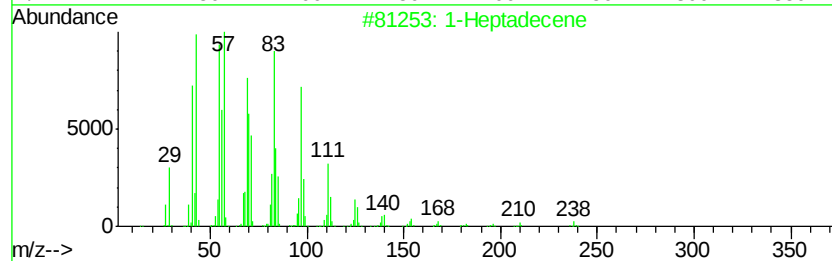
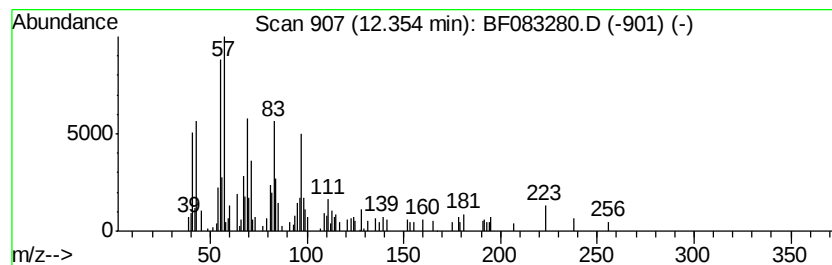
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heptadecene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.64 ng	203691	Phenanthrene-d10	11.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecene	238	C17H34	006765-39-5	52
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	50
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	49
4		Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	46
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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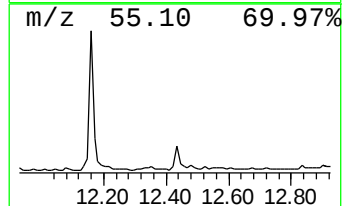
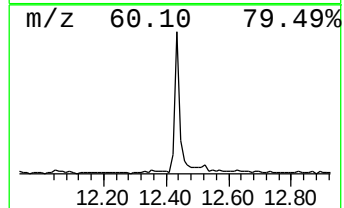
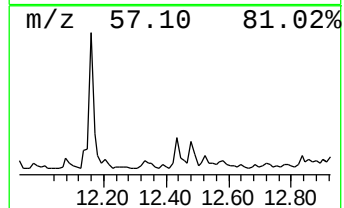
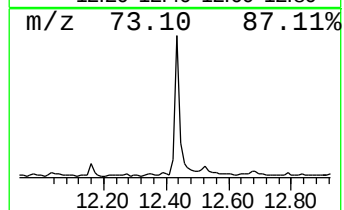
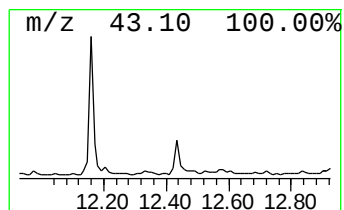
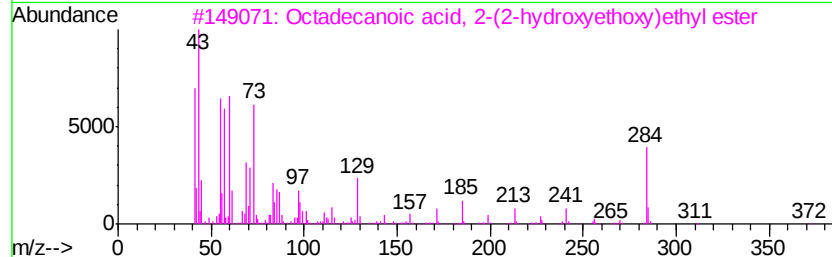
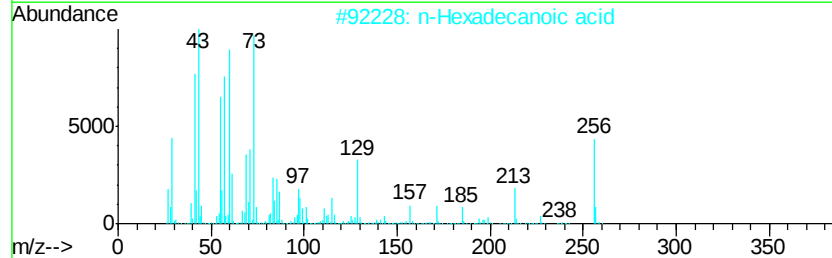
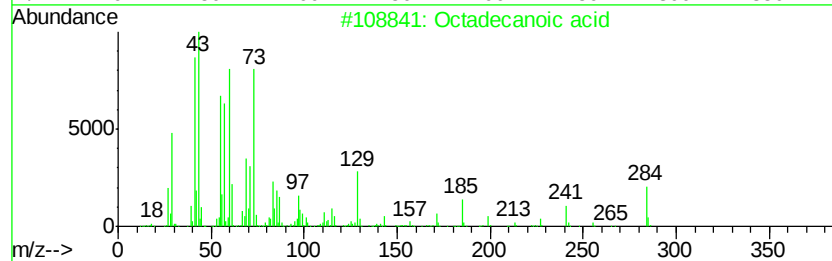
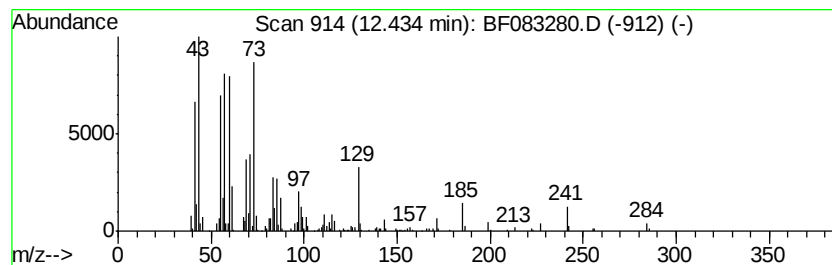
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	7.00 ng	510381	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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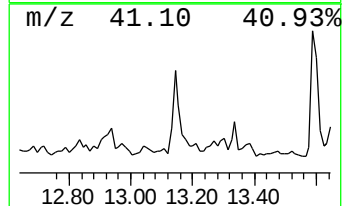
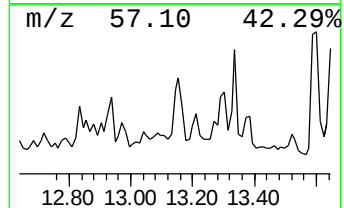
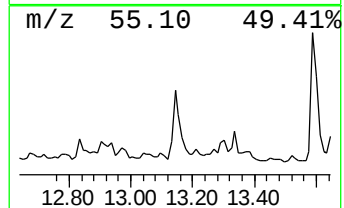
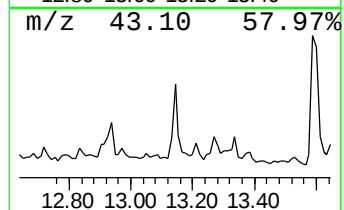
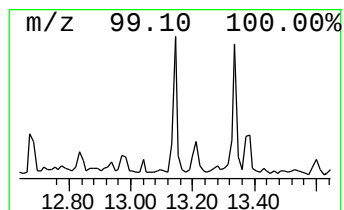
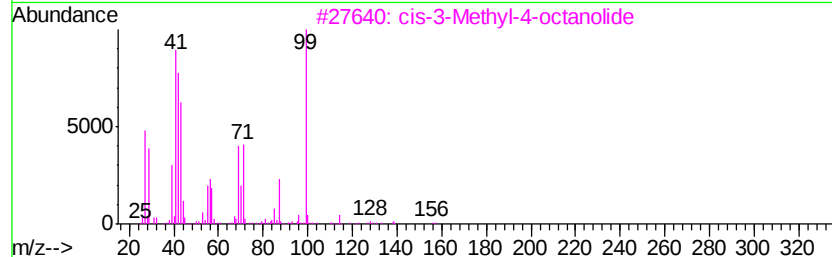
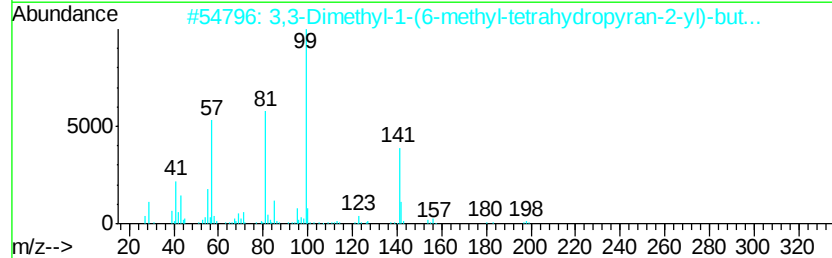
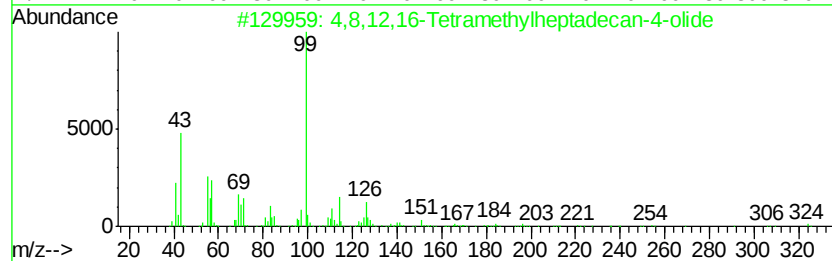
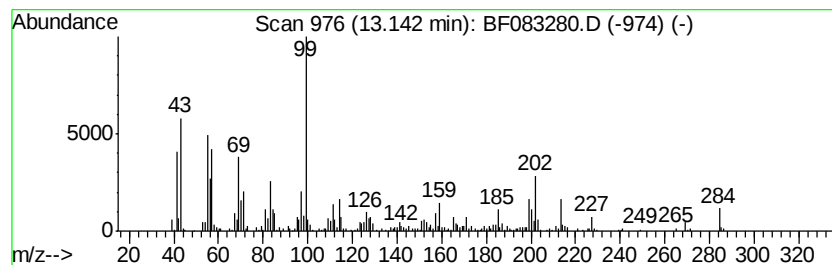
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.14 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	9.41 ng	685877	Chrysene-d12	13.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	45		
2	3,3-Dimethyl-1-(6-methyl-tetrahy...	198	C12H22O2	343947-11-5	38		
3	cis-3-Methyl-4-octanolide	156	C9H16O2	039638-67-0	38		
4	D-Gluconic acid, 1,2:3,4:5,6-tri...	310	C12H21B3O7	1000157-46-5	38		
5	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	055013-32-6	35		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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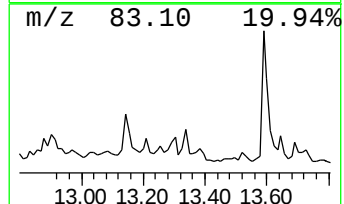
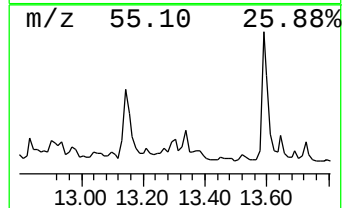
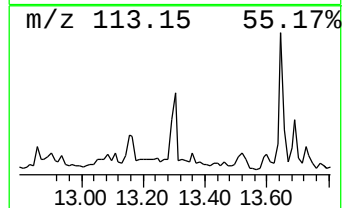
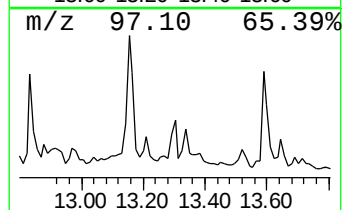
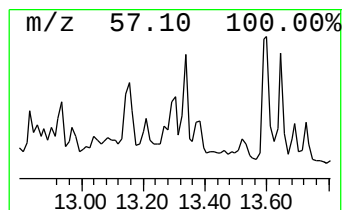
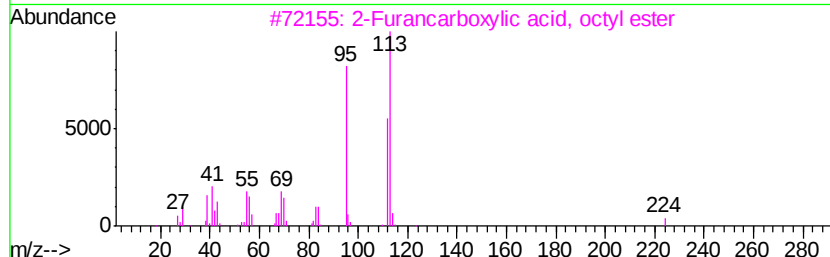
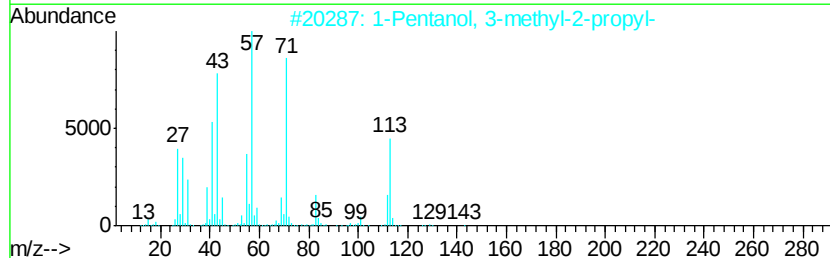
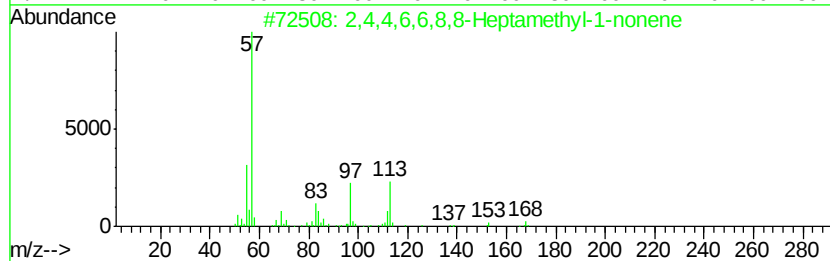
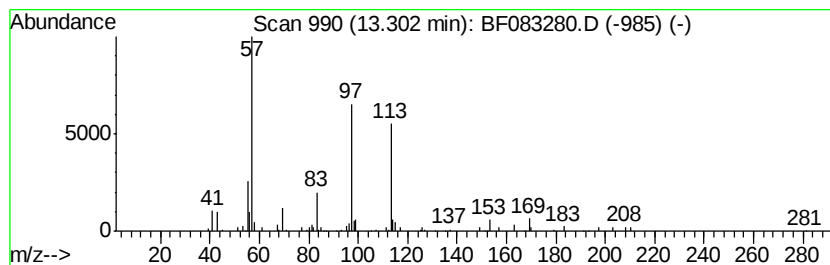
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.84 ng	207281	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
2		1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	38
3		2-Furancarboxylic acid, octyl ester	224	C13H20O3	039251-88-2	22
4		2-Methyl-4-decanone	170	C11H22O	006628-25-7	17
5		Heptadecanenitrile	251	C17H33N	005399-02-0	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

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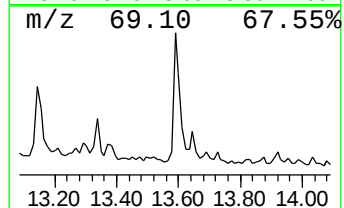
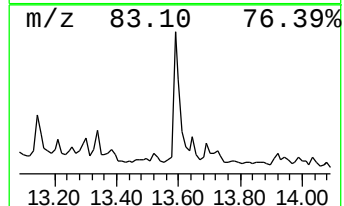
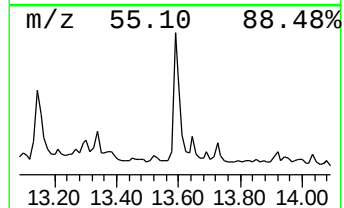
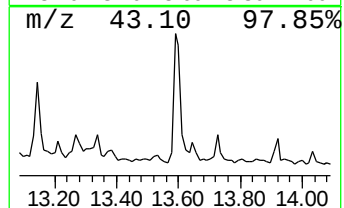
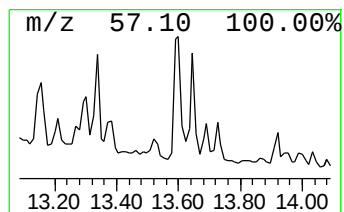
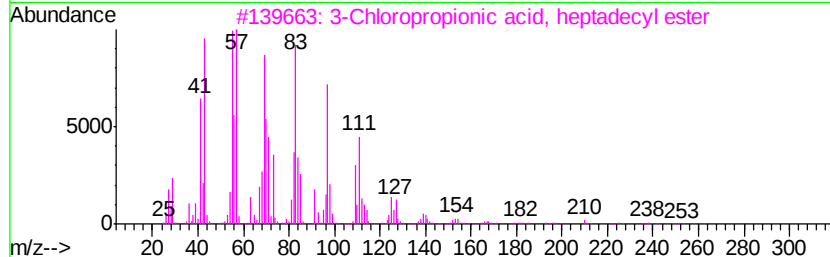
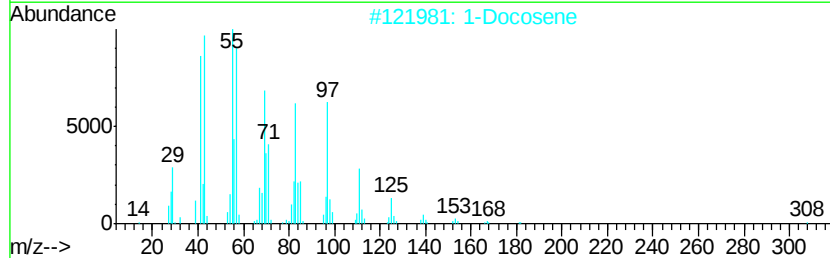
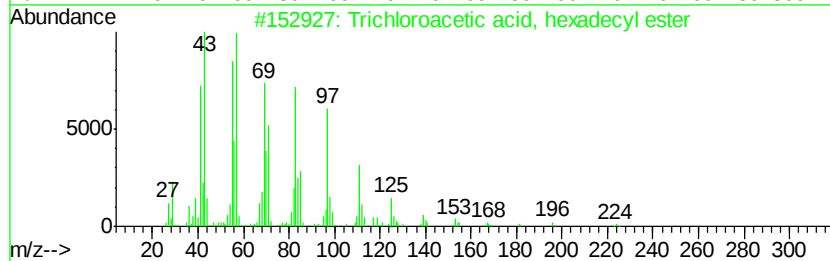
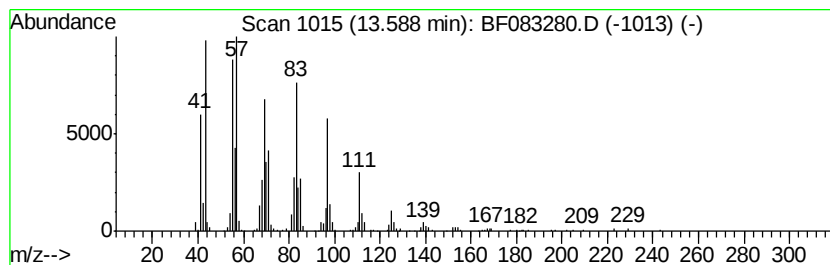
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Trichloroacetic acid, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	9.50 ng	692621	Chrysene-d12	13.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2			1-Docosene	308	C22H44	001599-67-3	94
3			3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5			5-Eicosene, (E)-	280	C20H40	074685-30-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

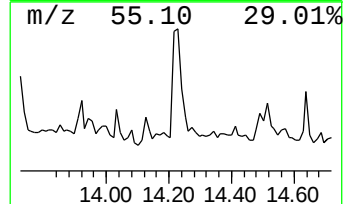
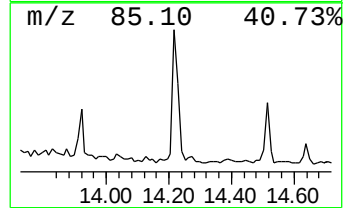
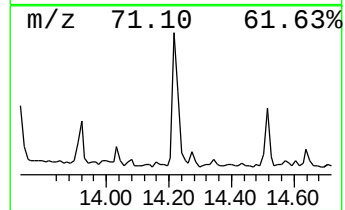
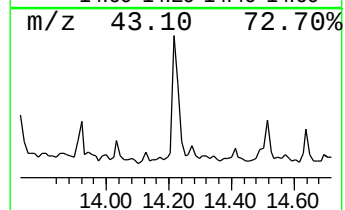
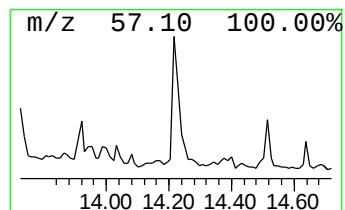
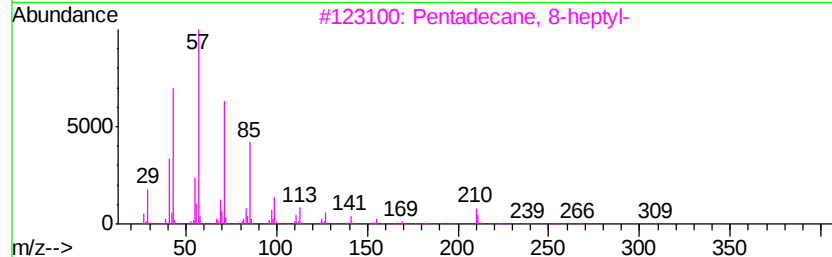
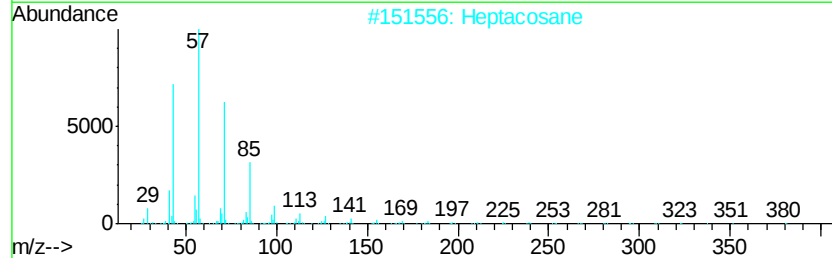
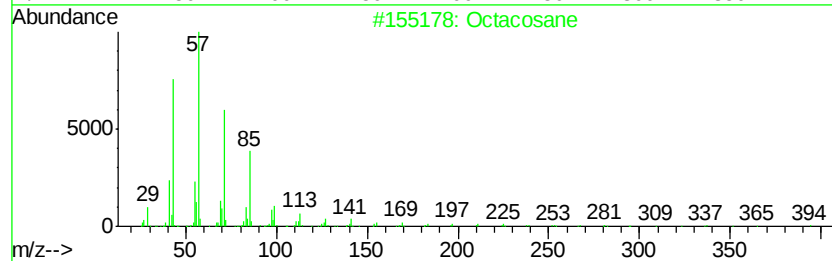
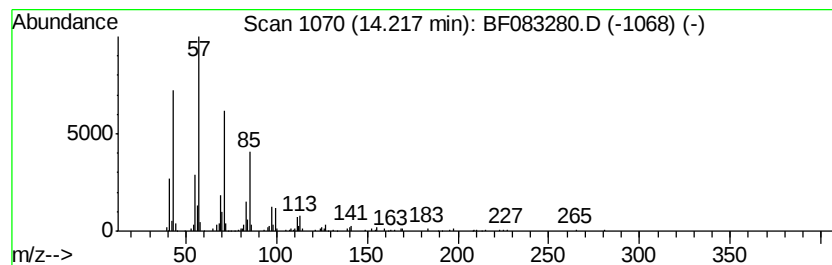
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.98 ng	290159	Chrysene-d12	13.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	86
3		Pentadecane, 8-heptvl-	310	C22H46	071005-15-7	86
4		Eicosane	282	C20H42	000112-95-8	83
5		Pentadecane	212	C15H32	000629-62-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

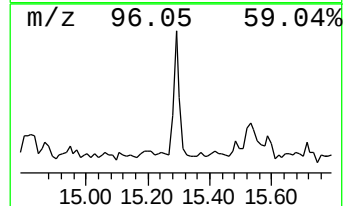
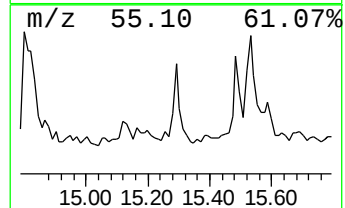
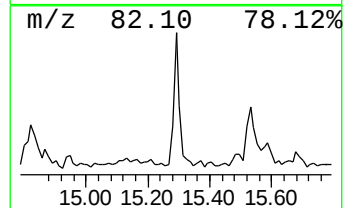
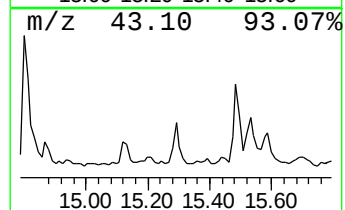
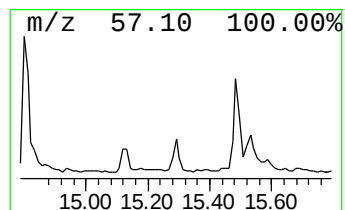
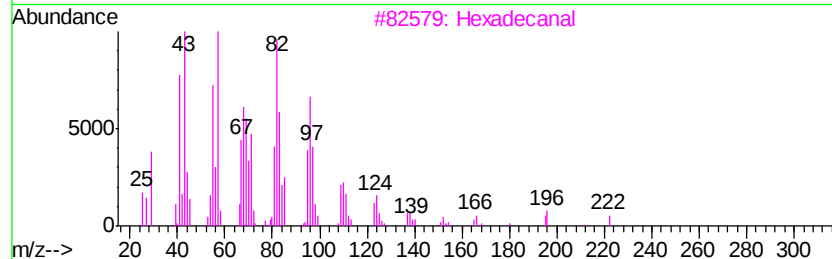
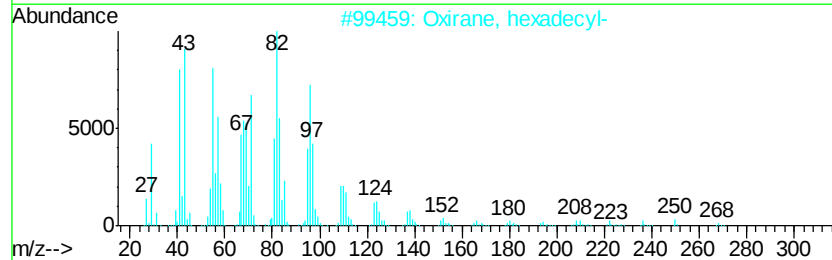
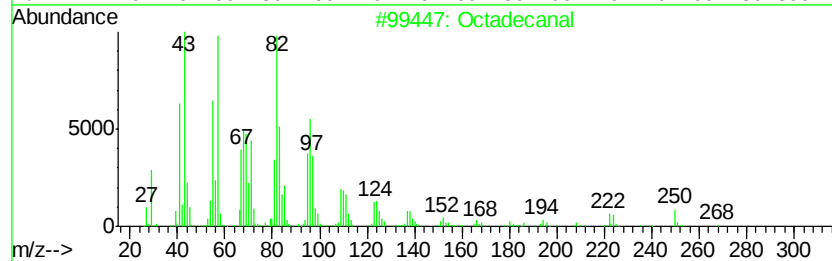
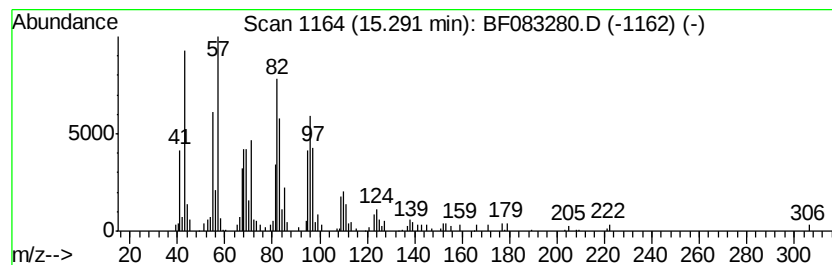
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.29	3.25 ng	176635	Perylene-d12	15.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3	Hexadecanal	240	C16H32O	000629-80-1	86
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
5	1,19-Eicosadiene	278	C20H38	014811-95-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

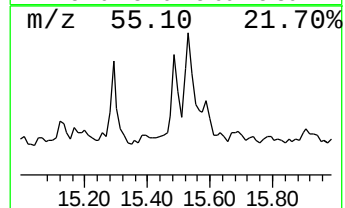
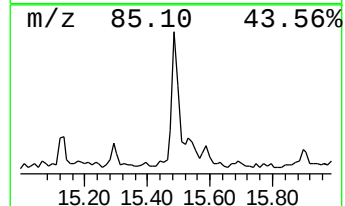
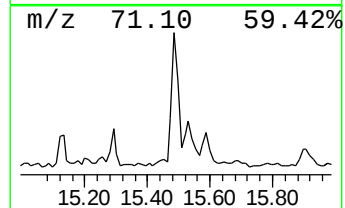
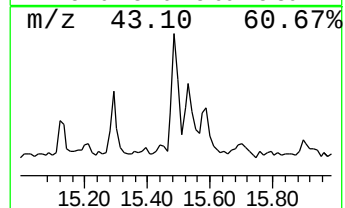
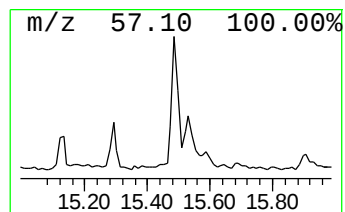
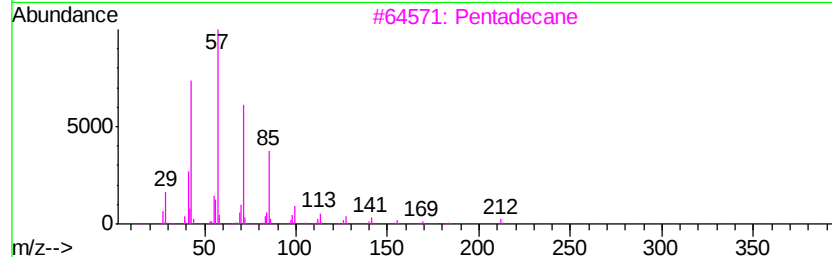
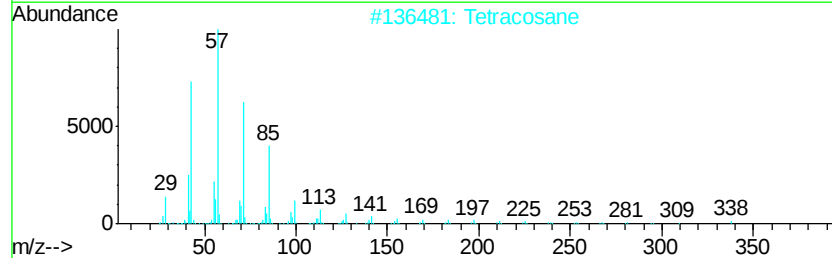
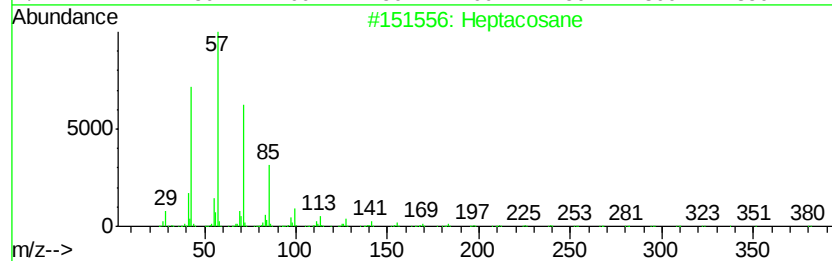
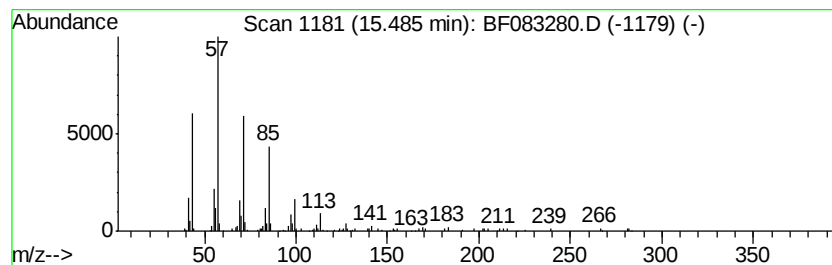
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	3.84 ng	208502	Perylene-d12	15.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Tetracosane	338 C24H50	000646-31-1	90
3	Pentadecane	212 C15H32	000629-62-9	86
4	Eicosane	282 C20H42	000112-95-8	86
5	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
Sample : G4559-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

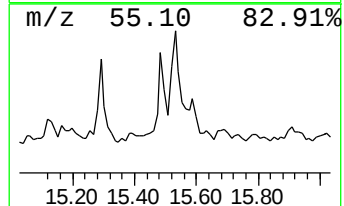
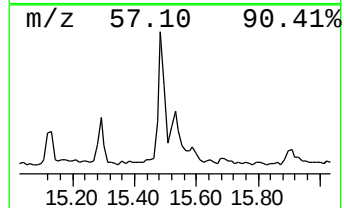
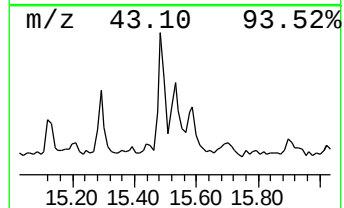
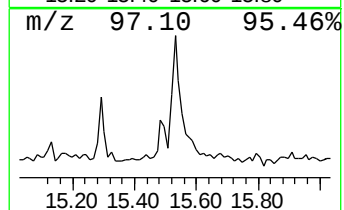
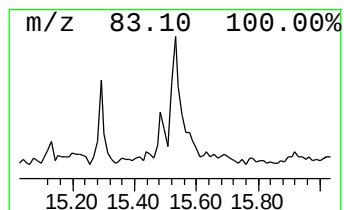
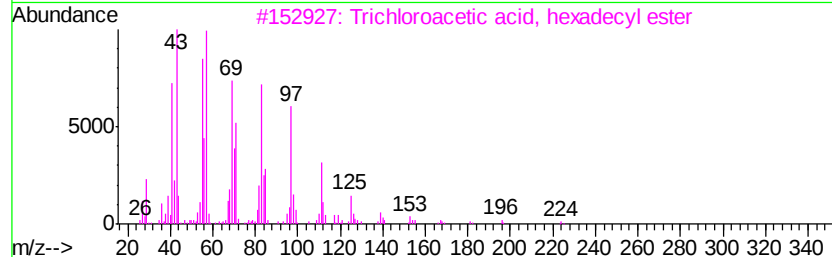
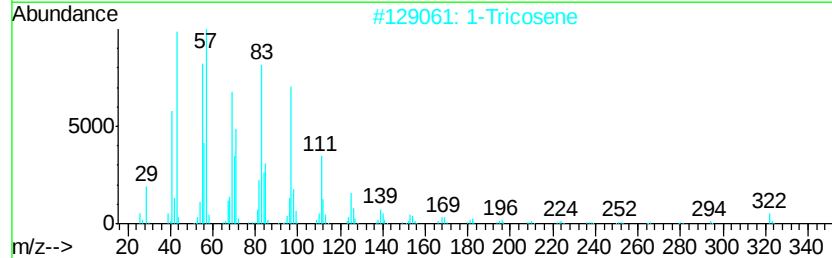
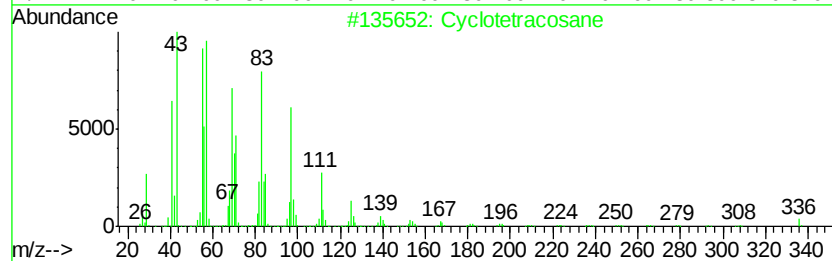
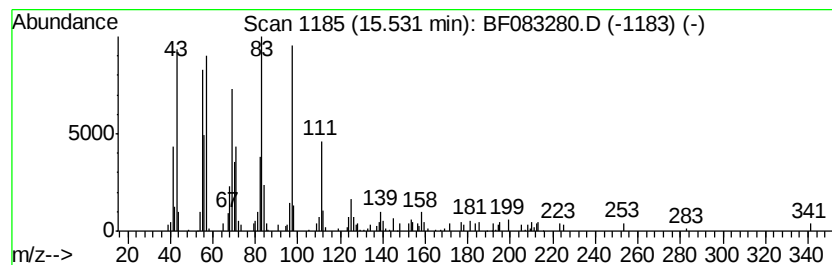
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclotetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	4.45 ng	241790	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	76
2		1-Tricosene	322	C23H46	018835-32-0	72
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	60
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	53
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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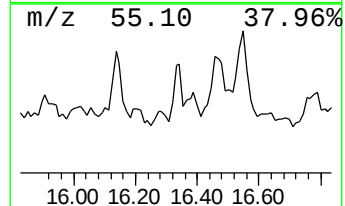
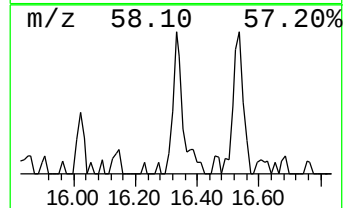
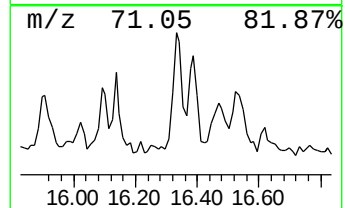
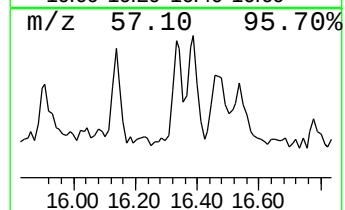
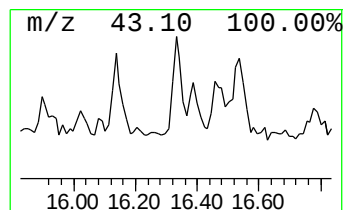
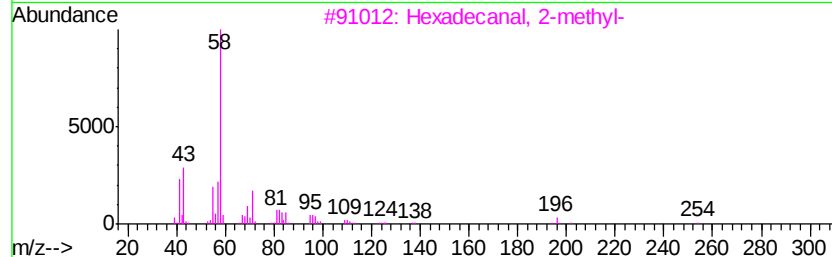
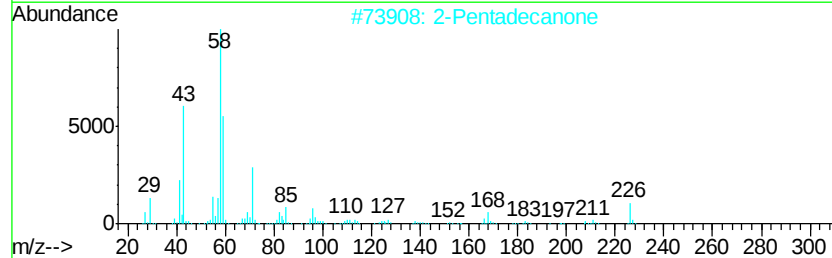
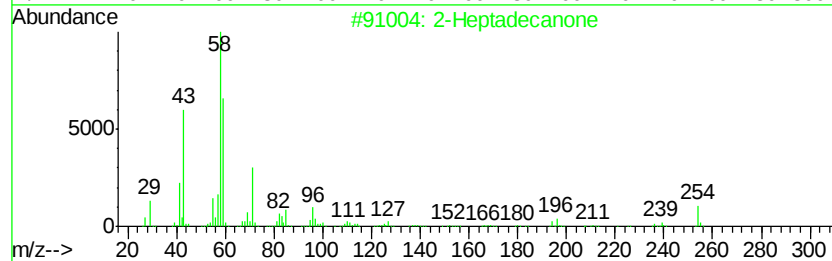
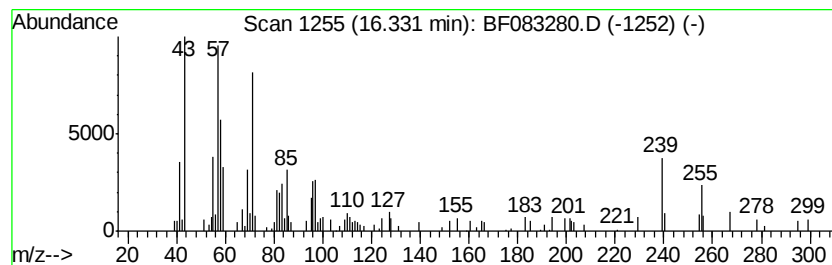
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.33 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.77 ng	150489	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptadecanone	254	C17H34O	002922-51-2	46
2		2-Pentadecanone	226	C15H30O	002345-28-0	43
3		Hexadecanal, 2-methyl-	254	C17H34O	055019-46-0	38
4		Undecanal, 2-methyl-	184	C12H24O	000110-41-8	35
5		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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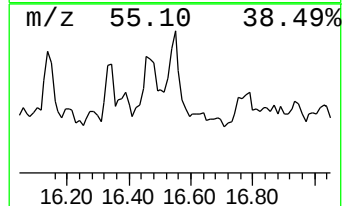
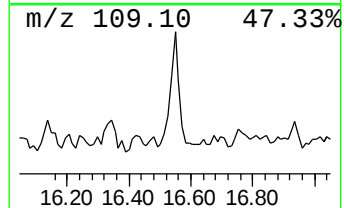
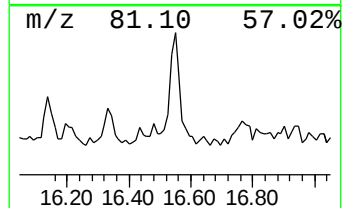
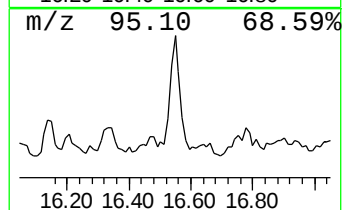
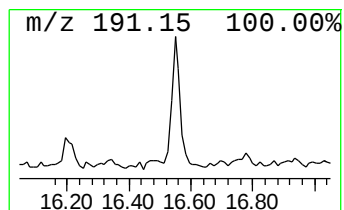
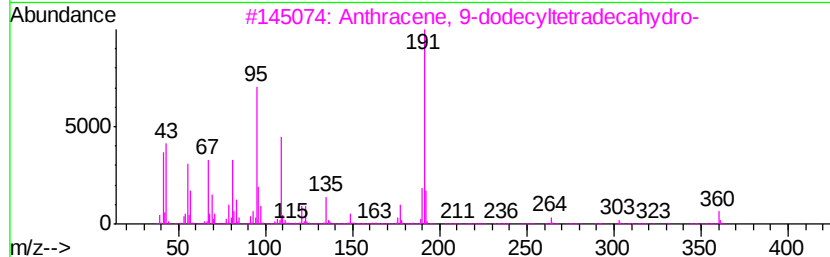
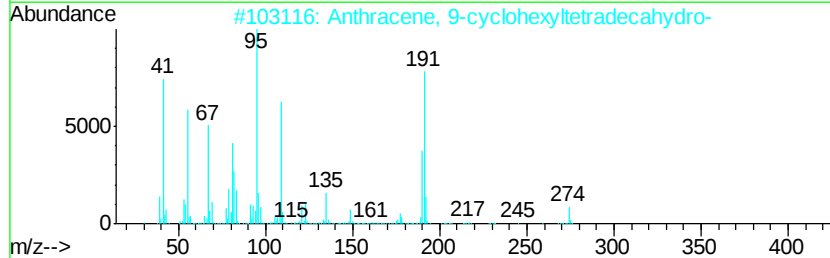
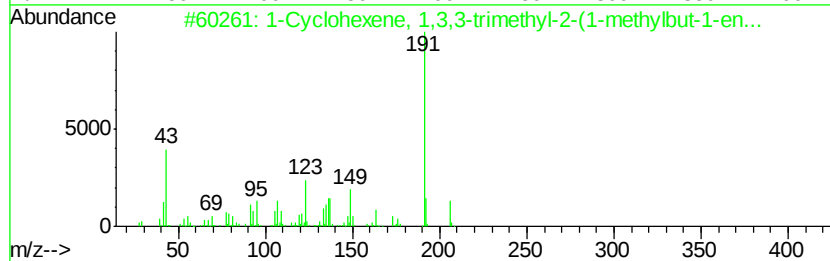
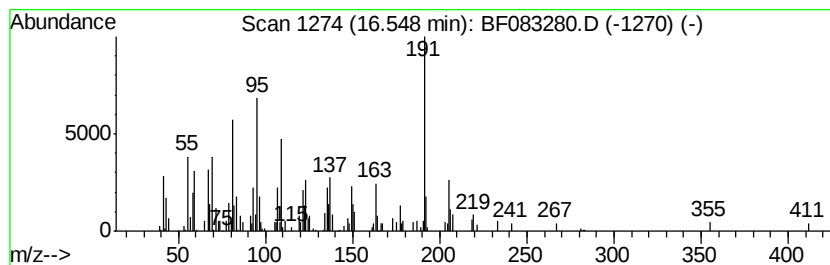
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Cyclohexene, 1,3,3-trimet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.03 ng	273274	Perylene-d12	15.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	55
2	Anthracene, 9-cyclohexyltetradec...	274 C20H34	055255-70-4	50
3	Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7	50
4	3-Buten-2-one, 4-(2,5,6,6-tetram...	206 C14H22O	000079-70-9	35
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083280.D
Acq On : 25 Nov 2015 18:24
Operator : UM/IZ
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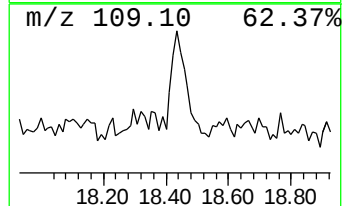
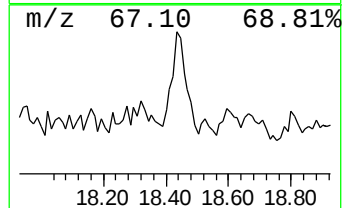
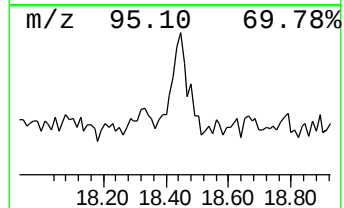
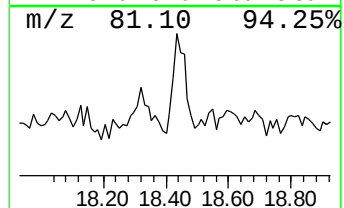
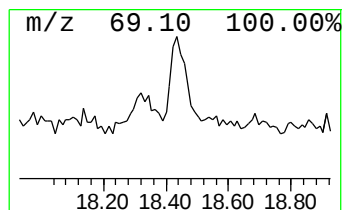
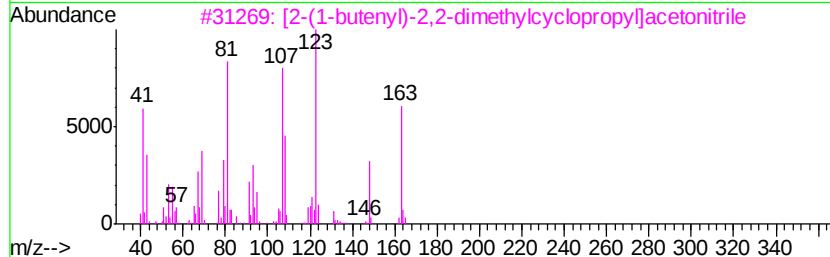
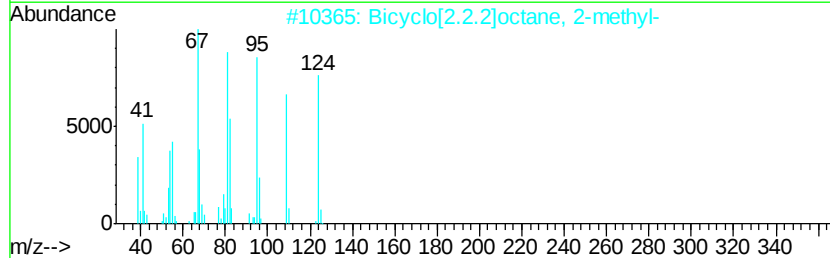
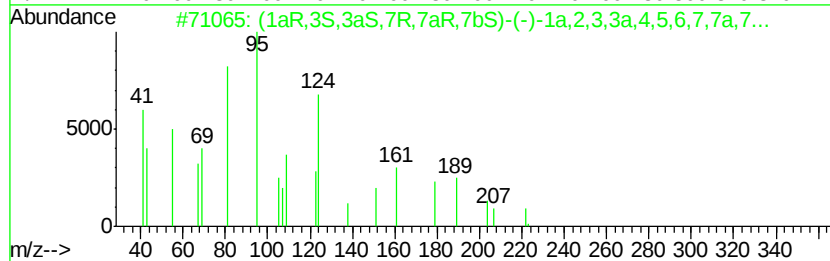
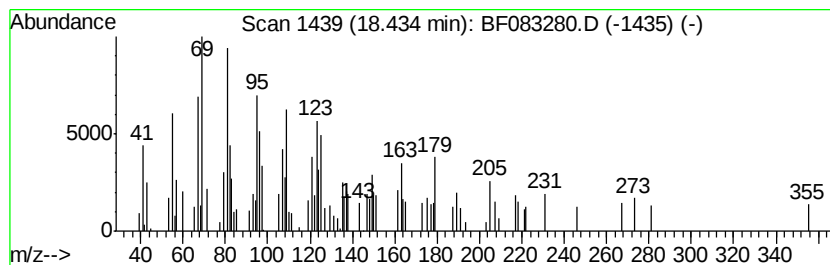
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.43 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.30 ng	179061	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1aR,3S,3aS,7R,7aR,7bS)-(-)-1a,2...	222	C15H26O	028329-86-4	38
2		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	30
3		[2-(1-butenyl)-2,2-dimethylcyclo...	163	C11H17N	1000111-15-4	30
4		1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	27
5		1-Tridecyne	180	C13H24	026186-02-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083280.D
 Acq On : 25 Nov 2015 18:24
 Operator : UM/IZ
 Sample : G4559-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.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...	4.71	32.9	ng	1645930	1	6.58	1001420	20.0
unknown6.36	6.36	87.0	ng	4353540	1	6.58	1001420	20.0
Eicosane	10.55	2.9	ng	224840	4	11.10	1541110	20.0
Cyclotetradecane	11.35	5.8	ng	449775	4	11.10	1541110	20.0
Tridecanoic acid	11.66	13.2	ng	1020510	4	11.10	1541110	20.0
1-Heptadecene	12.35	2.6	ng	203691	4	11.10	1541110	20.0
Octadecanoic acid	12.43	7.0	ng	510381	5	13.71	1457830	20.0
unknown13.14	13.14	9.4	ng	685877	5	13.71	1457830	20.0
unknown13.30	13.30	2.8	ng	207281	5	13.71	1457830	20.0
Trichloroacetic a...	13.59	9.5	ng	692621	5	13.71	1457830	20.0
Octacosane	14.22	4.0	ng	290159	5	13.71	1457830	20.0
Octadecanal	15.29	3.3	ng	176635	6	15.07	1085600	20.0
Heptacosane	15.49	3.8	ng	208502	6	15.07	1085600	20.0
Cyclotetracosane	15.53	4.5	ng	241790	6	15.07	1085600	20.0
unknown16.33	16.33	2.8	ng	150489	6	15.07	1085600	20.0
1-Cyclohexene, 1,...	16.55	5.0	ng	273274	6	15.07	1085600	20.0
unknown18.43	18.43	3.3	ng	179061	6	15.07	1085600	20.0