

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083963.D
 Acq On : 19 Dec 2015 19:15
 Operator : UM/SJ
 Sample : G4869-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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	5.047	255	259	267	rBB	374576	689208	26.57%	2.937%
2	5.470	294	296	299	rBV	1683096	2069382	79.79%	8.818%
3	5.859	328	330	332	rBB	31300	29655	1.14%	0.126%
4	6.499	383	386	389	rBV	1649255	2028333	78.21%	8.643%
5	6.624	394	397	399	rBV	2244936	2218490	85.54%	9.453%
6	6.853	415	417	419	rBV	371095	451139	17.39%	1.922%
7	7.002	428	430	433	rVB	1305187	1801614	69.46%	7.677%
8	7.413	463	466	469	rBV	1254542	1359054	52.40%	5.791%
9	8.133	527	529	531	rBV	655869	551106	21.25%	2.348%
10	9.207	620	623	626	rBV	2356843	2581152	99.52%	10.999%
11	9.608	655	658	660	rBV	259015	341764	13.18%	1.456%
12	9.882	680	682	685	rVB	717846	693549	26.74%	2.955%
13	10.328	717	721	722	rVB2	25053	43826	1.69%	0.187%
14	10.670	748	751	754	rBV2	1316158	1751327	67.53%	7.463%
15	10.796	759	762	767	rVV	50725	68803	2.65%	0.293%
16	11.242	799	801	802	rBV	49959	46626	1.80%	0.199%
17	11.368	810	812	814	rBV	835241	743309	28.66%	3.167%
18	11.596	829	832	833	rBV	33099	51251	1.98%	0.218%
19	11.665	836	838	840	rBV	57510	66435	2.56%	0.283%
20	11.711	840	842	844	rBV	26964	39099	1.51%	0.167%
21	11.779	846	848	849	rBV2	29885	47902	1.85%	0.204%
22	11.985	864	866	867	rBV	94499	88635	3.42%	0.378%
23	12.019	867	869	870	rVV	70220	68902	2.66%	0.294%
24	12.076	872	874	878	rVV2	52021	77795	3.00%	0.332%
25	12.145	878	880	882	rVB2	69335	95121	3.67%	0.405%
26	12.259	889	890	892	rVB	63265	48156	1.86%	0.205%
27	12.454	905	907	910	rBV	61181	102131	3.94%	0.435%
28	12.499	910	911	914	rVB	97271	96131	3.71%	0.410%
29	12.579	917	918	921	rVB	37044	30756	1.19%	0.131%
30	12.636	921	923	925	rBV	38849	57142	2.20%	0.243%
31	12.671	925	926	928	rVB2	43832	37345	1.44%	0.159%
32	12.831	939	940	944	rVB	61098	65265	2.52%	0.278%
33	12.956	948	951	953	rVB	2466848	2593591	100.00%	11.052%
34	13.185	967	971	973	rVB	74848	73991	2.85%	0.315%

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35	13.528	998	1001	1003	rBV	80821	70345	2.71%	0.300%
36	13.848	1026	1029	1032	rBV	154004	204463	7.88%	0.871%
37	13.997	1040	1042	1045	rBV	511344	589185	22.72%	2.511%
38	14.168	1055	1057	1060	rVB	73079	66086	2.55%	0.282%
39	14.477	1082	1084	1086	rBV	118685	119833	4.62%	0.511%
40	14.774	1107	1110	1112	rBV	50441	59185	2.28%	0.252%
41	14.911	1119	1122	1124	rBV	29728	38404	1.48%	0.164%
42	15.025	1130	1132	1136	rBV	10946	30852	1.19%	0.131%
43	15.094	1136	1138	1143	rVV	185760	265411	10.23%	1.131%
44	15.437	1165	1168	1177	rVB	319102	502723	19.38%	2.142%
45	15.871	1203	1206	1209	rBV	109024	174224	6.72%	0.742%
46	15.917	1209	1210	1215	rVB5	16129	30852	1.19%	0.131%
47	16.717	1275	1280	1282	rBV6	6091	26626	1.03%	0.113%
48	16.877	1290	1294	1295	rBV3	9783	26695	1.03%	0.114%
49	16.911	1295	1297	1300	rVB	18431	37181	1.43%	0.158%
50	17.368	1334	1337	1345	rVB3	14443	38343	1.48%	0.163%
51	18.363	1420	1424	1429	rVB4	15063	49278	1.90%	0.210%
52	19.300	1502	1506	1510	rBV6	7219	29810	1.15%	0.127%

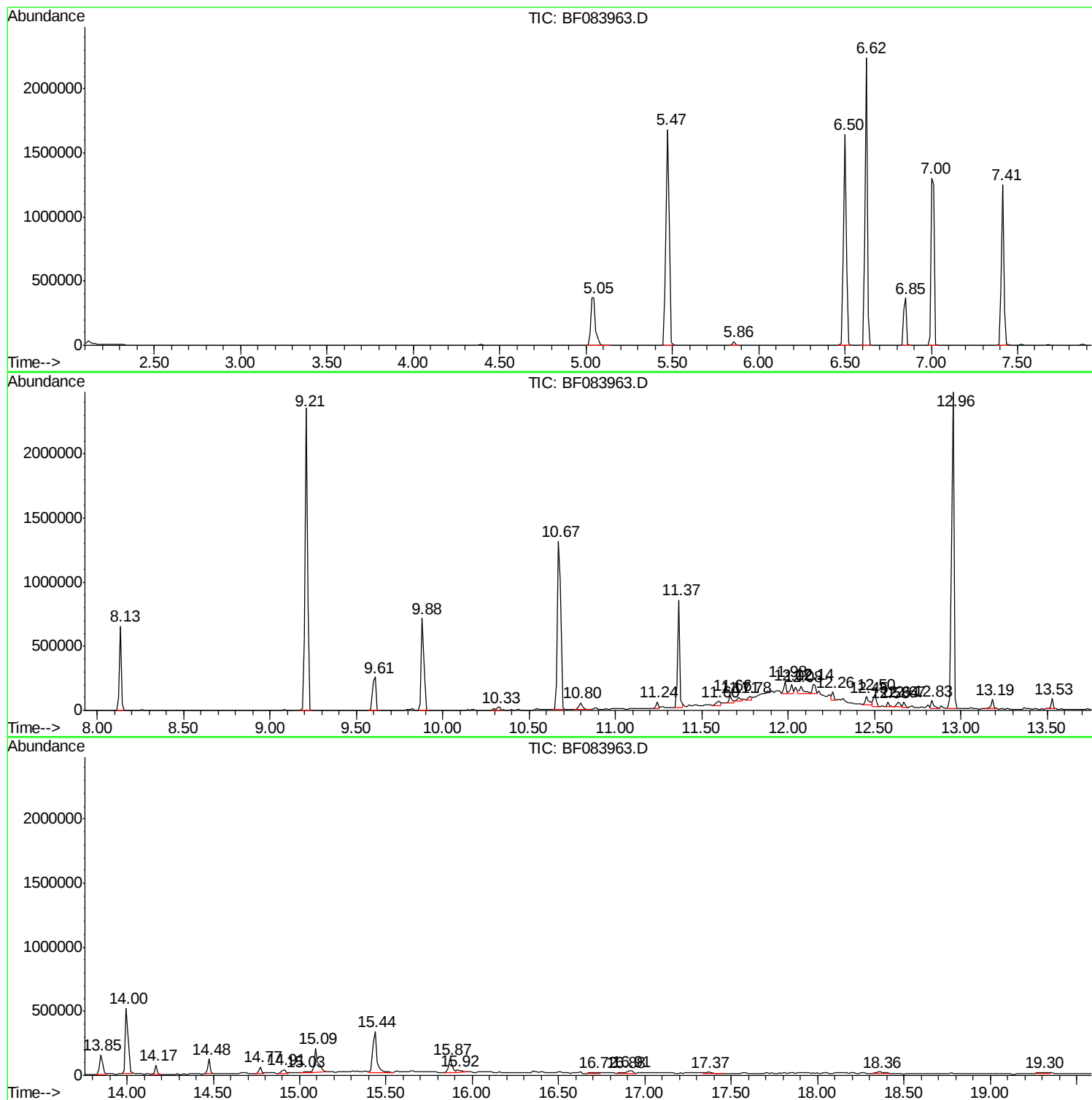
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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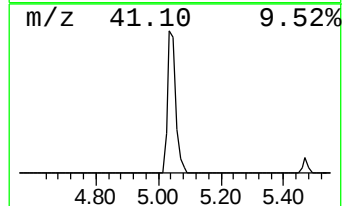
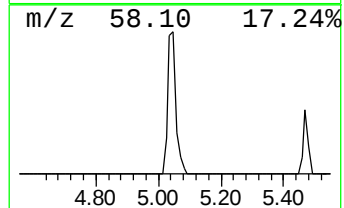
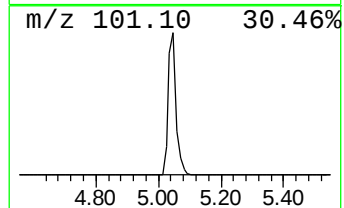
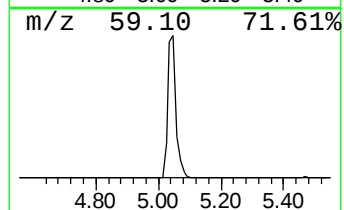
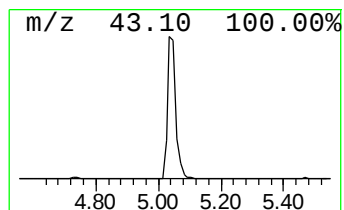
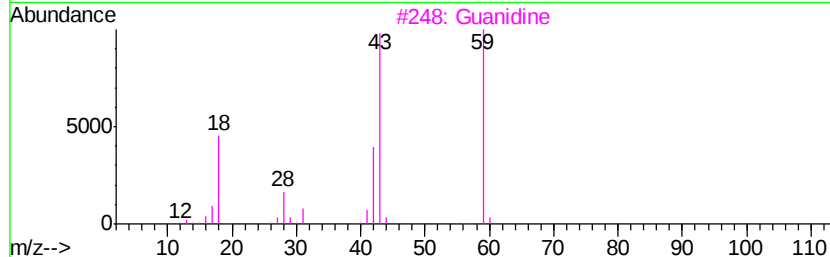
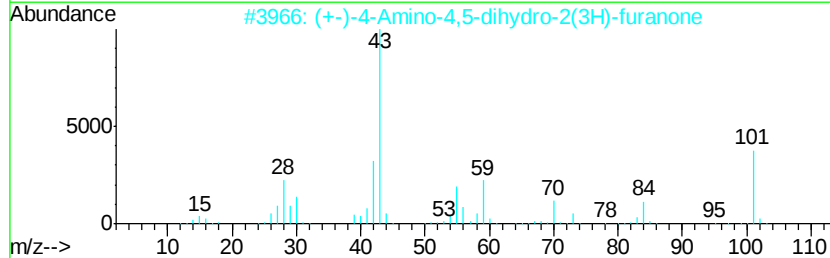
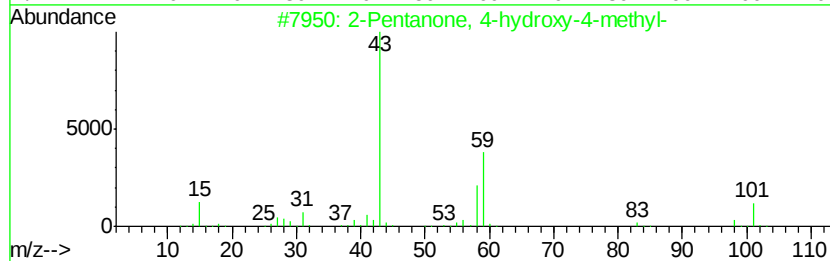
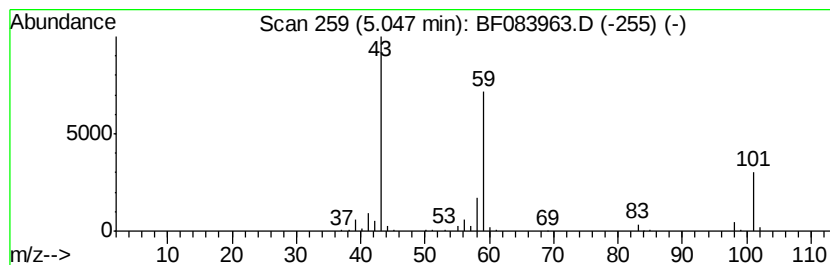
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	30.55 ng	689208	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17
5		Acetone	58	C3H6O	000067-64-1	10



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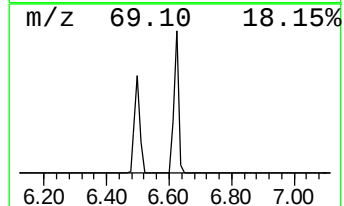
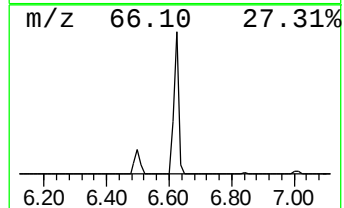
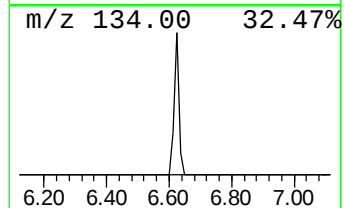
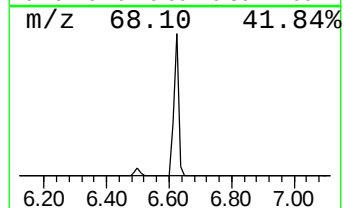
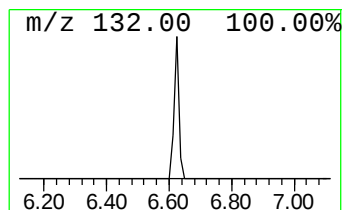
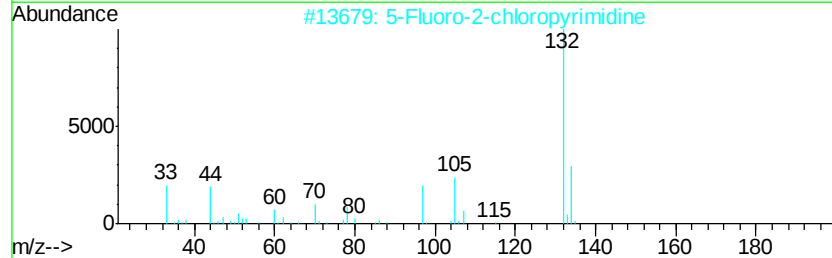
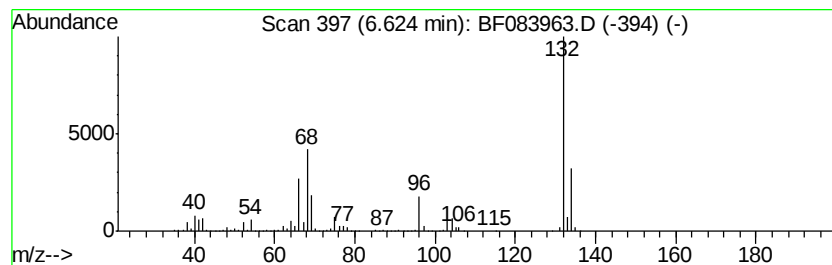
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	98.35 ng	2218490	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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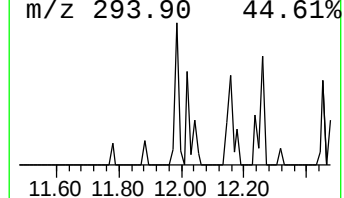
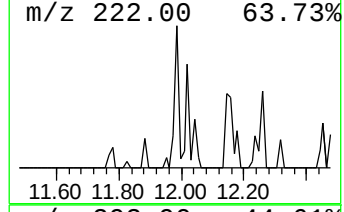
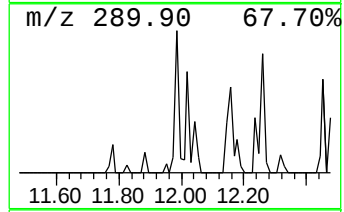
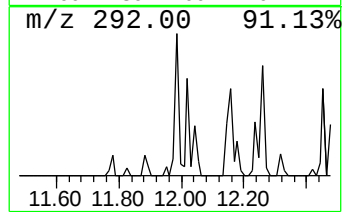
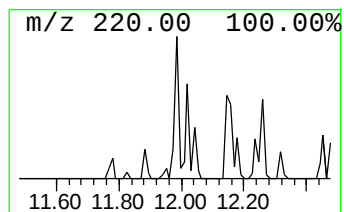
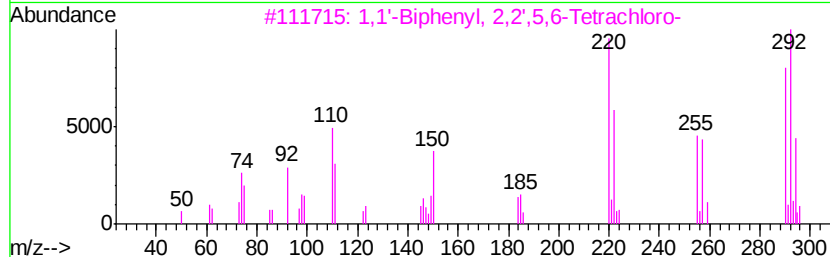
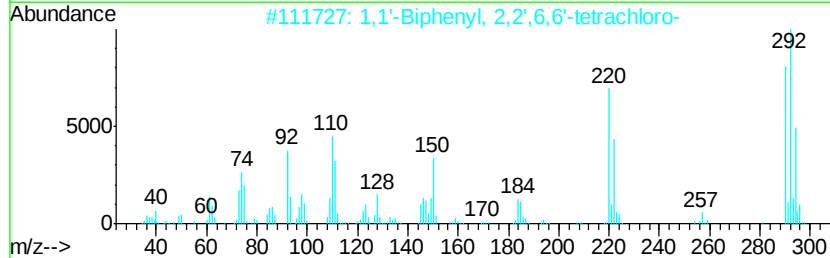
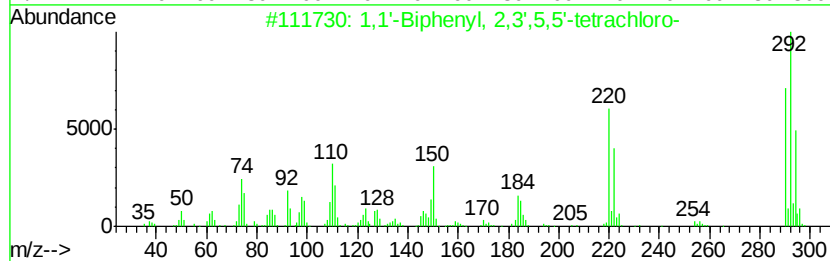
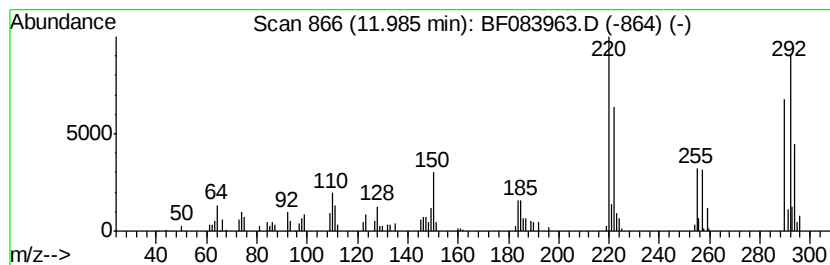
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.38 ng	88635	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
2		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	98
5		1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	97



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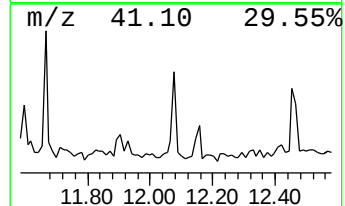
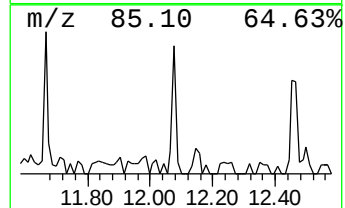
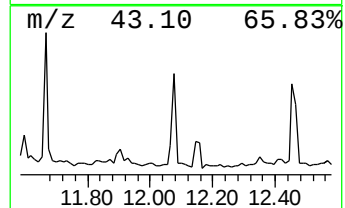
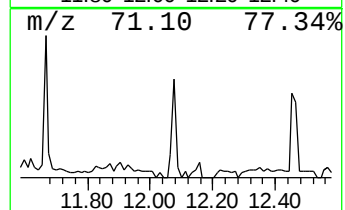
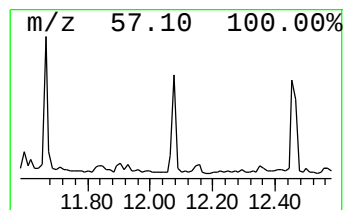
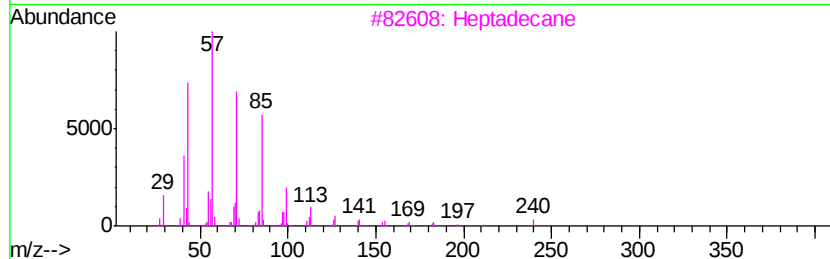
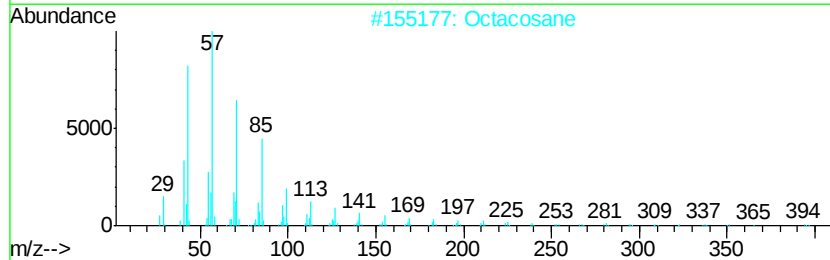
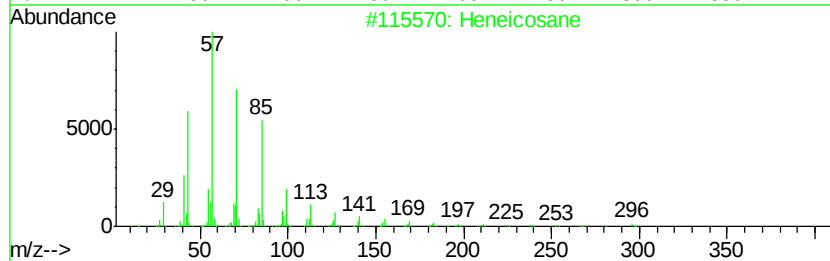
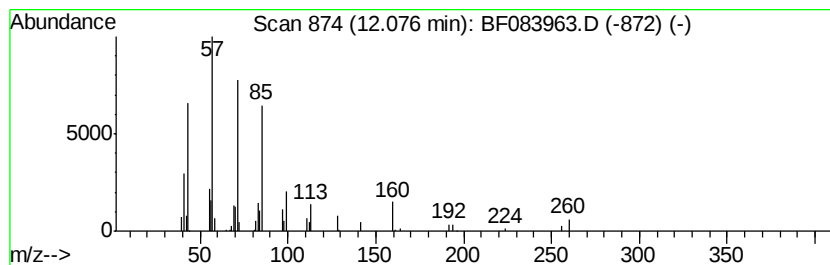
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.09 ng	77795	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Octacosane		394	C28H58	000630-02-4	87
3	Heptadecane		240	C17H36	000629-78-7	86
4	Hexacosane		366	C26H54	000630-01-3	86
5	Eicosane		282	C20H42	000112-95-8	86



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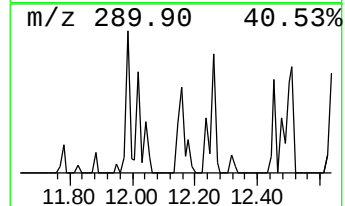
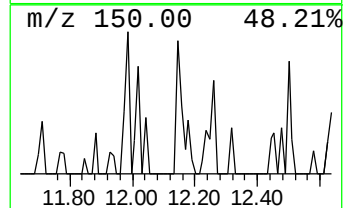
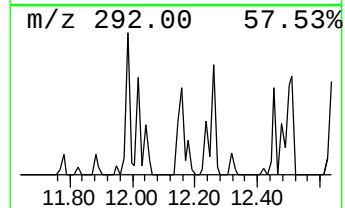
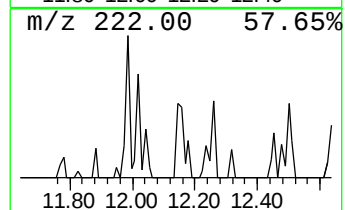
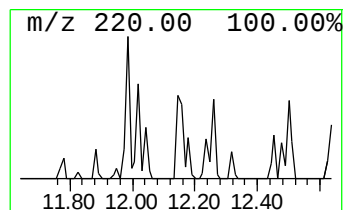
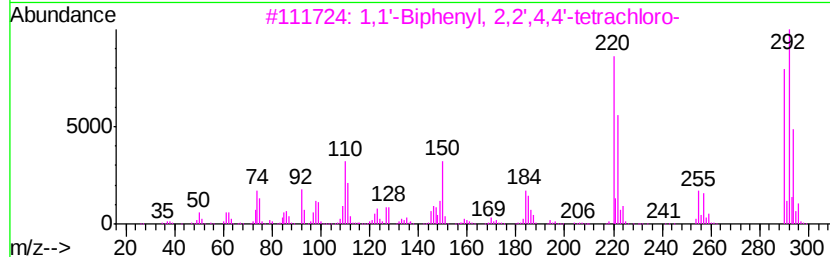
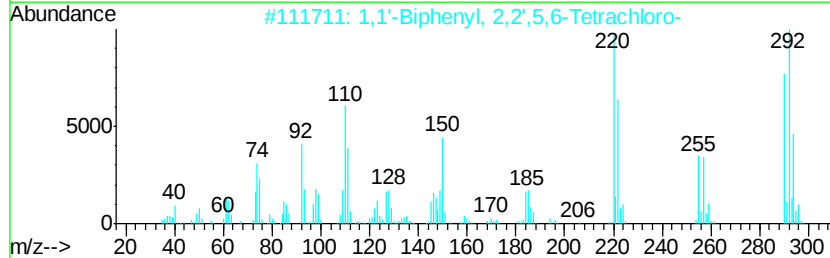
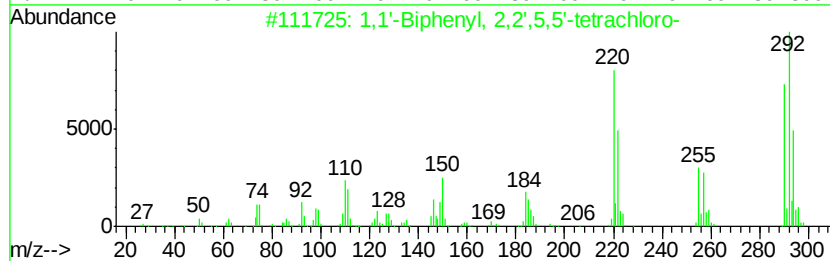
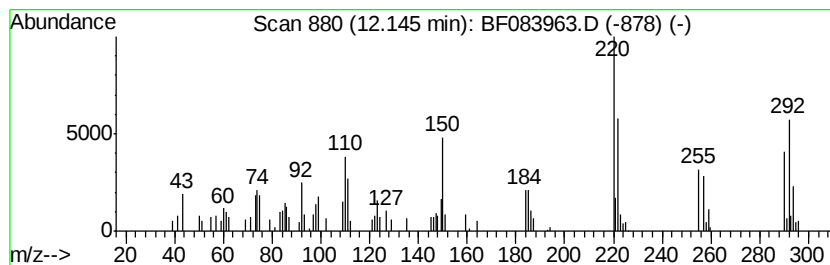
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ClientSampleId :
LTCWC-01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.14	2.56 ng	95121	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	96
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	96
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	96
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083963.D
Acq On : 19 Dec 2015 19:15
Operator : UM/SJ
Sample : G4869-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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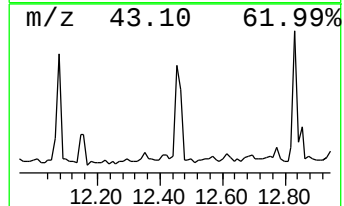
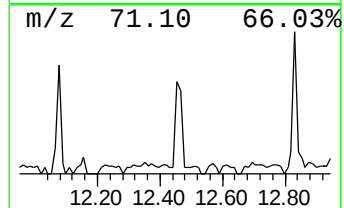
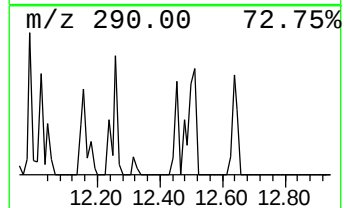
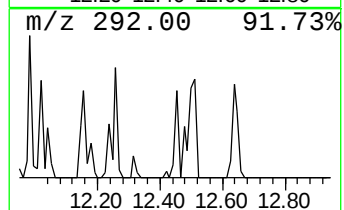
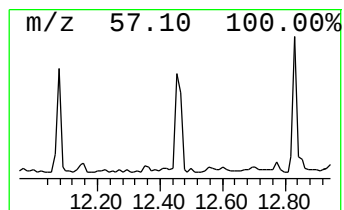
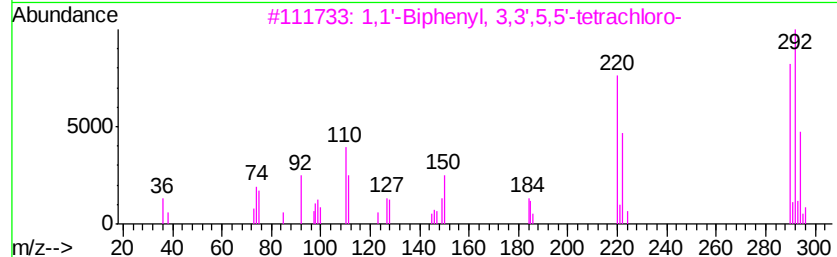
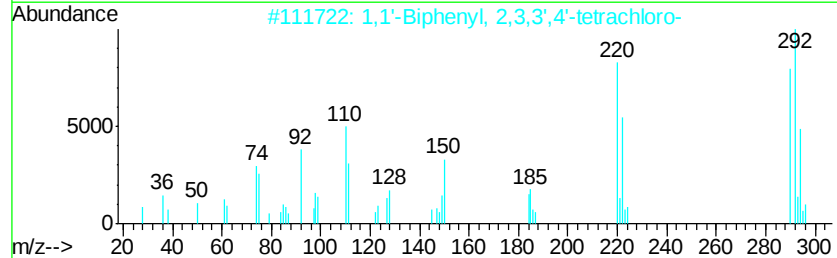
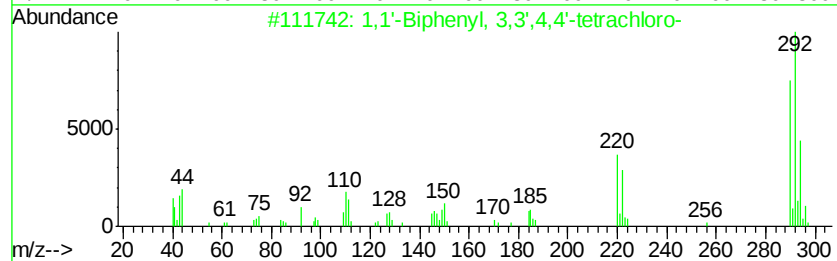
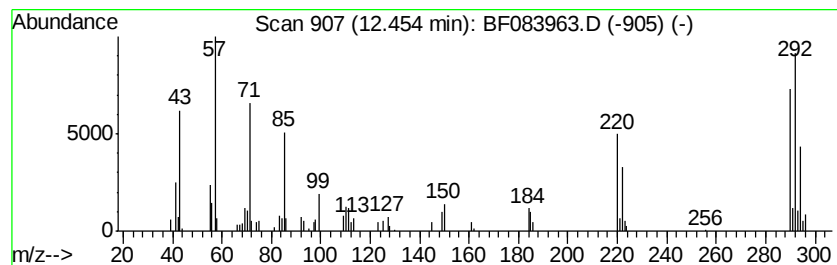
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.75 ng	102131	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96
2		1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95
3		1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	95
4		1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	95
5		1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95



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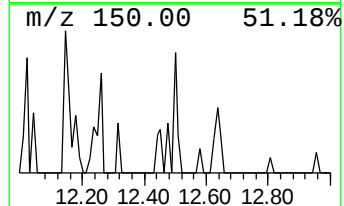
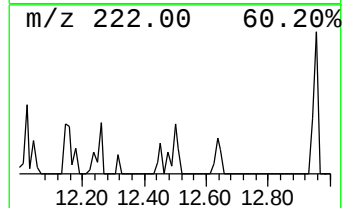
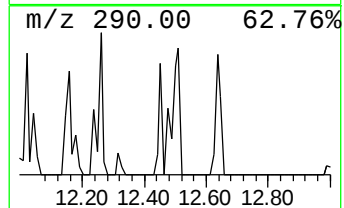
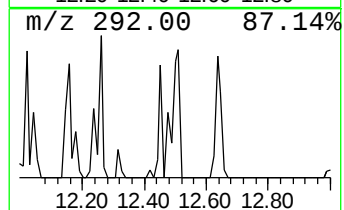
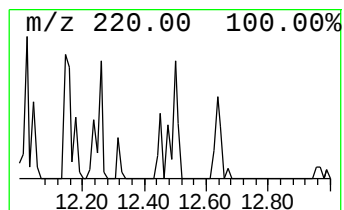
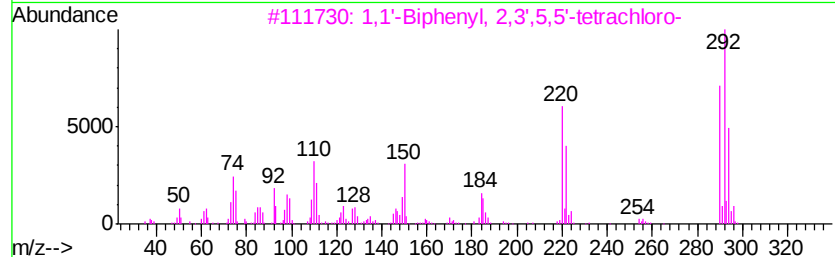
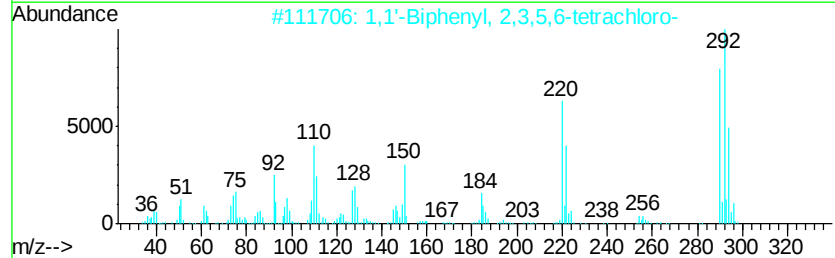
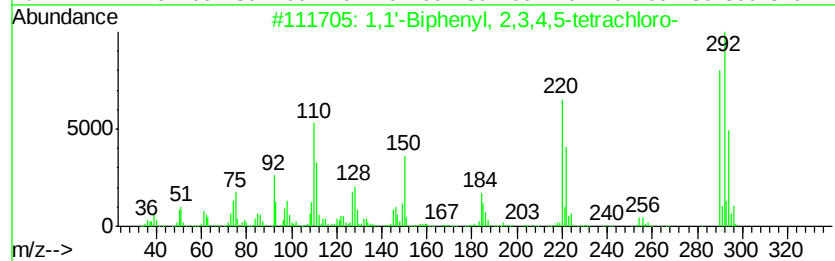
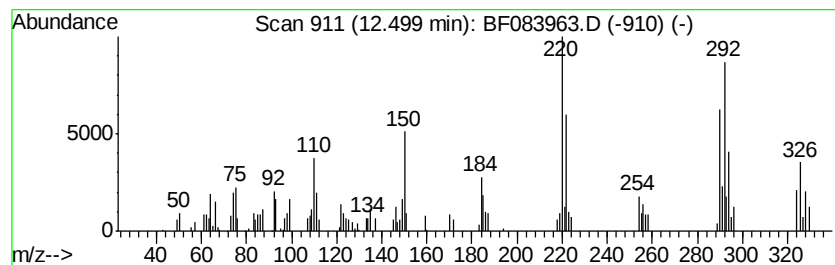
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3,4,5-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.59 ng	96131	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,4,5-tetrachloro-	290	C12H6Cl4	033284-53-6	99
2		1,1'-Biphenyl, 2,3,5,6-tetrachloro-	290	C12H6Cl4	033284-54-7	96
3		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
4		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	95
5		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95



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Misc :
ALS Vial : 13 Sample Multiplier: 1

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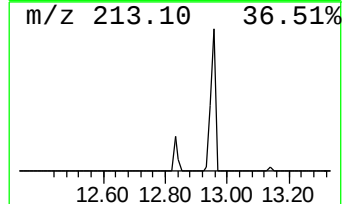
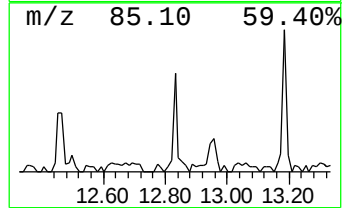
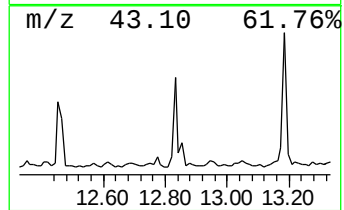
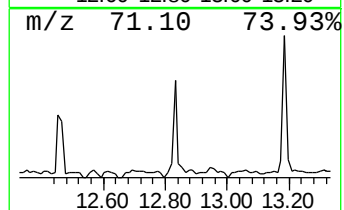
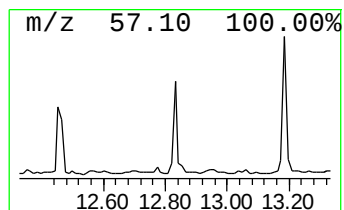
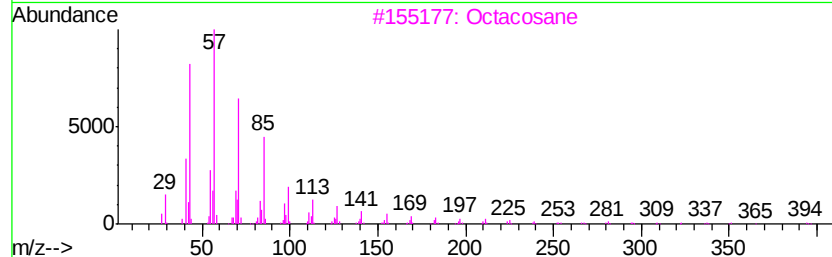
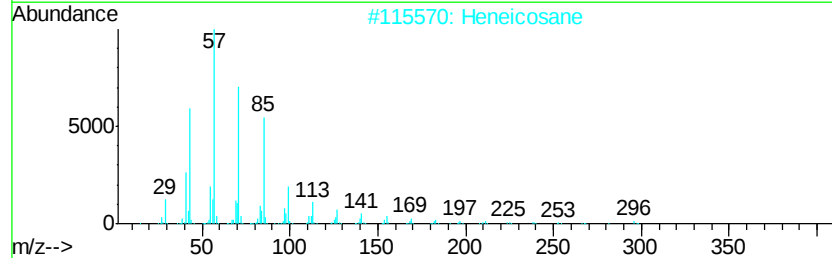
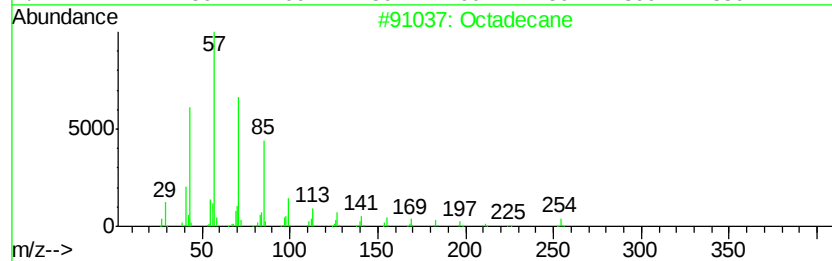
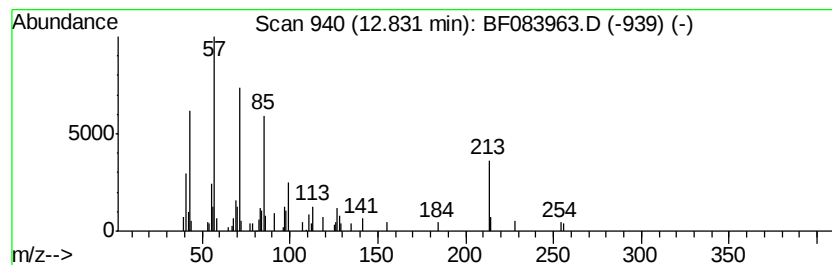
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.22 ng	65265	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heneicosane	296	C21H44	000629-94-7	81
3		Octacosane	394	C28H58	000630-02-4	74
4		triacontane	422	C30H62	000638-68-6	72
5		Pentacosane	352	C25H52	000629-99-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
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Sample : G4869-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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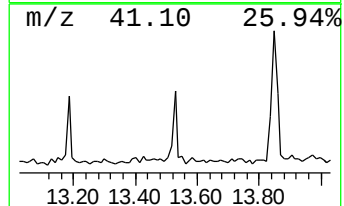
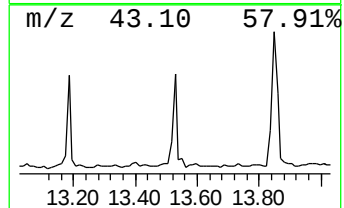
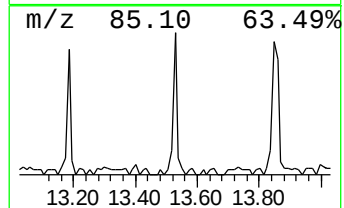
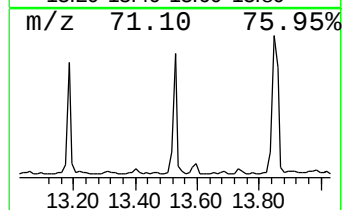
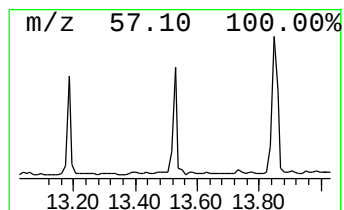
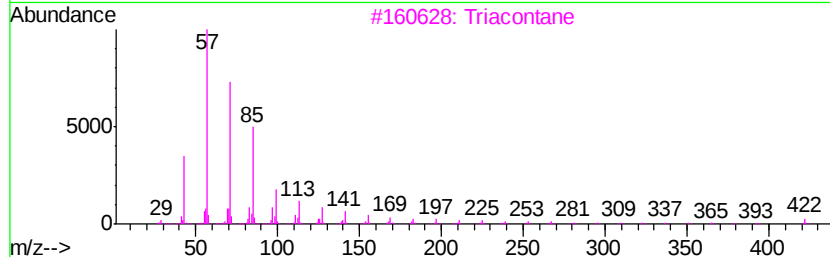
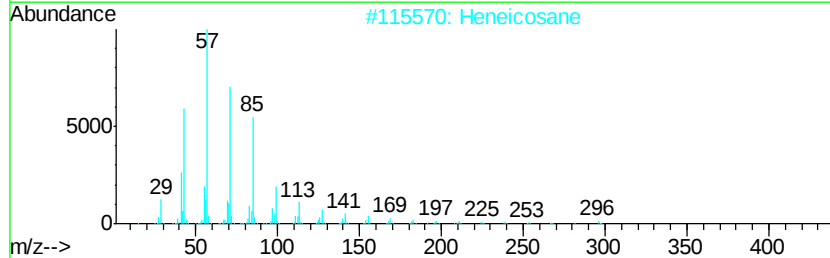
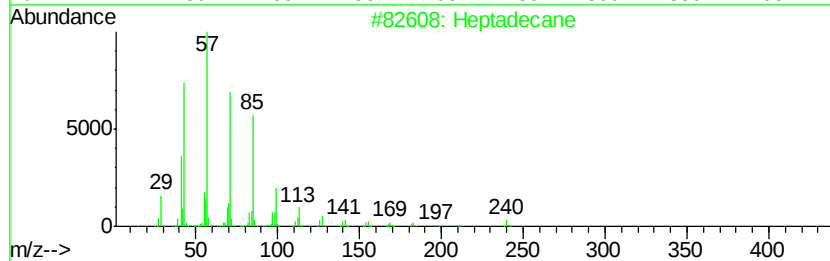
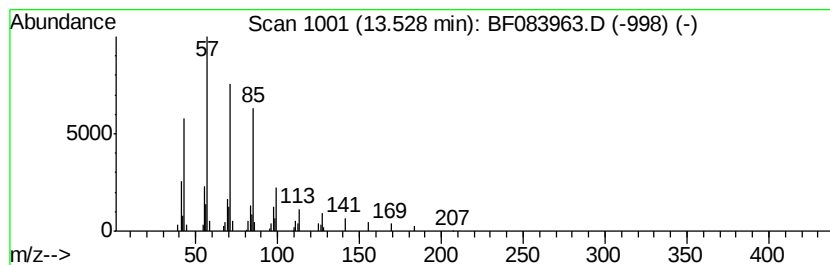
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.39 ng	70345	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Nonacosane	408	C29H60	000630-03-5	90



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Acq On : 19 Dec 2015 19:15
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Sample : G4869-01
Misc :
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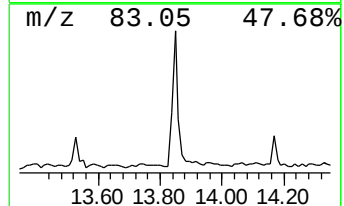
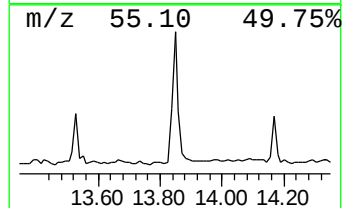
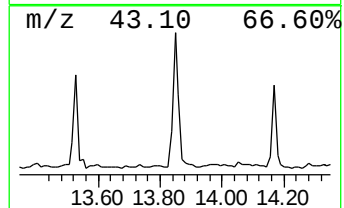
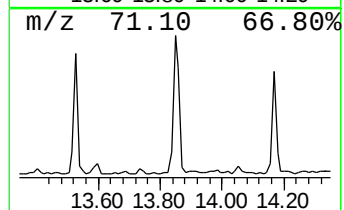
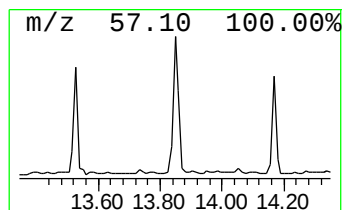
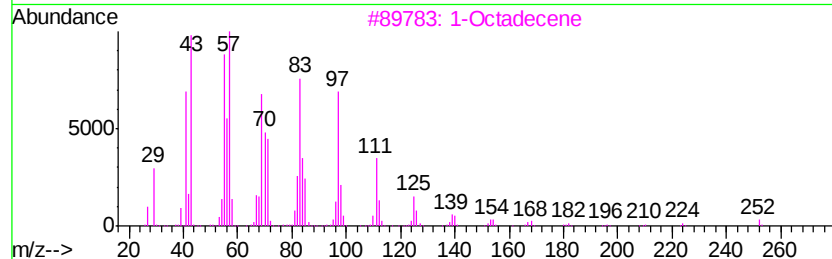
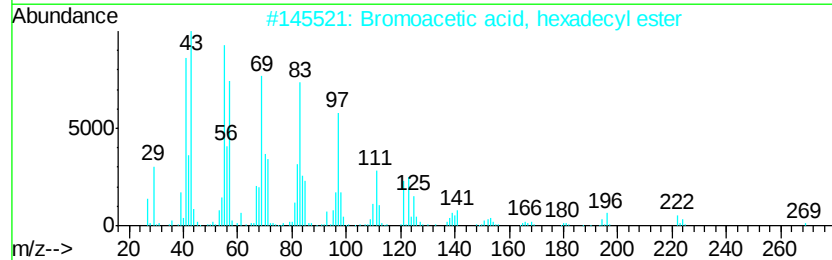
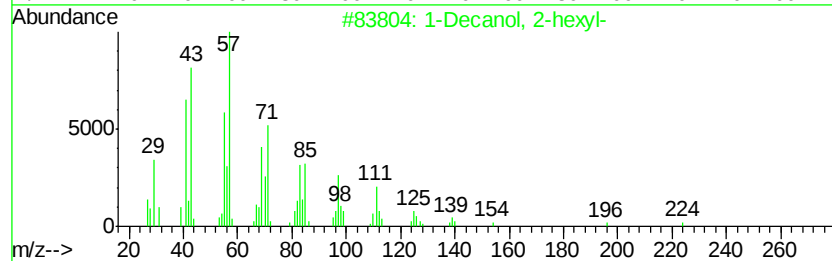
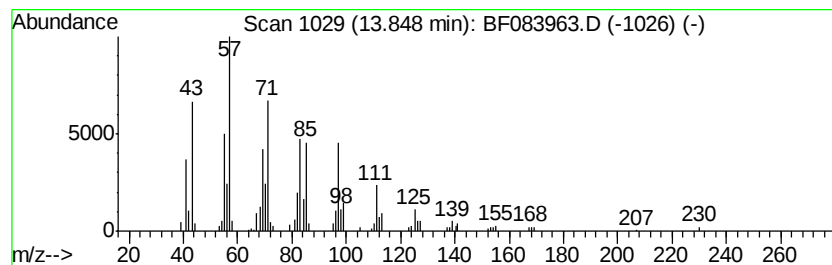
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	6.94 ng	204463	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	53
3	1-Octadecene	252	C18H36	000112-88-9	52
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	52
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	52



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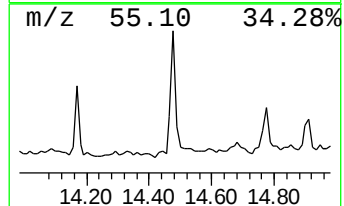
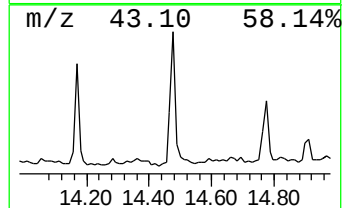
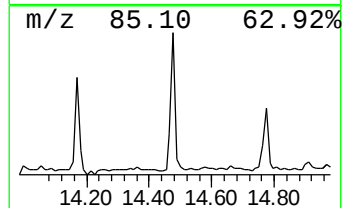
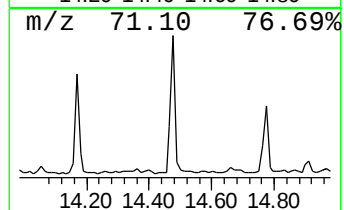
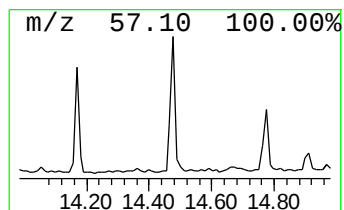
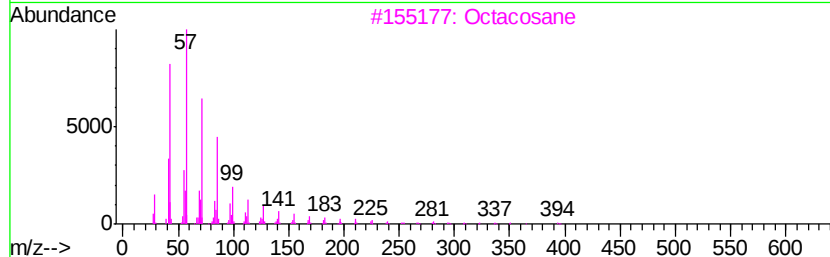
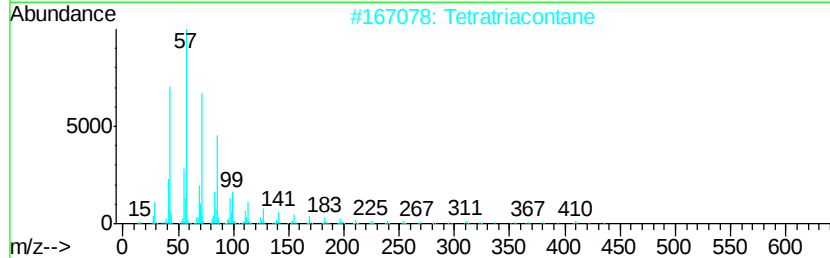
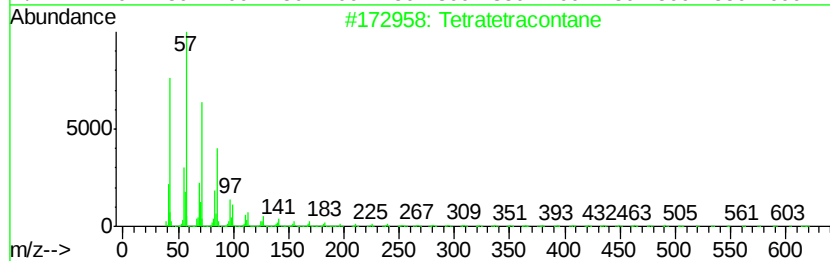
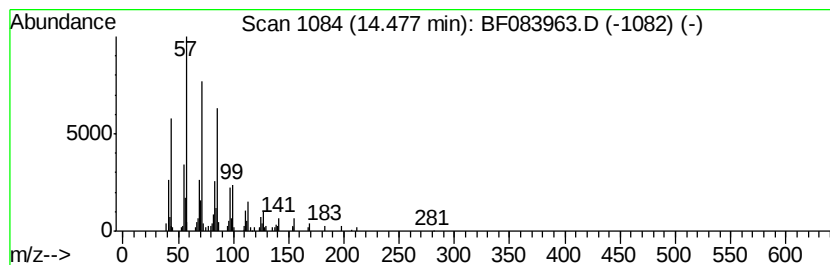
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.07 ng	119833	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Tetratriacontane	479	C34H70	014167-59-0	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Tritetracontane	605	C43H88	007098-21-7	86
5			Heneicosane	296	C21H44	000629-94-7	83



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ALS Vial : 13 Sample Multiplier: 1

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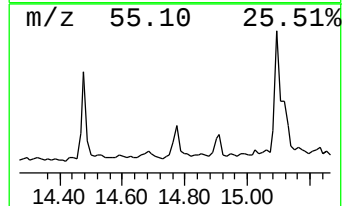
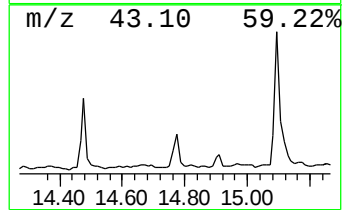
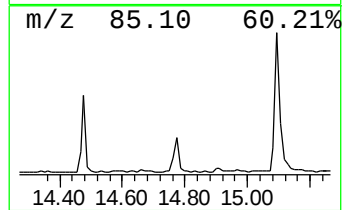
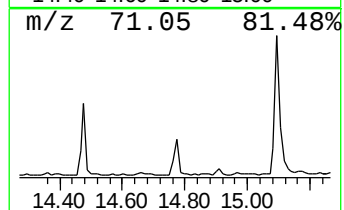
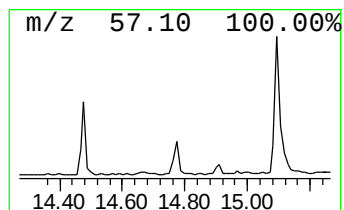
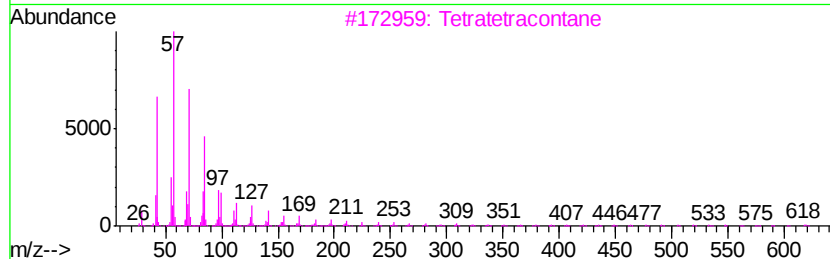
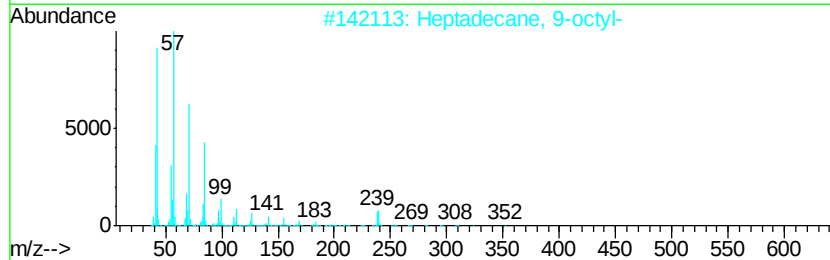
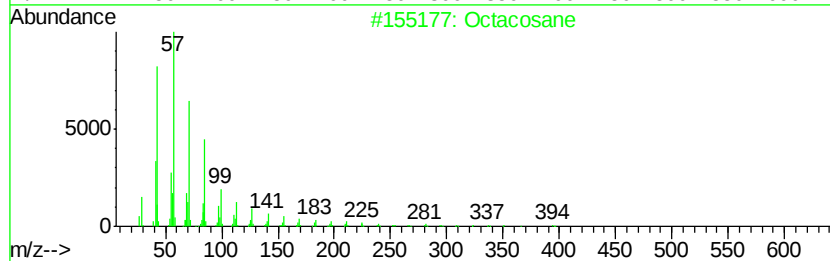
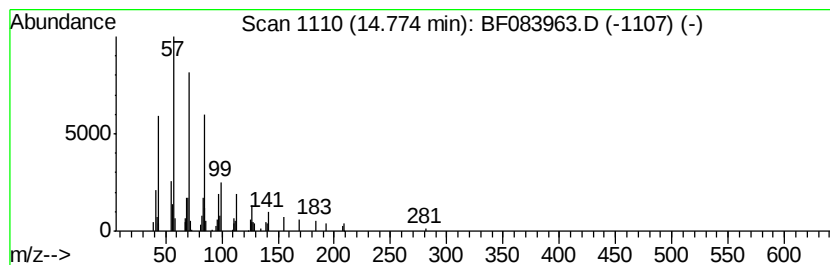
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.35 ng	59185	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083963.D
Acq On : 19 Dec 2015 19:15
Operator : UM/SJ
Sample : G4869-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTCWC-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	30.6	ng	689208	1	6.85	451139	20.0
unknown6.62	6.62	98.3	ng	2218490	1	6.85	451139	20.0
1,1'-Biphenyl, 2,...	11.98	2.4	ng	88635	4	11.37	743309	20.0
Heneicosane	12.08	2.1	ng	77795	4	11.37	743309	20.0
1,1'-Biphenyl, 2,...	12.14	2.6	ng	95121	4	11.37	743309	20.0
1,1'-Biphenyl, 3,...	12.45	2.8	ng	102131	4	11.37	743309	20.0
1,1'-Biphenyl, 2,...	12.50	2.6	ng	96131	4	11.37	743309	20.0
Octadecane	12.83	2.2	ng	65265	5	14.00	589185	20.0
Heptadecane	13.53	2.4	ng	70345	5	14.00	589185	20.0
1-Decanol, 2-hexyl-	13.85	6.9	ng	204463	5	14.00	589185	20.0
Tetratetracontane	14.48	4.1	ng	119833	5	14.00	589185	20.0
Octacosane	14.77	2.4	ng	59185	6	15.44	502723	20.0