

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081157.D
 Acq On : 21 Aug 2015 21:19
 Operator : UM/IZ
 Sample : G3363-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

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-BF081715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	175	177	186	rBB	45060	77801	4.07%	0.240%
2	4.619	237	239	240	rBV	17230	22575	1.18%	0.070%
3	4.676	240	244	252	rVB	1058132	1745007	91.19%	5.392%
4	5.133	281	284	286	rBV	1451000	1913623	100.00%	5.913%
5	5.544	318	320	323	rBV	67399	61343	3.21%	0.190%
6	6.207	375	378	380	rBV	1823973	1892844	98.91%	5.849%
7	6.322	385	388	390	rBV	1892652	1755189	91.72%	5.423%
8	6.550	406	408	410	rBV	385957	436459	22.81%	1.349%
9	6.710	420	422	424	rBV	1519348	1277593	66.76%	3.948%
10	7.122	456	458	461	rBV	899860	1169708	61.13%	3.614%
11	7.842	519	521	522	rBV	758504	653478	34.15%	2.019%
12	7.865	522	523	525	rVB	77282	53760	2.81%	0.166%
13	8.550	581	583	585	rBV	58902	45885	2.40%	0.142%
14	8.653	589	592	594	rBV	26461	36463	1.91%	0.113%
15	8.916	613	615	618	rBV	1578863	1578777	82.50%	4.878%
16	9.179	636	638	640	rBV	17741	24688	1.29%	0.076%
17	9.248	642	644	645	rBV	41146	37441	1.96%	0.116%
18	9.316	648	650	652	rVV	365360	296223	15.48%	0.915%
19	9.362	652	654	657	rVB2	21421	26684	1.39%	0.082%
20	9.442	659	661	663	rVB	25241	19669	1.03%	0.061%
21	9.579	671	673	675	rBV2	620192	638847	33.38%	1.974%
22	9.613	675	676	678	rVB	193392	143565	7.50%	0.444%
23	9.785	688	691	693	rBV	126584	114904	6.00%	0.355%
24	9.922	702	703	707	rVV3	13731	22449	1.17%	0.069%
25	9.991	707	709	712	rVV2	15470	35686	1.86%	0.110%
26	10.036	712	713	715	rVV	44066	31816	1.66%	0.098%
27	10.128	719	721	722	rVV	106209	139742	7.30%	0.432%
28	10.185	722	726	727	rVV	17736	30243	1.58%	0.093%
29	10.253	729	732	733	rVV3	31548	52187	2.73%	0.161%
30	10.276	733	734	738	rVB	26322	40069	2.09%	0.124%
31	10.368	739	742	744	rVV	1155870	1234042	64.49%	3.813%
32	10.425	744	747	749	rVV	44264	55223	2.89%	0.171%
33	10.505	750	754	757	rVV2	67591	92328	4.82%	0.285%
34	10.665	765	768	770	rBV3	33570	63519	3.32%	0.196%

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35	10.745	772	775	777	rVB2	13723	26187	1.37%	0.081%
36	10.813	777	781	784	rBV5	23619	79861	4.17%	0.247%
37	10.859	784	785	788	rVB	75519	61887	3.23%	0.191%
38	10.916	788	790	791	rBV	34210	52317	2.73%	0.162%
39	10.951	791	793	794	rVV	128956	140189	7.33%	0.433%
40	10.973	794	795	799	rVB3	22688	34426	1.80%	0.106%
41	11.053	799	802	803	rBV	717286	802336	41.93%	2.479%
42	11.076	803	804	806	rVV	1389705	1114329	58.23%	3.443%
43	11.122	806	808	810	rVV	366040	357615	18.69%	1.105%
44	11.156	810	811	813	rVV2	32736	39064	2.04%	0.121%
45	11.259	819	820	821	rBV	35253	40912	2.14%	0.126%
46	11.282	821	822	824	rVV	202600	172762	9.03%	0.534%
47	11.351	827	828	829	rVV	34687	30626	1.60%	0.095%
48	11.374	829	830	832	rVV2	61929	71372	3.73%	0.221%
49	11.465	836	838	840	rVB2	16120	20127	1.05%	0.062%
50	11.545	843	845	847	rBV	127454	205047	10.72%	0.634%
51	11.579	847	848	849	rVV	229902	161801	8.46%	0.500%
52	11.614	849	851	853	rVV2	121350	194970	10.19%	0.602%
53	11.659	853	855	859	rVV2	258893	383777	20.05%	1.186%
54	11.751	860	863	864	rBV2	32837	58253	3.04%	0.180%
55	11.774	864	865	867	rVV2	24032	36196	1.89%	0.112%
56	11.842	869	871	875	rVB2	113674	211641	11.06%	0.654%
57	11.991	882	884	886	rBV	44195	56319	2.94%	0.174%
58	12.025	886	887	890	rVB2	39130	56318	2.94%	0.174%
59	12.094	891	893	895	rBV	91336	119923	6.27%	0.371%
60	12.128	895	896	899	rVV2	54483	93686	4.90%	0.289%
61	12.174	899	900	904	rVB2	73254	95321	4.98%	0.295%
62	12.254	904	907	910	rBV	1426493	1443349	75.42%	4.460%
63	12.311	910	912	914	rBV	52437	70710	3.70%	0.218%
64	12.391	917	919	922	rBV2	79990	132002	6.90%	0.408%
65	12.482	924	927	929	rBV	1275409	1608117	84.04%	4.969%
66	12.528	929	931	935	rVB2	73410	86593	4.53%	0.268%
67	12.596	935	937	938	rBV	98745	90502	4.73%	0.280%
68	12.631	938	940	943	rVB	1157204	1548545	80.92%	4.785%
69	12.699	943	946	948	rBV3	89617	154933	8.10%	0.479%
70	12.802	951	955	957	rVB2	183832	299615	15.66%	0.926%
71	12.871	959	961	962	rBV	156608	137423	7.18%	0.425%

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72	12.905	962	964	966	rVV	145441	158762	8.30%	0.491%
73	12.997	970	972	973	rBV	87613	89547	4.68%	0.277%
74	13.031	973	975	978	rVB2	46773	58925	3.08%	0.182%
75	13.305	997	999	1002	rVB	89171	82849	4.33%	0.256%
76	13.419	1006	1009	1010	rBV2	93869	163239	8.53%	0.504%
77	13.557	1019	1021	1025	rBV2	81851	182793	9.55%	0.565%
78	13.659	1027	1030	1035	rVV3	751698	1898952	99.23%	5.867%
79	13.762	1037	1039	1041	rVV2	61046	91751	4.79%	0.283%
80	14.048	1062	1064	1066	rBV	89409	109135	5.70%	0.337%
81	14.437	1096	1098	1102	rBV2	94655	137431	7.18%	0.425%
82	14.654	1115	1117	1121	rVB	505646	852462	44.55%	2.634%
83	14.894	1136	1138	1141	rVB	228400	335892	17.55%	1.038%
84	14.951	1141	1143	1145	rVV	425270	472954	24.72%	1.461%
85	15.008	1145	1148	1156	rVB2	300202	698124	36.48%	2.157%
86	16.185	1248	1251	1254	rVB2	167980	305018	15.94%	0.942%
87	16.323	1261	1263	1265	rBV	31808	53321	2.79%	0.165%
88	16.368	1265	1267	1278	rVB2	52708	179663	9.39%	0.555%
89	16.540	1278	1282	1289	rVB	116901	259012	13.54%	0.800%
90	16.723	1295	1298	1305	rVB2	35470	81911	4.28%	0.253%
91	18.460	1447	1450	1454	rBV2	15957	43345	2.27%	0.134%

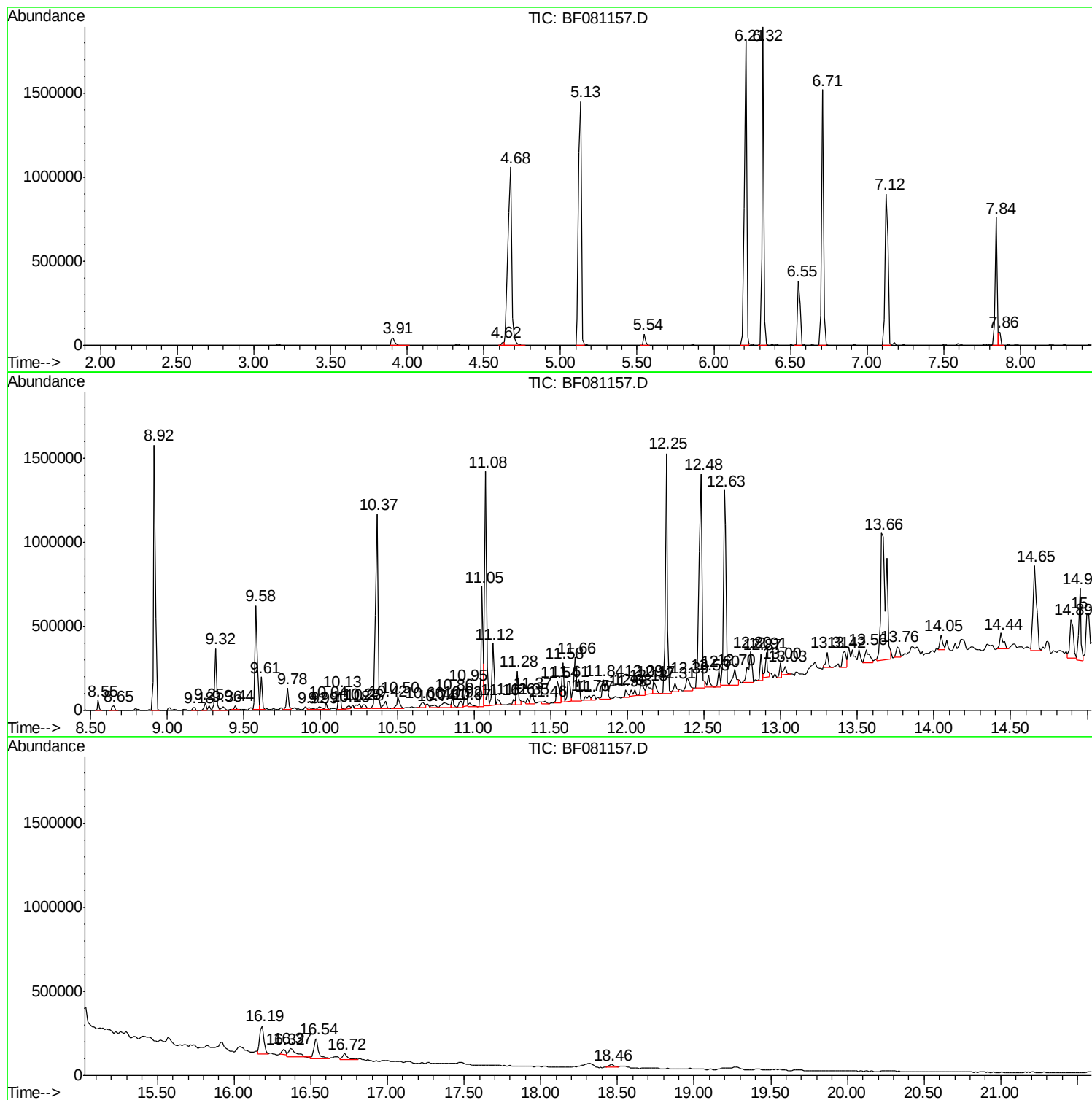
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ClientSampled :
TEC-C1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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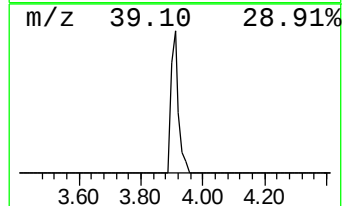
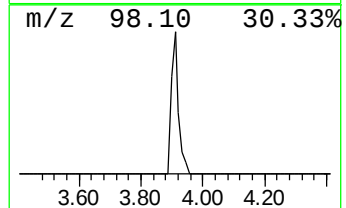
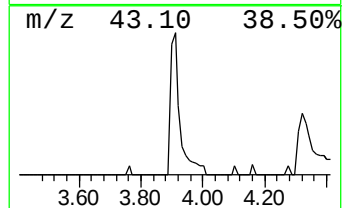
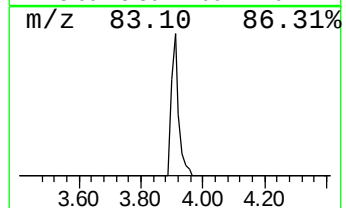
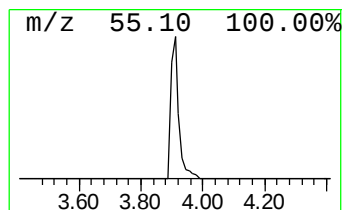
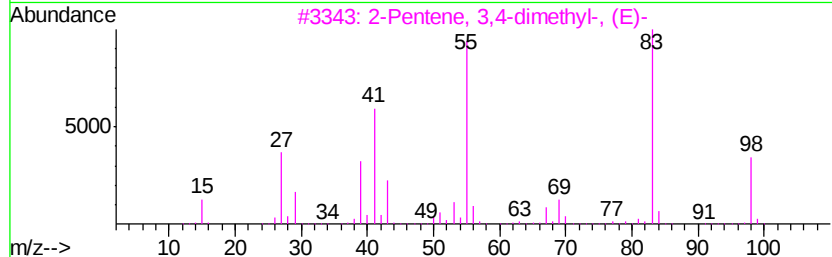
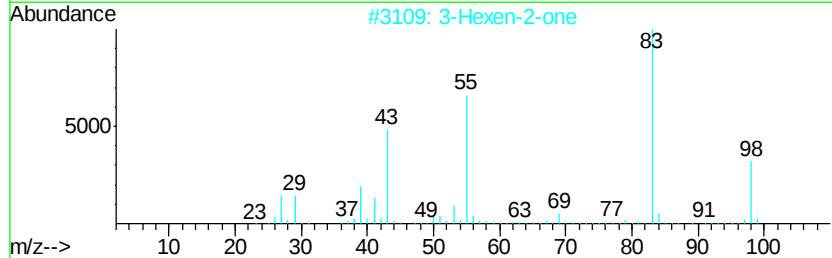
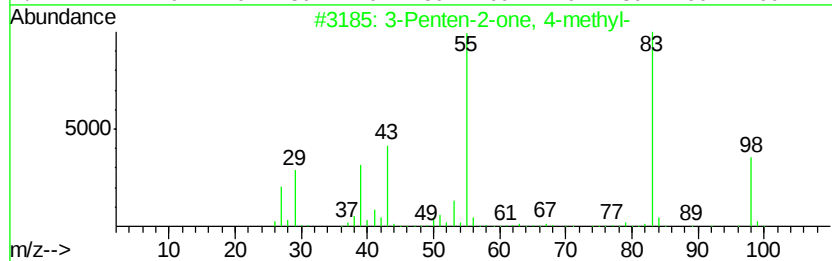
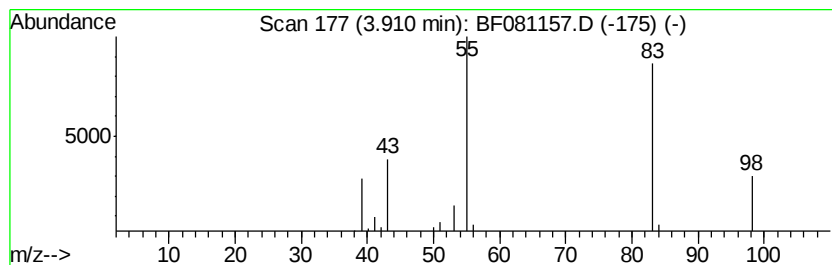
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	3.57 ng	77801	1,4-Dichlorobenzene-d4	6.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	86
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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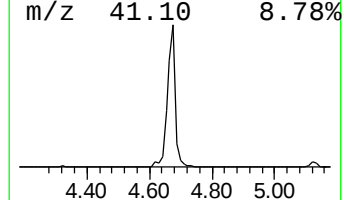
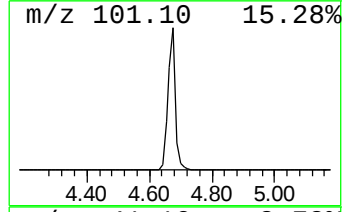
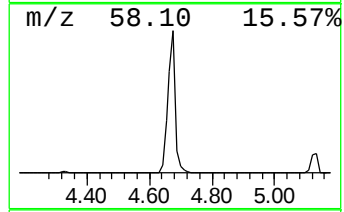
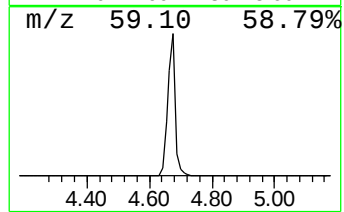
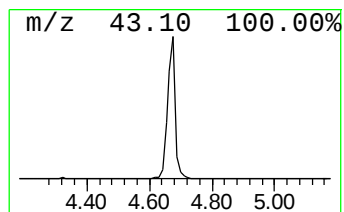
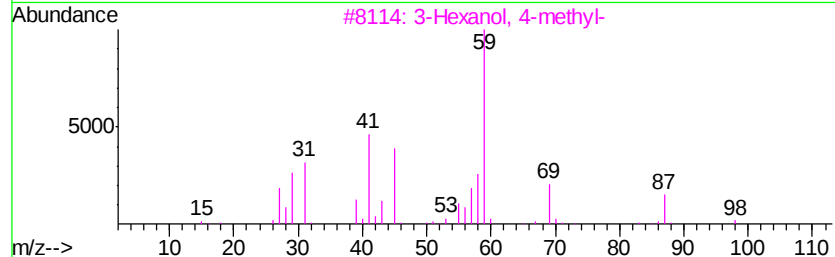
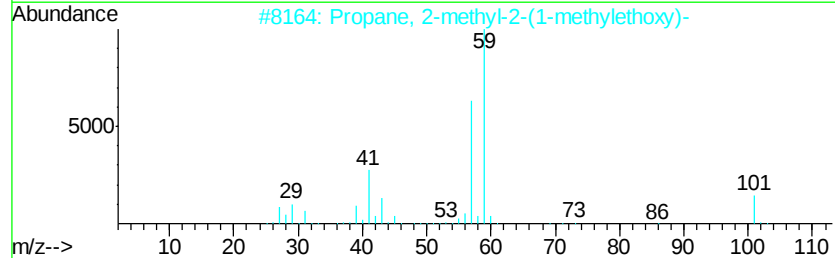
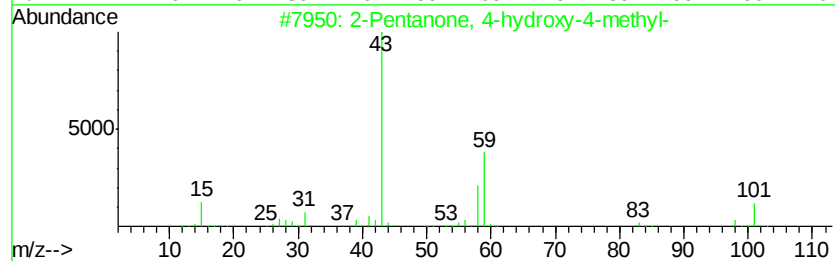
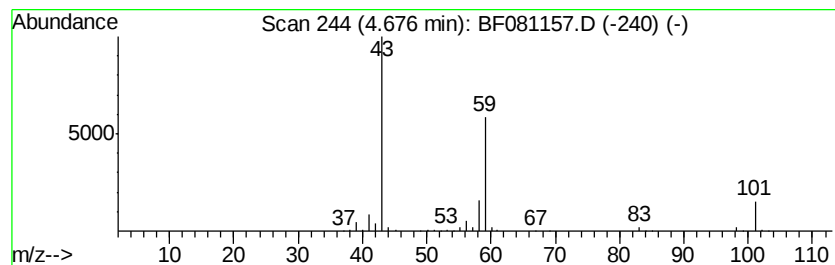
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	79.96 ng	1745010	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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	23



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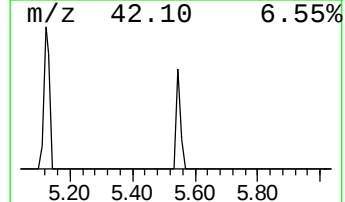
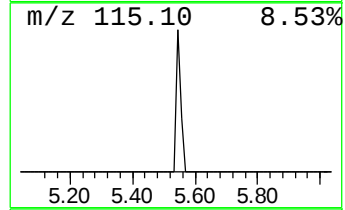
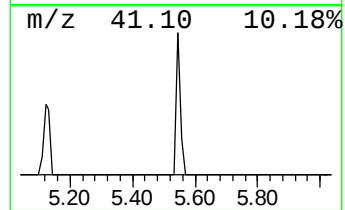
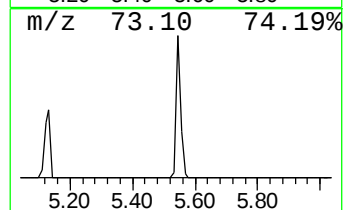
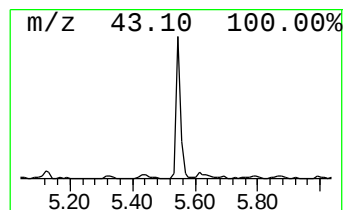
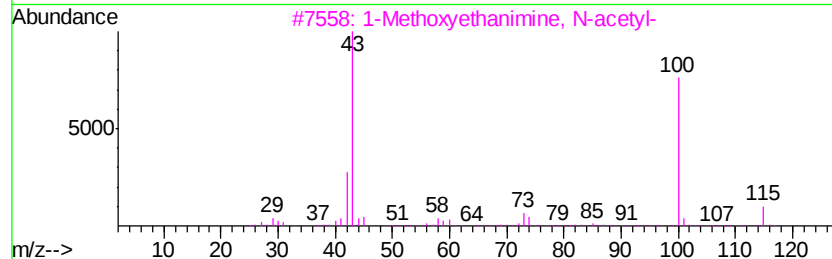
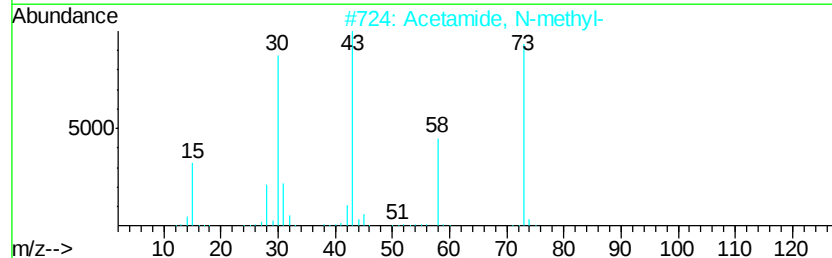
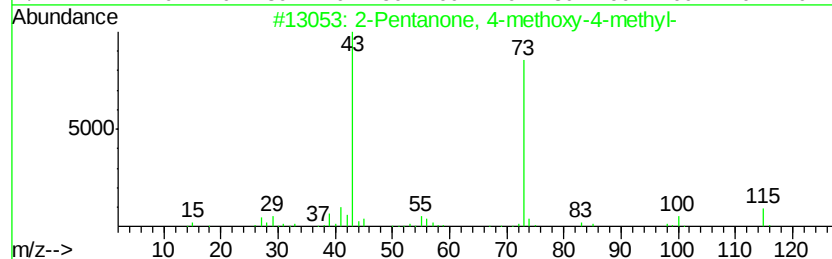
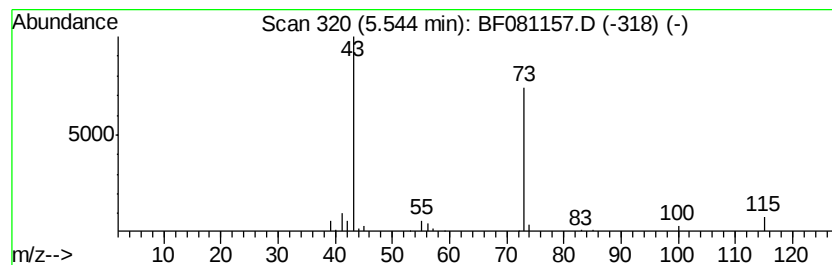
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	2.81 ng	61343	1,4-Dichlorobenzene-d4	6.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
3		1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
4		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5		Hexane, 2-methyl-	100	C7H16	000591-76-4	9



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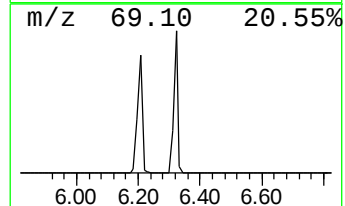
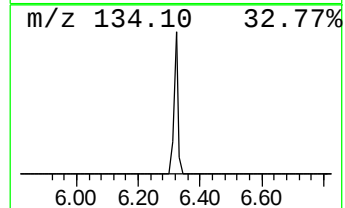
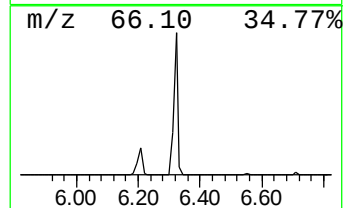
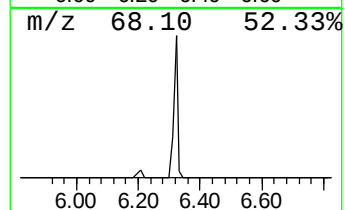
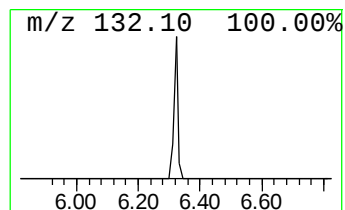
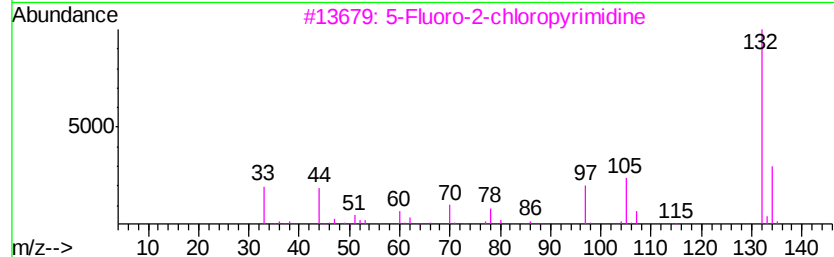
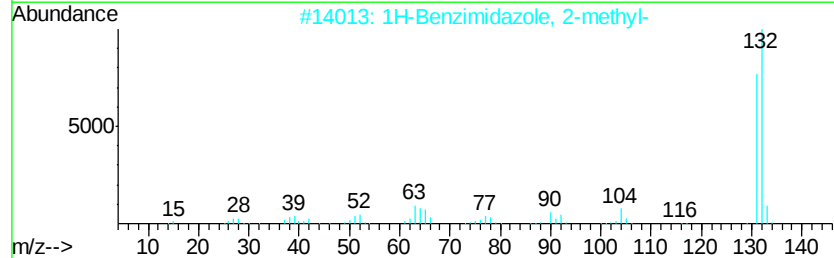
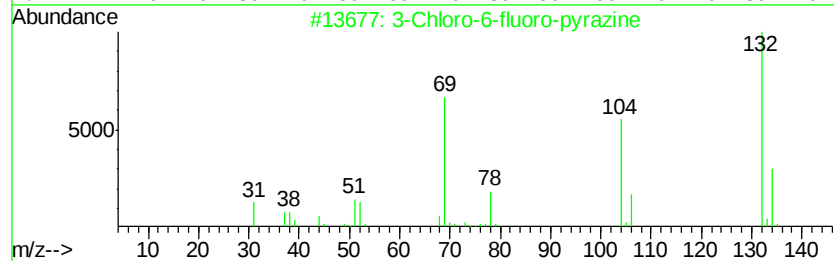
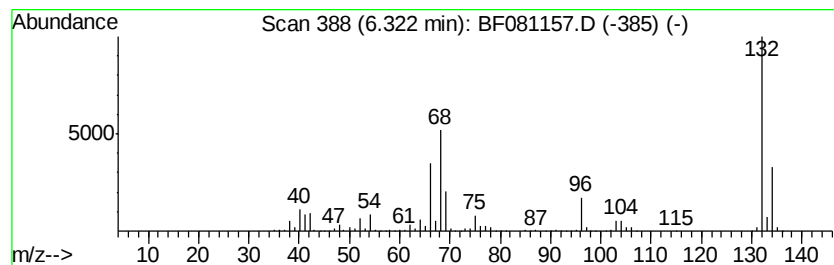
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	80.43 ng	1755190	1,4-Dichlorobenzene-d4	6.55

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	25
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

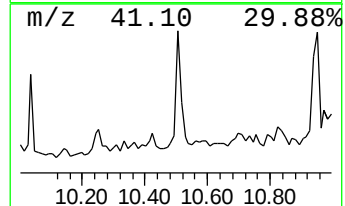
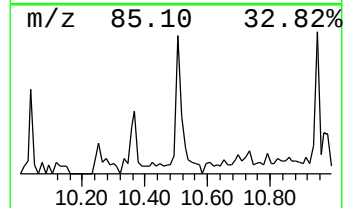
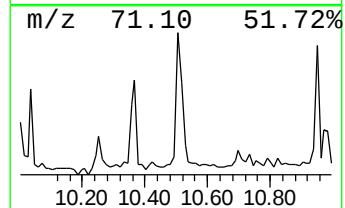
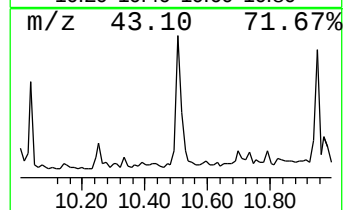
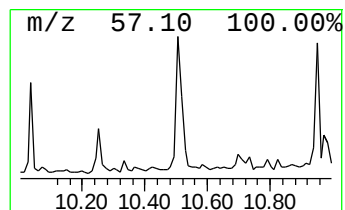
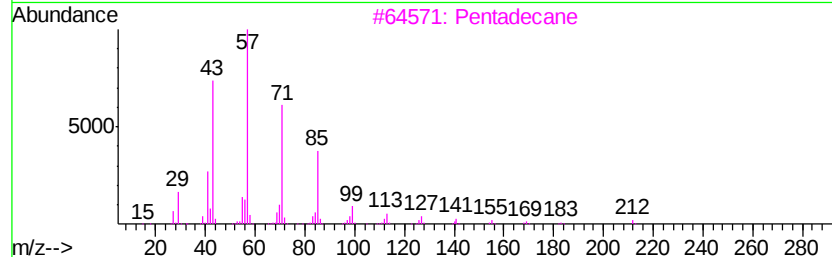
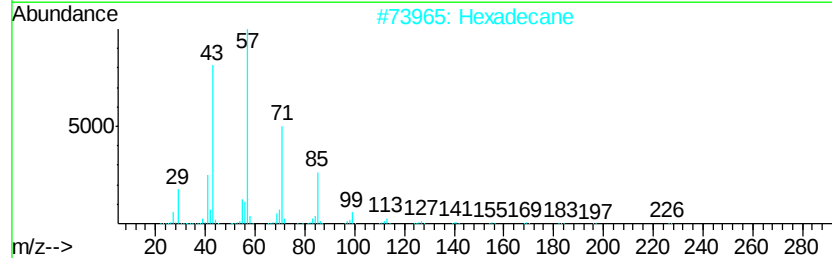
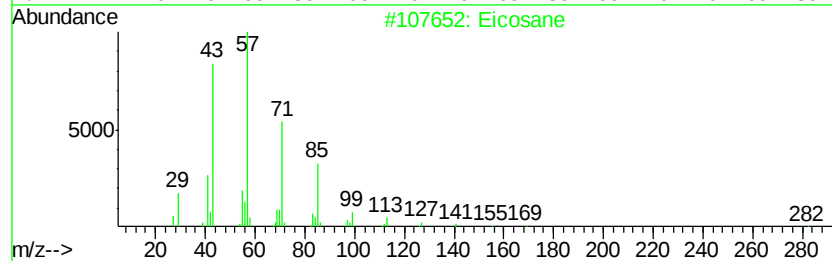
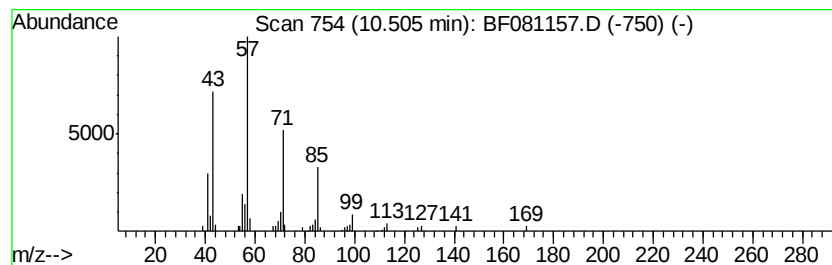
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.30 ng	92328	Phenanthrene-d10	11.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Hexadecane	226 C16H34	000544-76-3	91
3	Pentadecane	212 C15H32	000629-62-9	90
4	Tridecane	184 C13H28	000629-50-5	90
5	Tetradecane	198 C14H30	000629-59-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
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Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

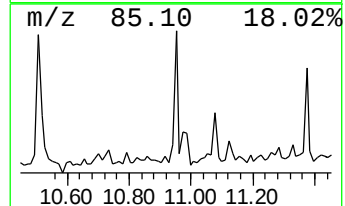
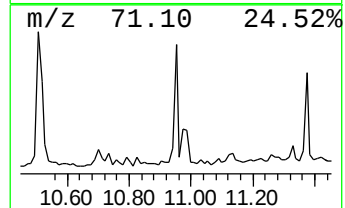
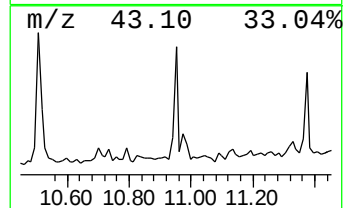
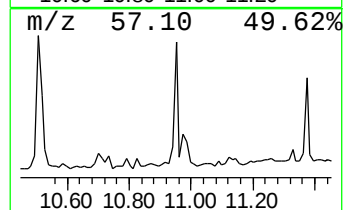
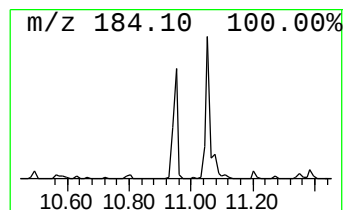
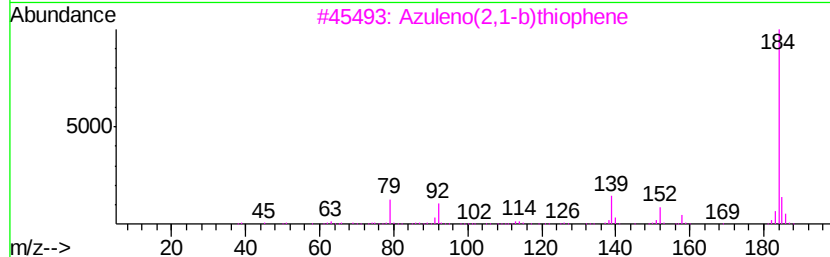
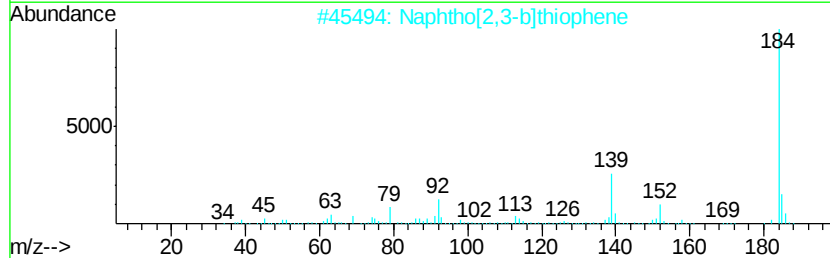
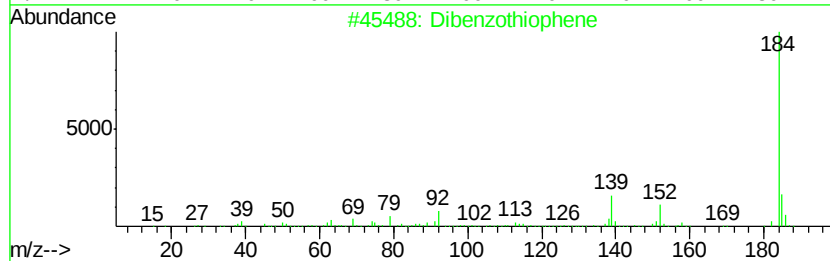
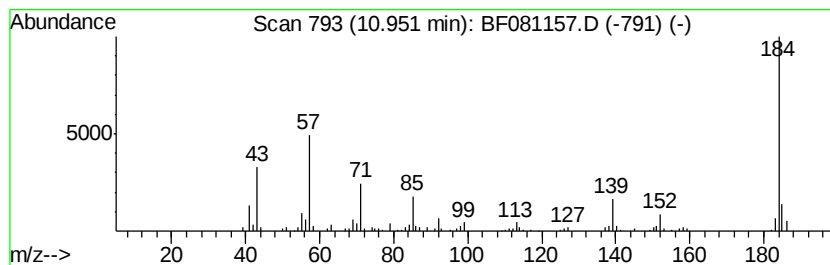
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	3.49 ng	140189	Phenanthrene-d10	11.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzothiophene	184 C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184 C12H8S	000268-77-9	76
3	Azuleno(2,1-b)thiophene	184 C12H8S	000248-13-5	76
4	Naphthalene, 2-ethenyl-6-methoxy-	184 C13H12O	063444-51-9	58
5	2-Dibenzofuranol	184 C12H8O2	000086-77-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
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Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
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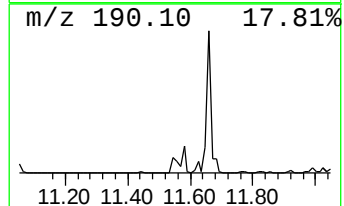
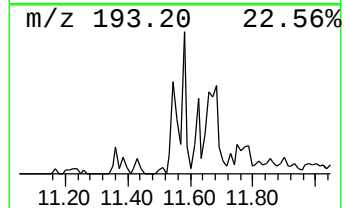
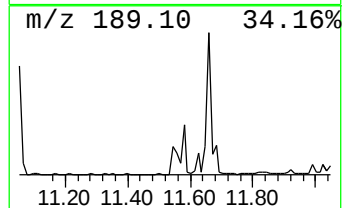
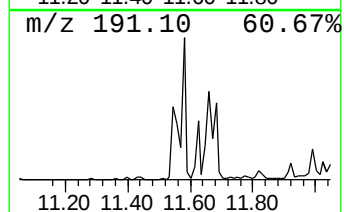
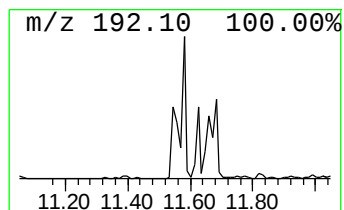
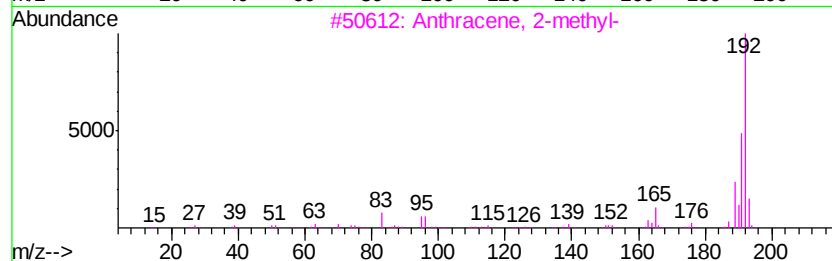
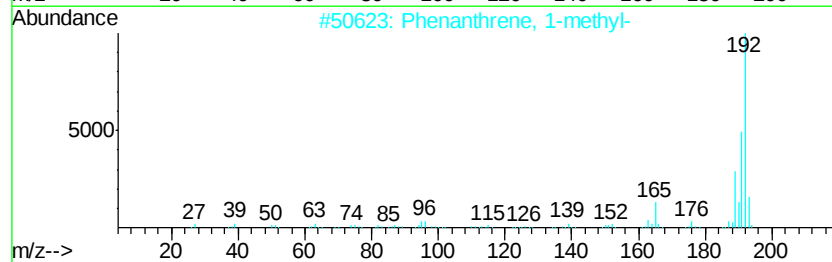
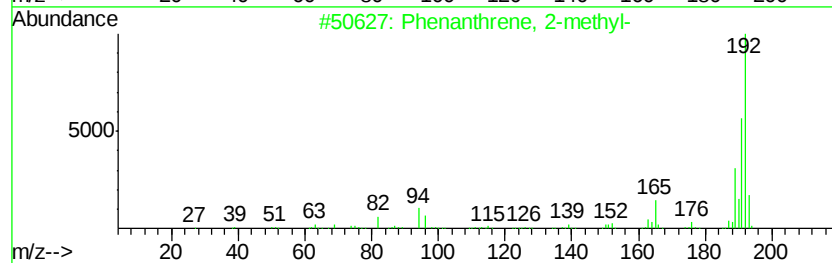
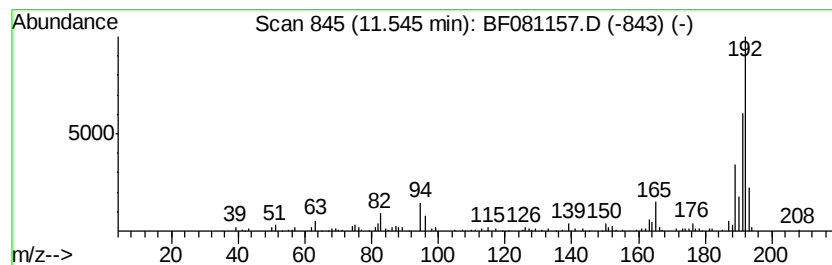
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.55	5.11 ng	205047	Phenanthrene-d10	11.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
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Sample : G3363-02
Misc :
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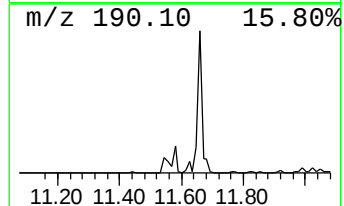
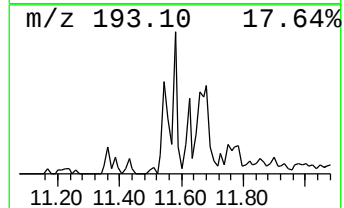
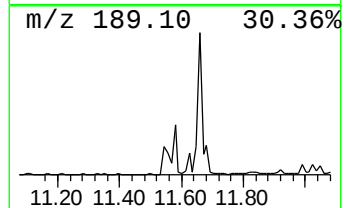
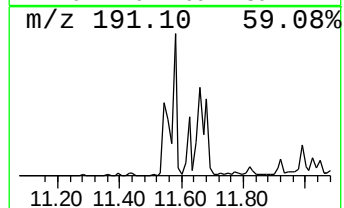
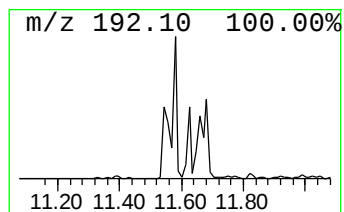
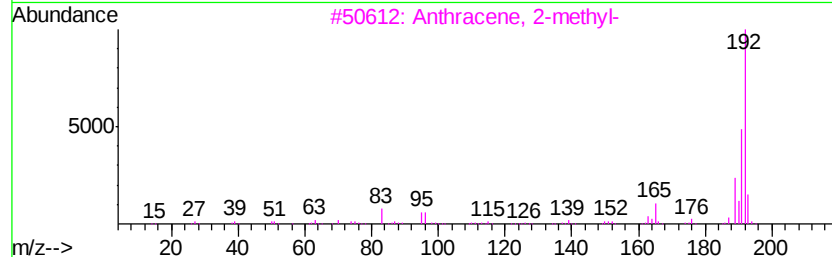
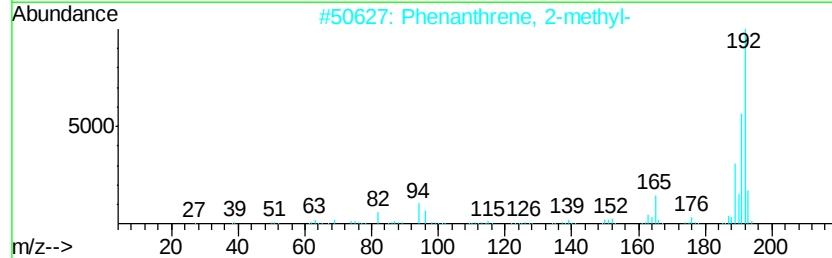
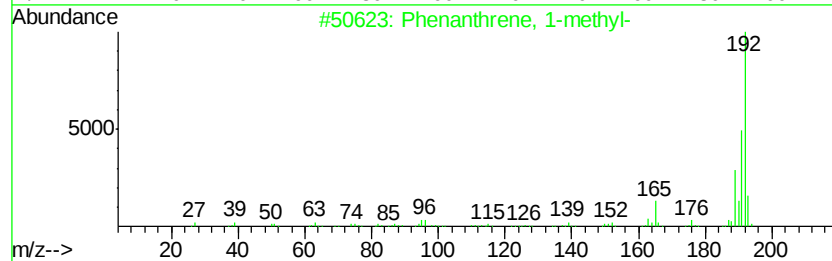
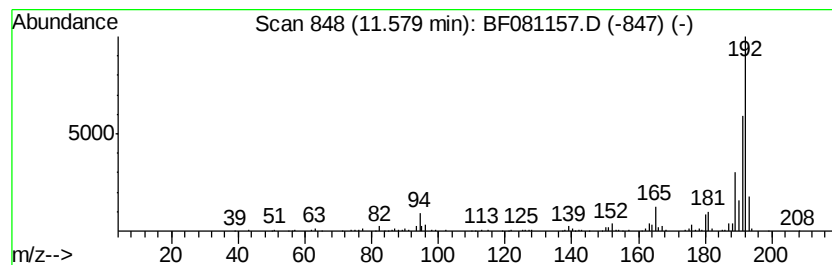
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.58	4.03 ng	161801	Phenanthrene-d10		11.05
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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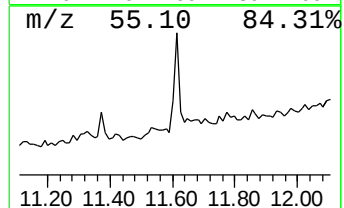
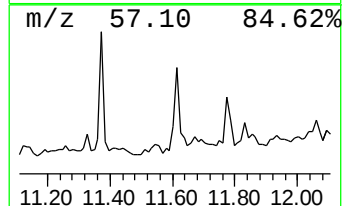
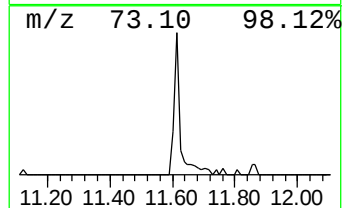
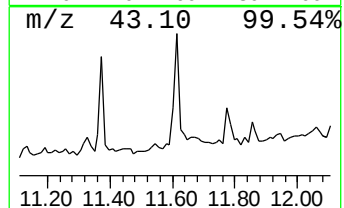
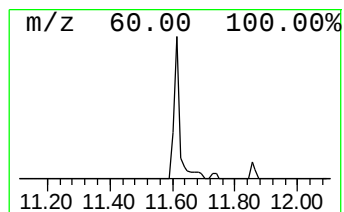
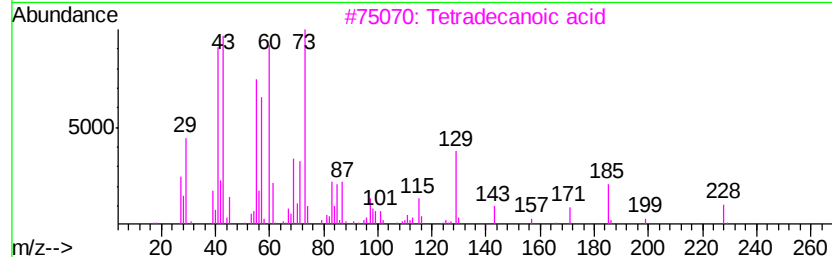
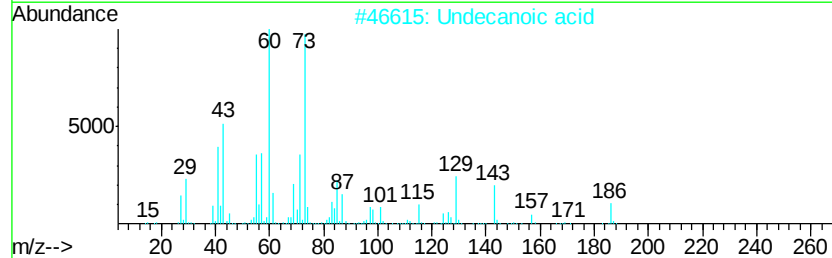
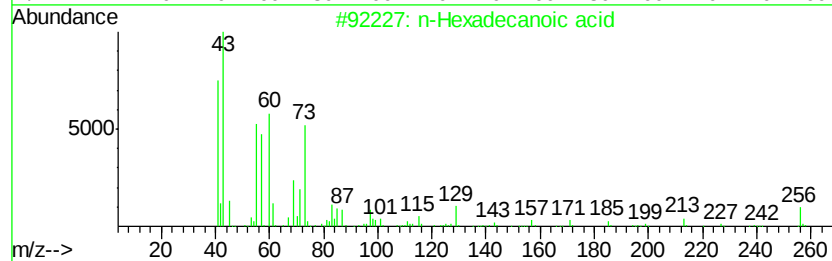
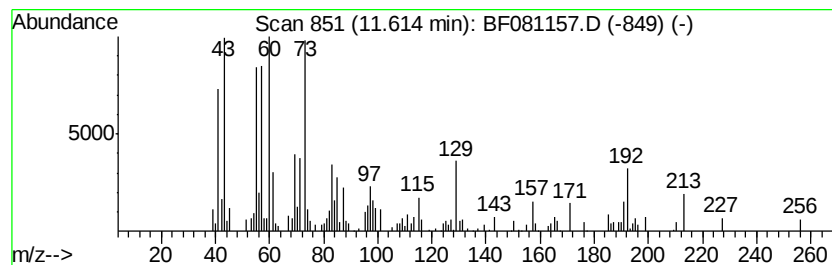
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.86 ng	194970	Phenanthrene-d10	11.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Undecanoic acid	186	C11H22O2	000112-37-8	70
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	58
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
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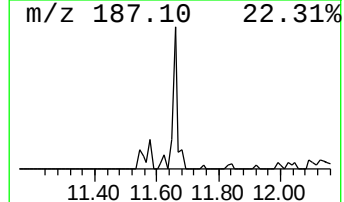
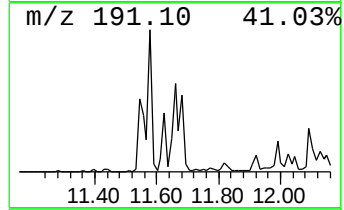
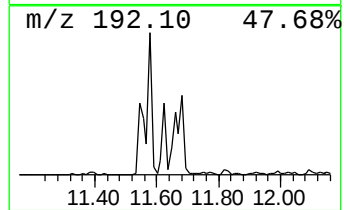
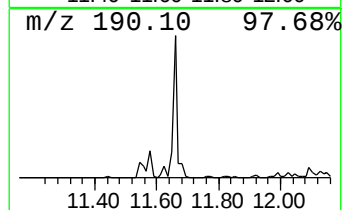
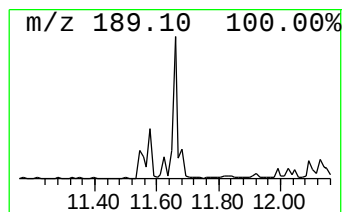
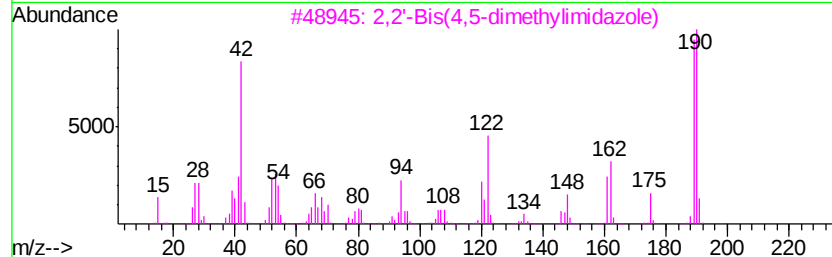
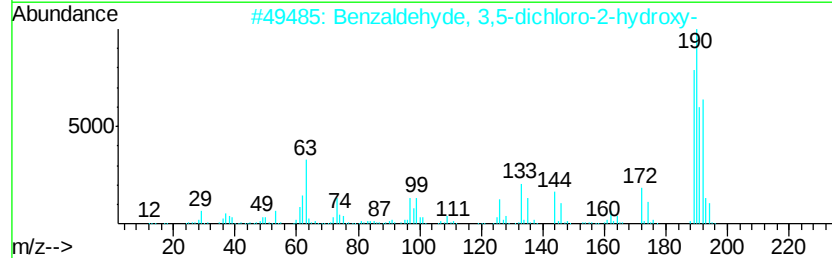
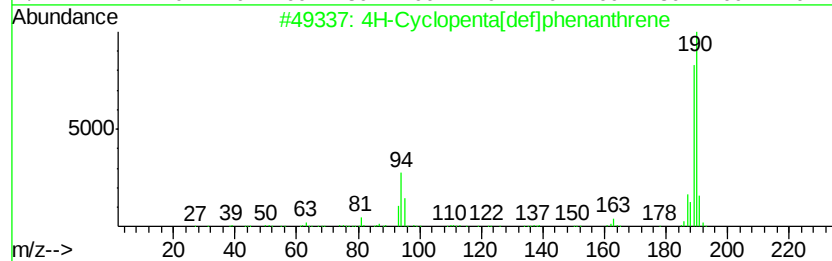
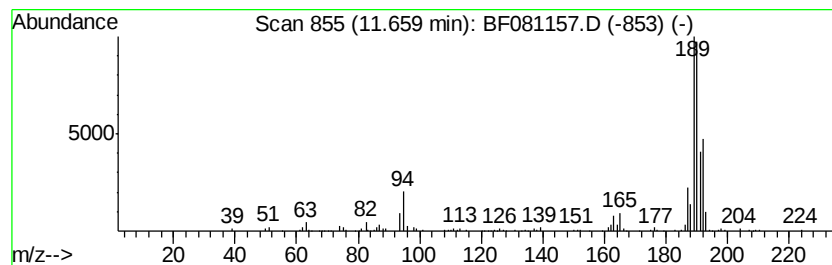
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	9.57 ng	383777	Phenanthrene-d10	11.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17
5	2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

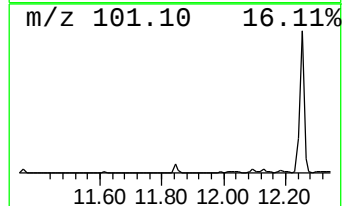
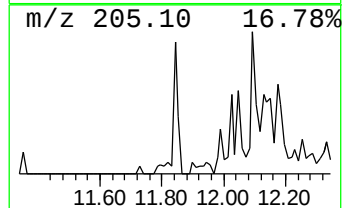
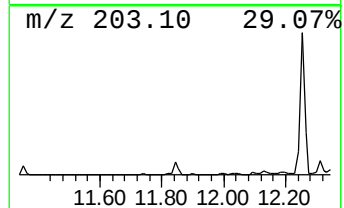
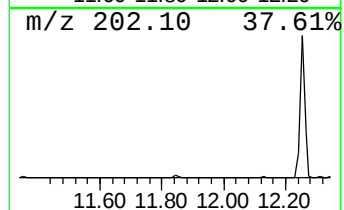
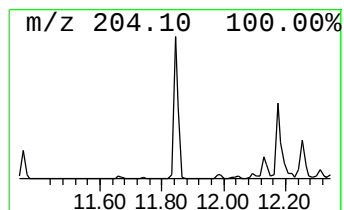
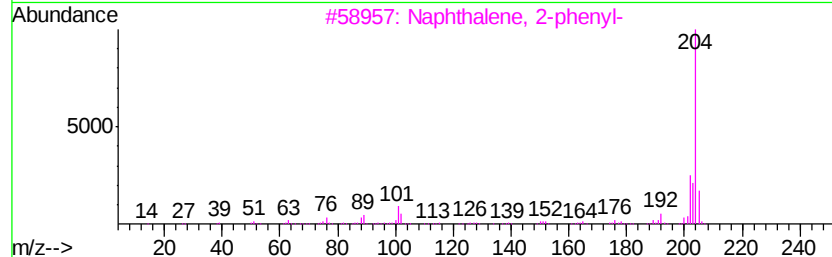
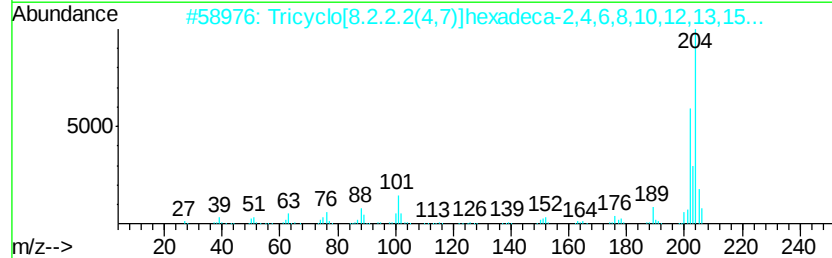
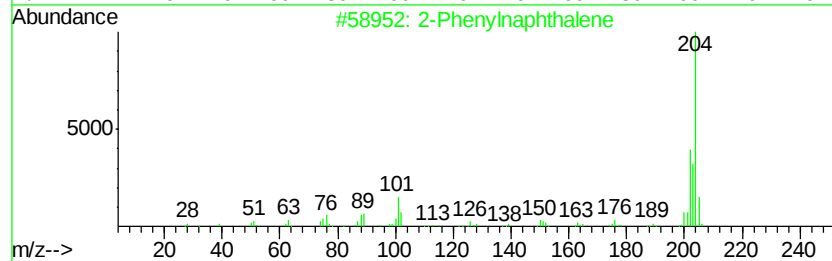
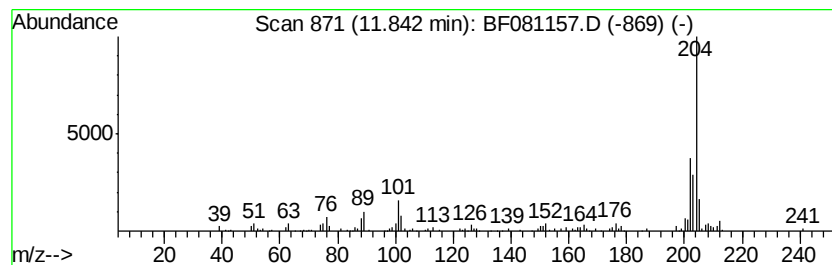
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Phenylnaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.84	5.28 ng	211641	Phenanthrene-d10		11.05
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

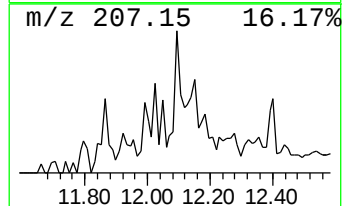
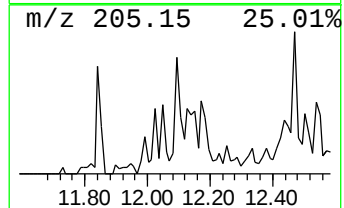
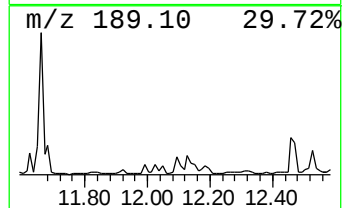
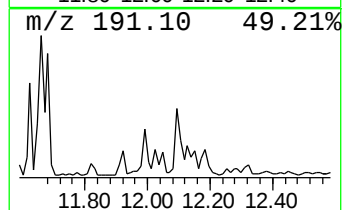
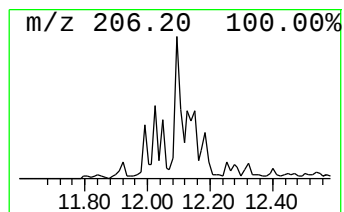
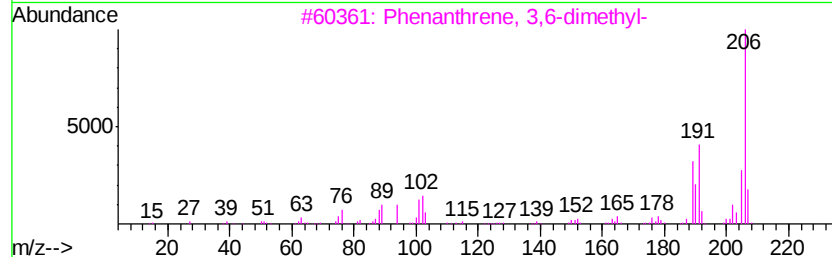
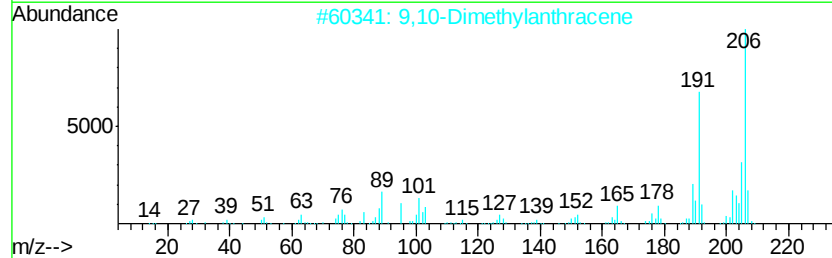
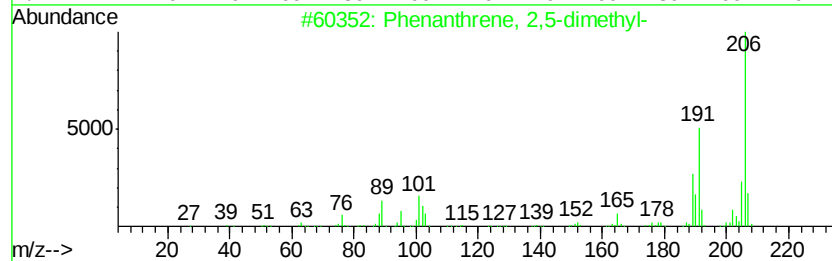
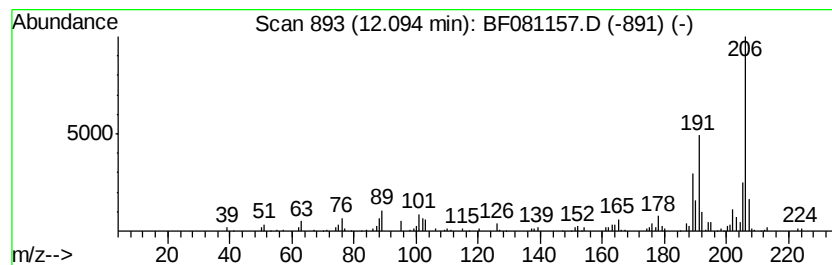
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.09	2.99 ng	119923	Phenanthrene-d10	11.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

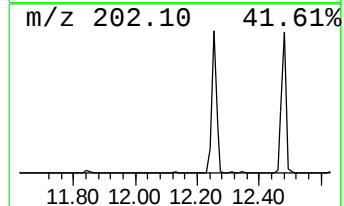
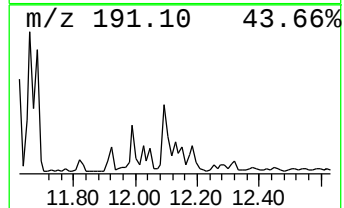
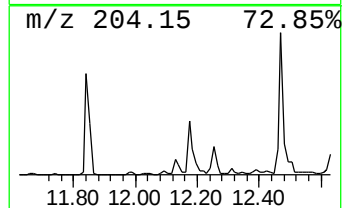
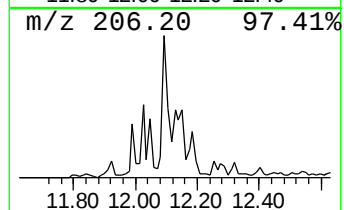
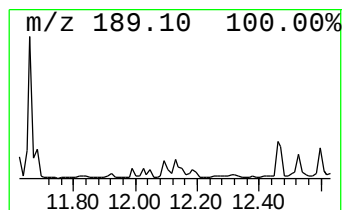
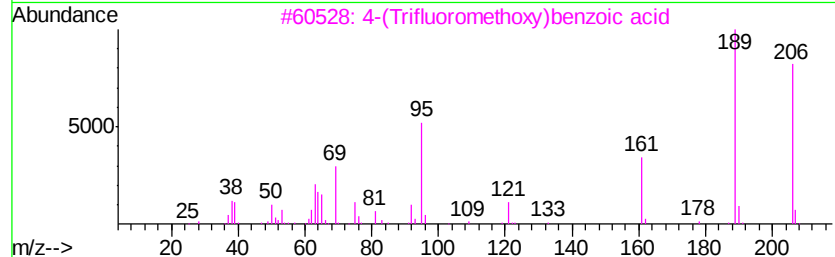
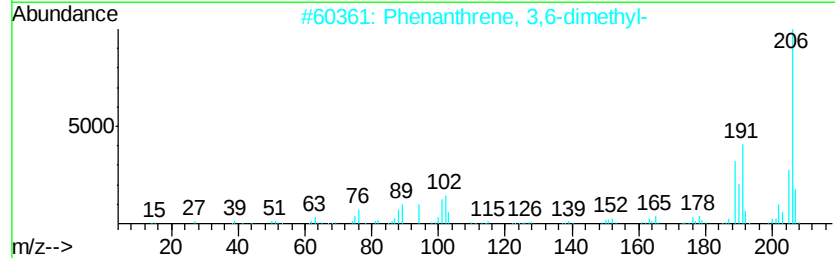
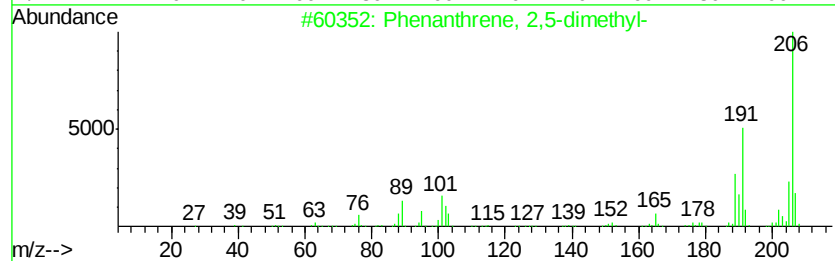
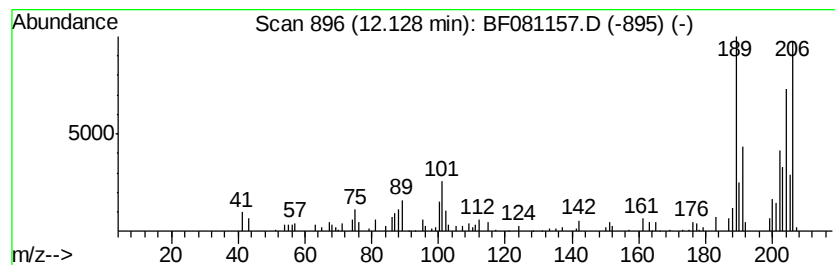
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.13 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.13	2.34 ng	93686	Phenanthrene-d10		11.05
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
4	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	37
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
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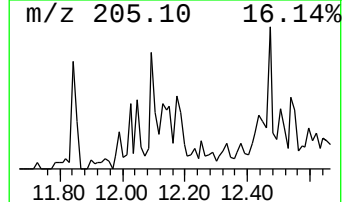
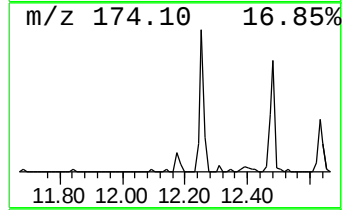
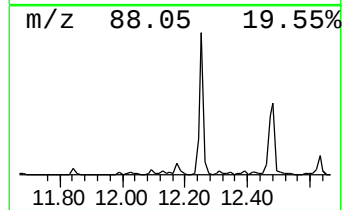
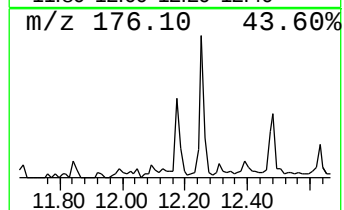
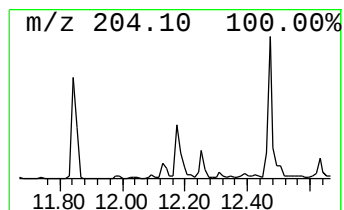
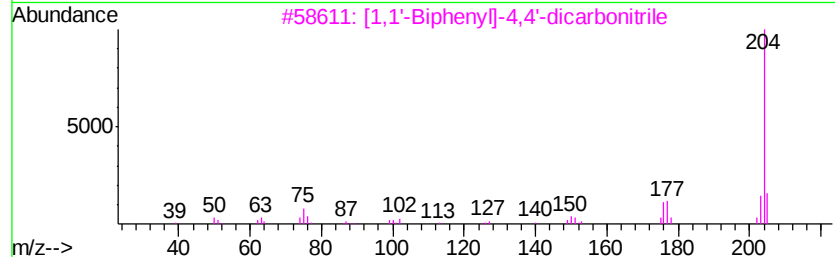
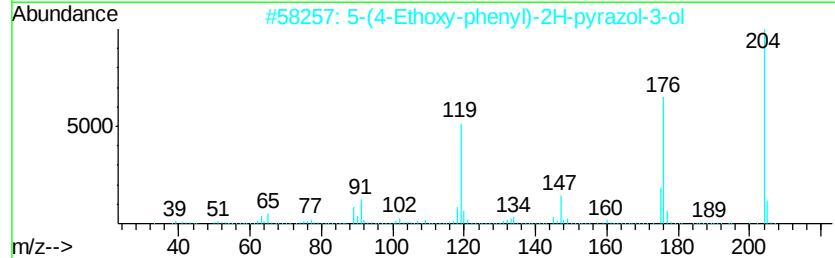
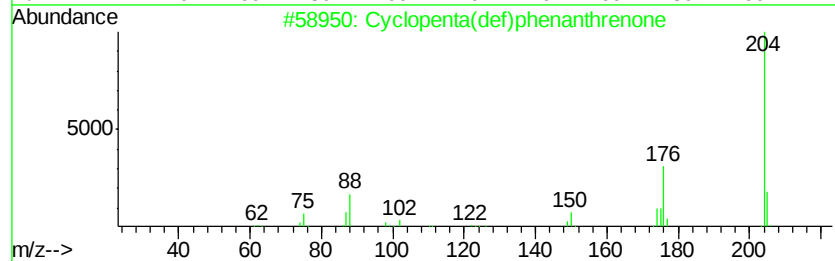
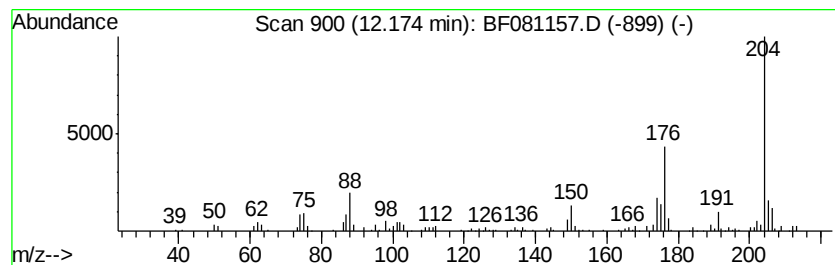
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.17	2.38 ng	95321	Phenanthrene-d10		11.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2			5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TEC-C1

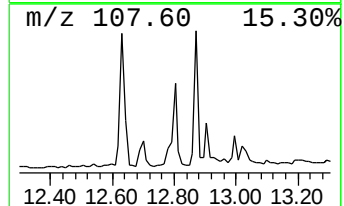
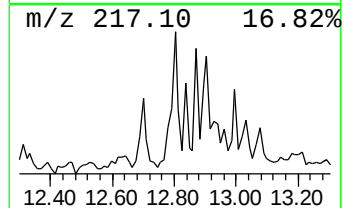
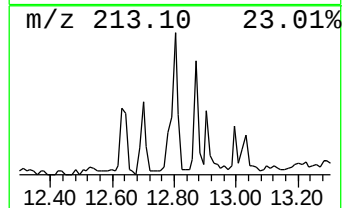
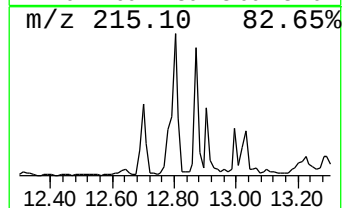
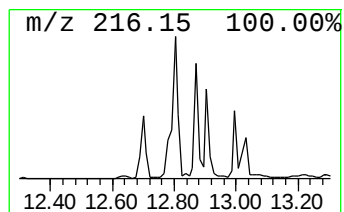
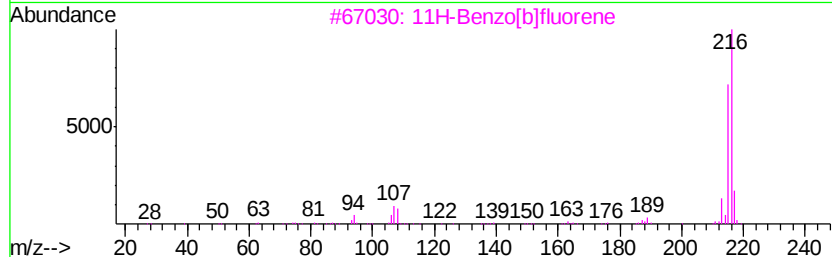
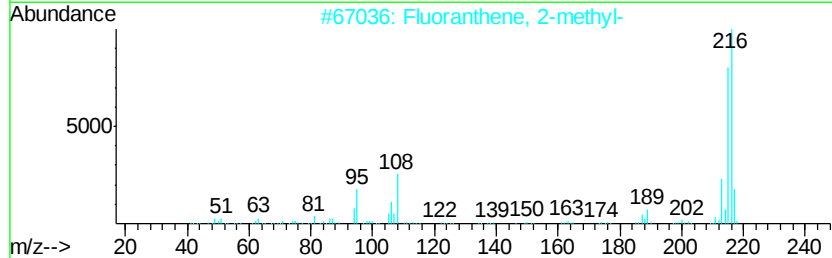
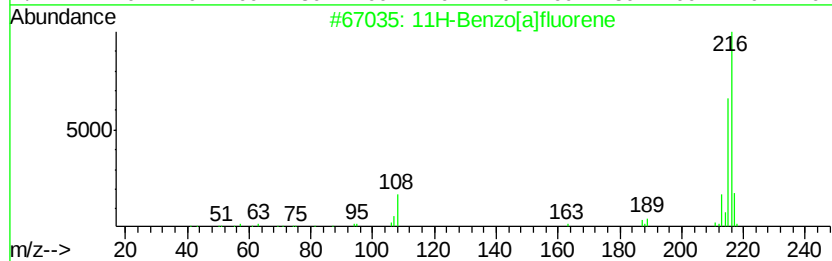
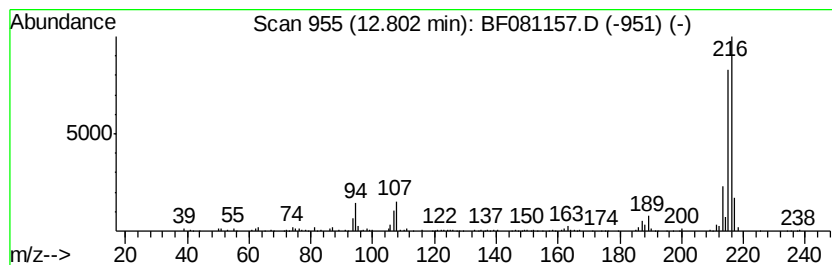
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.16 ng	299615	Chrysene-d12	13.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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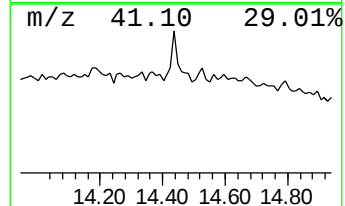
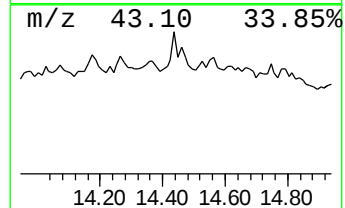
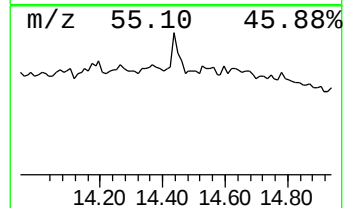
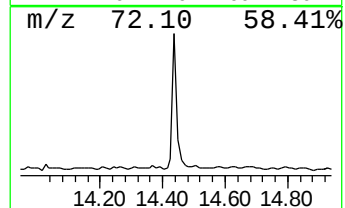
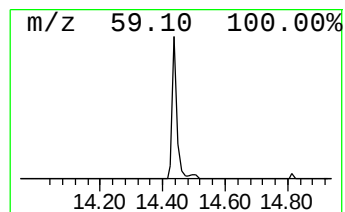
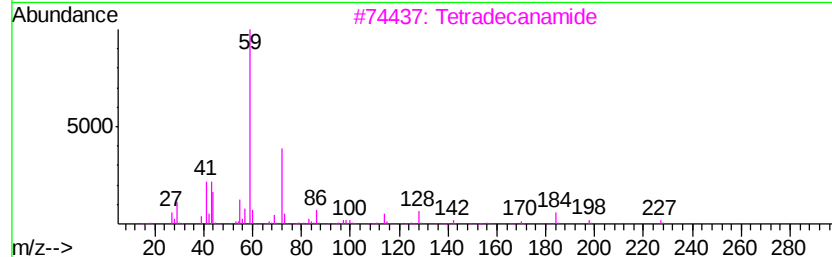
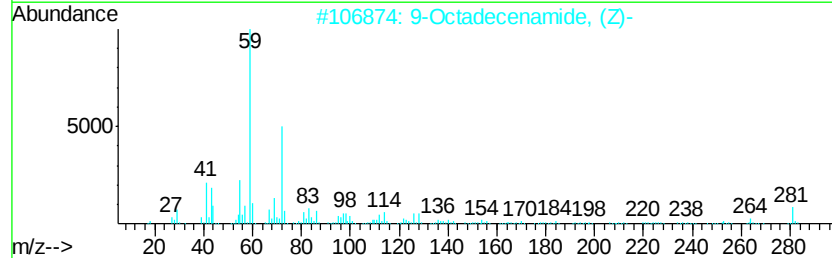
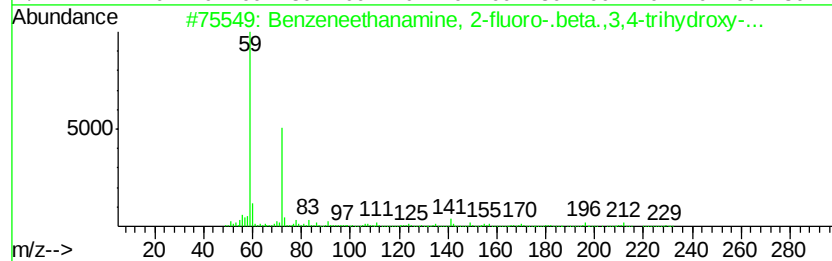
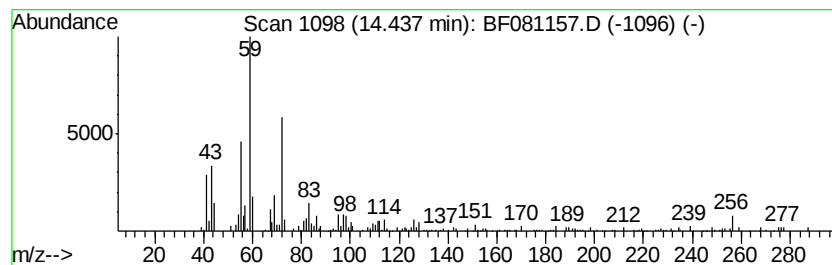
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzeneethanamine, 2-fluoro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.94 ng	137431	Perylene-d12	15.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	83
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	80
3			Tetradecanamide	227	C14H29NO	000638-58-4	58
4			Decanamide-	171	C10H21NO	002319-29-1	53
5			Oxirane, tetramethyl-	100	C6H12O	005076-20-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
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ALS Vial : 14 Sample Multiplier: 1

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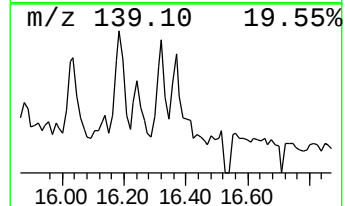
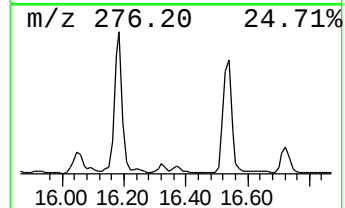
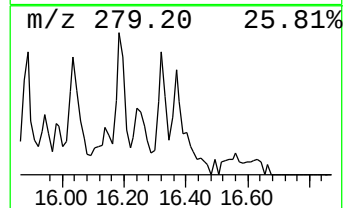
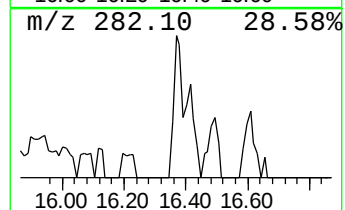
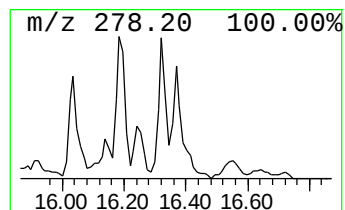
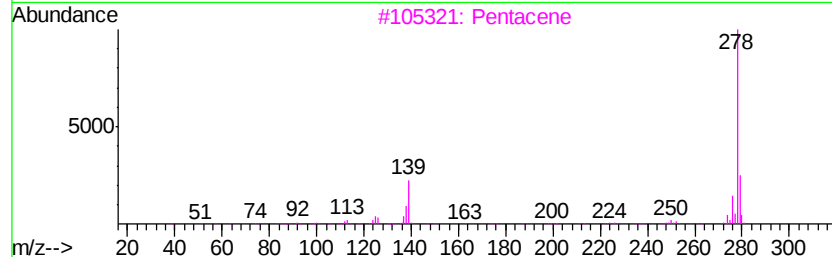
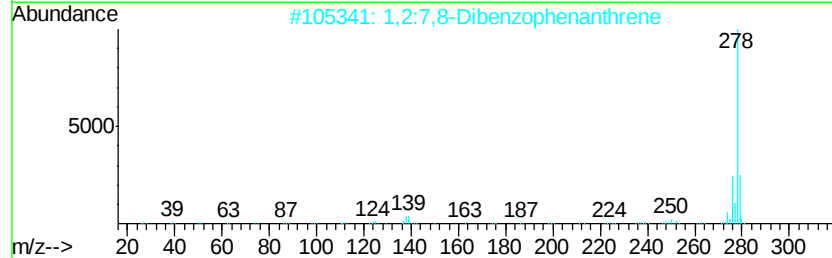
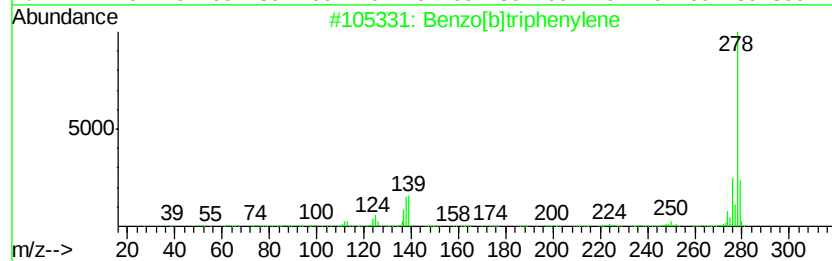
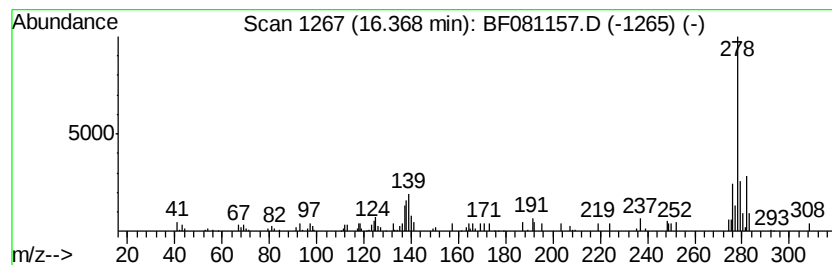
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	5.15 ng	179663	Perylene-d12	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	64
3		Pentacene	278	C22H14	000135-48-8	58
4		Pentaphene	278	C22H14	000222-93-5	58
5		Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081157.D
Acq On : 21 Aug 2015 21:19
Operator : UM/IZ
Sample : G3363-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C1

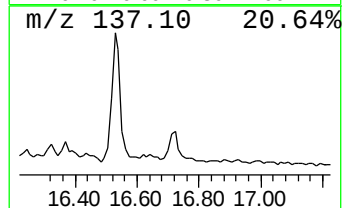
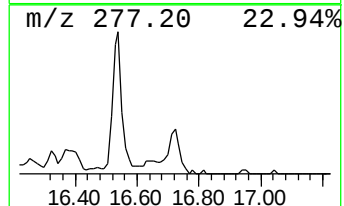
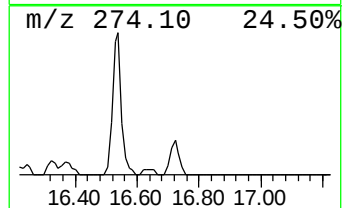
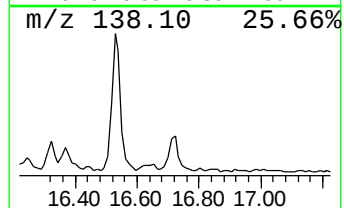
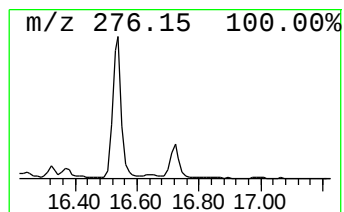
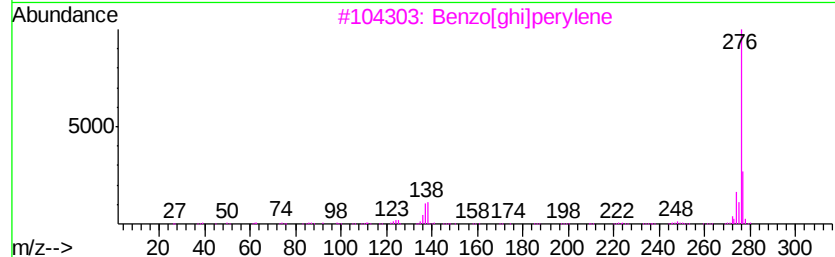
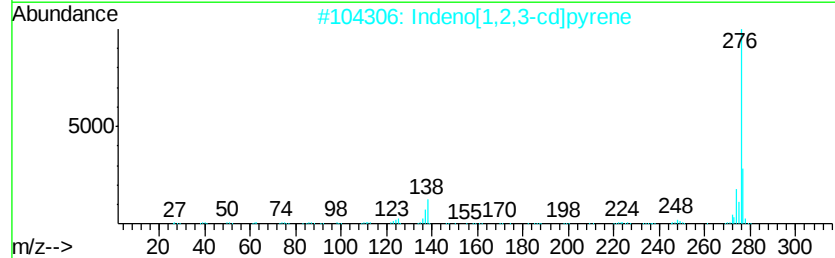
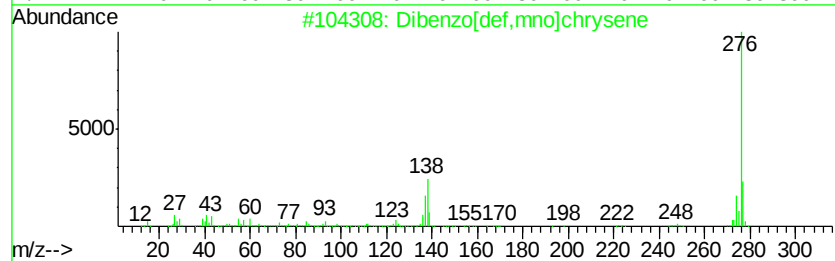
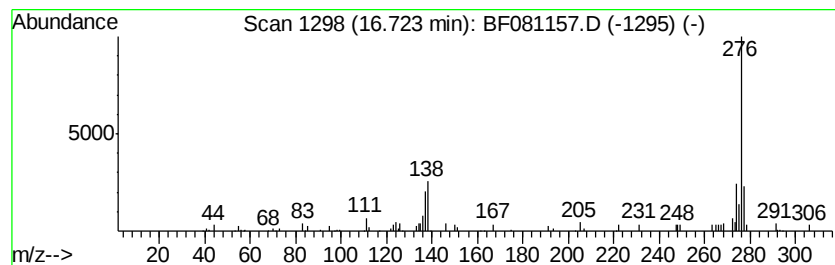
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.35 ng	81911	Perylene-d12	15.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
 Data File : BF081157.D
 Acq On : 21 Aug 2015 21:19
 Operator : UM/IZ
 Sample : G3363-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-C1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
3-Penten-2-one, 4...	3.91	3.6 ng		77801	1	6.55	436459	20.0
2-Pentanone, 4-hy...	4.68	80.0 ng		1745010	1	6.55	436459	20.0
2-Pentanone, 4-me...	5.54	2.8 ng		61343	1	6.55	436459	20.0
unknown6.32	6.32	80.4 ng		1755190	1	6.55	436459	20.0
Eicosane	10.50	2.3 ng		92328	4	11.05	802336	20.0
Dibenzothiophene	10.95	3.5 ng		140189	4	11.05	802336	20.0
Phenanthrene, 2-m...	11.55	5.1 ng		205047	4	11.05	802336	20.0
Phenanthrene, 1-m...	11.58	4.0 ng		161801	4	11.05	802336	20.0
n-Hexadecanoic acid	11.61	4.9 ng		194970	4	11.05	802336	20.0
4H-Cyclopenta[def...	11.66	9.6 ng		383777	4	11.05	802336	20.0
2-Phenylnaphthalene	11.84	5.3 ng		211641	4	11.05	802336	20.0
Phenanthrene, 2,5...	12.09	3.0 ng		119923	4	11.05	802336	20.0
unknown12.13	12.13	2.3 ng		93686	4	11.05	802336	20.0
Cyclopenta(def)ph...	12.17	2.4 ng		95321	4	11.05	802336	20.0
11H-Benzo[a]fluorene	12.80	3.2 ng		299615	5	13.67	1898950	20.0
Benzeneethanamine...	14.44	3.9 ng		137431	6	15.01	698124	20.0
Benzo[b]triphenylene	16.37	5.2 ng		179663	6	15.01	698124	20.0
Dibenzo[def,mno]c...	16.72	2.4 ng		81911	6	15.01	698124	20.0