

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081763.D
 Acq On : 23 Sep 2015 9:29
 Operator : UM/IZ
 Sample : G3747-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

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-BF090115.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.178	6	8	11	rBV	860070	946703	10.52%	1.356%
2	1.441	29	31	37	rBV	80938	223503	2.48%	0.320%
3	1.533	37	39	76	rVB	807760	2975296	33.05%	4.261%
4	3.224	183	187	197	rBB	41136	105997	1.18%	0.152%
5	4.173	267	270	275	rVV3	75086	215930	2.40%	0.309%
6	4.276	275	279	284	rVV2	60687	150844	1.68%	0.216%
7	4.390	284	289	301	rVB	213341	662246	7.36%	0.948%
8	4.687	311	315	317	rBV	45812	95067	1.06%	0.136%
9	4.939	333	337	339	rBV	80586	166326	1.85%	0.238%
10	4.996	339	342	347	rVV2	97496	244543	2.72%	0.350%
11	5.144	351	355	361	rVV	147323	354825	3.94%	0.508%
12	5.293	364	368	376	rVV	431996	1092381	12.14%	1.564%
13	5.430	376	380	382	rVV2	52647	167992	1.87%	0.241%
14	5.533	385	389	393	rVV	125940	292250	3.25%	0.419%
15	5.613	393	396	407	rVB	93263	250904	2.79%	0.359%
16	5.967	423	427	430	rVV3	97380	216891	2.41%	0.311%
17	6.047	430	434	439	rVB2	41070	116612	1.30%	0.167%
18	6.219	444	449	454	rBV5	85484	320776	3.56%	0.459%
19	6.345	458	460	466	rVB2	74120	173360	1.93%	0.248%
20	6.482	466	472	476	rBV	255382	638967	7.10%	0.915%
21	6.573	476	480	485	rVB	326834	711767	7.91%	1.019%
22	6.676	485	489	492	rBV	227461	500969	5.57%	0.717%
23	6.813	499	501	505	rVB2	55045	118463	1.32%	0.170%
24	6.996	509	517	519	rBV2	227366	804972	8.94%	1.153%
25	7.053	519	522	524	rVV	103945	177086	1.97%	0.254%
26	7.110	524	527	528	rVV	105510	245191	2.72%	0.351%
27	7.156	528	531	534	rVV2	360756	973911	10.82%	1.395%
28	7.225	534	537	545	rVB	393865	1149646	12.77%	1.646%
29	7.350	545	548	554	rBV3	469385	1442700	16.03%	2.066%
30	7.579	564	568	573	rBV2	598177	2169631	24.10%	3.107%
31	7.670	573	576	583	rVV2	541990	1888358	20.98%	2.704%
32	7.785	583	586	596	rVV	584940	2320668	25.78%	3.323%
33	7.922	596	598	601	rVB2	91835	187873	2.09%	0.269%
34	8.070	606	611	614	rBV4	169529	610070	6.78%	0.874%

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35	8.265	625	628	630	rBV	128323	286810	3.19%	0.411%
36	8.345	630	635	640	rBV2	706864	2471523	27.46%	3.539%
37	8.539	648	652	653	rBV	304935	649317	7.21%	0.930%
38	8.790	671	674	676	rVB2	159725	295510	3.28%	0.423%
39	8.848	677	679	684	rBV4	102720	351419	3.90%	0.503%
40	8.985	684	691	693	rBV4	698970	2986512	33.18%	4.277%
41	9.122	700	703	708	rVB	592386	1480427	16.45%	2.120%
42	9.225	709	712	716	rVB	408322	917160	10.19%	1.313%
43	9.465	729	733	737	rBV2	679741	2283953	25.37%	3.271%
44	10.002	775	780	781	rBV3	702344	2216176	24.62%	3.174%
45	11.225	878	887	894	rBV6	1048889	9001833	100.00%	12.891%
46	18.574	1528	1530	1535	rVB5	703076	1607890	17.86%	2.303%
47	19.043	1562	1571	1574	rVB	2075891	8702752	96.68%	12.463%
48	19.843	1637	1641	1645	rVB	1352655	3712862	41.25%	5.317%
49	20.346	1683	1685	1690	rVB3	791861	1998000	22.20%	2.861%
50	21.089	1747	1750	1752	rBV	672581	1147599	12.75%	1.643%
51	21.226	1758	1762	1763	rBV	814044	1501377	16.68%	2.150%
52	21.272	1763	1766	1768	rVV3	456738	1008040	11.20%	1.444%
53	21.352	1771	1773	1776	rVB2	710823	1222362	13.58%	1.750%
54	21.889	1818	1820	1822	rVV2	433001	598657	6.65%	0.857%
55	21.935	1822	1824	1827	rVB	481888	696707	7.74%	0.998%
56	22.083	1834	1837	1841	rBV	737286	986426	10.96%	1.413%
57	22.220	1847	1849	1852	rVB2	197755	278856	3.10%	0.399%
58	23.295	1941	1943	1945	rBV2	107051	167388	1.86%	0.240%
59	23.341	1945	1947	1953	rVB	258423	366565	4.07%	0.525%
60	24.769	2070	2072	2075	rBV	184886	181448	2.02%	0.260%

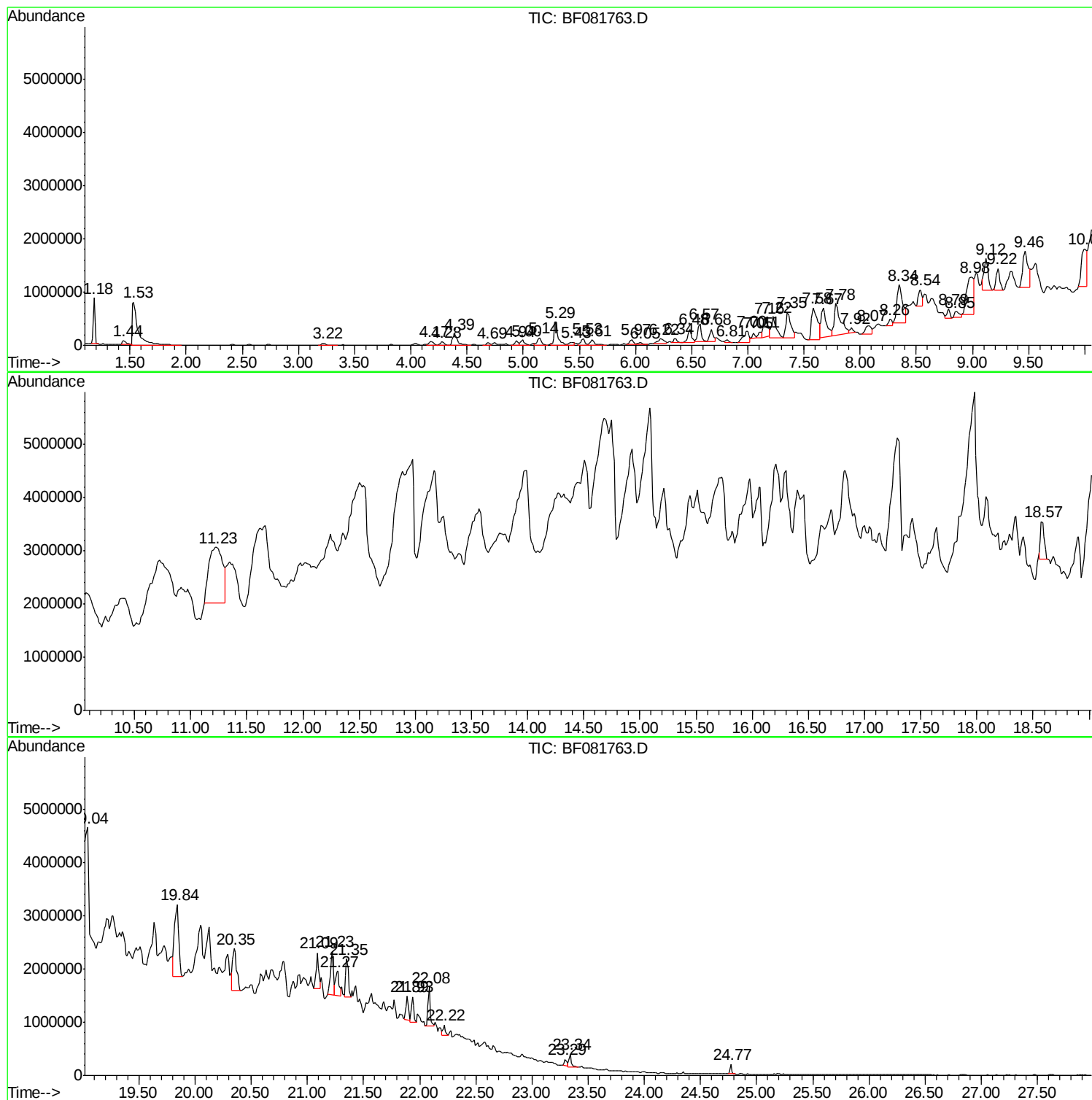
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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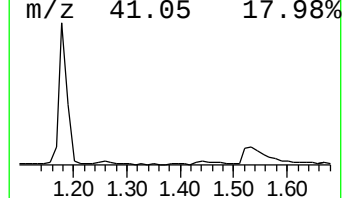
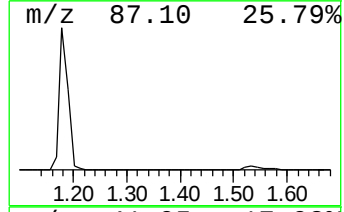
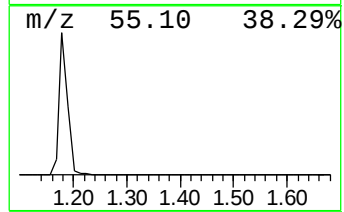
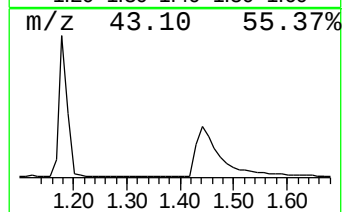
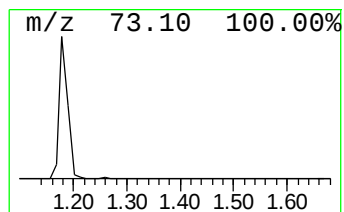
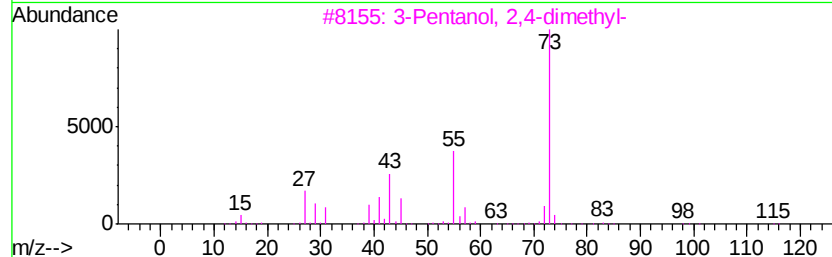
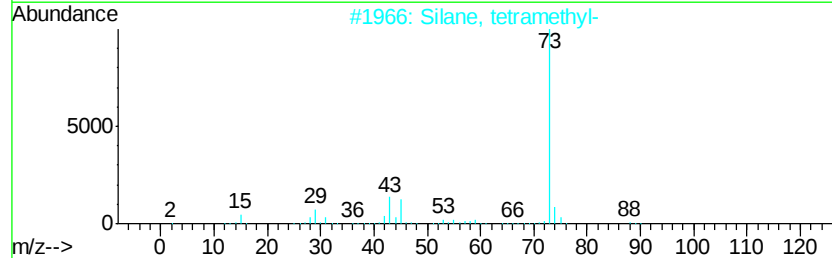
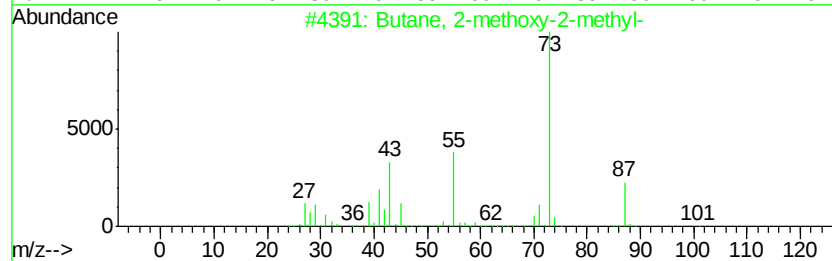
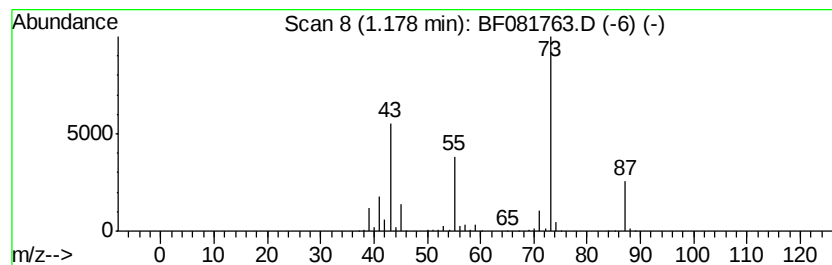
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	31.04 ng	946703	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
4			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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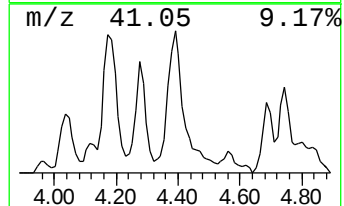
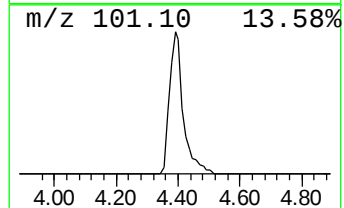
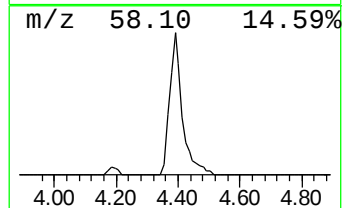
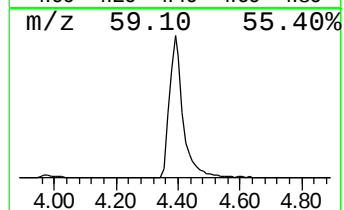
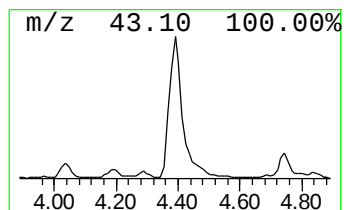
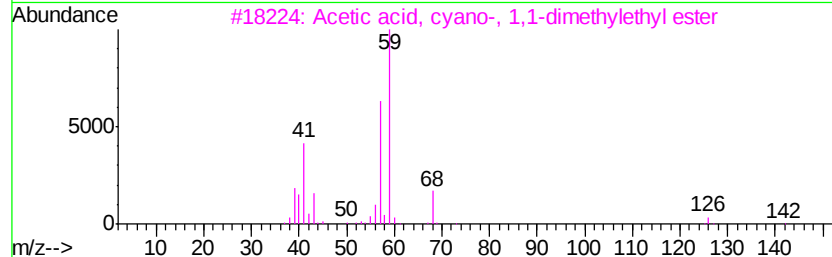
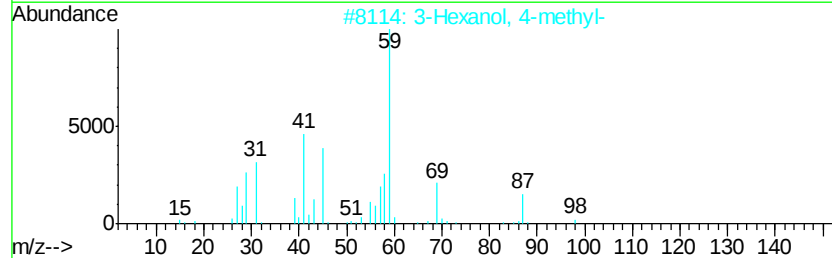
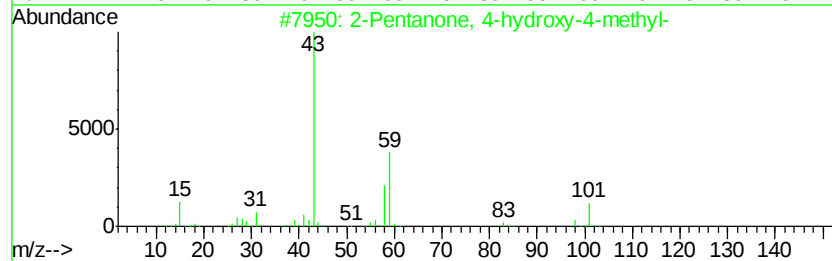
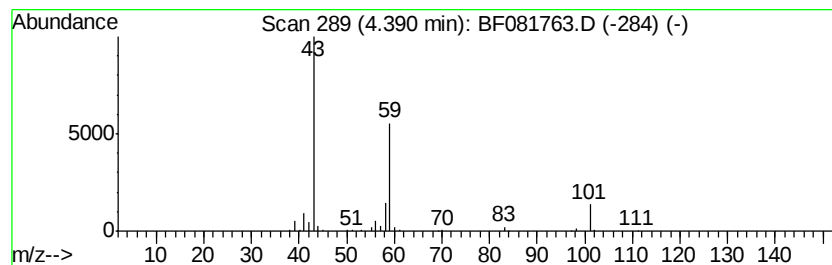
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	21.71 ng	662246	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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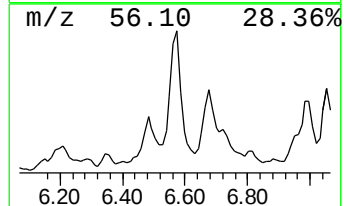
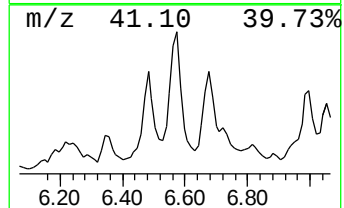
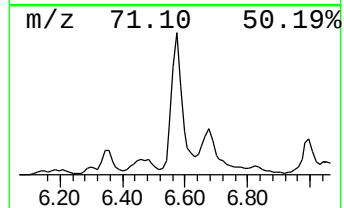
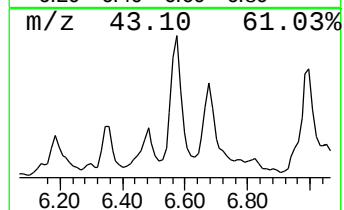
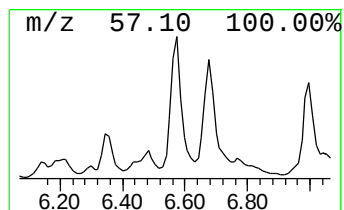
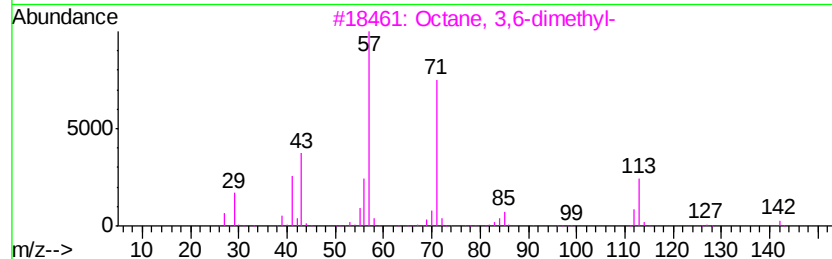
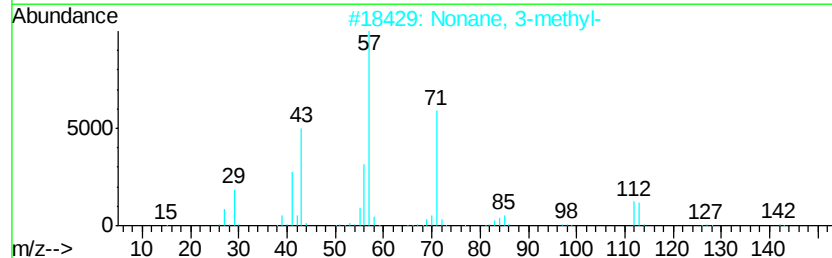
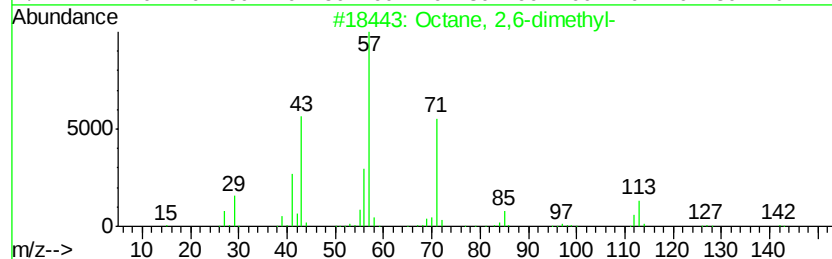
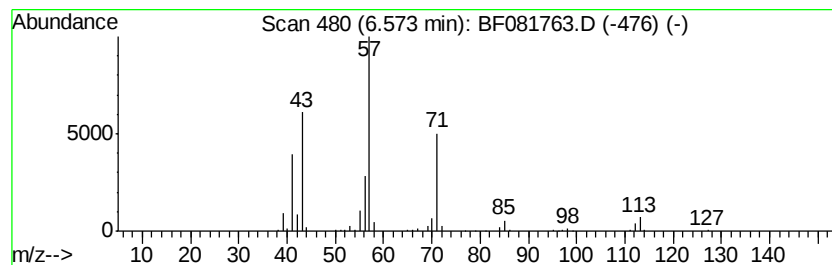
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	23.33 ng	711767	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	83
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59



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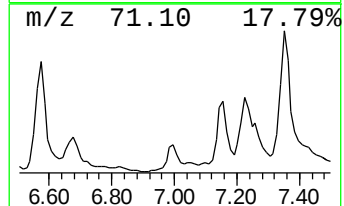
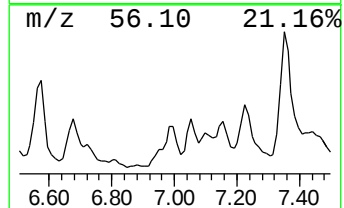
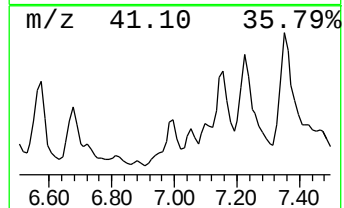
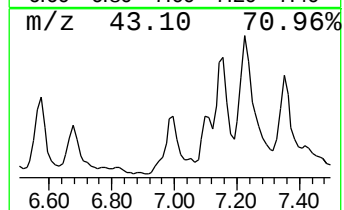
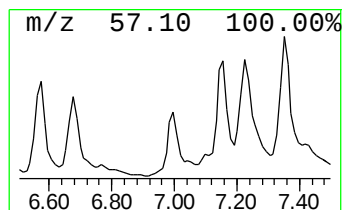
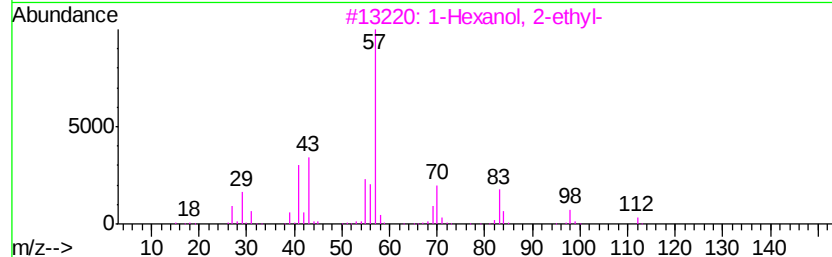
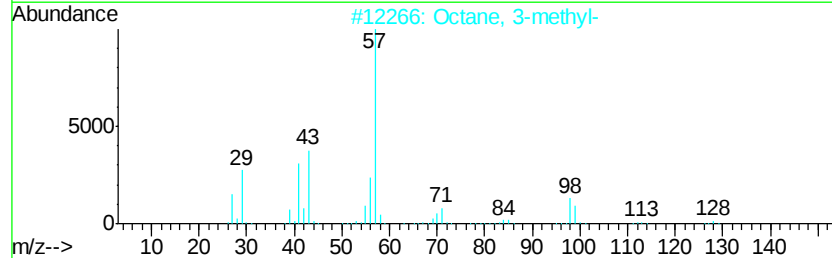
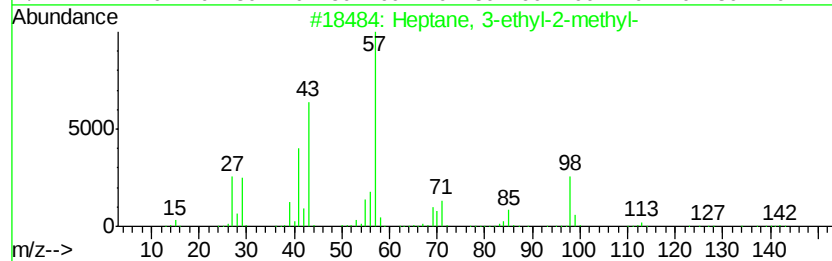
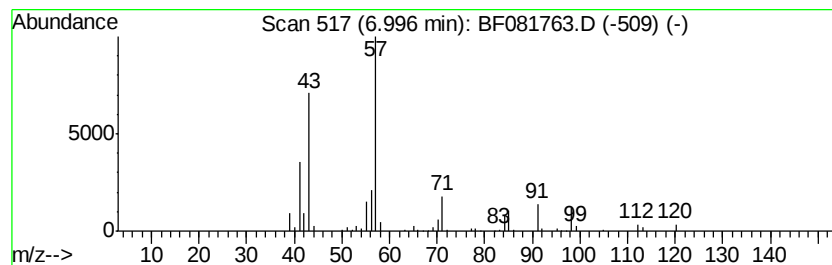
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	26.39 ng	804972	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		Octane, 3-methyl-	128	C9H20	002216-33-3	50
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	45



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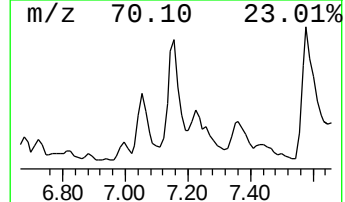
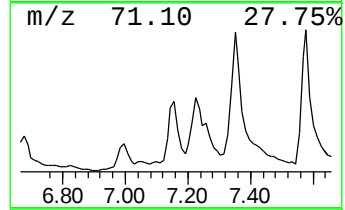
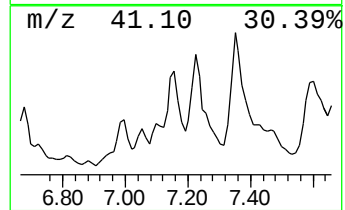
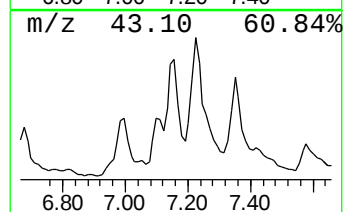
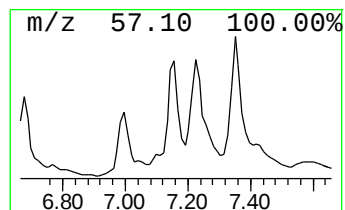
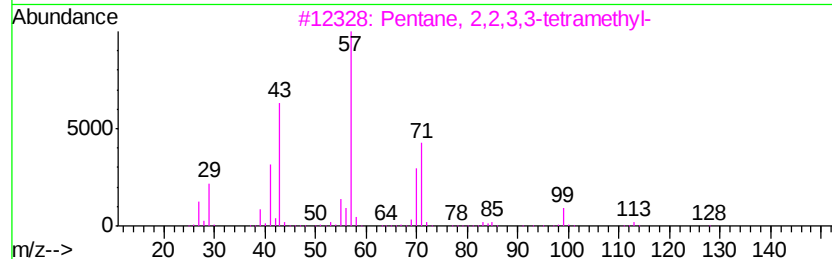
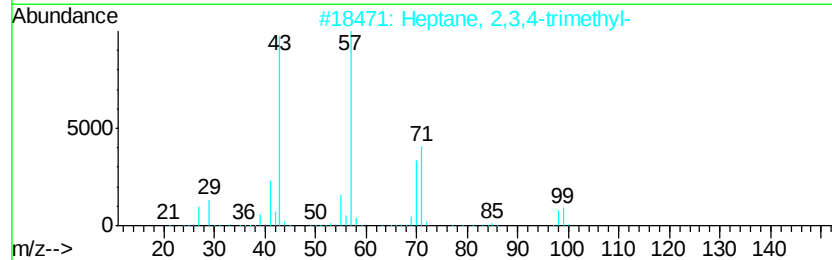
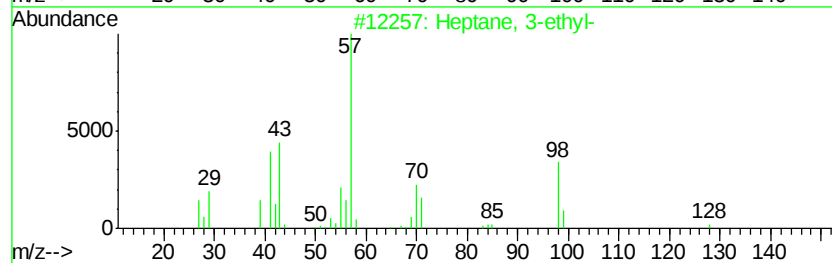
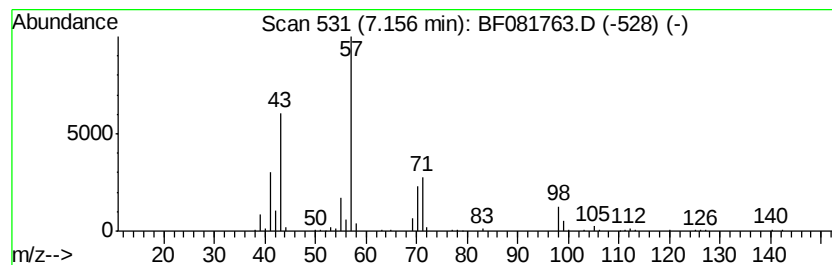
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptane, 3-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	31.93 ng	973911	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	72
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5		Nonane, 4-methyl-	142	C10H22	017301-94-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TRENCH-1-2

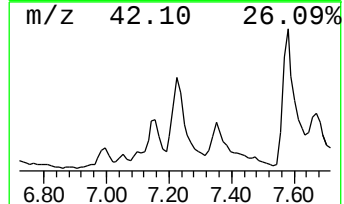
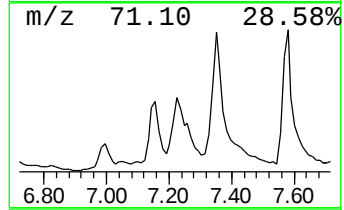
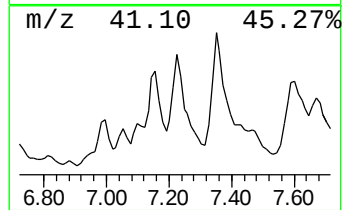
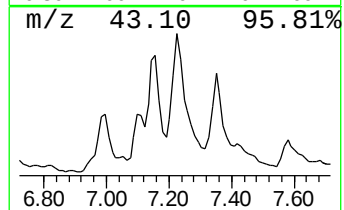
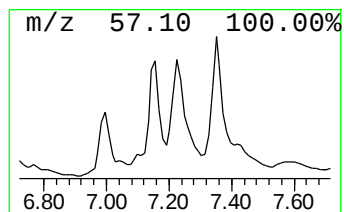
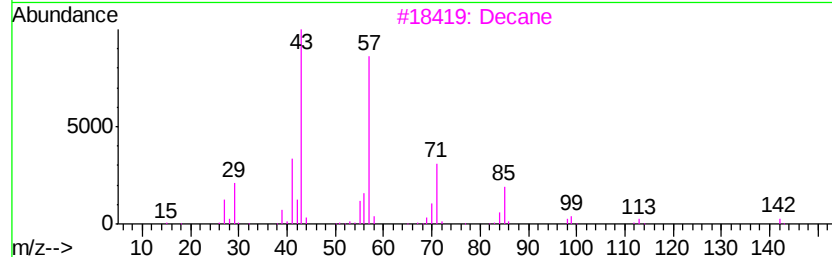
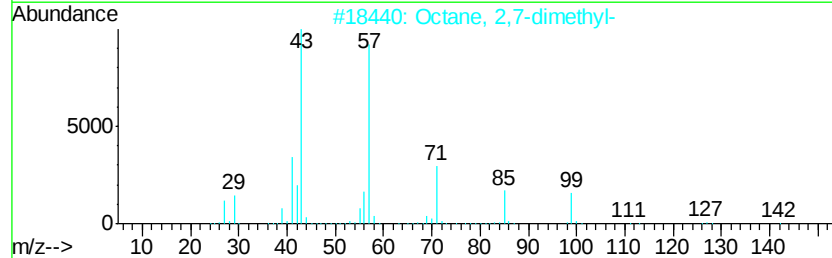
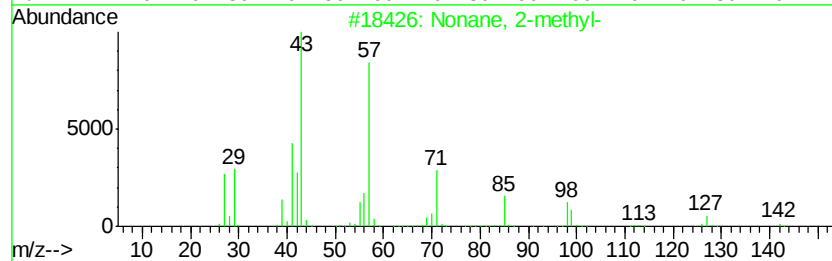
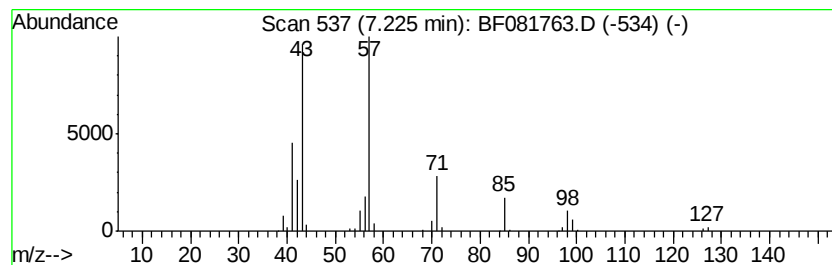
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	37.69 ng	1149650	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	78
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3		Decane	142	C10H22	000124-18-5	64
4		Octane, 2-methyl-	128	C9H20	003221-61-2	59
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

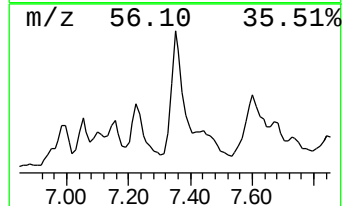
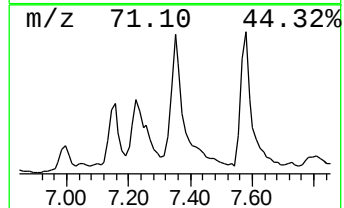
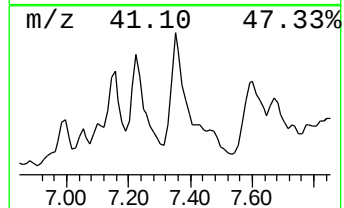
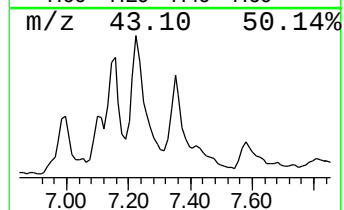
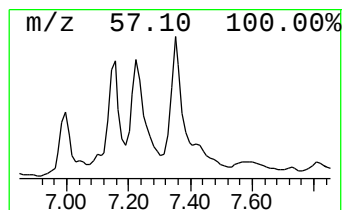
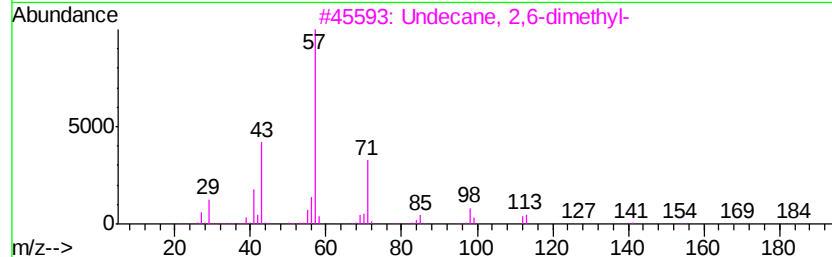
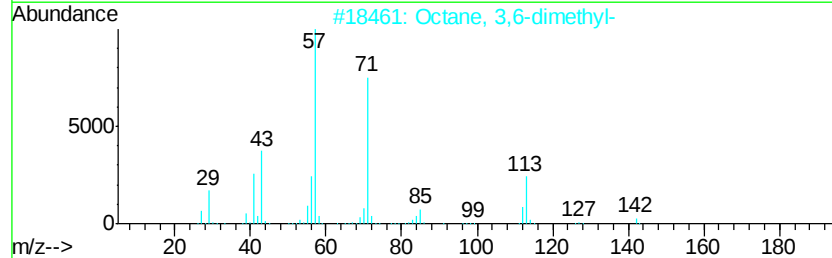
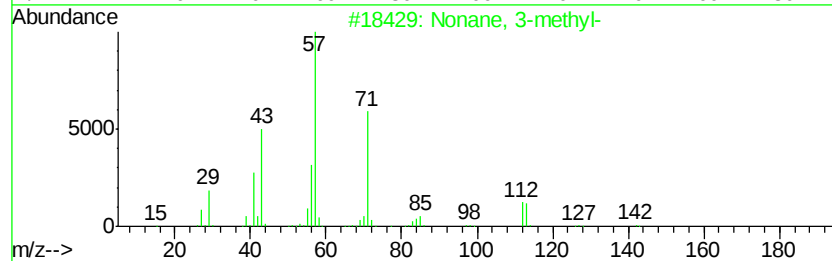
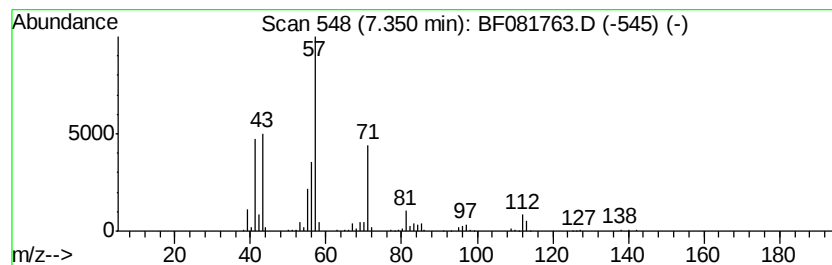
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	47.30 ng	1442700	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

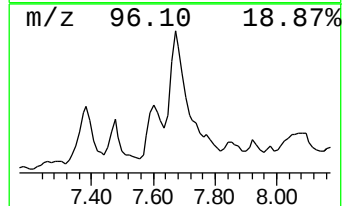
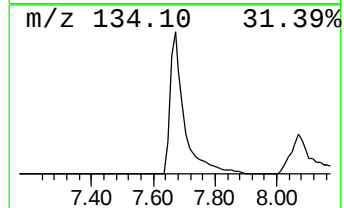
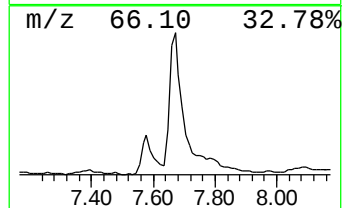
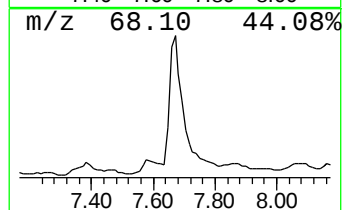
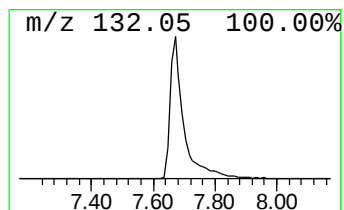
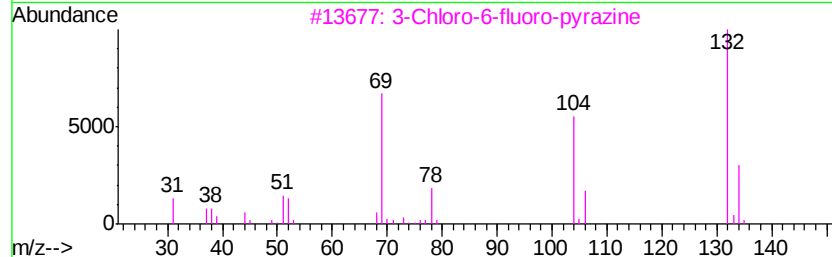
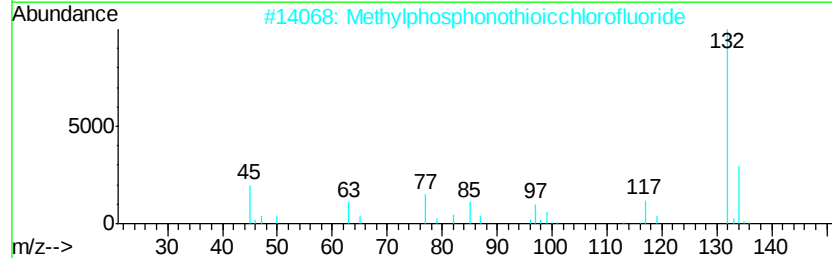
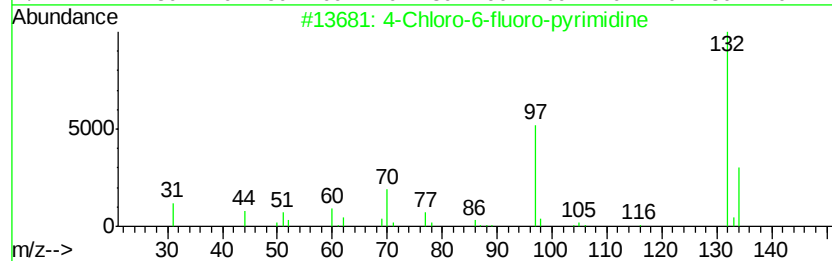
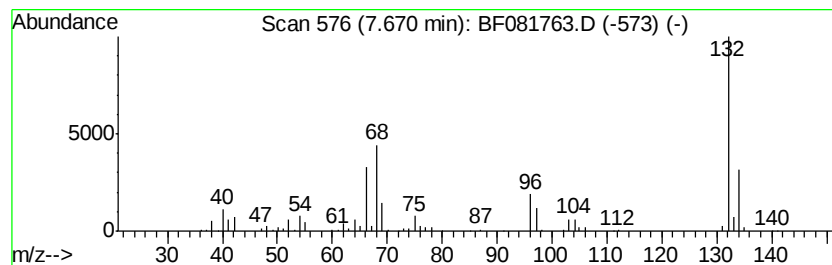
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.67 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	61.91 ng	1888360	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

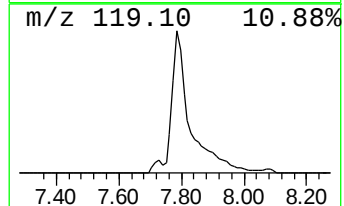
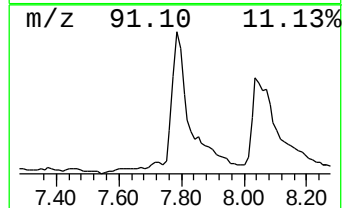
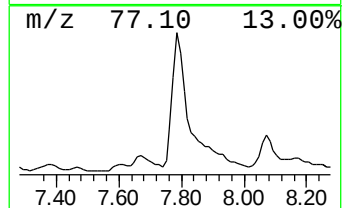
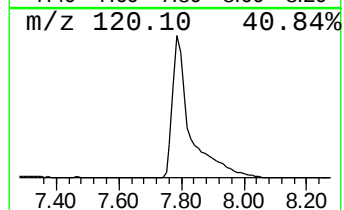
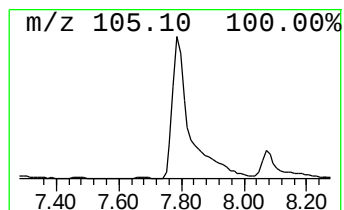
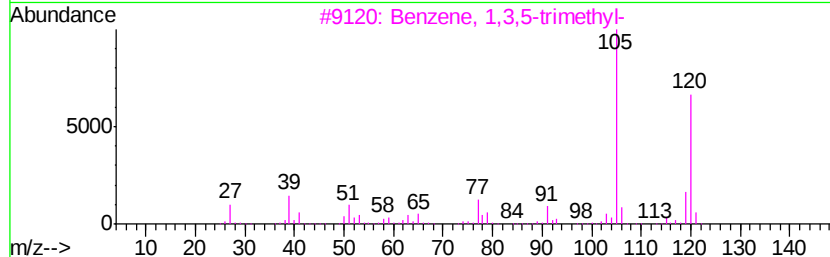
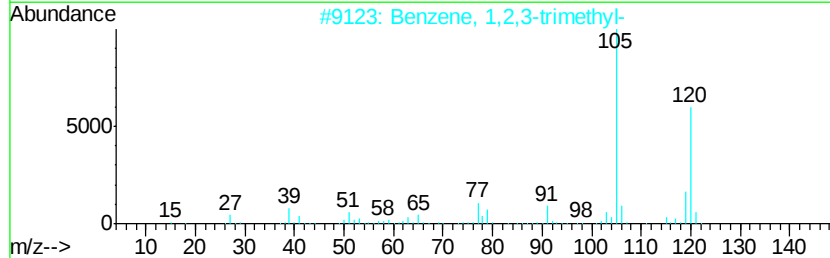
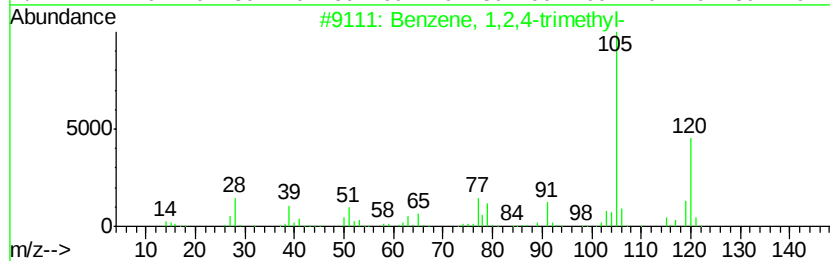
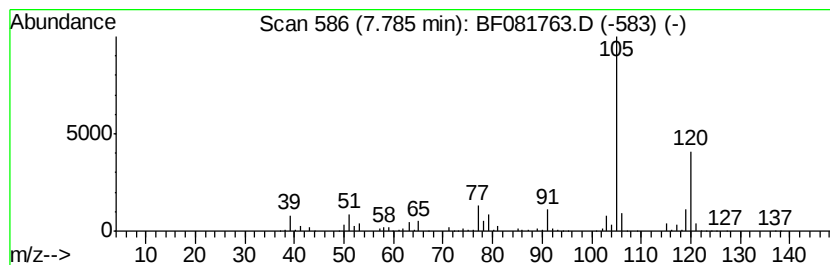
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	76.08 ng	2320670	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

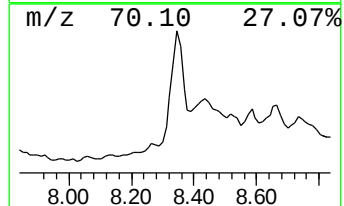
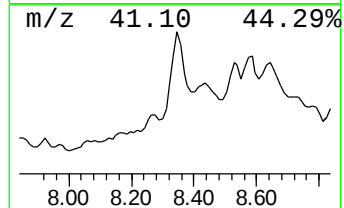
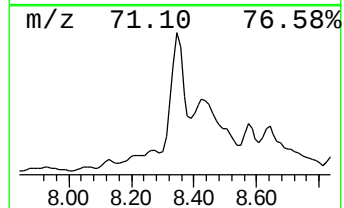
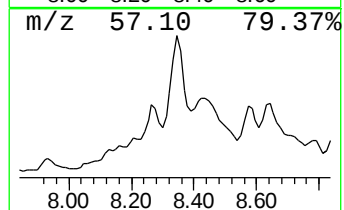
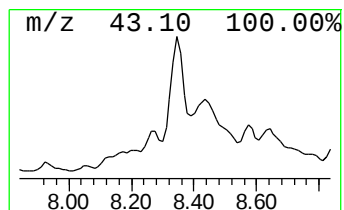
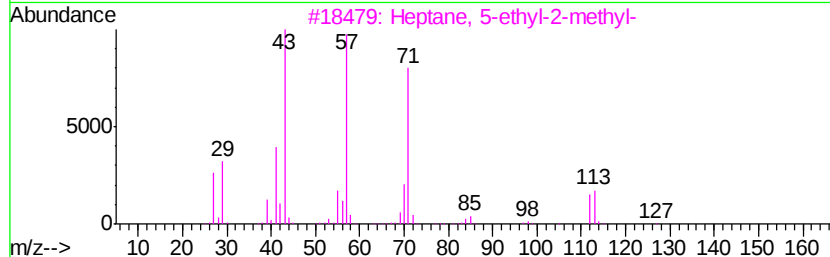
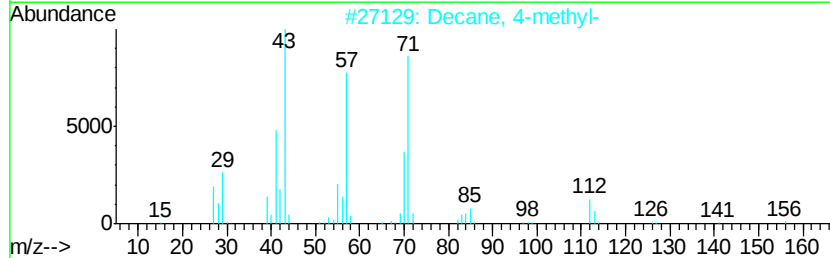
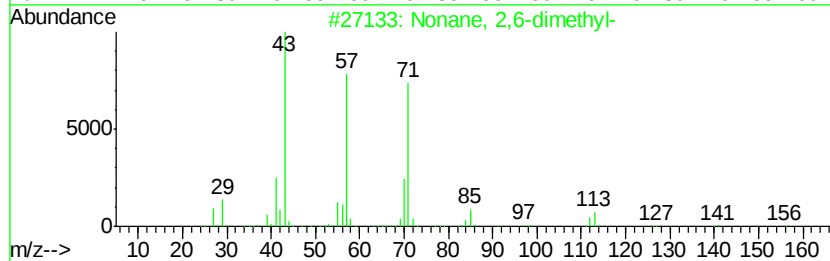
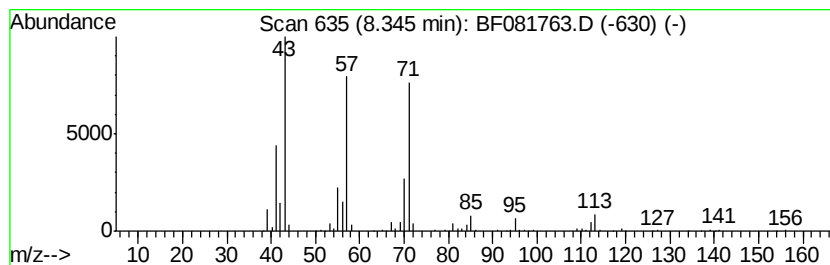
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	81.02 ng	2471520	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	78
4			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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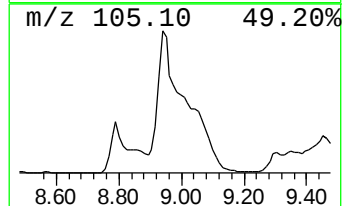
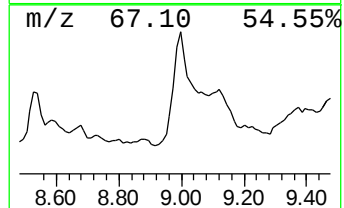
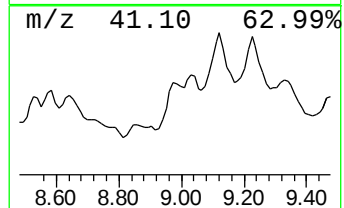
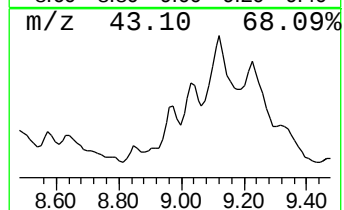
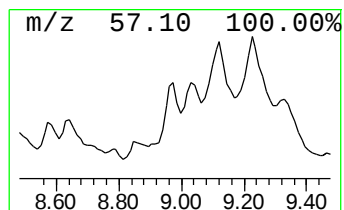
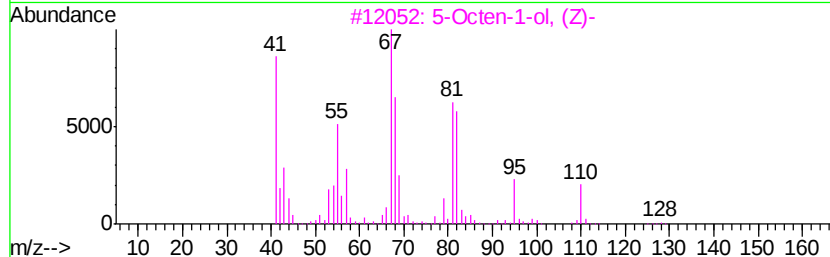
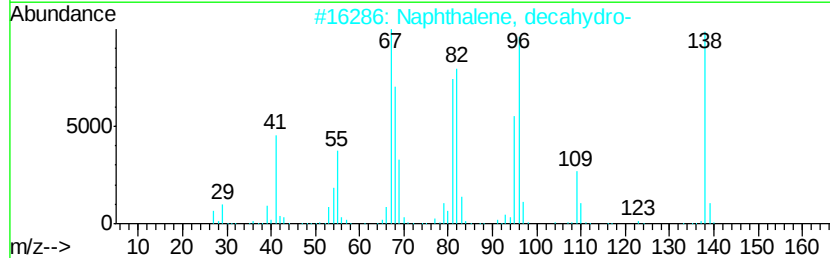
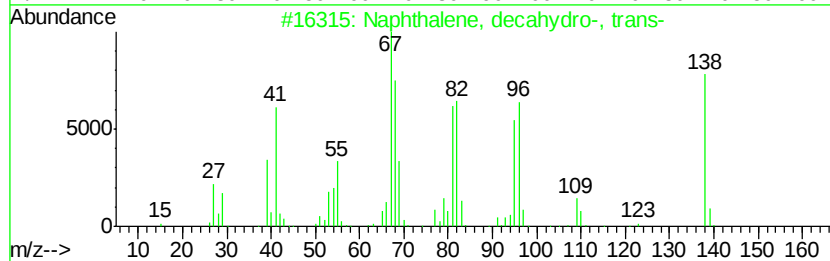
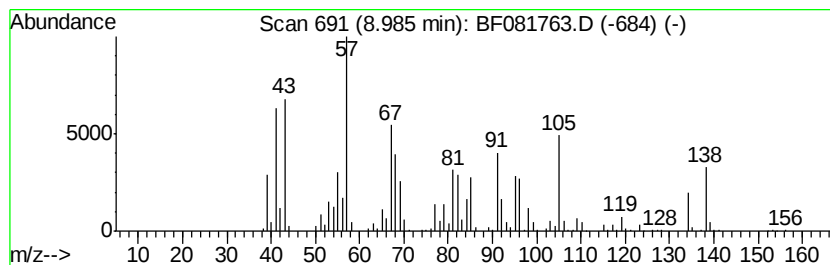
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	97.91 ng	2986510	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	60
3		5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	46
4		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	43
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

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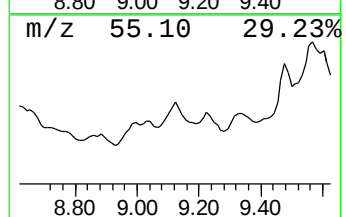
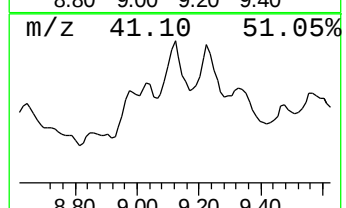
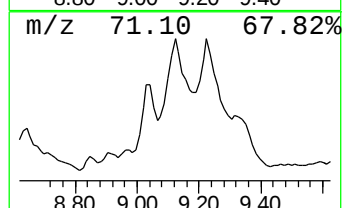
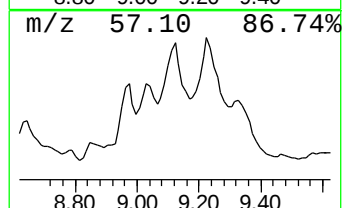
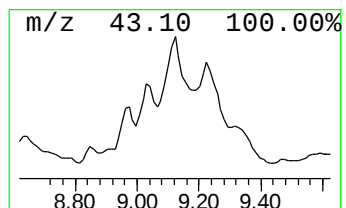
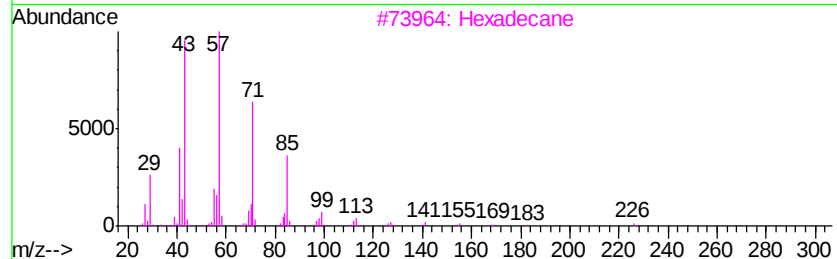
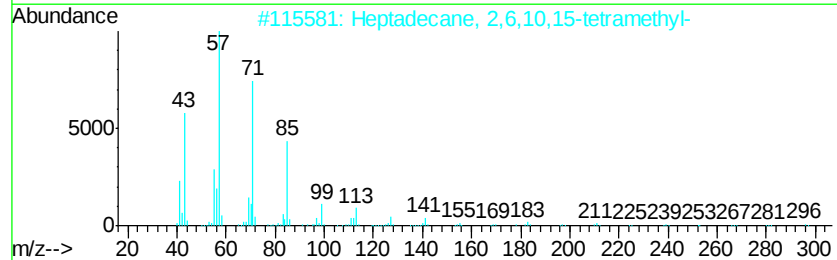
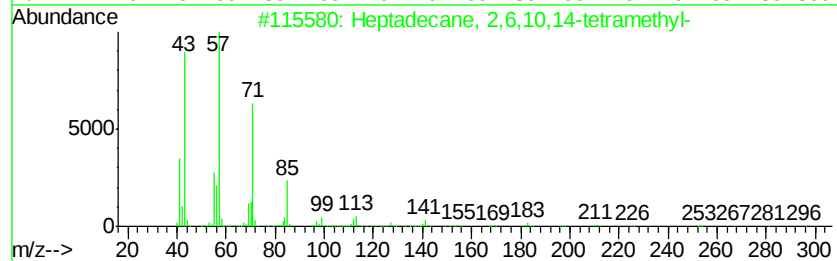
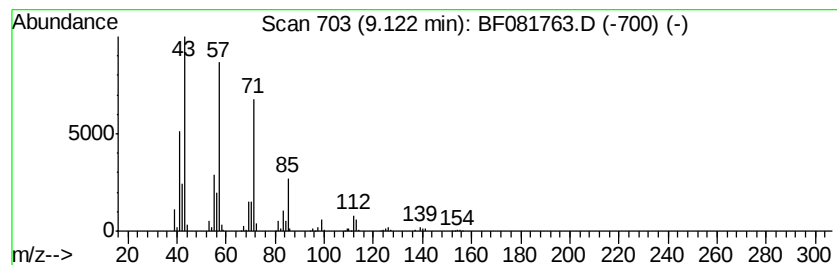
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	48.53 ng	1480430	1,4-Dichlorobenzene-d4	8.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
3			Hexadecane	226	C16H34	000544-76-3	59
4			Tridecane	184	C13H28	000629-50-5	58
5			5-Ethyldecane	170	C12H26	017302-36-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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ClientSampleId :
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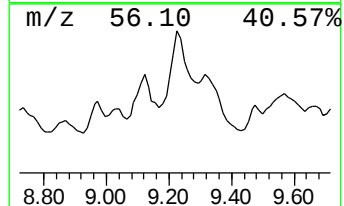
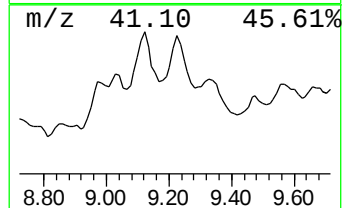
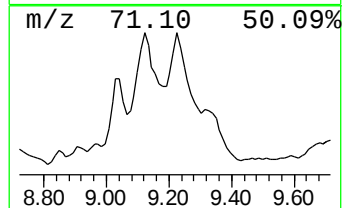
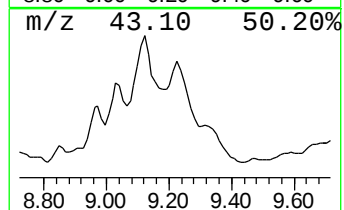
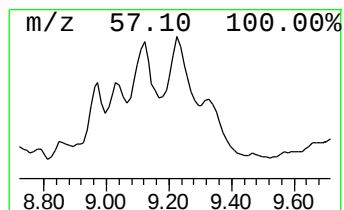
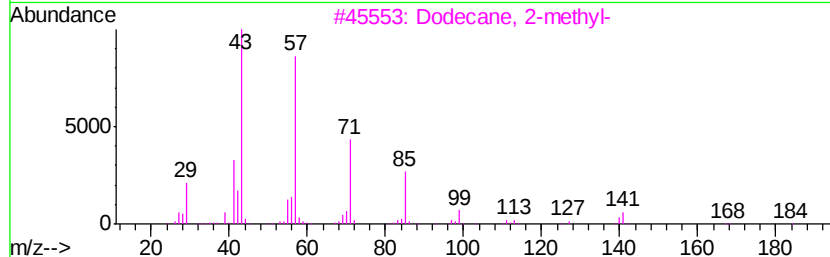
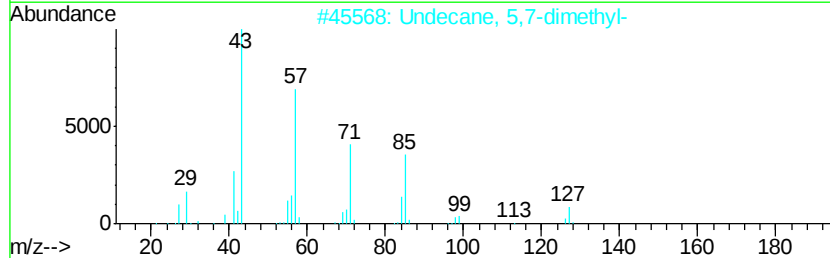
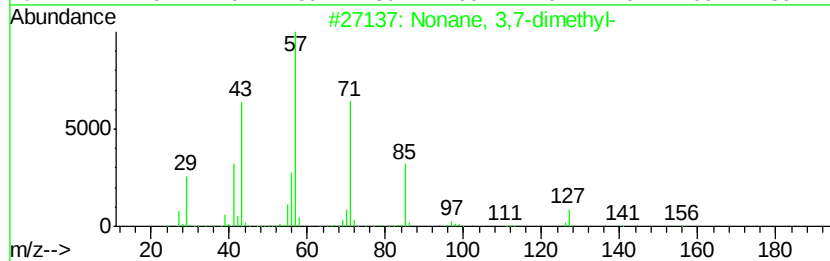
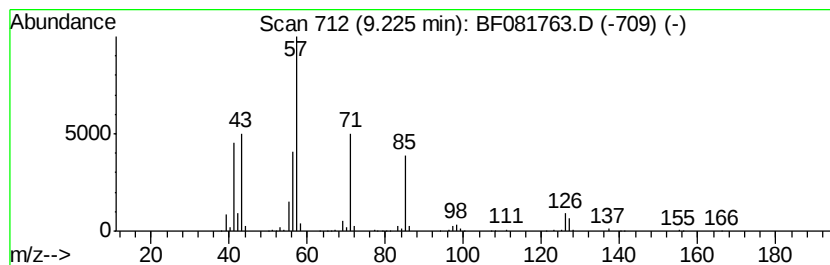
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonane, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	30.07 ng	917160	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
2		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
4		Ether, heptyl hexyl	200	C13H28O	007289-40-9	50
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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Acq On : 23 Sep 2015 9:29
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Sample : G3747-02
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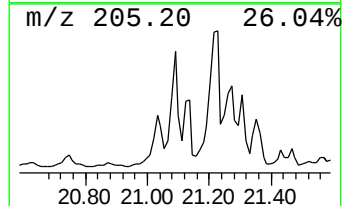
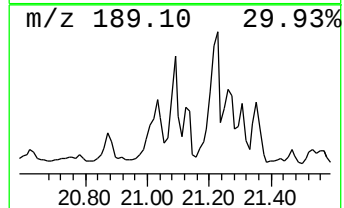
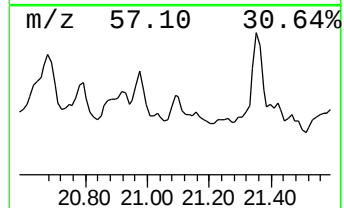
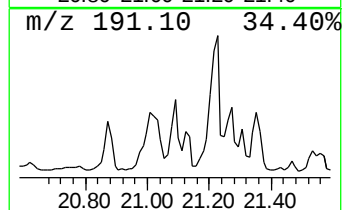
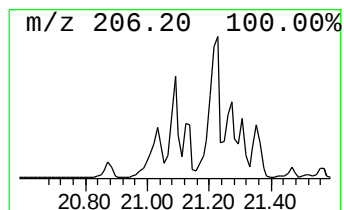
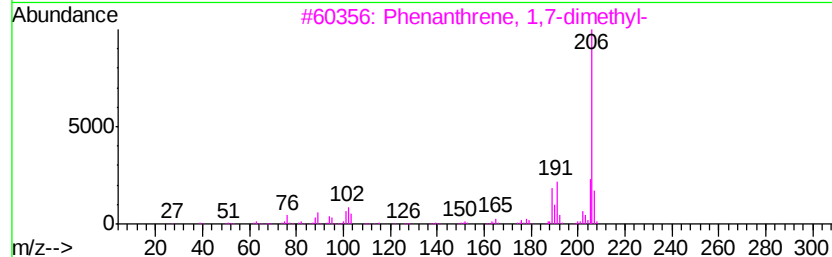
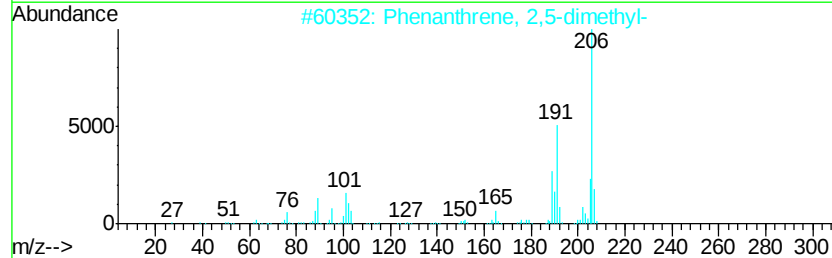
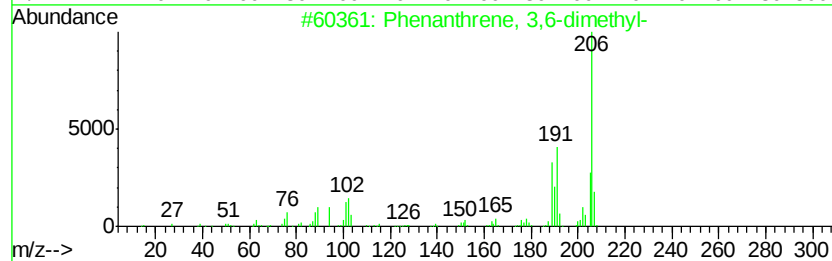
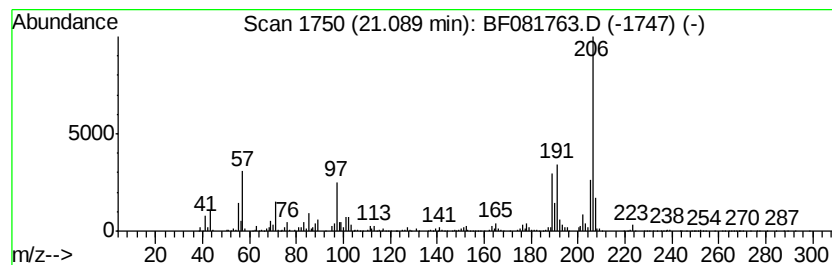
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.09	62.61 ng	1147600	Chrysene-d12		23.34
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
Data File : BF081763.D
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Operator : UM/IZ
Sample : G3747-02
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ALS Vial : 21 Sample Multiplier: 1

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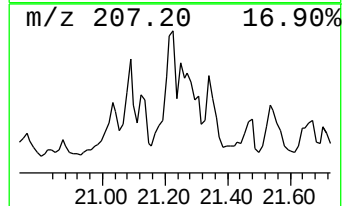
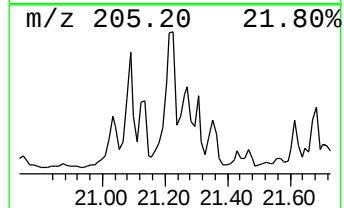
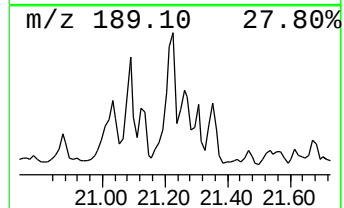
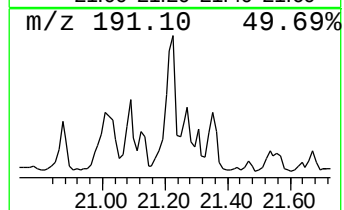
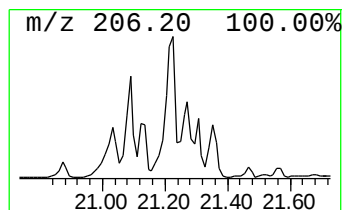
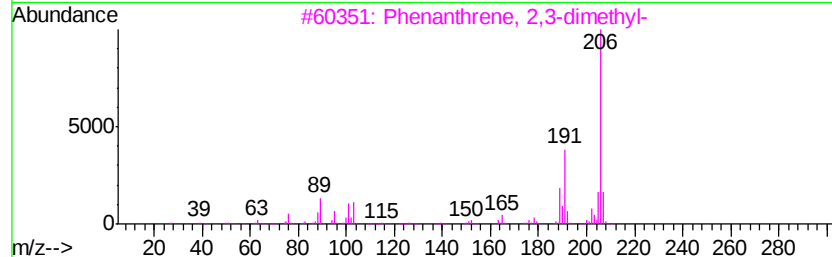
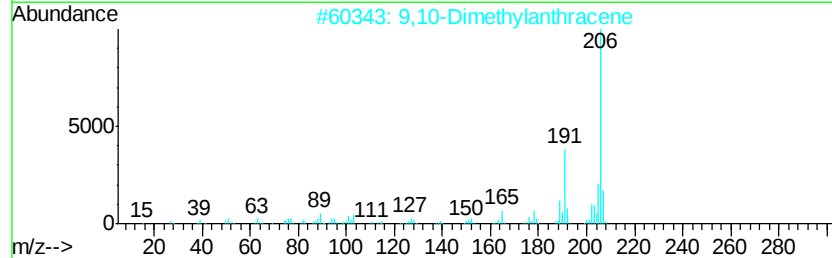
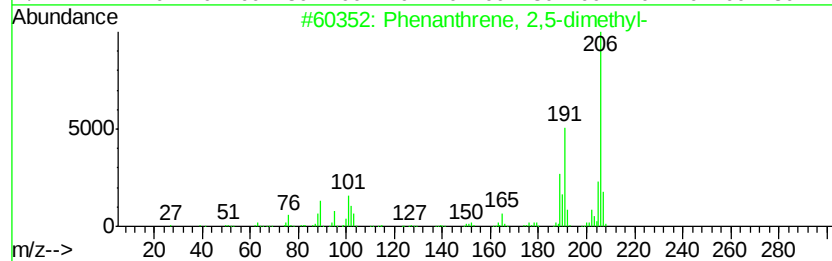
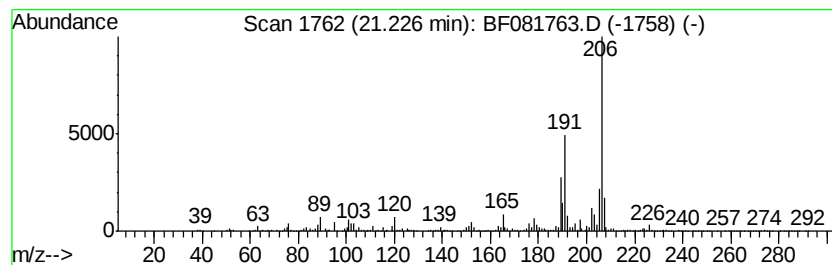
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Dimethylantracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	81.92 ng	1501380	Chrysene-d12	23.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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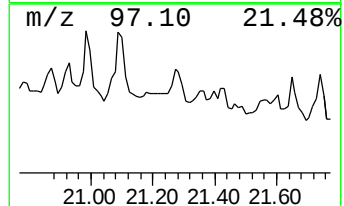
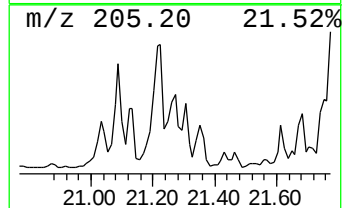
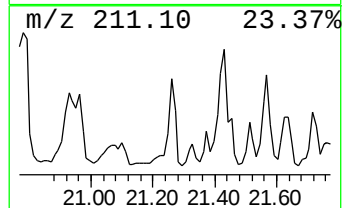
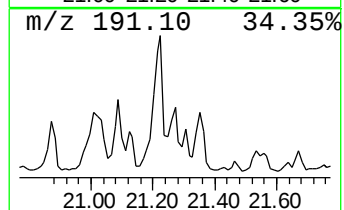
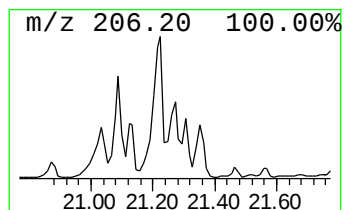
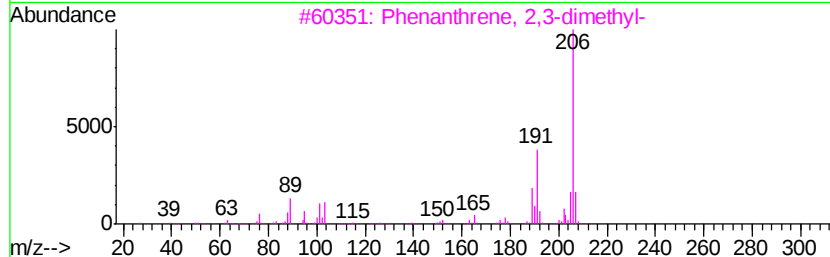
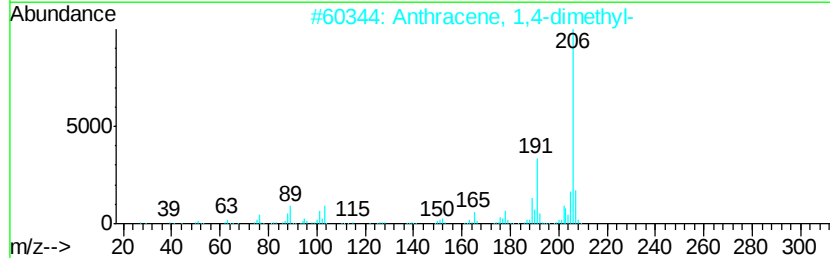
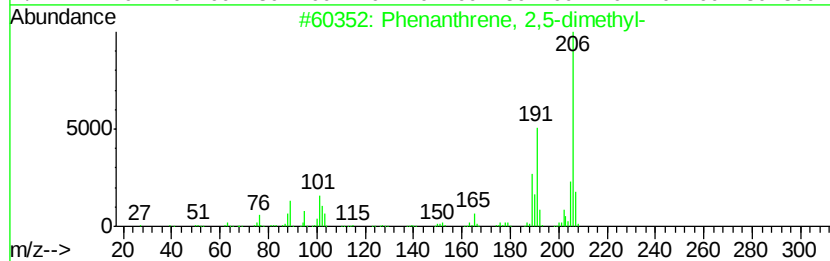
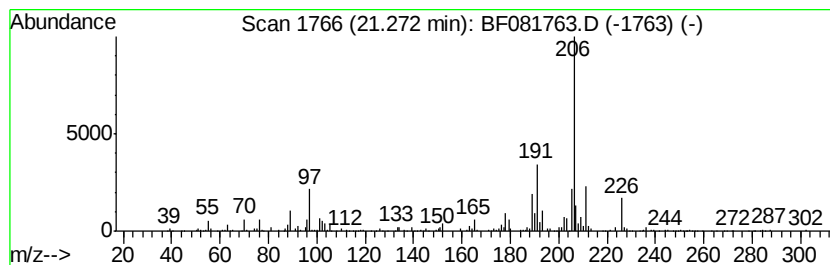
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	55.00 ng	1008040	Chrysene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
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Acq On : 23 Sep 2015 9:29
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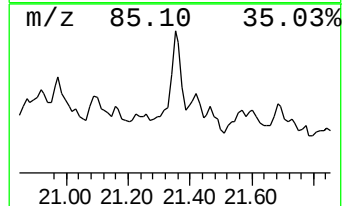
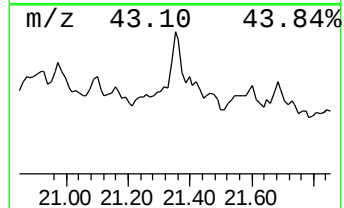
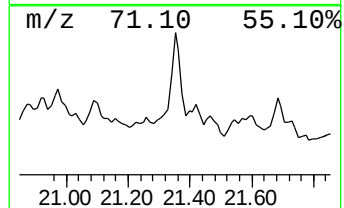
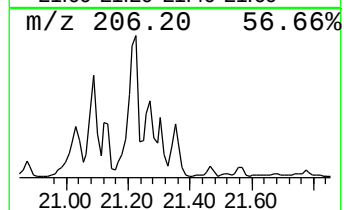
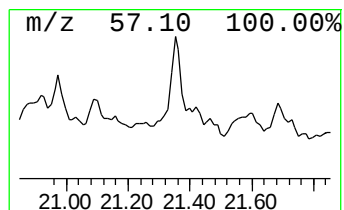
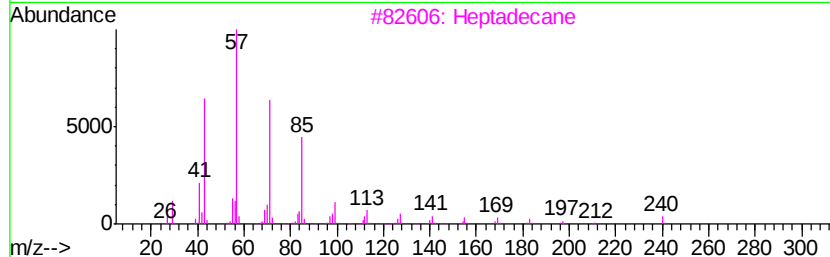
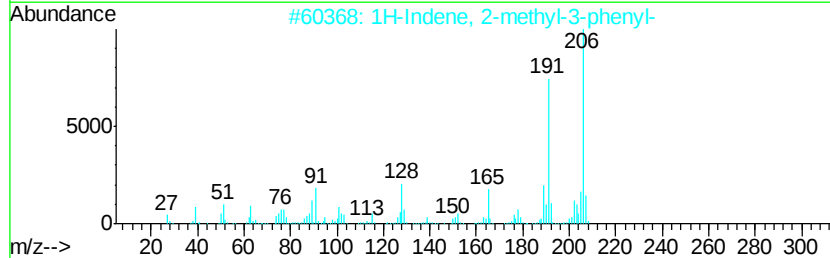
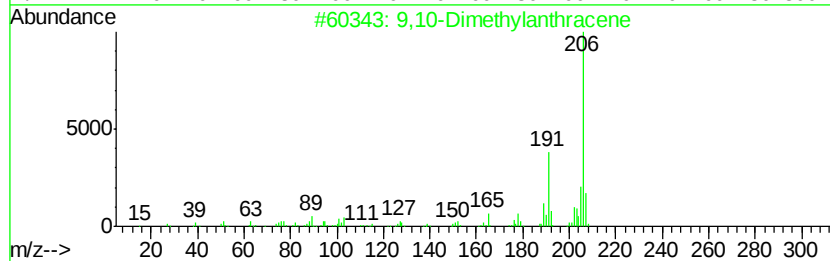
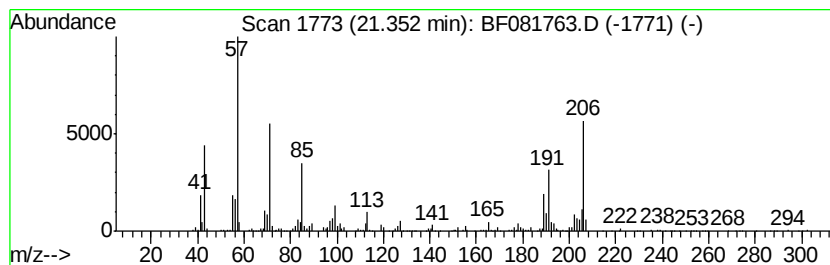
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown21.35 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	66.69 ng	1222360	Chrysene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	46
2		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	41
3		Heptadecane	240	C17H36	000629-78-7	38
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	38
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
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Operator : UM/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
TRENCH-1-2

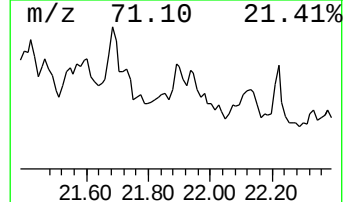
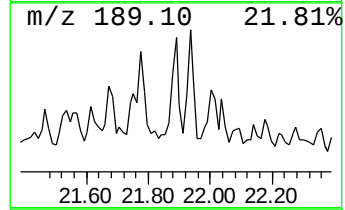
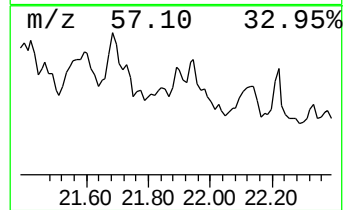
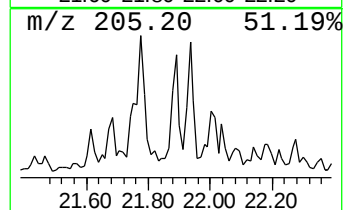
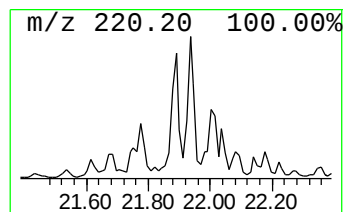
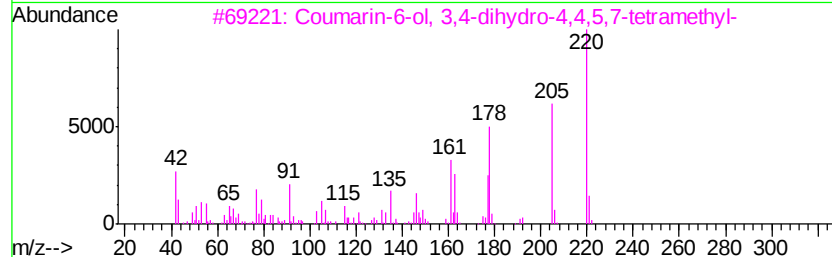
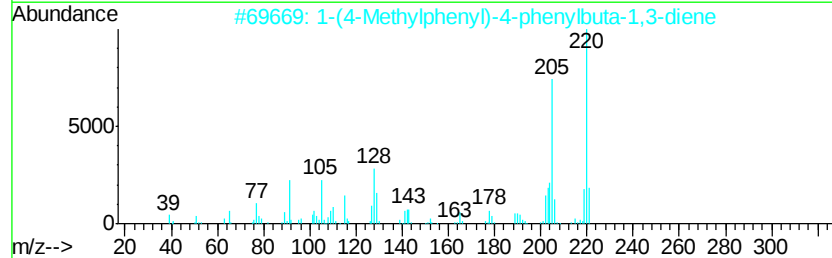
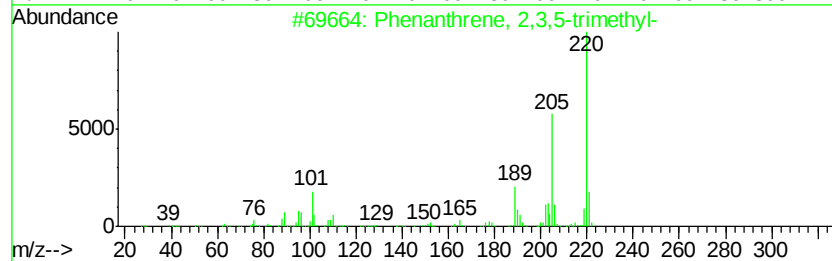
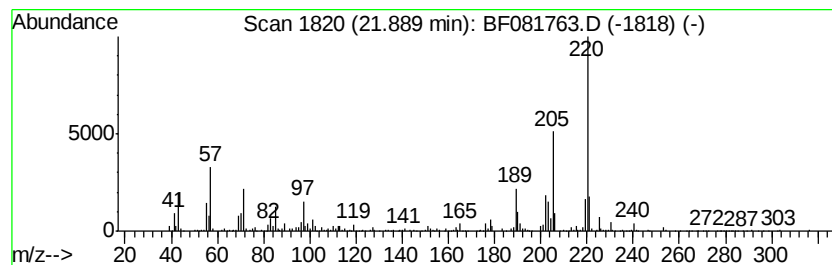
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	32.66 ng	598657	Chrysene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	86
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3		Coumarin-6-ol, 3,4-dihydro-4,4,5...	220	C13H16O3	050442-68-7	53
4		Benzo[b]dihdropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
5		Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081763.D
Acq On : 23 Sep 2015 9:29
Operator : UM/IZ
Sample : G3747-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

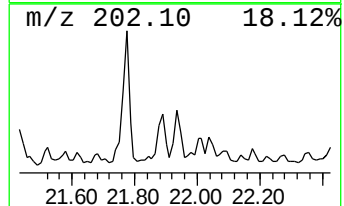
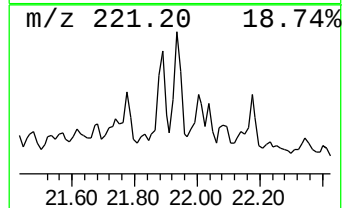
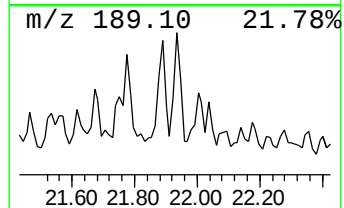
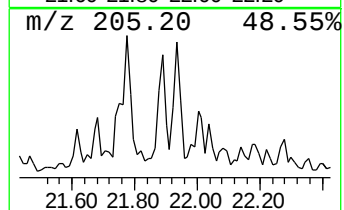
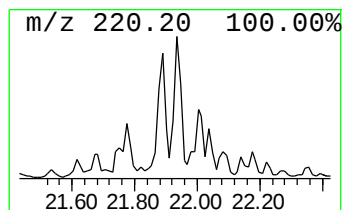
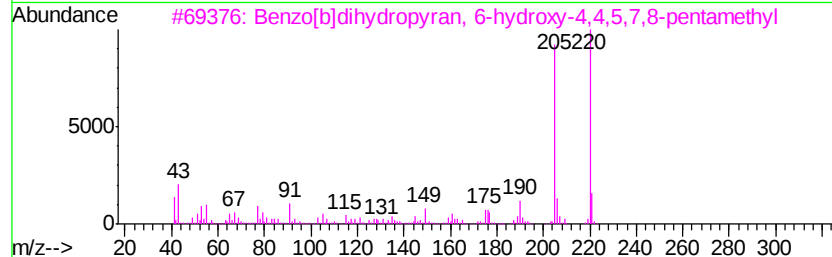
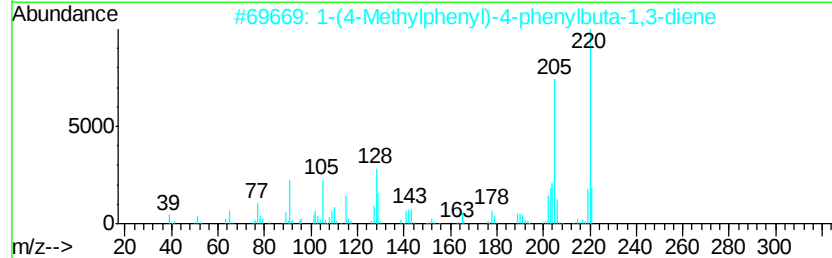
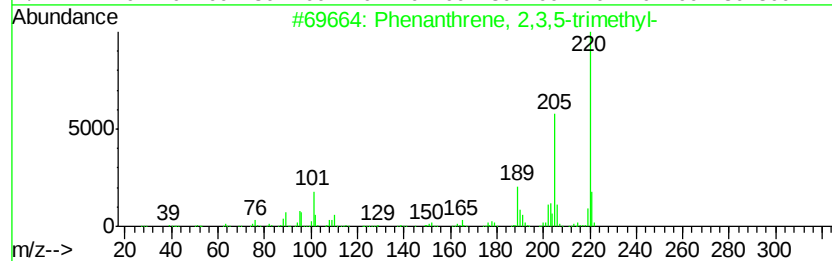
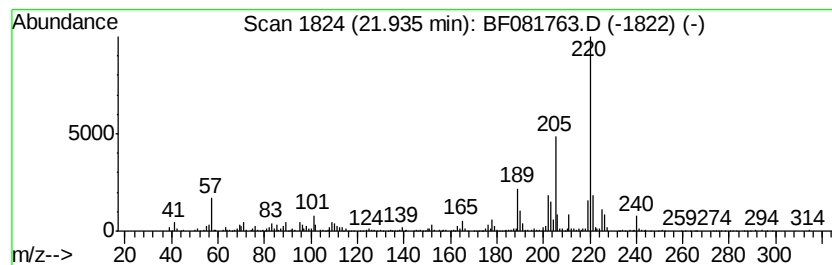
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-(4-Methylphenyl)-4-phenyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	38.01 ng	696707	Chrysene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	64
3		Benzo[b]dihydopyran, 6-hydroxyv-...	220	C14H20O2	050442-70-1	50
4		1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	47
5		Phenmethylnitrile, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081763.D
 Acq On : 23 Sep 2015 9:29
 Operator : UM/IZ
 Sample : G3747-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Butane, 2-methoxy...	1.18	31.0	ng	946703	1	8.15	610070	20.0
2-Pentanone, 4-hy...	4.39	21.7	ng	662246	1	8.15	610070	20.0
Octane, 2,6-dimet...	6.57	23.3	ng	711767	1	8.15	610070	20.0
Heptane, 3-ethyl-...	7.00	26.4	ng	804972	1	8.15	610070	20.0
Heptane, 3-ethyl-	7.16	31.9	ng	973911	1	8.15	610070	20.0
Nonane, 2-methyl-	7.22	37.7	ng	1149650	1	8.15	610070	20.0
Nonane, 3-methyl-	7.35	47.3	ng	1442700	1	8.15	610070	20.0
unknown7.67	7.67	61.9	ng	1888360	1	8.15	610070	20.0
Benzene, 1,2,4-tr...	7.78	76.1	ng	2320670	1	8.15	610070	20.0
Nonane, 2,6-dimet...	8.34	81.0	ng	2471520	1	8.15	610070	20.0
Naphthalene, deca...	8.98	97.9	ng	2986510	1	8.15	610070	20.0
Heptadecane, 2,6,...	9.12	48.5	ng	1480430	1	8.15	610070	20.0
Nonane, 3,7-dimet...	9.22	30.1	ng	917160	1	8.15	610070	20.0
Phenanthrene, 3,6...	21.09	62.6	ng	1147600	5	23.34	366565	20.0
9,10-Dimethylanth...	21.23	81.9	ng	1501380	5	23.34	366565	20.0
Phenanthrene, 2,5...	21.27	55.0	ng	1008040	5	23.34	366565	20.0
unknown21.35	21.35	66.7	ng	1222360	5	23.34	366565	20.0
Phenanthrene, 2,3...	21.89	32.7	ng	598657	5	23.34	366565	20.0
1-(4-Methylphenyl...	21.93	38.0	ng	696707	5	23.34	366565	20.0