

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088386.D
 Acq On : 25 Jun 2016 19:39
 Operator : UM/SJ
 Sample : H3624-23
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1511(0-4)

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-BF060716.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	1.678	6	8	9	rBV	15966	28442	1.68%	0.101%
2	1.701	9	10	41	rVB	565872	1100789	64.97%	3.896%
3	4.684	268	271	284	rBV	73660	143762	8.49%	0.509%
4	5.141	309	311	328	rBV	1057436	1404720	82.91%	4.972%
5	6.227	404	406	413	rBV	814025	1405410	82.95%	4.974%
6	6.330	413	415	418	rBV	1388085	1438699	84.92%	5.092%
7	6.559	433	435	442	rBV	406579	415382	24.52%	1.470%
8	6.719	446	449	451	rBV	955981	1217082	71.84%	4.308%
9	7.130	483	485	488	rBV	564857	857678	50.62%	3.036%
10	7.850	545	548	550	rBV	467181	554030	32.70%	1.961%
11	8.925	639	642	644	rBV	1839478	1694244	100.00%	5.996%
12	9.016	648	650	655	rVB	13306	22425	1.32%	0.079%
13	9.325	675	677	680	rBV	250858	214776	12.68%	0.760%
14	9.450	686	688	691	rBV	88383	80707	4.76%	0.286%
15	9.542	694	696	698	rBV	28679	25635	1.51%	0.091%
16	9.588	698	700	702	rBV	597737	587057	34.65%	2.078%
17	9.622	702	703	707	rVB	41886	37052	2.19%	0.131%
18	9.793	717	718	720	rVB	18543	19438	1.15%	0.069%
19	9.839	720	722	725	rVB2	13141	23146	1.37%	0.082%
20	9.908	725	728	730	rBV2	16762	21273	1.26%	0.075%
21	9.999	733	736	738	rBV3	10721	20840	1.23%	0.074%
22	10.033	738	739	741	rVB2	41403	39803	2.35%	0.141%
23	10.136	746	748	751	rVB	32590	40640	2.40%	0.144%
24	10.250	756	758	760	rBV	21288	27871	1.65%	0.099%
25	10.376	767	769	772	rBV	748727	823249	48.59%	2.914%
26	10.502	779	780	784	rVB2	60999	96098	5.67%	0.340%
27	10.570	784	786	787	rBV	34552	33249	1.96%	0.118%
28	10.605	787	789	790	rVV	37672	43160	2.55%	0.153%
29	10.639	790	792	793	rVV2	24526	37280	2.20%	0.132%
30	10.708	795	798	800	rVV4	24047	58286	3.44%	0.206%
31	10.742	800	801	803	rVV2	29142	40624	2.40%	0.144%
32	10.822	806	808	812	rVB2	30733	61760	3.65%	0.219%
33	10.879	812	813	815	rBV	19001	23401	1.38%	0.083%
34	10.948	818	819	824	rVB4	33579	66837	3.94%	0.237%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.062	827	829	830	rBV	413195	462008	27.27%	1.635%
36	11.085	830	831	834	rVV	376326	486634	28.72%	1.722%
37	11.142	834	836	838	rVV	167535	168191	9.93%	0.595%
38	11.176	838	839	842	rVV2	19457	25719	1.52%	0.091%
39	11.222	842	843	848	rVB3	12332	25660	1.51%	0.091%
40	11.313	848	851	854	rBV3	50319	95017	5.61%	0.336%
41	11.359	854	855	857	rVV	17338	23775	1.40%	0.084%
42	11.393	857	858	861	rVB3	19204	25009	1.48%	0.089%
43	11.565	871	873	874	rBV	106276	98274	5.80%	0.348%
44	11.599	874	876	878	rVV	86010	111433	6.58%	0.394%
45	11.645	878	880	881	rVV	39755	37394	2.21%	0.132%
46	11.679	881	883	888	rVB2	136991	278206	16.42%	0.985%
47	11.782	891	892	896	rBV4	17909	31163	1.84%	0.110%
48	11.862	896	899	901	rBV	76927	91547	5.40%	0.324%
49	11.896	901	902	904	rVB	69817	61498	3.63%	0.218%
50	12.011	909	912	913	rBV2	31328	44966	2.65%	0.159%
51	12.045	913	915	916	rBV	23232	30492	1.80%	0.108%
52	12.113	919	921	922	rBV	114790	115813	6.84%	0.410%
53	12.148	922	924	927	rVB2	55687	105615	6.23%	0.374%
54	12.205	927	929	933	rVB	105415	135940	8.02%	0.481%
55	12.274	933	935	938	rBV	1294067	1284837	75.84%	4.547%
56	12.319	938	939	942	rVV2	26256	44026	2.60%	0.156%
57	12.422	945	948	950	rBV	64067	84449	4.98%	0.299%
58	12.502	952	955	957	rBV	1151050	1422395	83.95%	5.034%
59	12.548	957	959	962	rVB3	73516	138811	8.19%	0.491%
60	12.651	965	968	971	rVV	1281205	1377195	81.29%	4.874%
61	12.719	971	974	977	rVV2	108813	161052	9.51%	0.570%
62	12.834	980	984	986	rVB3	132838	304605	17.98%	1.078%
63	12.891	986	989	991	rBV	124452	163856	9.67%	0.580%
64	12.925	991	992	996	rVV2	143544	238030	14.05%	0.842%
65	12.982	996	997	999	rVV2	22834	37400	2.21%	0.132%
66	13.016	999	1000	1002	rVV	84216	98134	5.79%	0.347%
67	13.051	1002	1003	1008	rVB2	94672	123919	7.31%	0.439%
68	13.245	1013	1020	1024	rBV6	48398	217459	12.84%	0.770%
69	13.314	1024	1026	1027	rBV2	33658	46442	2.74%	0.164%
70	13.336	1027	1028	1032	rVB	96043	142657	8.42%	0.505%
71	13.394	1032	1033	1035	rVB2	25298	21105	1.25%	0.075%

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72	13.439	1035	1037	1041	rBV3	114280	344519	20.33%	1.219%
73	13.496	1041	1042	1045	rVB3	86163	116798	6.89%	0.413%
74	13.554	1045	1047	1051	rVB2	172362	225027	13.28%	0.796%
75	13.611	1051	1052	1056	rBV	30289	38136	2.25%	0.135%
76	13.691	1056	1059	1061	rBV	866147	1566764	92.48%	5.545%
77	13.725	1061	1062	1066	rVB	547590	470357	27.76%	1.665%
78	13.794	1066	1068	1070	rBV2	95494	96444	5.69%	0.341%
79	13.851	1071	1073	1076	rBV3	41373	77001	4.54%	0.273%
80	13.908	1076	1078	1079	rVB2	41798	43293	2.56%	0.153%
81	14.079	1089	1093	1095	rBV	139002	220744	13.03%	0.781%
82	14.114	1095	1096	1097	rVV	72032	62951	3.72%	0.223%
83	14.171	1099	1101	1102	rVV2	55599	94776	5.59%	0.335%
84	14.205	1102	1104	1107	rVB3	70863	151975	8.97%	0.538%
85	14.399	1119	1121	1125	rBV3	45207	91829	5.42%	0.325%
86	14.559	1133	1135	1137	rBV	52791	73875	4.36%	0.261%
87	14.697	1144	1147	1151	rBV	485473	1062441	62.71%	3.760%
88	14.754	1151	1152	1153	rVV	68280	58045	3.43%	0.205%
89	14.777	1153	1154	1157	rVB	88257	112113	6.62%	0.397%
90	14.948	1166	1169	1171	rBV	227459	334154	19.72%	1.183%
91	14.994	1171	1173	1176	rBV	305874	425254	25.10%	1.505%
92	15.051	1176	1178	1179	rBV	218702	266901	15.75%	0.945%
93	15.234	1192	1194	1198	rVB4	47947	85207	5.03%	0.302%
94	15.428	1208	1211	1213	rBV	74783	134221	7.92%	0.475%
95	16.285	1283	1286	1290	rBV	168712	354593	20.93%	1.255%
96	16.422	1295	1298	1301	rBV3	31034	84624	4.99%	0.300%
97	16.480	1301	1303	1306	rVB2	37659	61828	3.65%	0.219%
98	16.651	1315	1318	1330	rVV	121212	332671	19.64%	1.177%
99	16.868	1334	1337	1344	rVB	36148	103980	6.14%	0.368%
100	18.526	1478	1482	1488	rBV	24436	98108	5.79%	0.347%

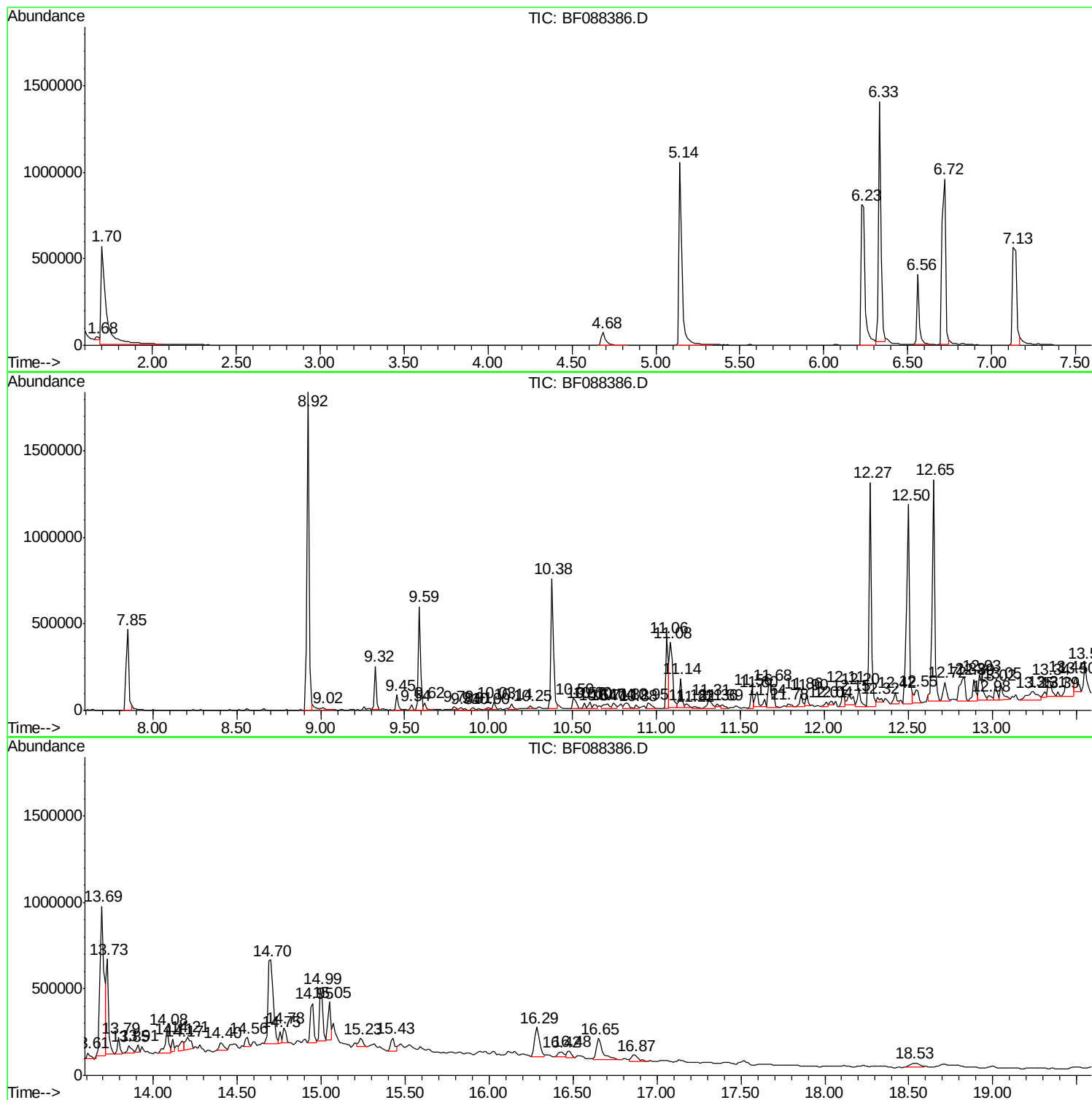
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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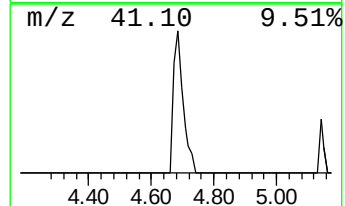
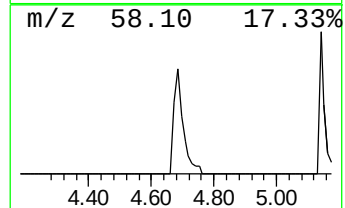
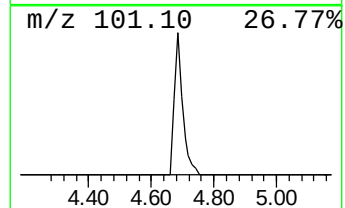
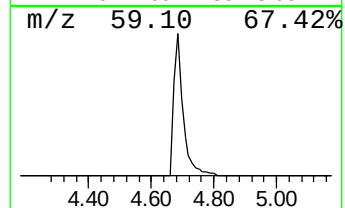
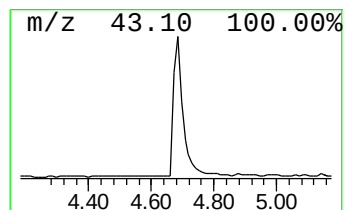
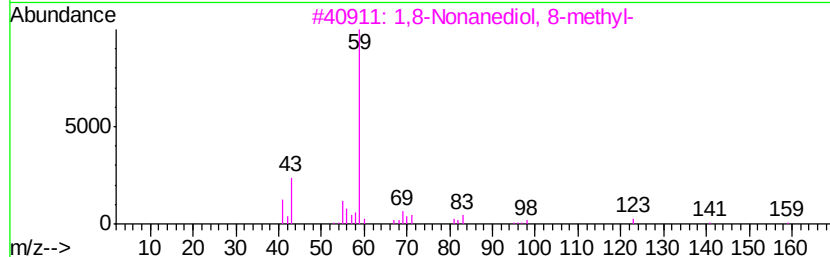
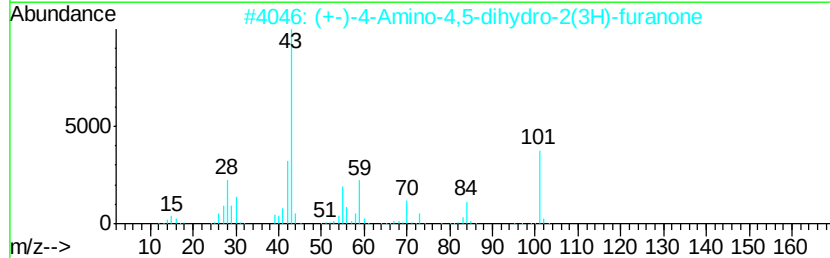
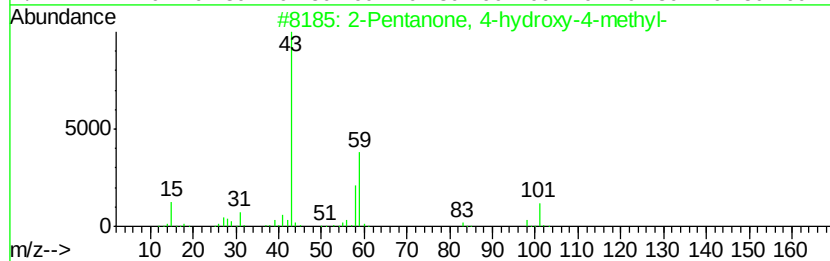
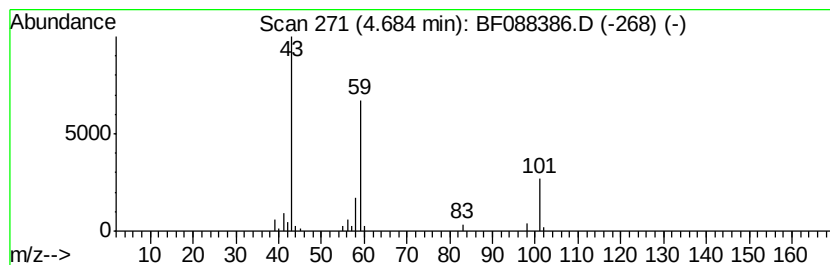
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	6.92 ng	143762	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17



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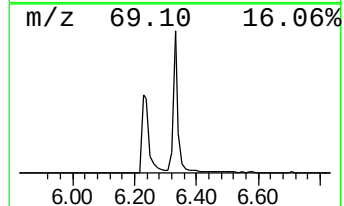
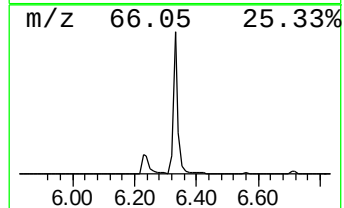
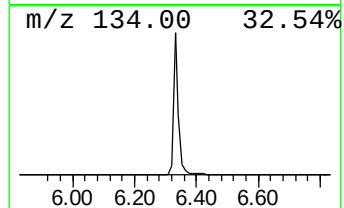
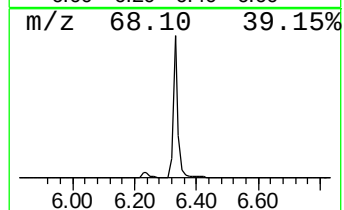
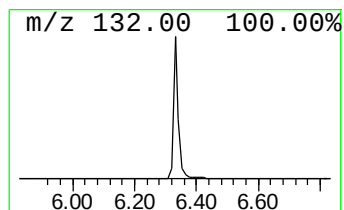
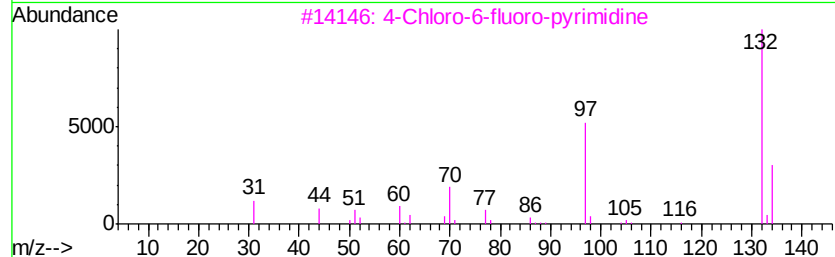
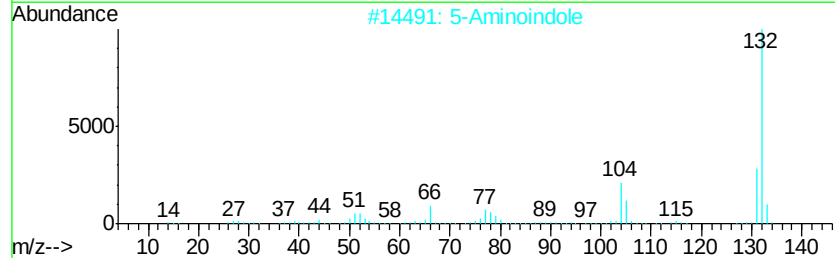
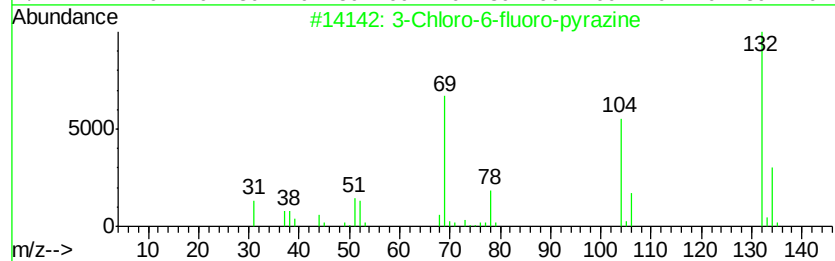
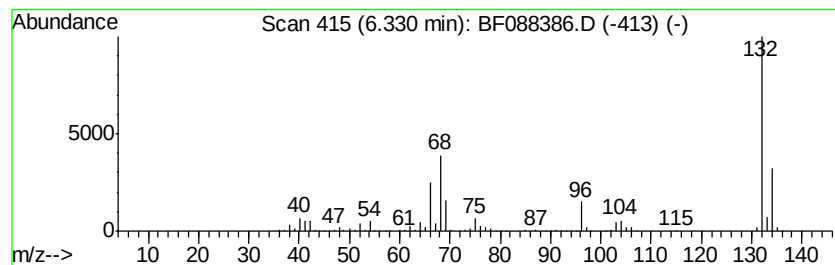
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	69.27 ng	1438700	1,4-Dichlorobenzene-d4	6.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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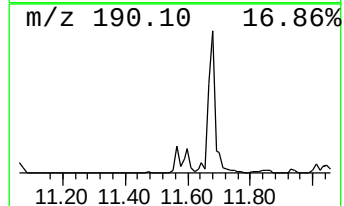
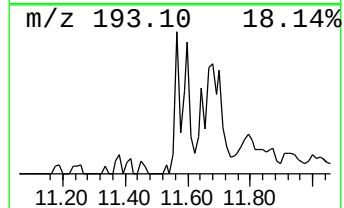
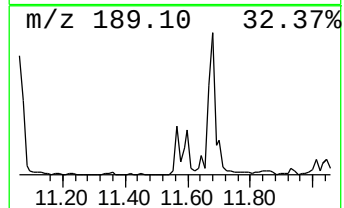
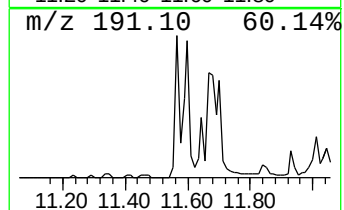
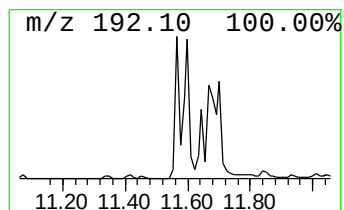
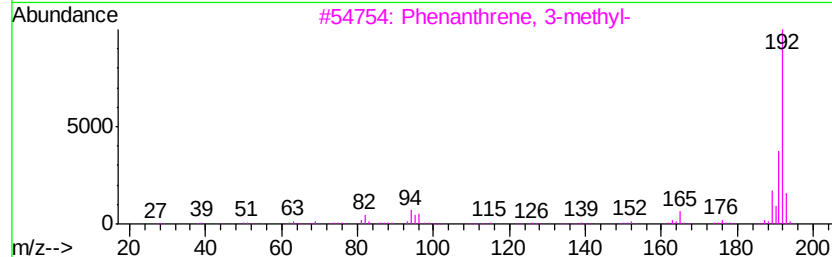
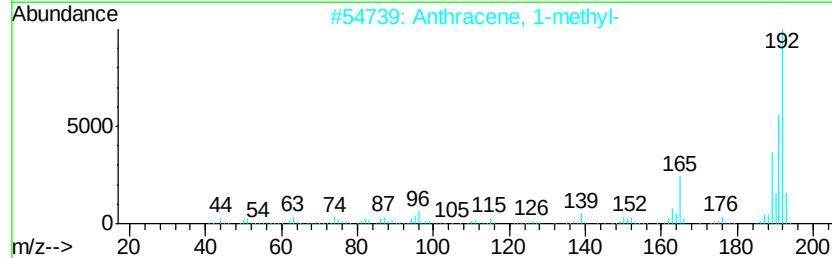
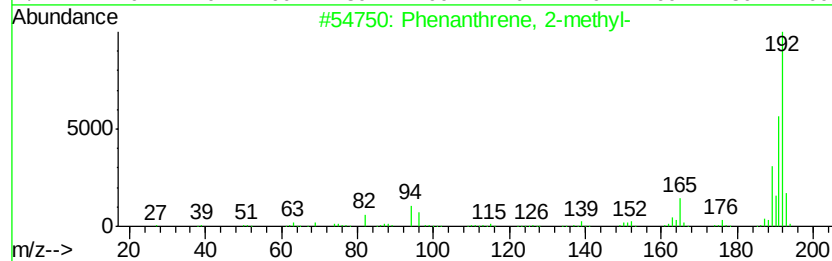
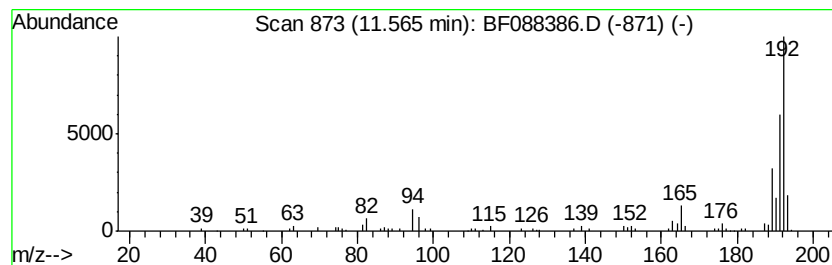
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.25 ng	98274	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1511(0-4)

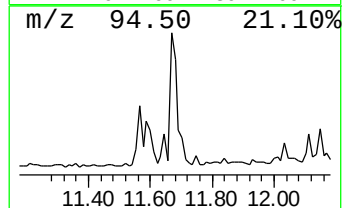
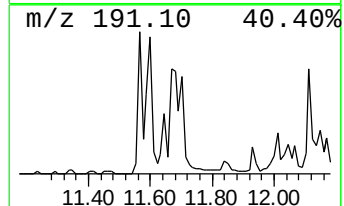
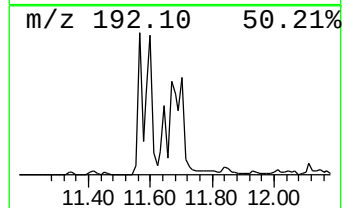
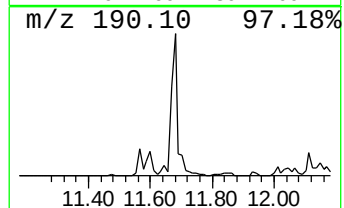
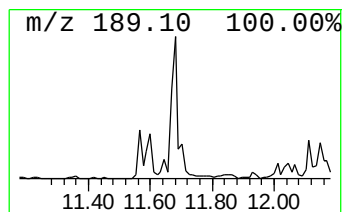
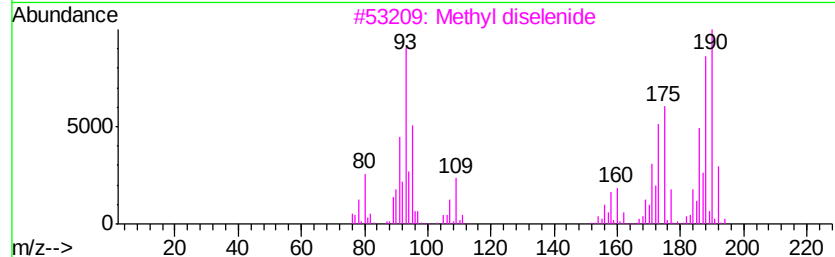
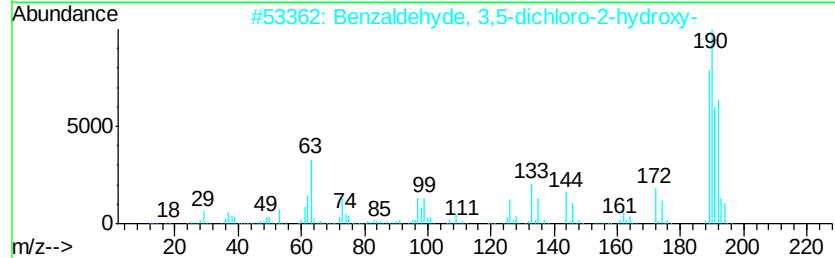
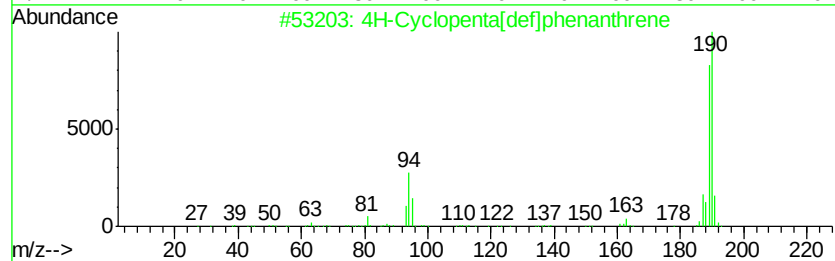
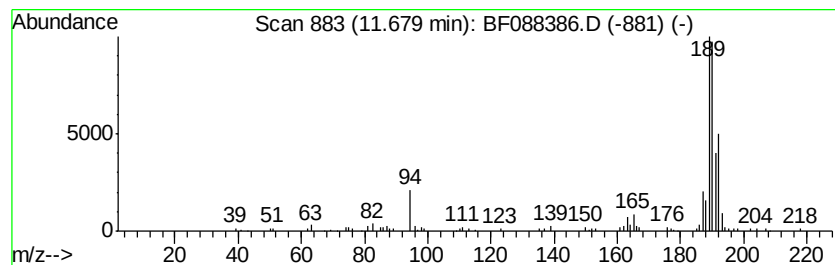
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	12.04 ng	278206	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
3		Methyl diselenide	190	C2H6Se2	007101-31-7	45
4		2,6-Dichlorobenzaloxime	189	C7H5Cl2NO	025185-95-9	30
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
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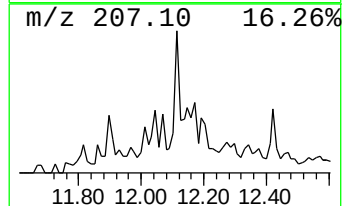
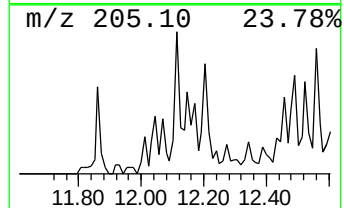
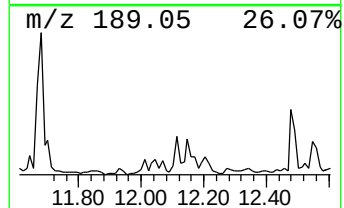
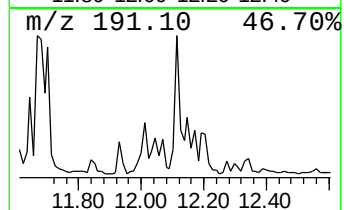
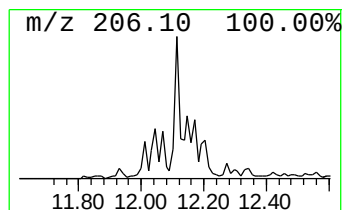
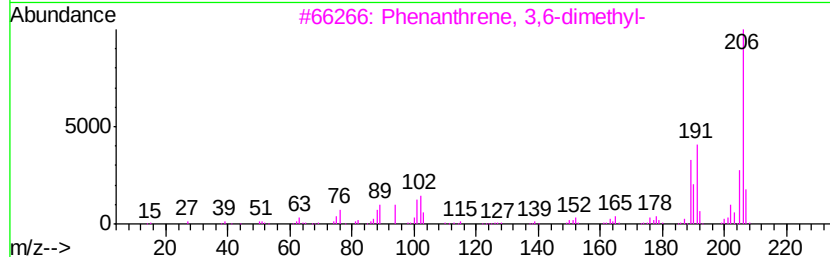
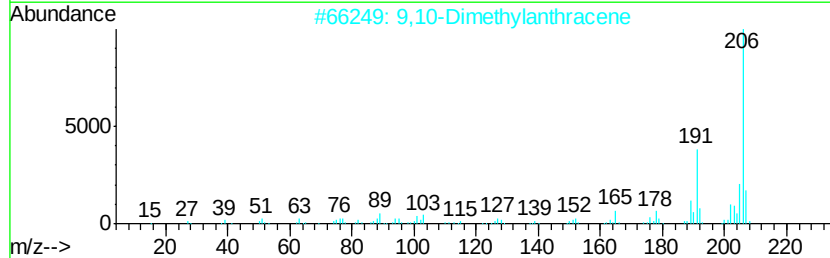
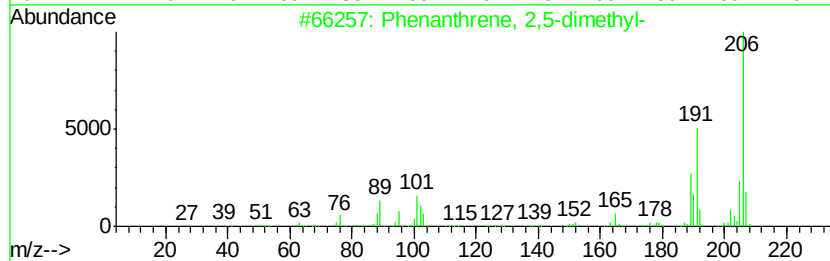
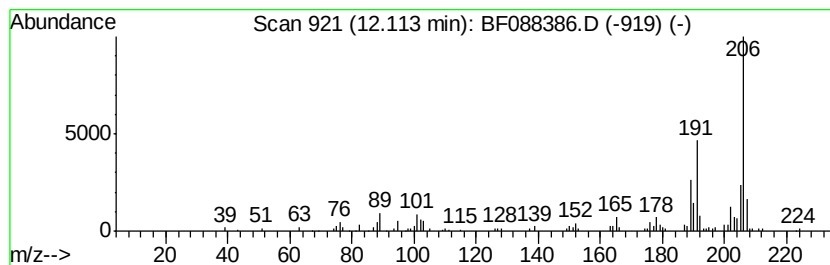
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.11	5.01 ng	115813	Phenanthrene-d10	11.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

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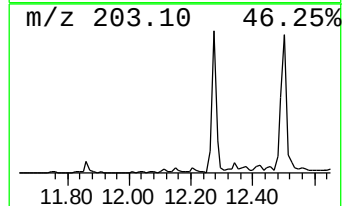
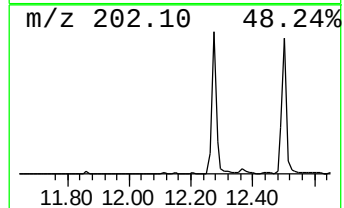
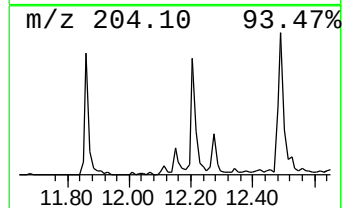
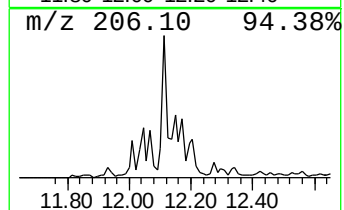
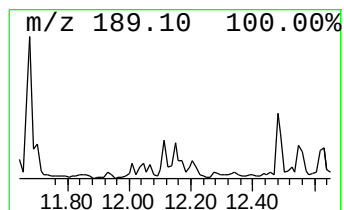
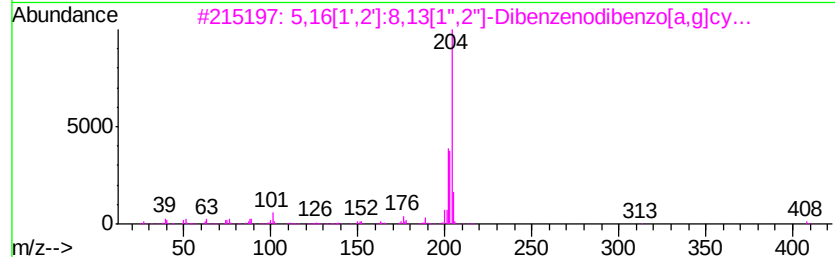
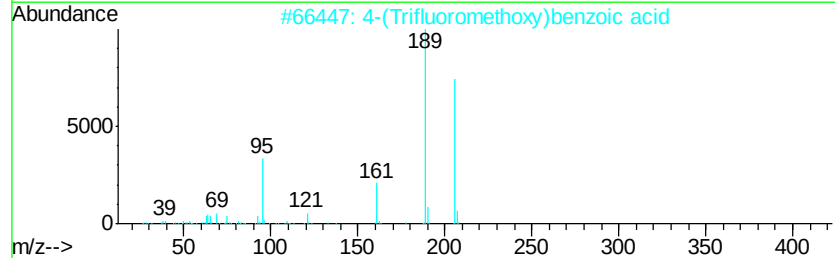
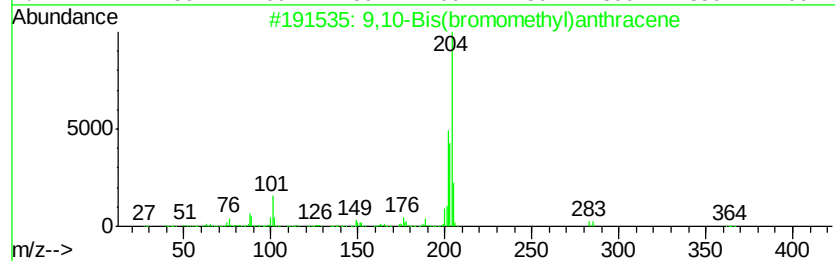
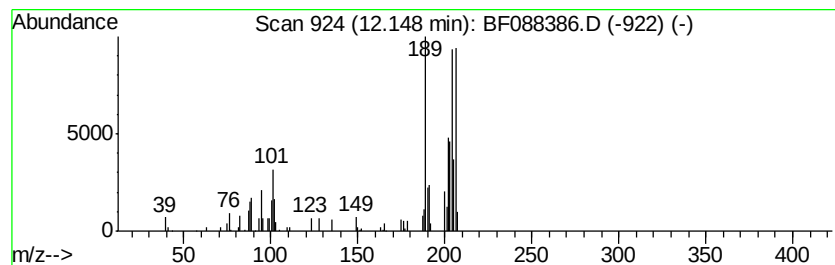
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.15 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.57 ng	105615	Phenanthrene-d10	11.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35		
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30		
3	5,16[1',2':8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	27		
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	25		
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	22		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

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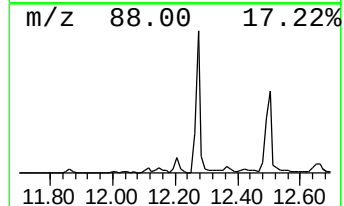
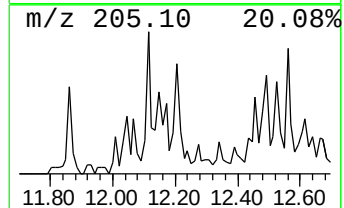
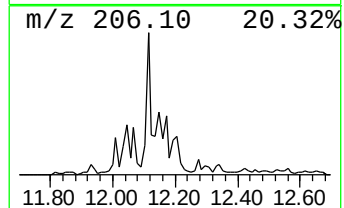
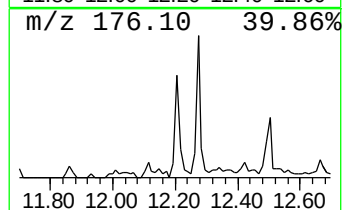
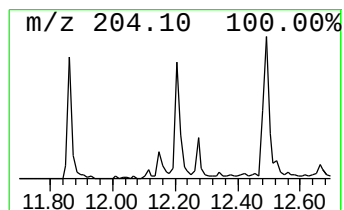
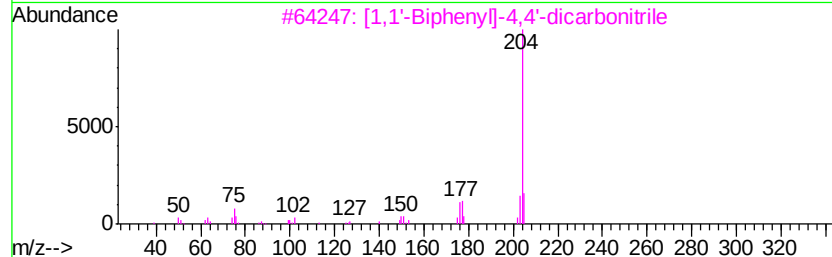
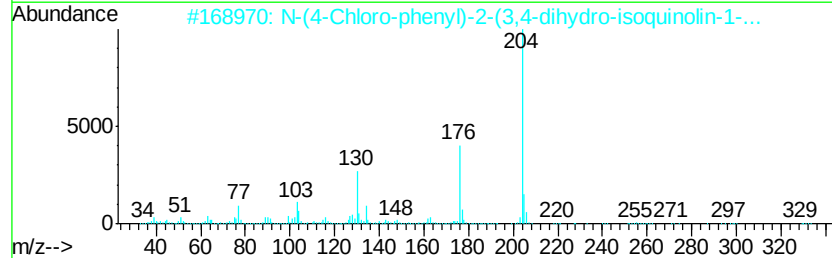
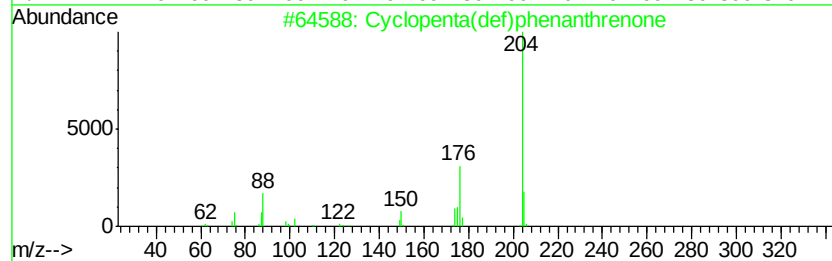
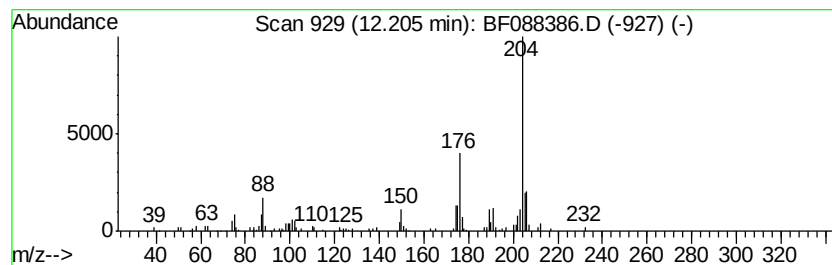
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	5.88 ng	135940	Phenanthrene-d10	11.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5			4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
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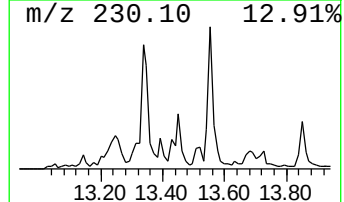
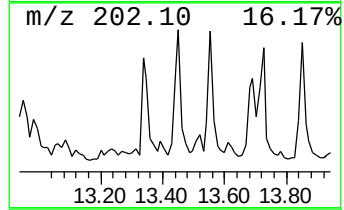
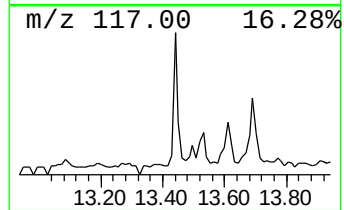
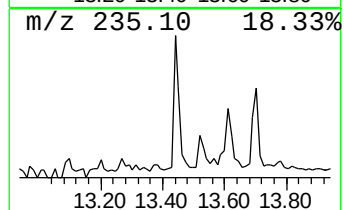
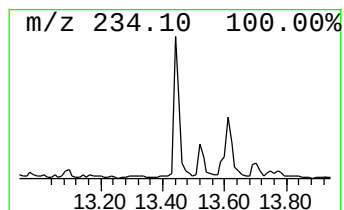
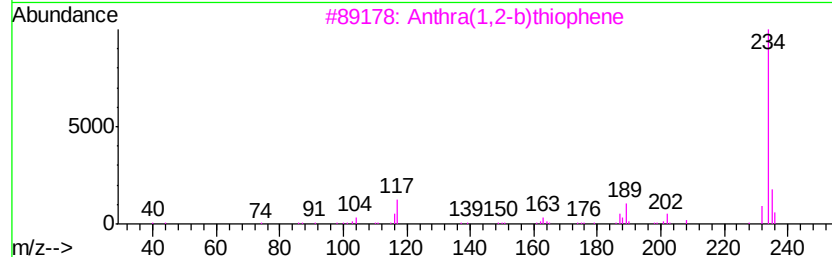
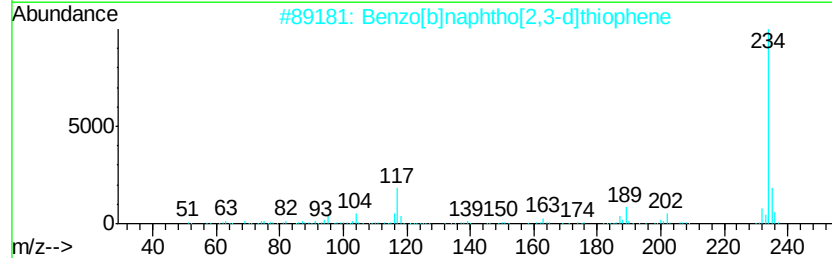
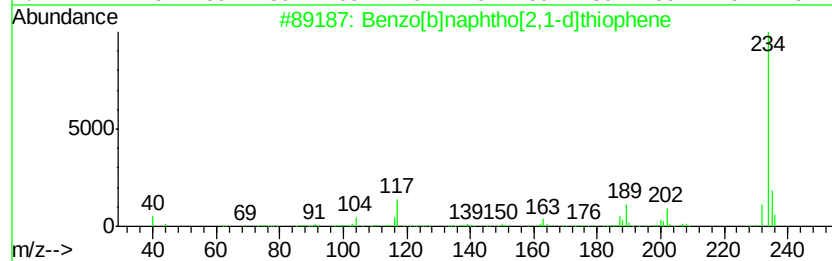
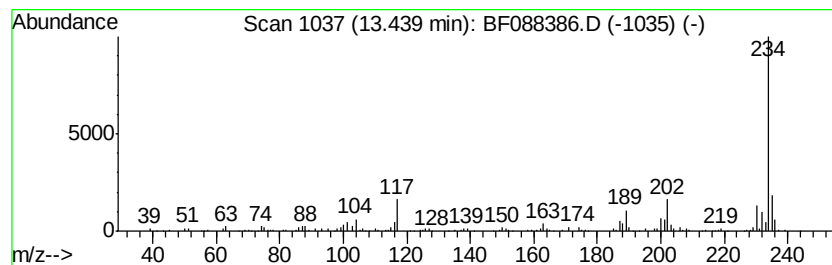
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.40 ng	344519	Chrysene-d12	13.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
5		Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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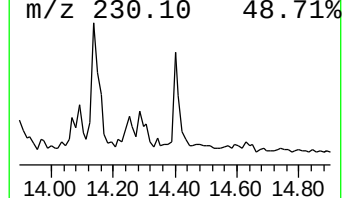
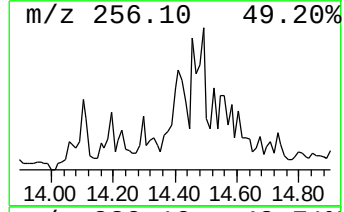
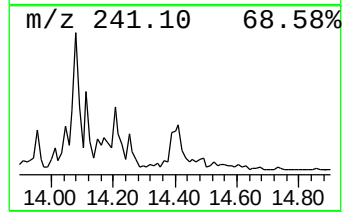
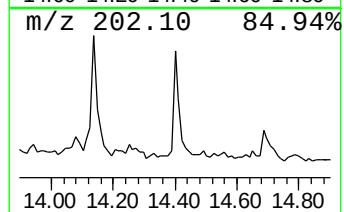
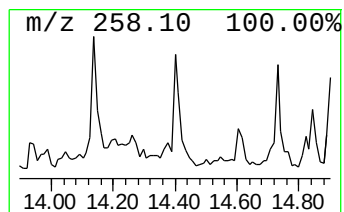
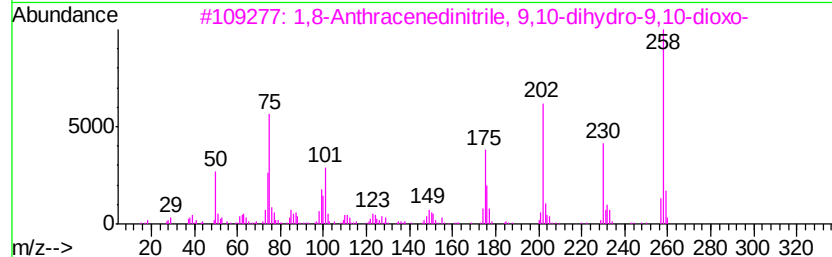
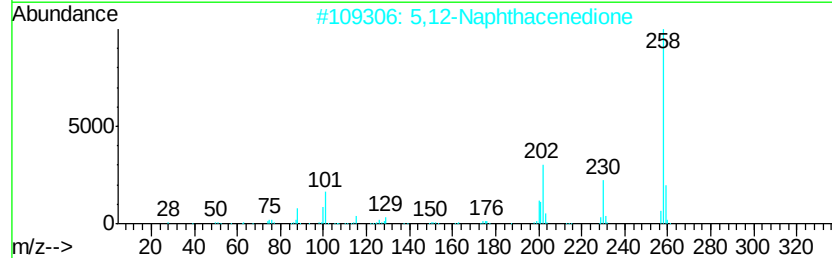
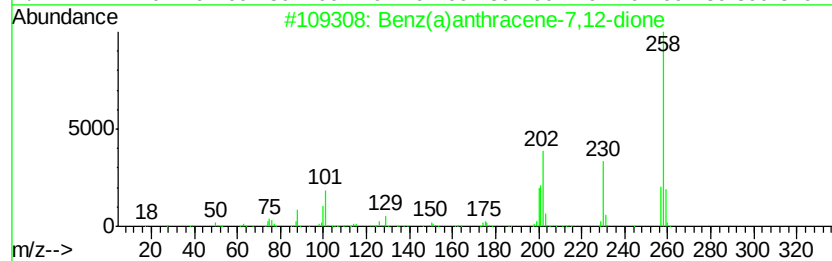
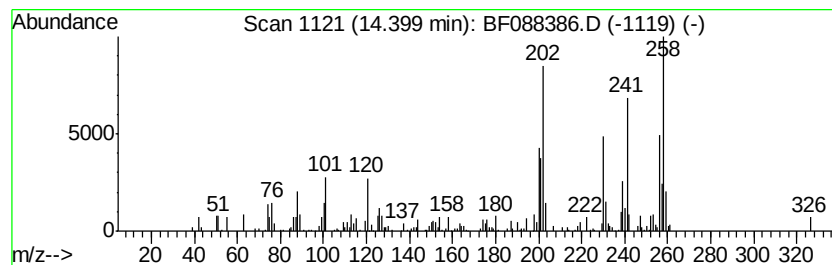
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benz(a)anthracene-7,12-dione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.40	6.88 ng	91829	Perylene-d12		15.05		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	91
3			1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	41
4			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	40
5			9,10-Anthracenedione, 1-chloro-4...	258	C14H7ClO3	000082-42-8	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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Acq On : 25 Jun 2016 19:39
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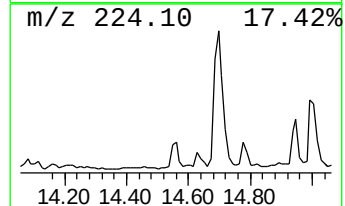
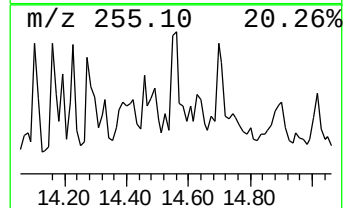
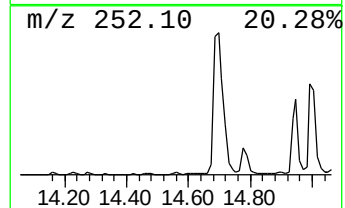
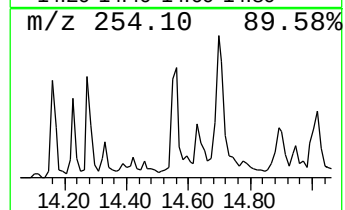
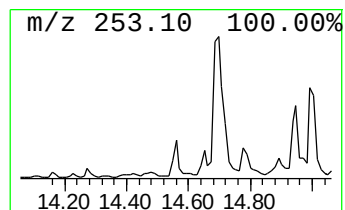
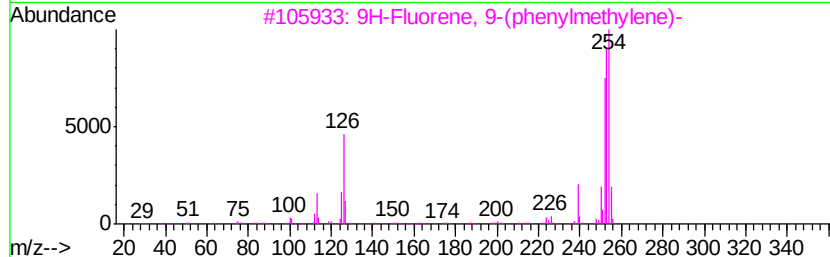
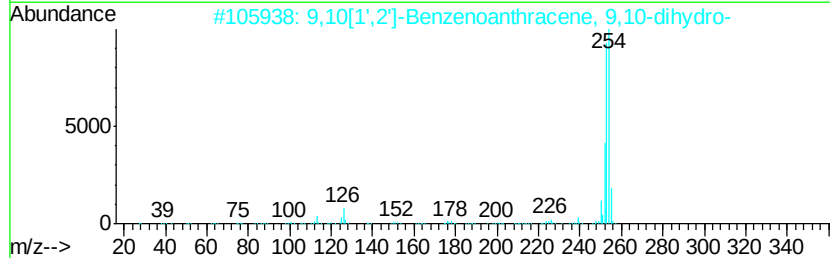
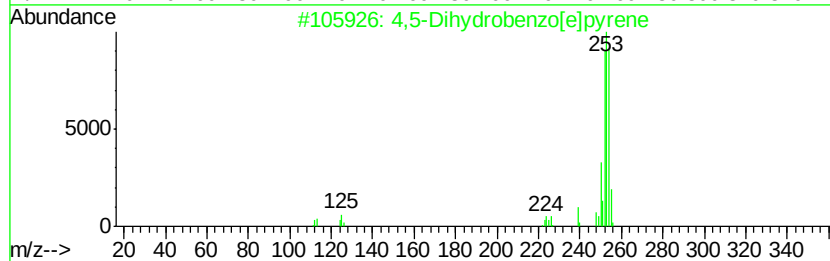
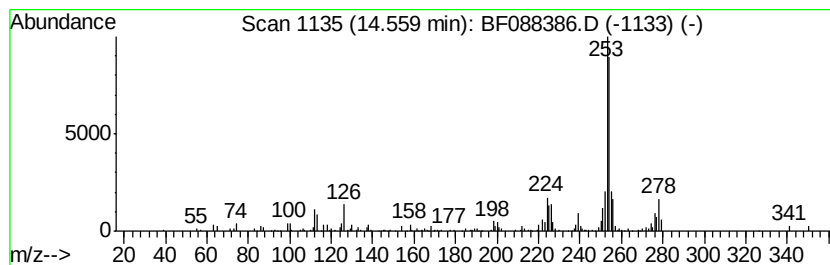
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,5-Dihydrobenzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	5.54 ng	73875	Perylene-d12	15.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
2			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
3			9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
4			1,2'-Binaphthalene	254	C20H14	004325-74-0	64
5			3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-STA-1511(0-4)

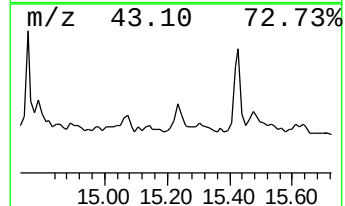
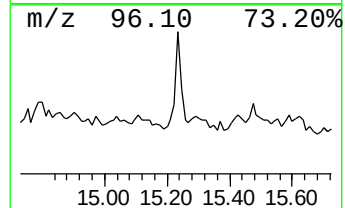
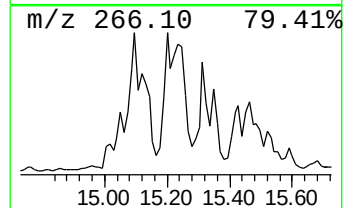
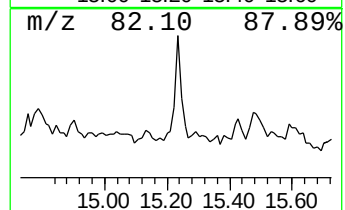
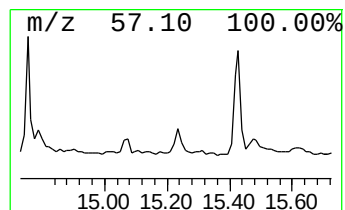
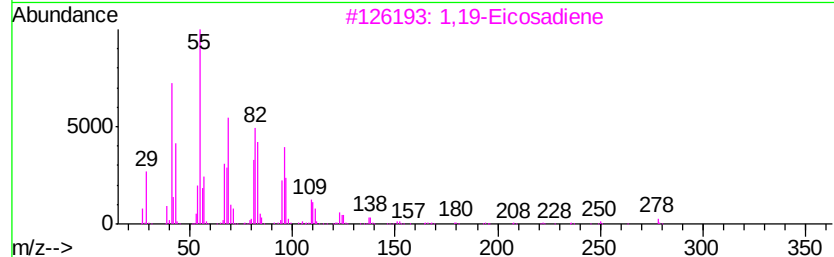
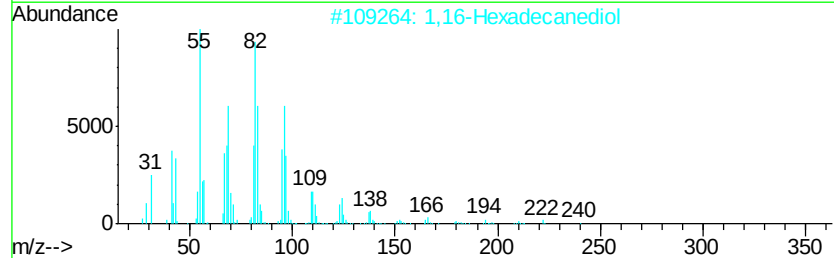
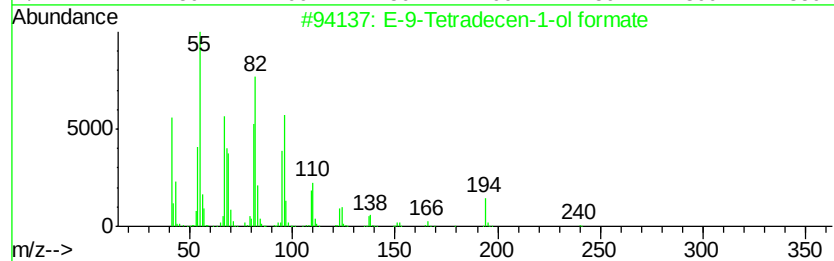
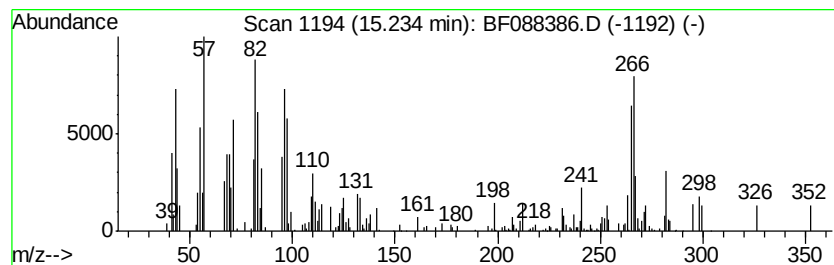
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.23 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.38 ng	85207	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	38
2		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	38
3		1,19-Eicosadiene	278	C20H38	014811-95-1	38
4		Ethanone, 1-(2-furyl)-2-(2,3-dih...	267	C17H17NO2	064473-19-4	35
5		11-Dodecen-1-ol, 2,4,6-trimethyl...	226	C15H30O	027829-54-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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SC-STA-1511(0-4)

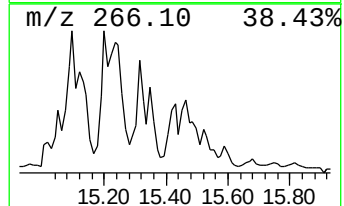
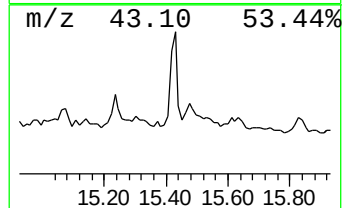
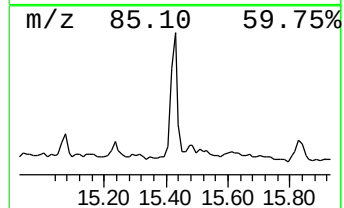
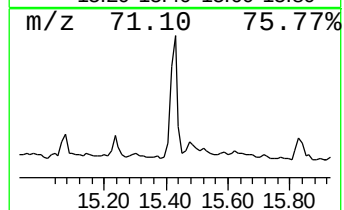
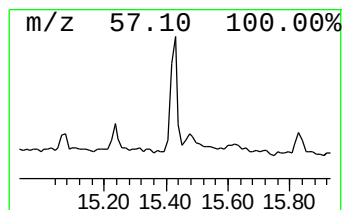
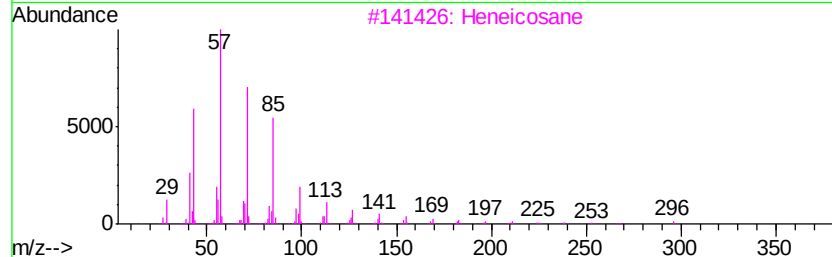
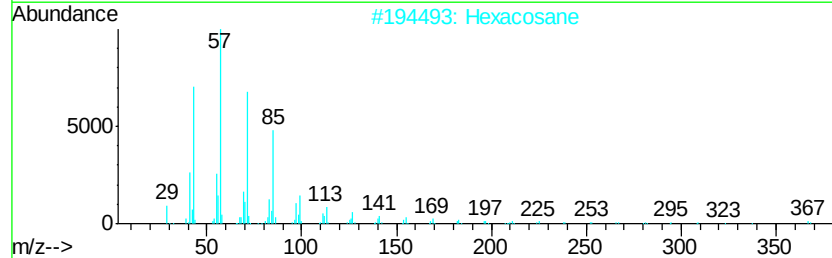
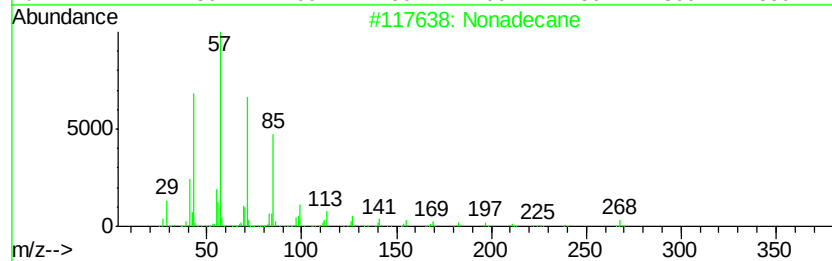
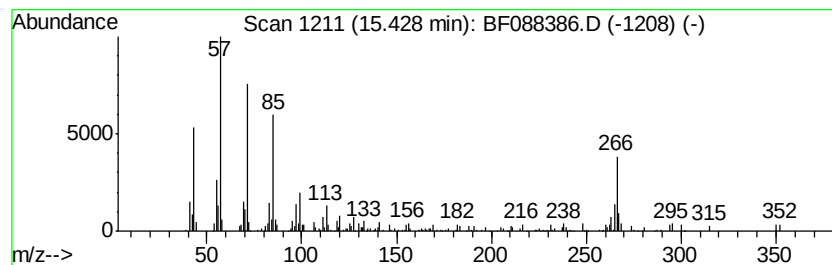
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	10.06 ng	134221	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Hexacosane	366	C26H54	000630-01-3	60
3		Heneicosane	296	C21H44	000629-94-7	60
4		2-methyloctacosane	408	C29H60	1000376-72-8	60
5		Octadecane	254	C18H38	000593-45-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SC-STA-1511(0-4)

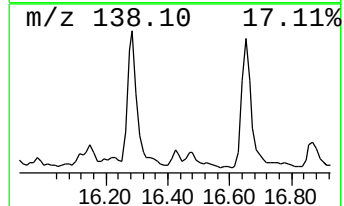
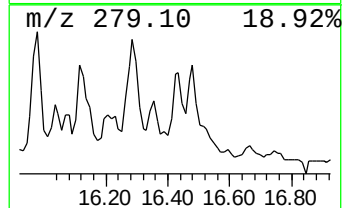
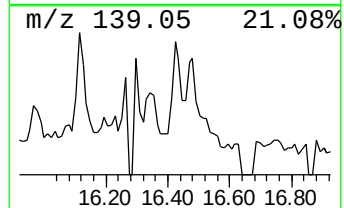
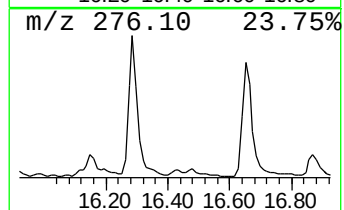
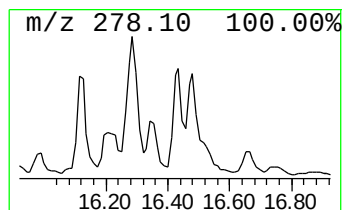
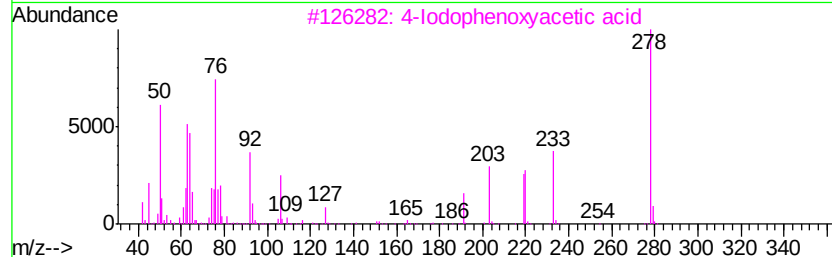
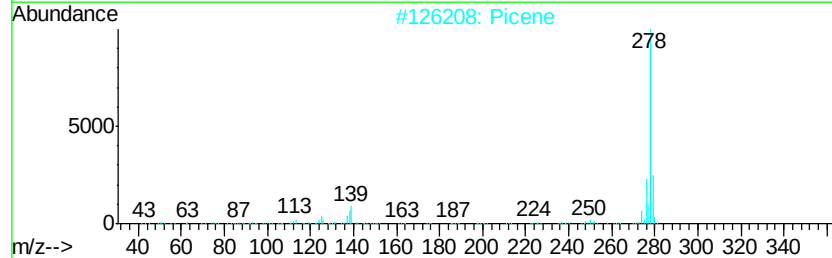
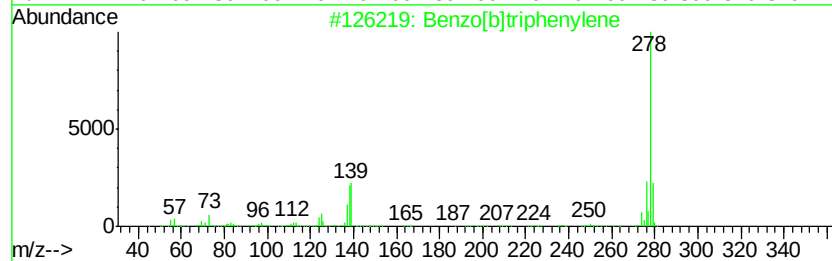
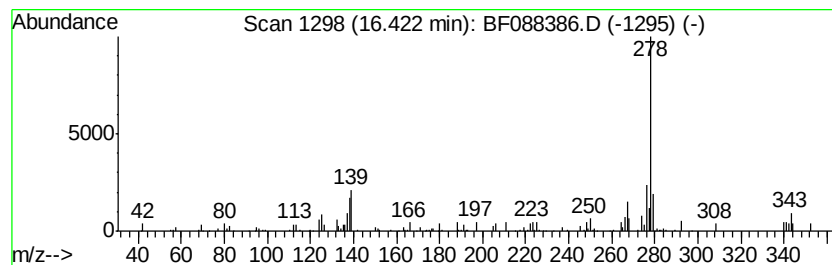
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	6.34 ng	84624	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Picene	278	C22H14	000213-46-7	86
3		4-Iodophenoxvacetic acid	278	C8H7IO3	001878-94-0	83
4		Benzo[b]chrysene	278	C22H14	000214-17-5	70
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088386.D
Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
Sample : H3624-23
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SC-STA-1511(0-4)

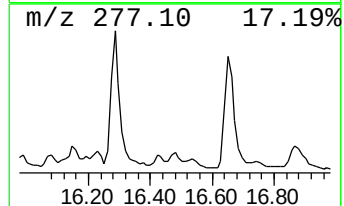
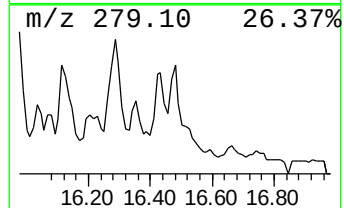
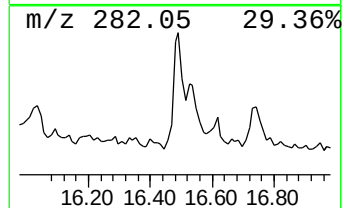
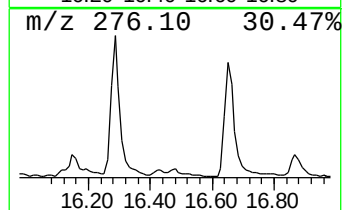
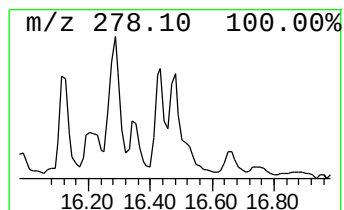
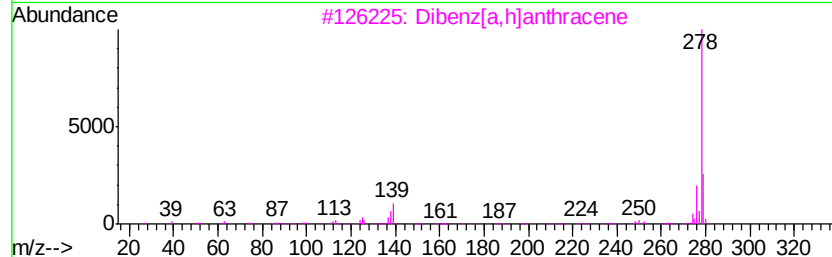
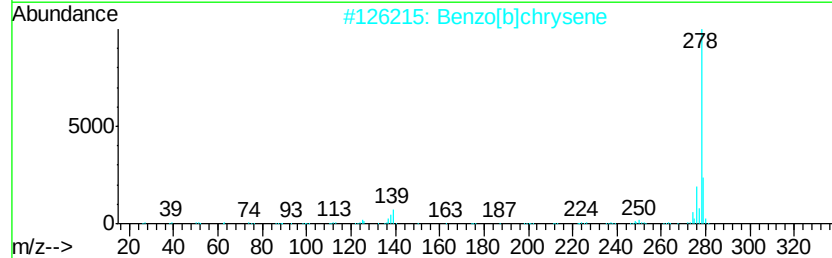
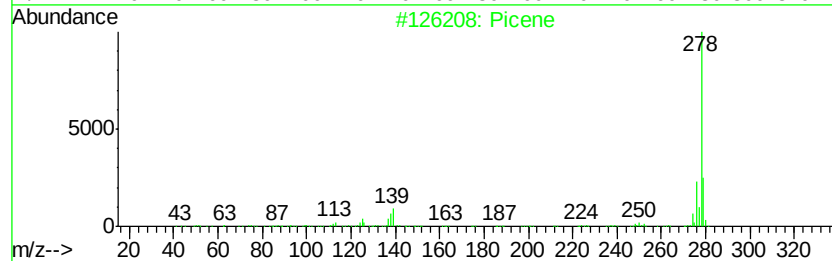
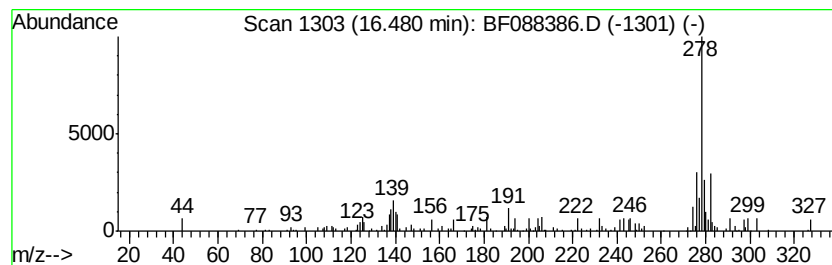
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	4.63 ng	61828	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	78
2		Benzo[b]chrysene	278	C22H14	000214-17-5	70
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
4		Pentacene	278	C22H14	000135-48-8	55
5		Pentaphene	278	C22H14	000222-93-5	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
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Acq On : 25 Jun 2016 19:39
Operator : UM/SJ
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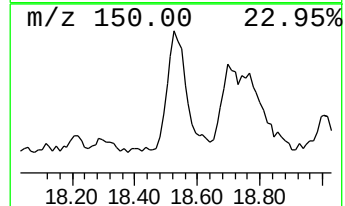
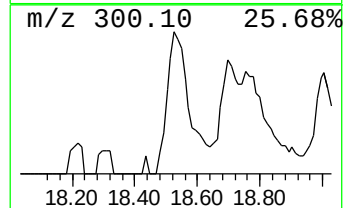
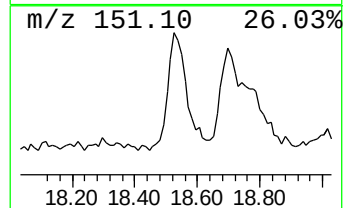
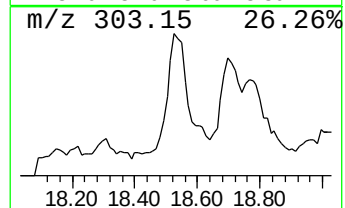
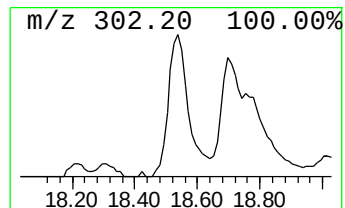
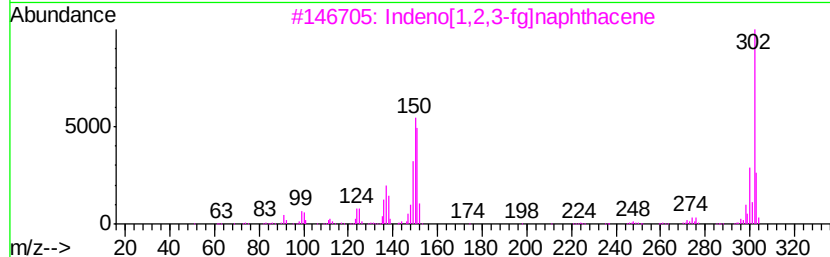
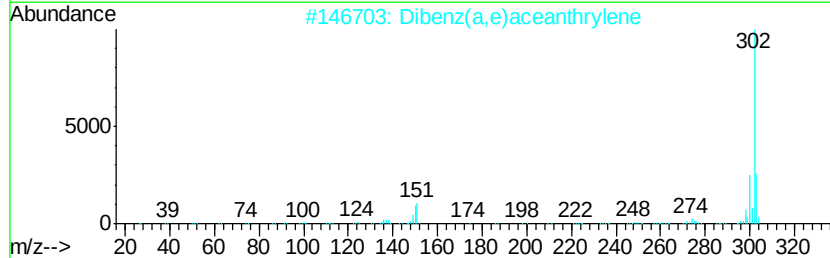
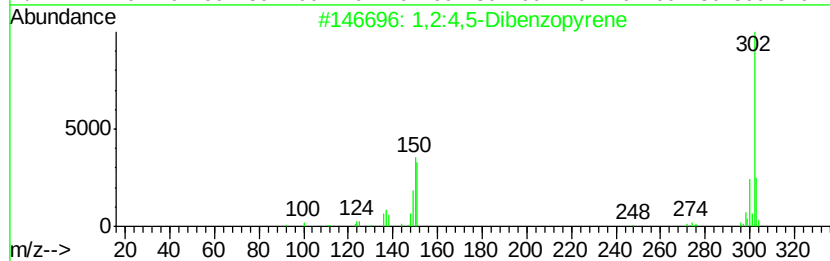
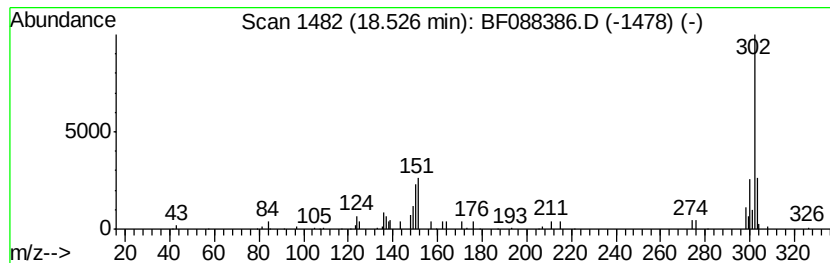
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	7.35 ng	98108	Perylene-d12	15.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	93
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	81
3			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	81
4			Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	74
5			1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64



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 ALS Vial : 36 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown6.33	6.33	69.3	ng	1438700	1	6.56	415382	20.0
Phenanthrene, 2-m...	11.56	4.3	ng	98274	4	11.06	462008	20.0
4H-Cyclopenta[def...	11.68	12.0	ng	278206	4	11.06	462008	20.0
Phenanthrene, 2,5...	12.11	5.0	ng	115813	4	11.06	462008	20.0
unknown12.15	12.15	4.6	ng	105615	4	11.06	462008	20.0
Cyclopenta(def)ph...	12.20	5.9	ng	135940	4	11.06	462008	20.0
Benzo[b]naphtho[2...	13.44	4.4	ng	344519	5	13.69	1566760	20.0
Benz(a)anthracene...	14.40	6.9	ng	91829	6	15.05	266901	20.0
4,5-Dihydrobenzo[...	14.56	5.5	ng	73875	6	15.05	266901	20.0
unknown15.23	15.23	6.4	ng	85207	6	15.05	266901	20.0
Nonadecane	15.43	10.1	ng	134221	6	15.05	266901	20.0
Benzo[b]triphenylene	16.42	6.3	ng	84624	6	15.05	266901	20.0
Picene	16.48	4.6	ng	61828	6	15.05	266901	20.0
1,2:4,5-Dibenzopy...	18.53	7.3	ng	98108	6	15.05	266901	20.0