

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080787.D
 Acq On : 1 Aug 2015 18:30
 Operator : TP/UM
 Sample : G3090-03
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS3-072315

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-BF073015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.396	199	202	206	rVB	116917	159218	3.34%	0.301%
2	5.059	255	260	262	rBV	2959881	4766164	100.00%	8.999%
3	5.459	292	295	297	rBV	3146841	3380620	70.93%	6.383%
4	5.859	328	330	333	rVB	242391	222067	4.66%	0.419%
5	6.476	381	384	387	rBV	2642037	3435914	72.09%	6.487%
6	6.613	394	396	399	rBV	2504634	3469060	72.79%	6.550%
7	6.853	415	417	419	rBV	828268	730366	15.32%	1.379%
8	7.002	428	430	433	rVB	1481337	1802134	37.81%	3.403%
9	7.413	463	466	468	rBV	2311967	2239183	46.98%	4.228%
10	8.133	526	529	531	rBV	1021025	912496	19.15%	1.723%
11	9.207	620	623	626	rBV	3079343	2848492	59.76%	5.378%
12	9.608	655	658	660	rVB	351318	461177	9.68%	0.871%
13	9.882	680	682	684	rBV	925203	863597	18.12%	1.631%
14	9.916	684	685	687	rVB	140397	101638	2.13%	0.192%
15	10.088	698	700	701	rBV	67777	56500	1.19%	0.107%
16	10.316	714	720	722	rBV2	46114	83423	1.75%	0.158%
17	10.430	728	730	732	rBV	83252	82942	1.74%	0.157%
18	10.545	732	740	741	rVV5	25065	75924	1.59%	0.143%
19	10.670	748	751	753	rVV	1813826	1898856	39.84%	3.585%
20	10.796	760	762	766	rVV	80567	105463	2.21%	0.199%
21	10.979	775	778	782	rBV3	29823	63842	1.34%	0.121%
22	11.128	786	791	793	rVV3	26418	59316	1.24%	0.112%
23	11.162	793	794	797	rVB	83348	90953	1.91%	0.172%
24	11.242	799	801	806	rVB2	80435	153919	3.23%	0.291%
25	11.368	809	812	813	rVV	723530	1071667	22.48%	2.023%
26	11.391	813	814	815	rVV	1333012	930767	19.53%	1.757%
27	11.436	815	818	820	rVV	306449	293967	6.17%	0.555%
28	11.585	829	831	833	rBV2	101926	157901	3.31%	0.298%
29	11.665	836	838	839	rBV	89076	75499	1.58%	0.143%
30	11.859	853	855	856	rBV	115155	137215	2.88%	0.259%
31	11.893	856	858	860	rVV	351636	375164	7.87%	0.708%
32	11.939	860	862	863	rVV	81674	104251	2.19%	0.197%
33	11.973	863	865	869	rVV2	244688	343159	7.20%	0.648%
34	12.065	869	873	879	rVV5	52954	116687	2.45%	0.220%

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35	12.156	879	881	885	rVB2	232353	391514	8.21%	0.739%
36	12.408	900	903	905	rBV	78003	103644	2.17%	0.196%
37	12.454	905	907	909	rVV2	38966	69137	1.45%	0.131%
38	12.488	909	910	913	rVB2	106377	132626	2.78%	0.250%
39	12.568	915	917	920	rBV	1344921	1811121	38.00%	3.419%
40	12.625	920	922	924	rVB2	35540	48055	1.01%	0.091%
41	12.716	924	930	934	rBV5	59503	182830	3.84%	0.345%
42	12.796	934	937	939	rBV	1346083	1787715	37.51%	3.375%
43	12.842	939	941	944	rVB3	75336	143792	3.02%	0.271%
44	12.945	948	950	953	rVB	2333106	2319094	48.66%	4.379%
45	13.014	953	956	960	rBV3	94437	225224	4.73%	0.425%
46	13.128	960	966	967	rBV3	129314	271598	5.70%	0.513%
47	13.185	970	971	973	rBV2	55943	75708	1.59%	0.143%
48	13.231	973	975	976	rBV	158082	173973	3.65%	0.328%
49	13.322	981	983	984	rVB	67264	61780	1.30%	0.117%
50	13.345	984	985	988	rBV2	52827	100807	2.12%	0.190%
51	13.482	995	997	999	rBV2	56524	97469	2.05%	0.184%
52	13.528	999	1001	1004	rVB3	70061	101219	2.12%	0.191%
53	13.631	1007	1010	1012	rBV	183409	216329	4.54%	0.408%
54	13.734	1017	1019	1021	rBV2	157389	242952	5.10%	0.459%
55	13.791	1021	1024	1026	rBV3	127751	277801	5.83%	0.525%
56	13.837	1026	1028	1032	rVB	242261	280381	5.88%	0.529%
57	13.905	1032	1034	1037	rBV	38382	83223	1.75%	0.157%
58	13.985	1037	1041	1043	rBV	1320240	2103821	44.14%	3.972%
59	14.019	1043	1044	1046	rVB	978943	720366	15.11%	1.360%
60	14.099	1047	1051	1052	rBV2	117028	140796	2.95%	0.266%
61	14.179	1052	1058	1059	rBV4	102487	187035	3.92%	0.353%
62	14.214	1059	1061	1063	rVB2	114371	153415	3.22%	0.290%
63	14.248	1063	1064	1067	rVB	55955	61067	1.28%	0.115%
64	14.317	1067	1070	1071	rBV	74747	80409	1.69%	0.152%
65	14.374	1073	1075	1077	rVB	139147	150796	3.16%	0.285%
66	14.408	1077	1078	1080	rVB2	110615	109167	2.29%	0.206%
67	14.465	1081	1083	1085	rBV3	60647	75216	1.58%	0.142%
68	14.499	1085	1086	1087	rBV	75189	65250	1.37%	0.123%
69	14.568	1090	1092	1095	rVB4	46464	87249	1.83%	0.165%
70	14.671	1099	1101	1103	rBV3	80139	121219	2.54%	0.229%
71	14.751	1106	1108	1114	rBV	285034	366740	7.69%	0.692%

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72	14.854	1114	1117	1121	rVB2	74281	167028	3.50%	0.315%
73	14.922	1121	1123	1124	rBV	51445	53135	1.11%	0.100%
74	15.014	1128	1131	1135	rBV	940959	2061414	43.25%	3.892%
75	15.105	1137	1139	1142	rVB	168919	202380	4.25%	0.382%
76	15.197	1145	1147	1150	rBV3	65948	168834	3.54%	0.319%
77	15.300	1153	1156	1158	rBV	501348	720066	15.11%	1.360%
78	15.357	1158	1161	1164	rVB	846338	984865	20.66%	1.859%
79	15.414	1164	1166	1168	rBV	648560	922985	19.37%	1.743%
80	15.574	1177	1180	1182	rBV3	50708	114793	2.41%	0.217%
81	16.637	1269	1273	1277	rVB3	82783	214690	4.50%	0.405%
82	16.797	1283	1287	1291	rVB2	413622	793942	16.66%	1.499%
83	16.957	1299	1301	1303	rVB	73443	97525	2.05%	0.184%
84	17.014	1303	1306	1308	rBV	63942	113427	2.38%	0.214%
85	17.208	1319	1323	1331	rVB	298515	635640	13.34%	1.200%
86	17.425	1339	1342	1349	rVB2	72310	176661	3.71%	0.334%
87	19.494	1520	1523	1527	rVB2	37139	85932	1.80%	0.162%
88	20.443	1602	1606	1612	rVB4	40427	161224	3.38%	0.304%

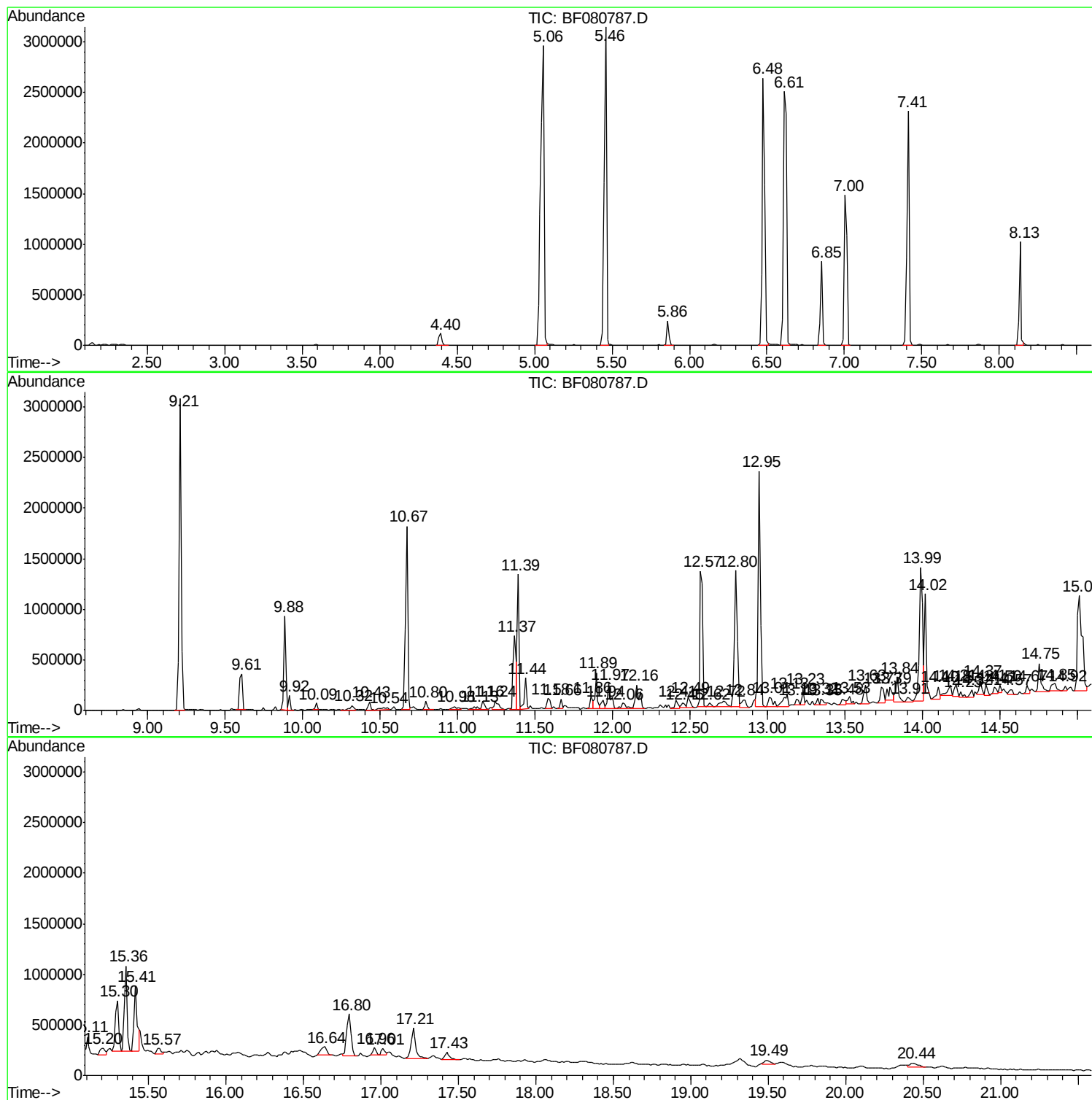
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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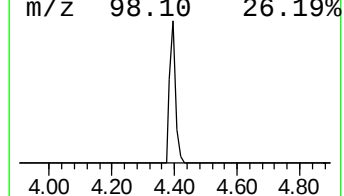
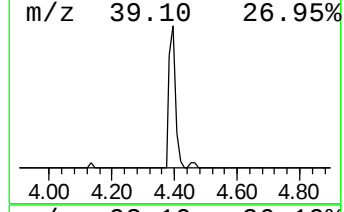
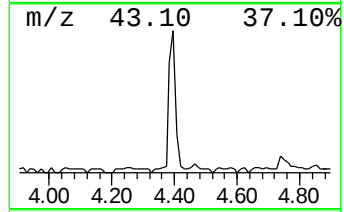
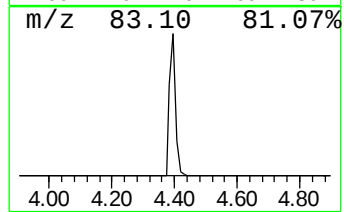
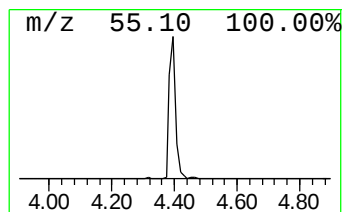
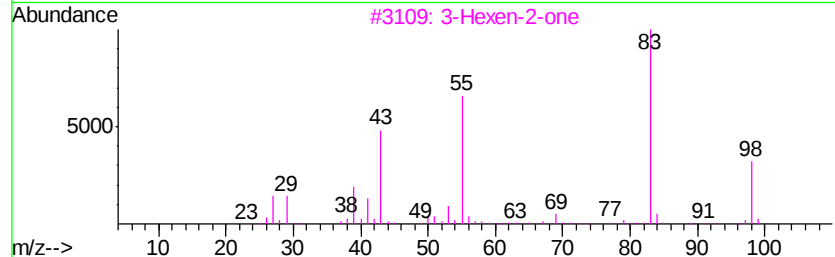
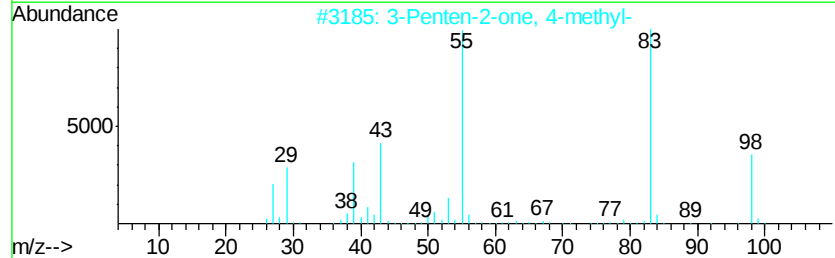
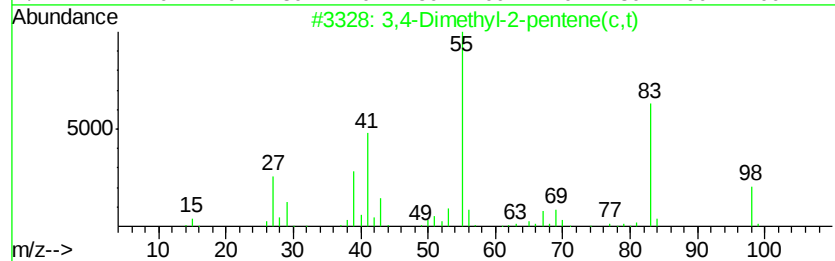
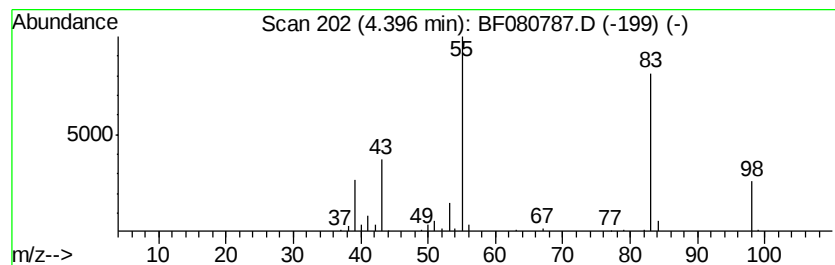
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3,4-Dimethyl-2-pentene(c,t) Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.36 ng	159218	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
3			3-Hexen-2-one	98	C6H10O	000763-93-9	86
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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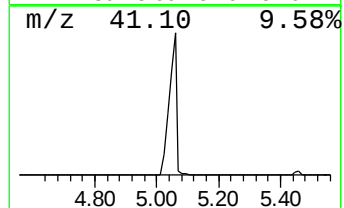
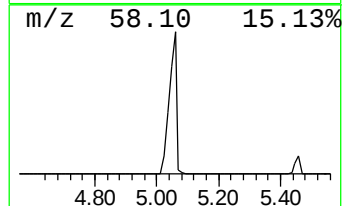
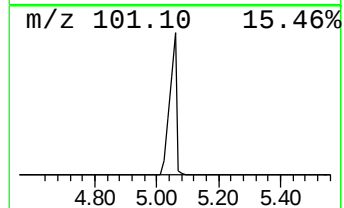
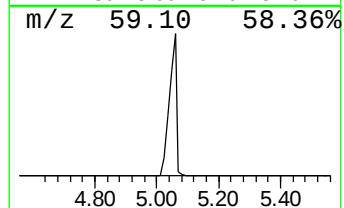
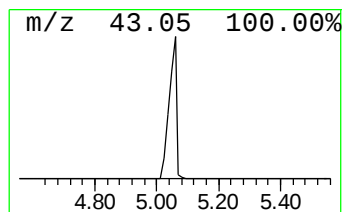
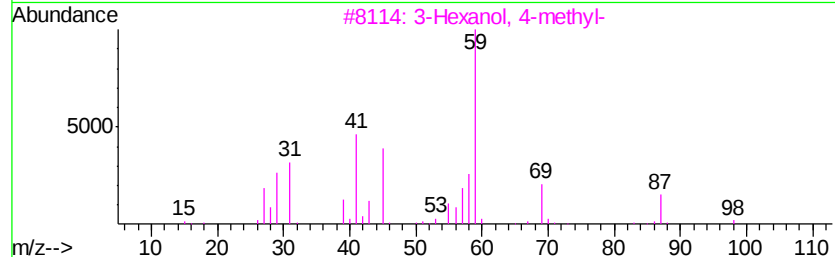
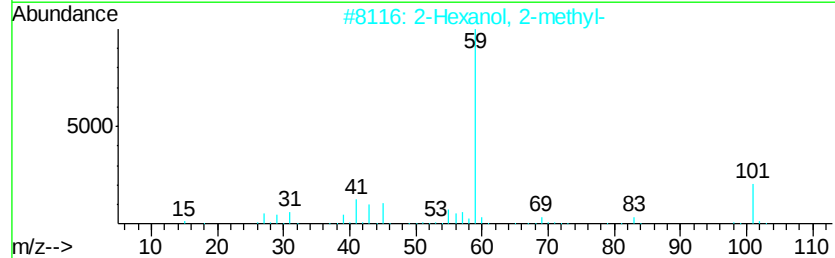
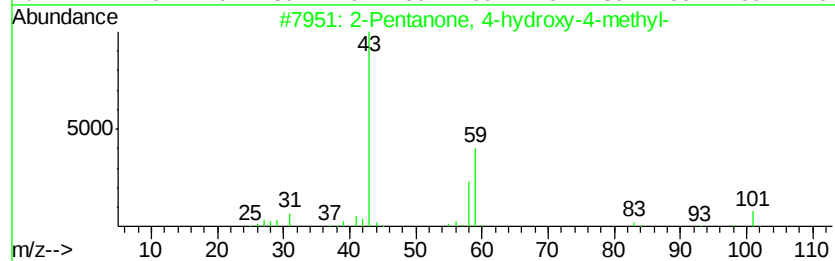
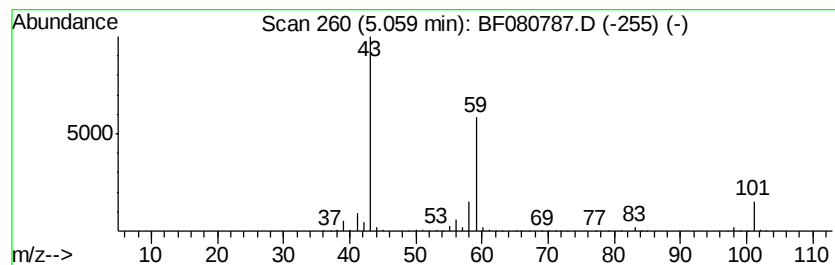
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	130.51 ng	4766160	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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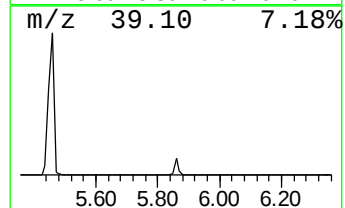
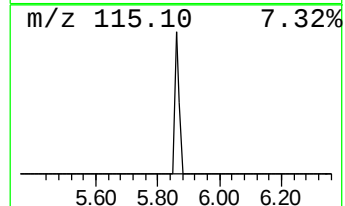
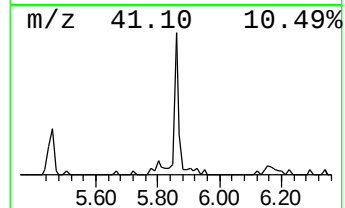
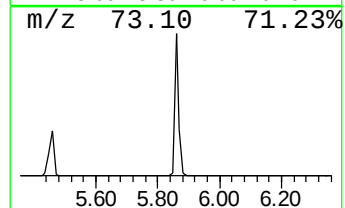
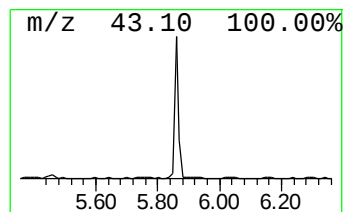
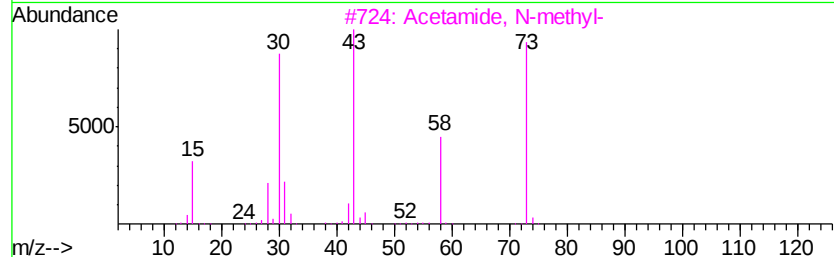
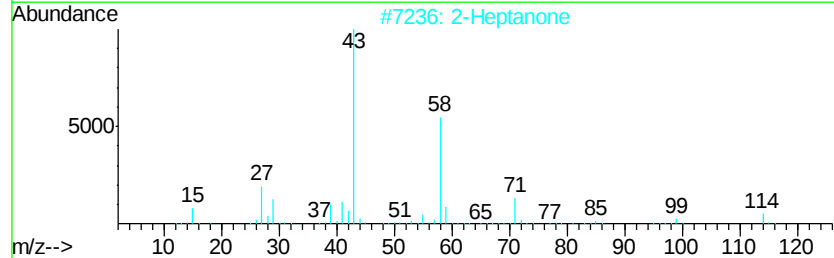
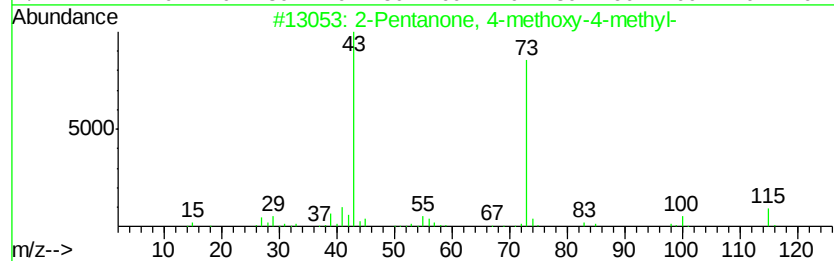
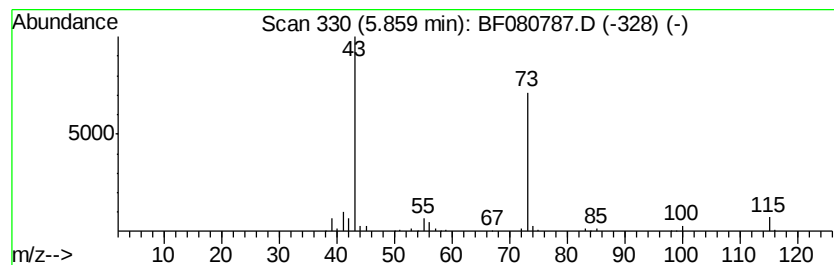
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	6.08 ng	222067	1,4-Dichlorobenzene-d4	6.85

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		2-Heptanone	114	C7H14O	000110-43-0	25
3		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
4		N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	23
5		Pentanal, 2-methyl-	100	C6H12O	000123-15-9	9



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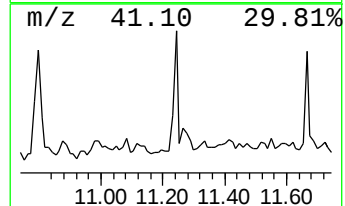
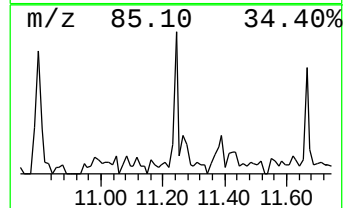
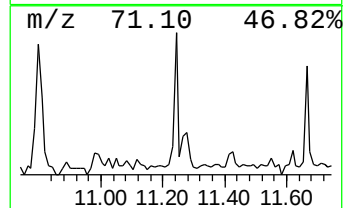
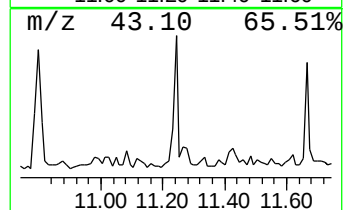
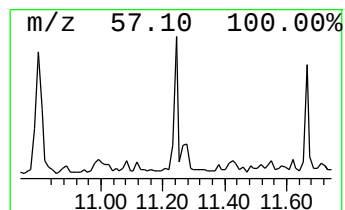
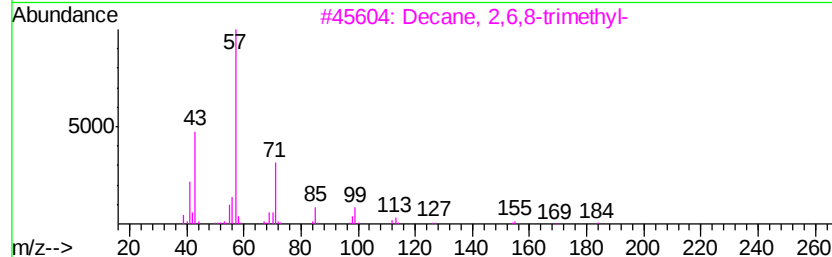
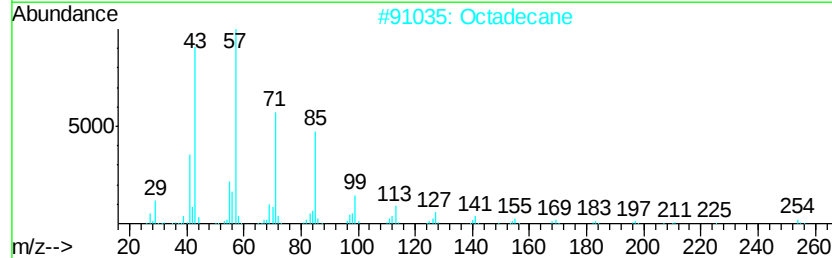
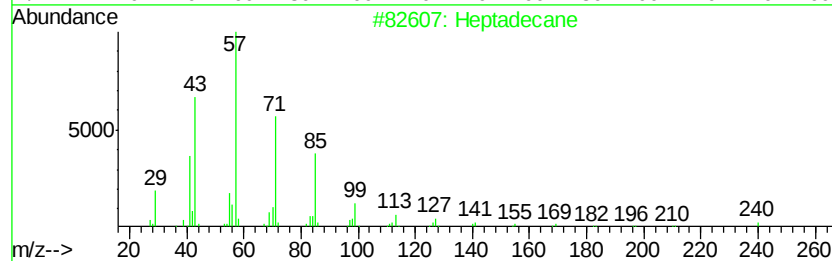
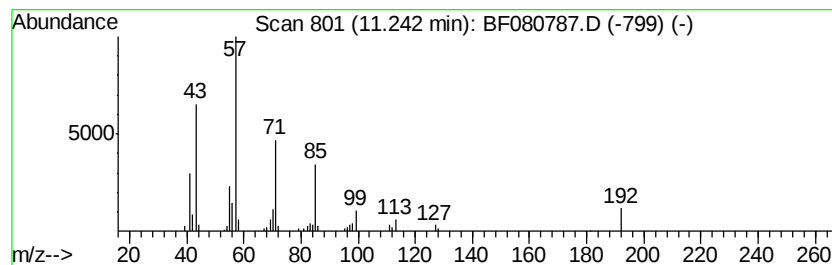
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.87 ng	153919	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	72
2		Octadecane	254	C18H38	000593-45-3	64
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4		Tetracosane	338	C24H50	000646-31-1	64
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

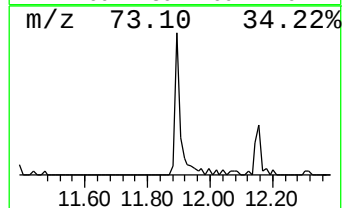
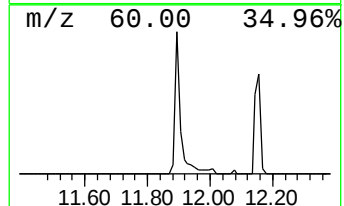
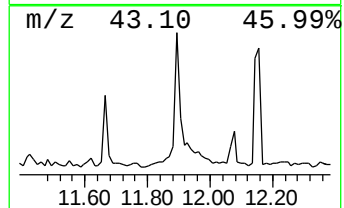
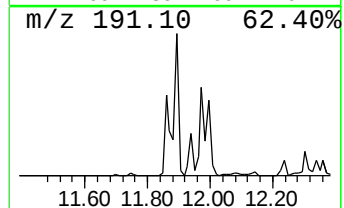
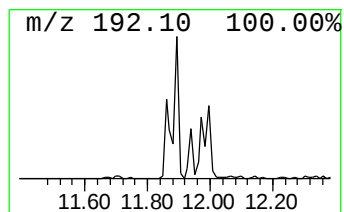
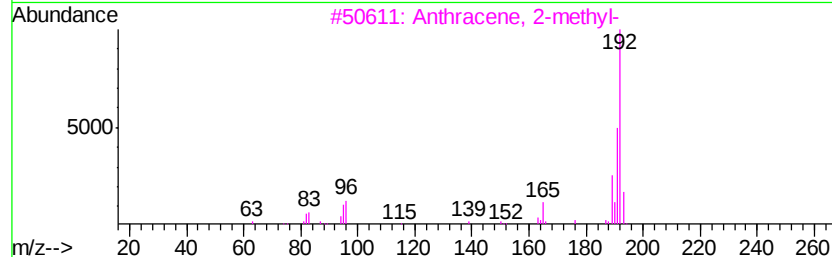
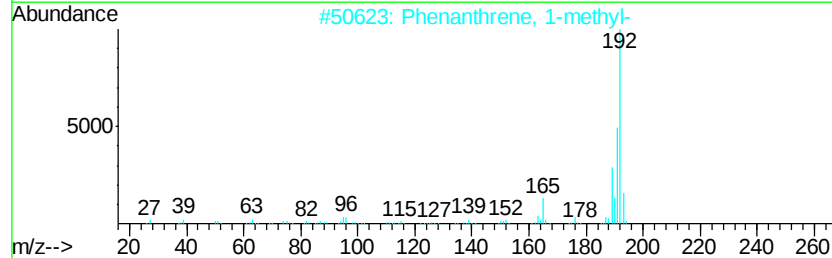
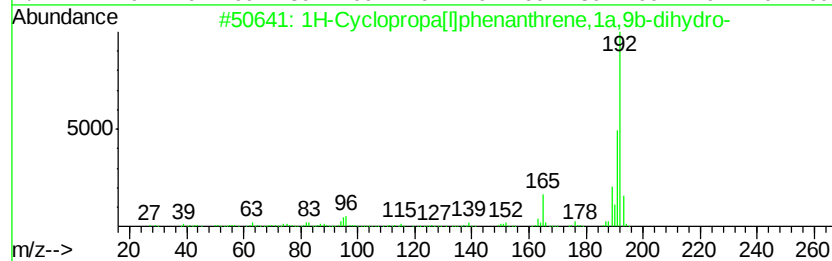
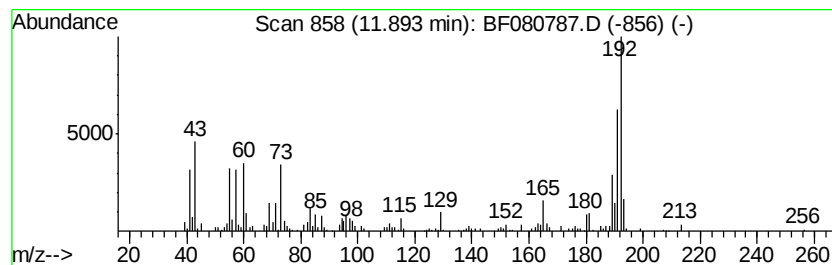
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.00 ng	375164	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
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Instrument :
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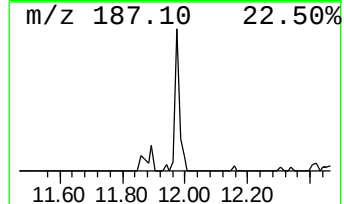
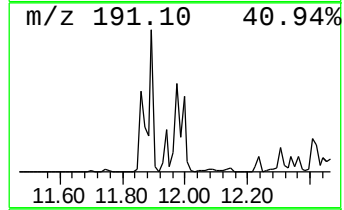
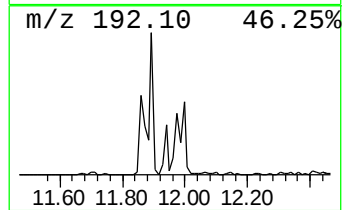
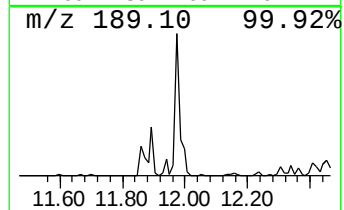
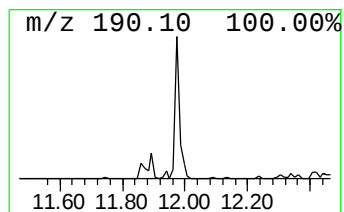
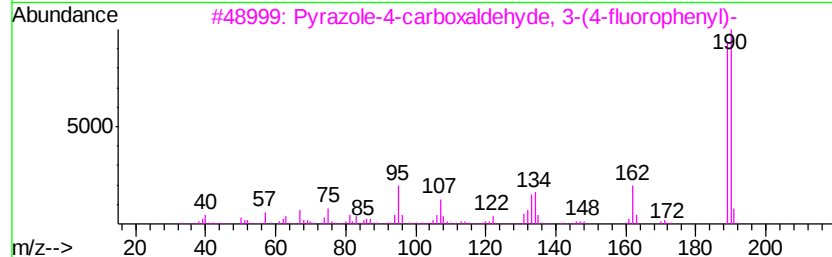
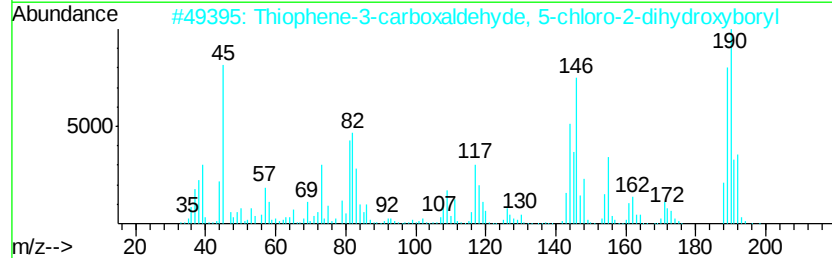
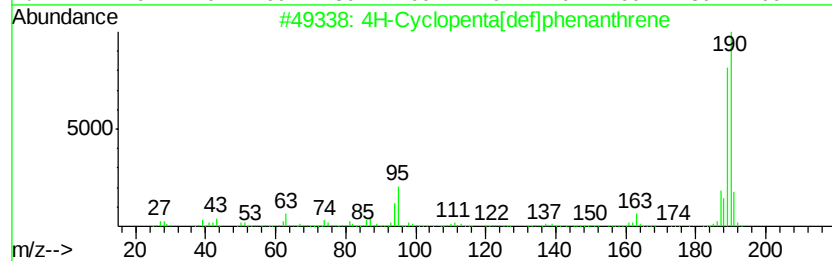
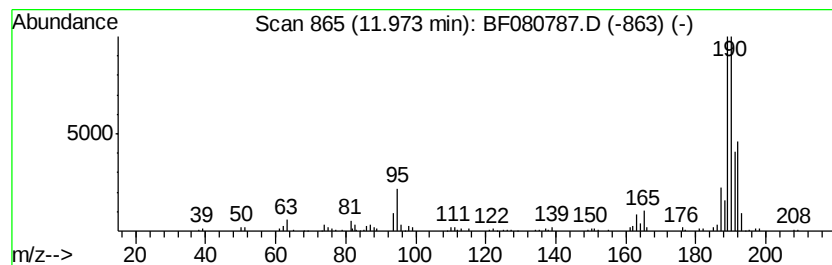
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.40 ng	343159	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

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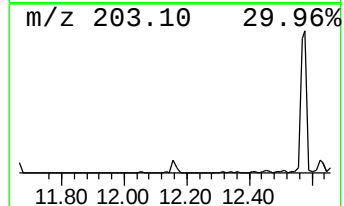
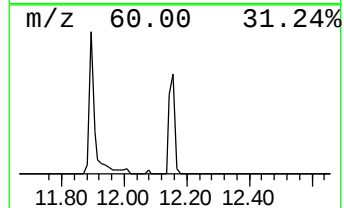
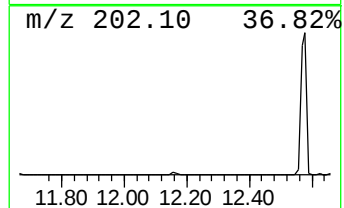
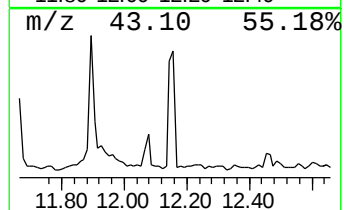
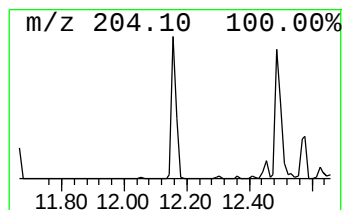
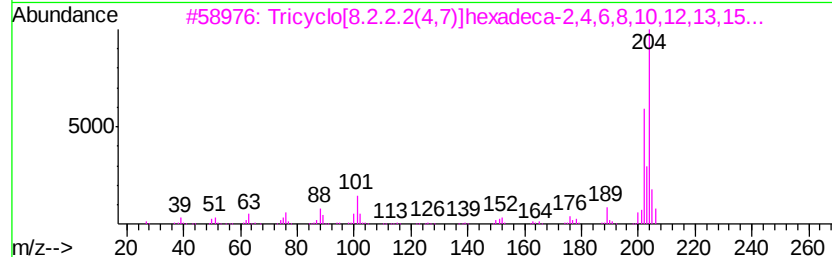
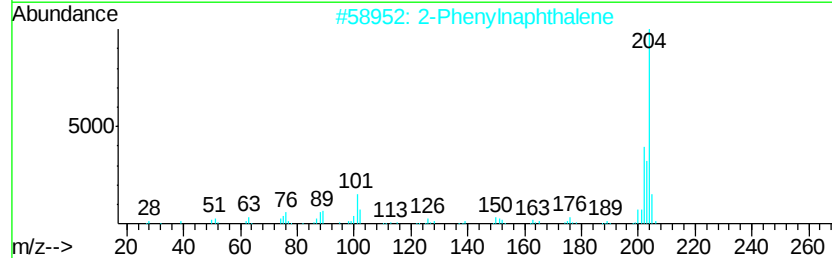
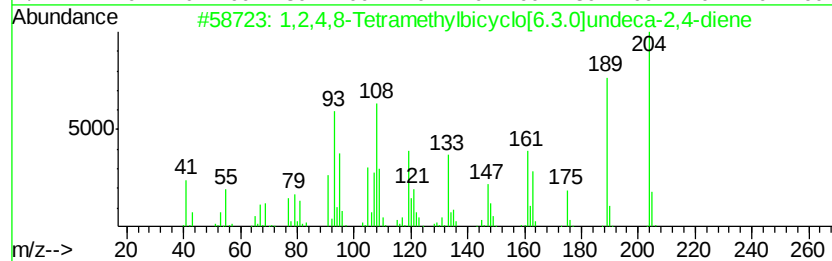
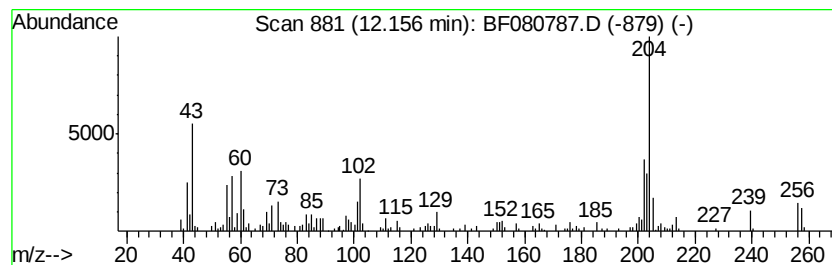
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	7.31 ng	391514	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	80
2			2-Phenylnaphthalene	204	C16H12	035465-71-5	64
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
5			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
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Misc :
ALS Vial : 73 Sample Multiplier: 1

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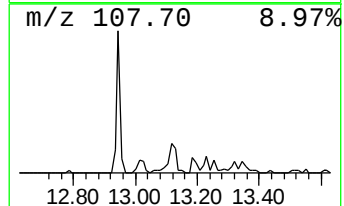
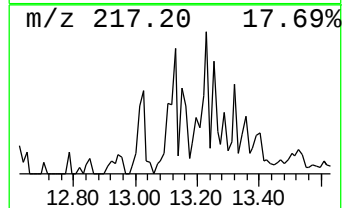
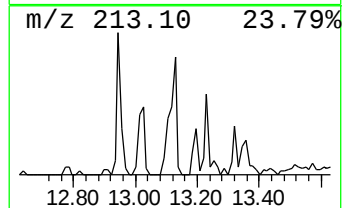
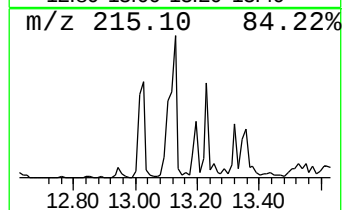
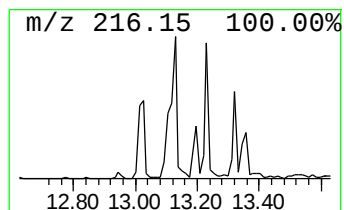
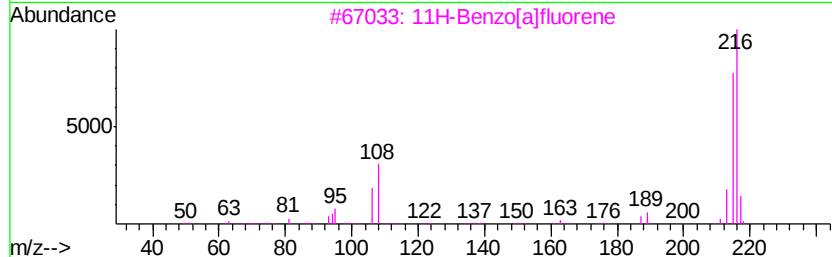
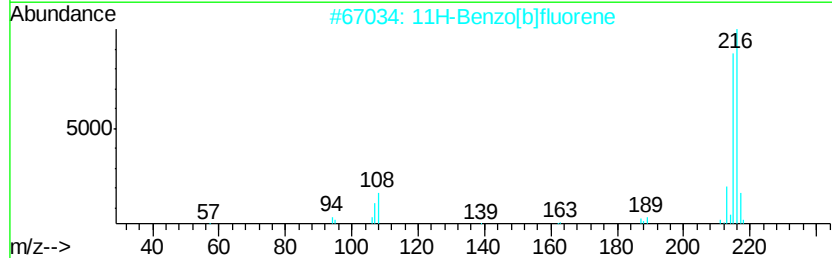
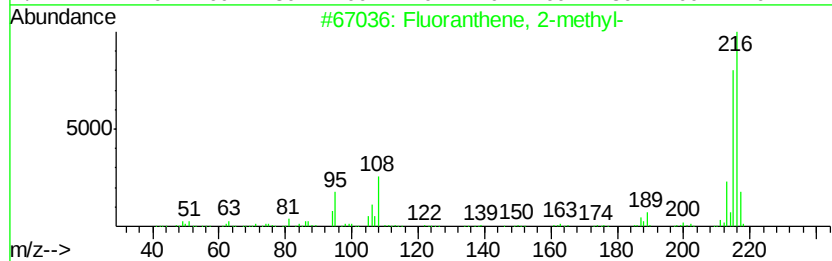
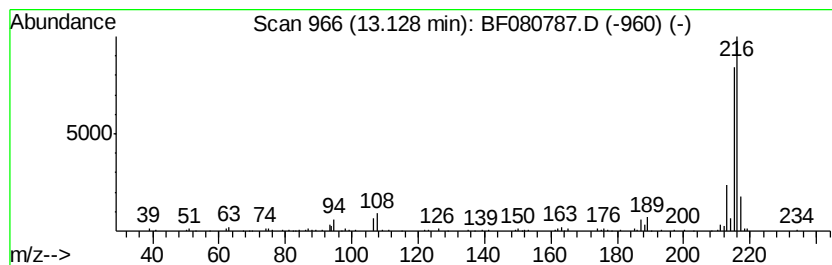
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.58 ng	271598	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
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ALS Vial : 73 Sample Multiplier: 1

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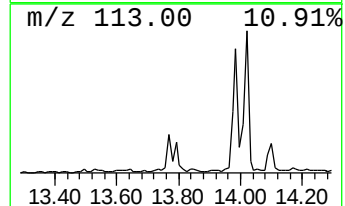
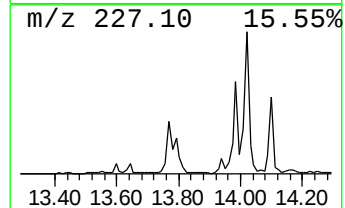
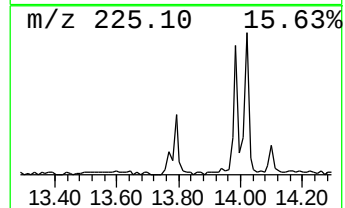
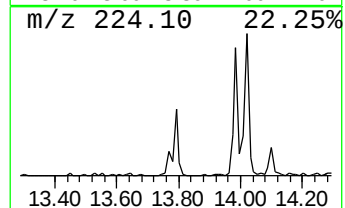
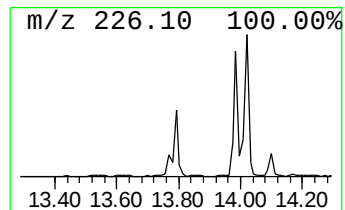
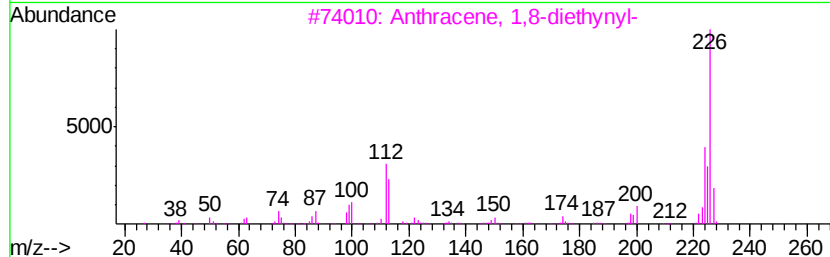
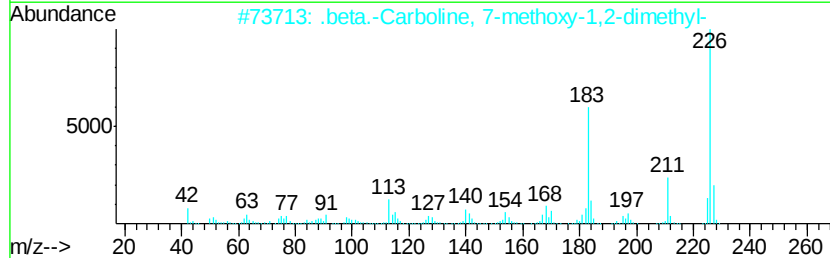
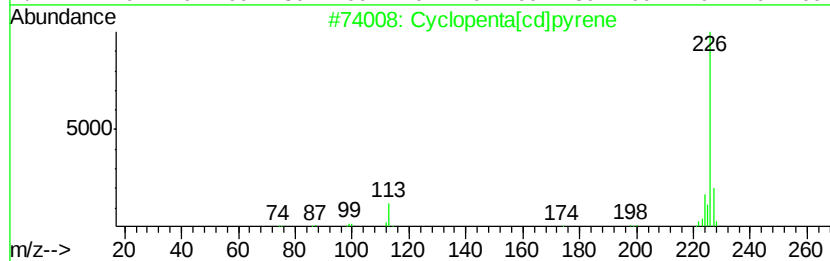
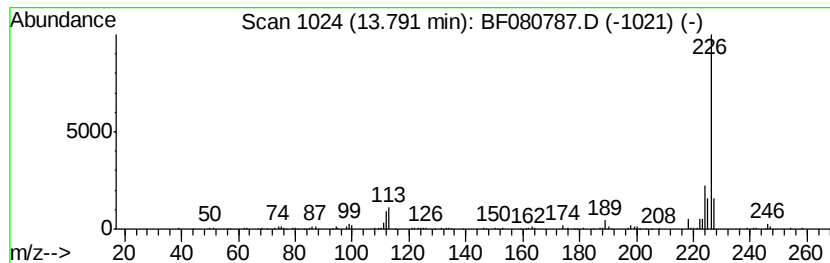
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.64 ng	277801	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	42
3		Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	37
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33
5		9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
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Misc :
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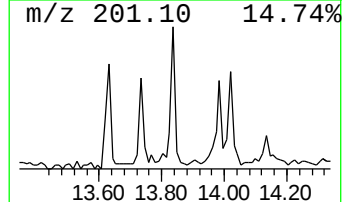
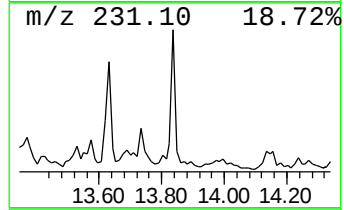
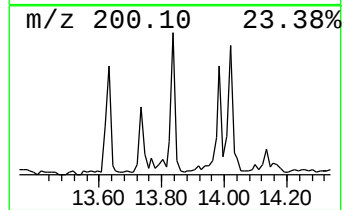
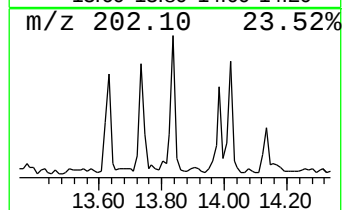
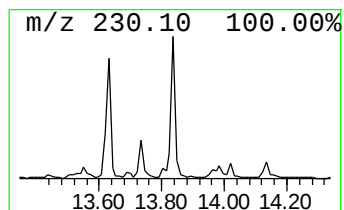
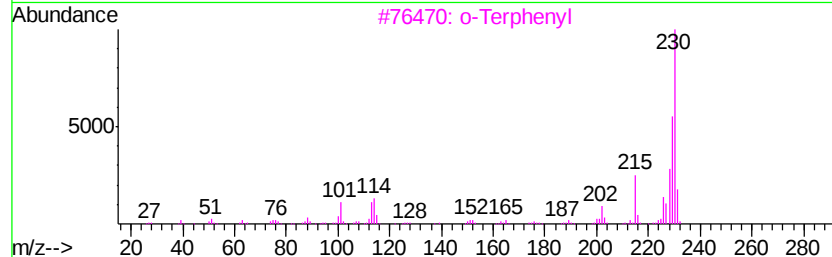
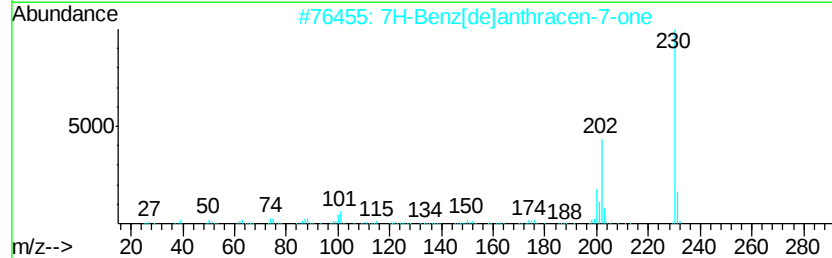
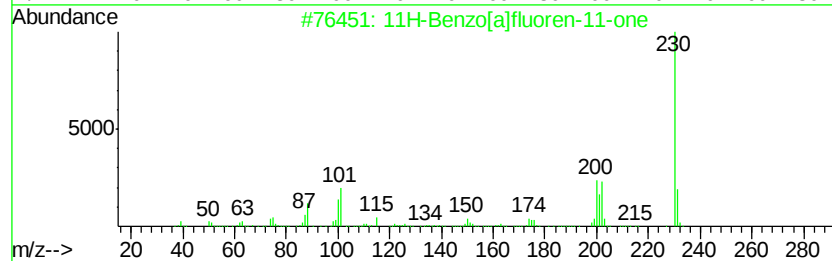
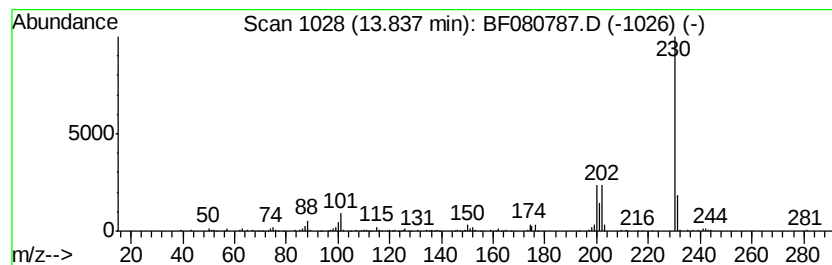
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.84	2.67 ng	280381	Chrysene-d12		14.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		o-Terphenyl	230	C18H14	000084-15-1	53
4		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	50



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Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS3-072315

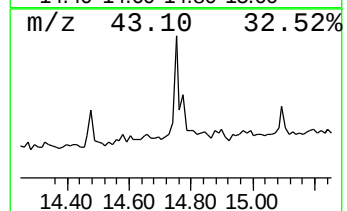
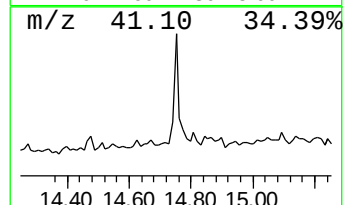
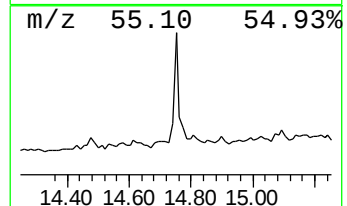
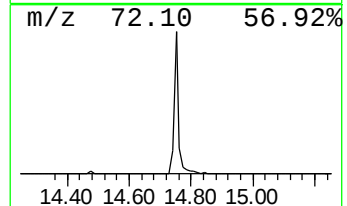
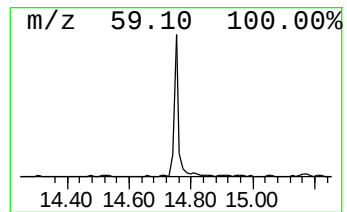
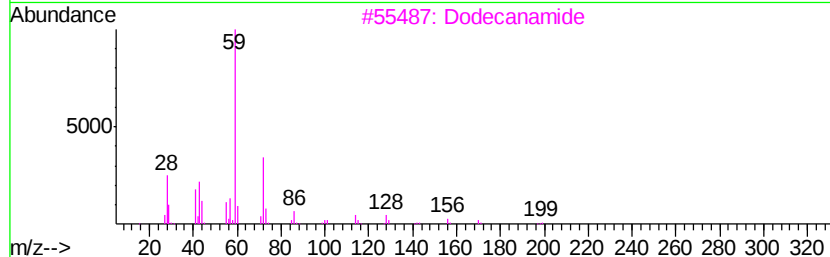
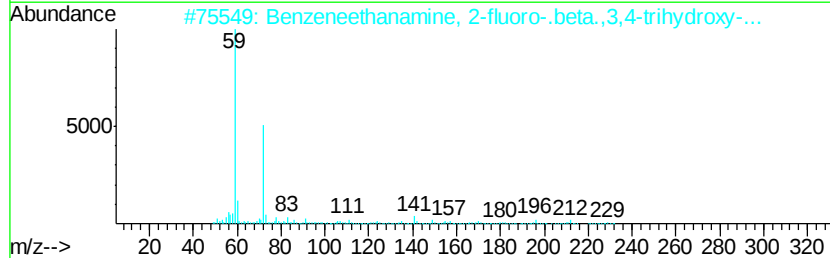
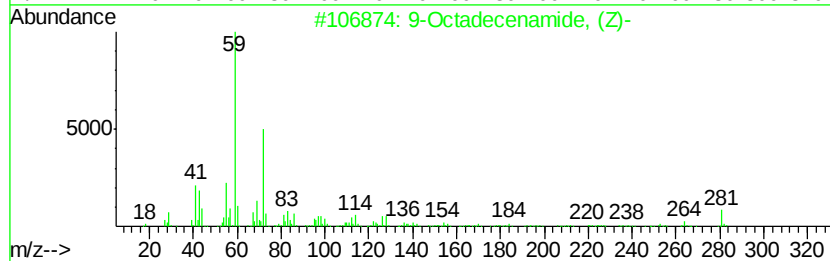
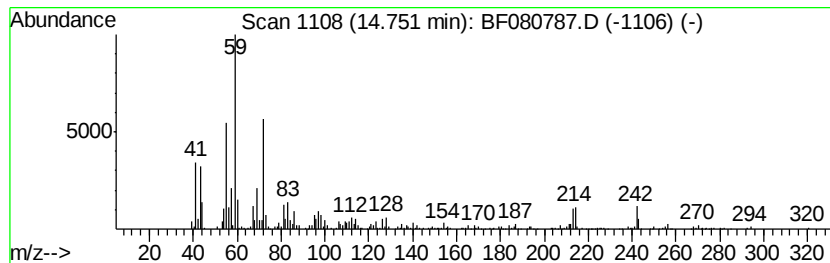
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	7.95 ng	366740	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	58
3		Dodecanamide	199	C12H25NO	001120-16-7	50
4		Decanamide-	171	C10H21NO	002319-29-1	50
5		Hexadecanamide	255	C16H33NO	000629-54-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
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ClientSampleId :
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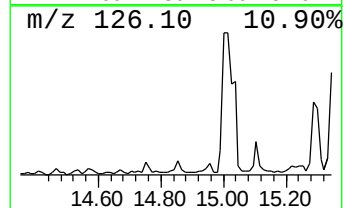
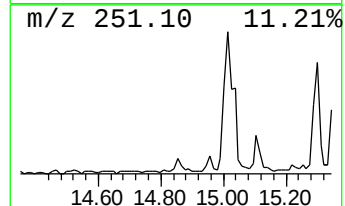
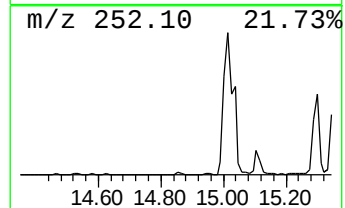
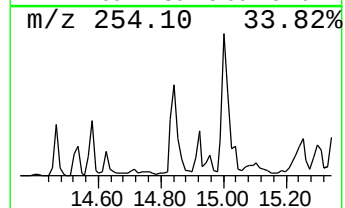
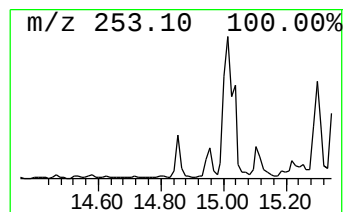
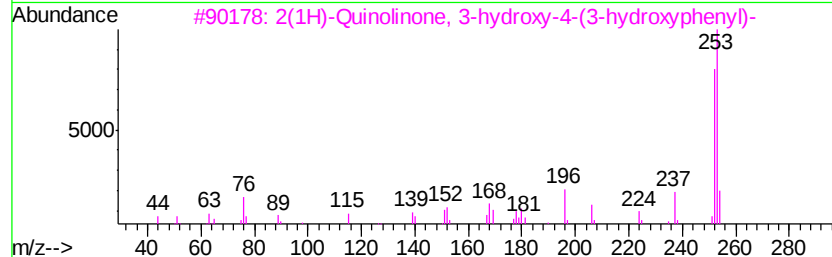
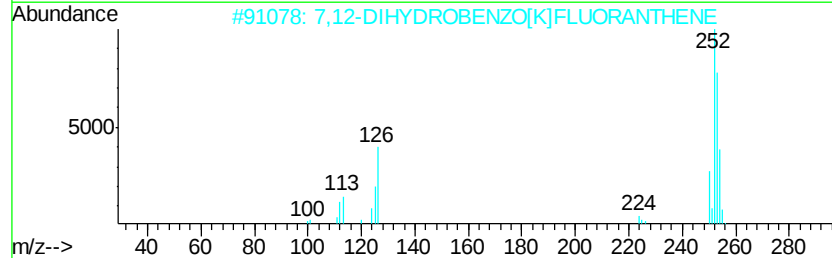
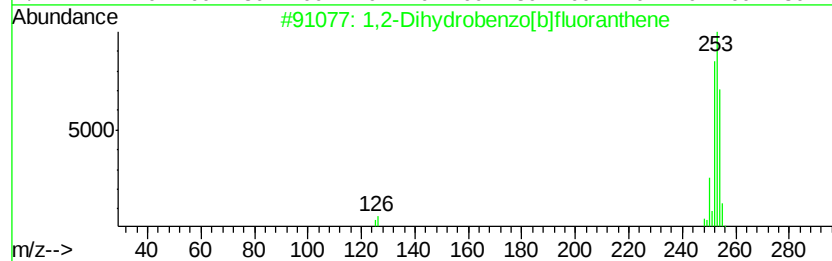
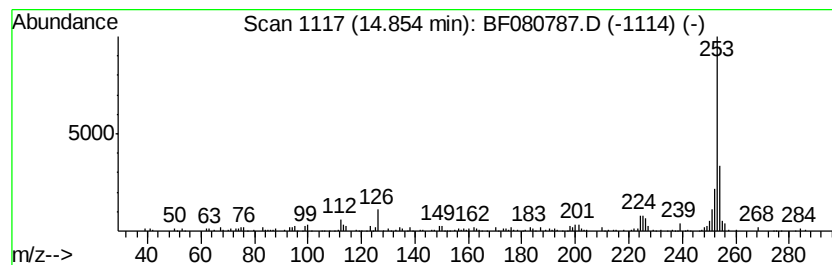
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2-Dihydrobenzo[b]fluorant... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.62 ng	167028	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	59
2			7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	42
3			2(1H)-Quinolinone, 3-hydroxy-4-(...	253	C15H11N03	014484-44-7	33
4			4-Propyl-10H-acridine-9-thione	253	C16H15NS	1000211-07-8	28
5			3,6,6-Trimethyl-1-O-tolyl-1,5,6,...	268	C17H20N2O	1000295-04-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

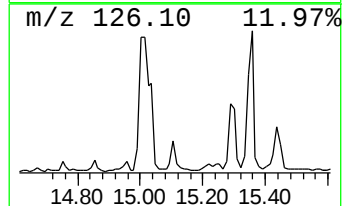
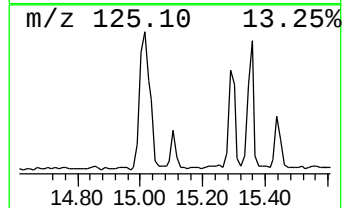
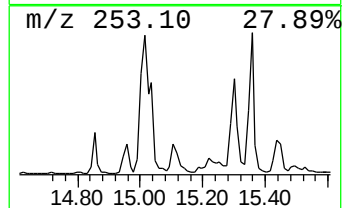
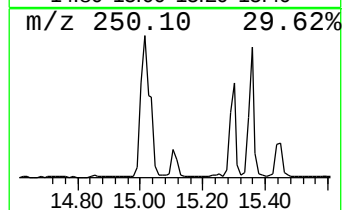
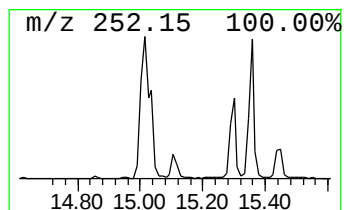
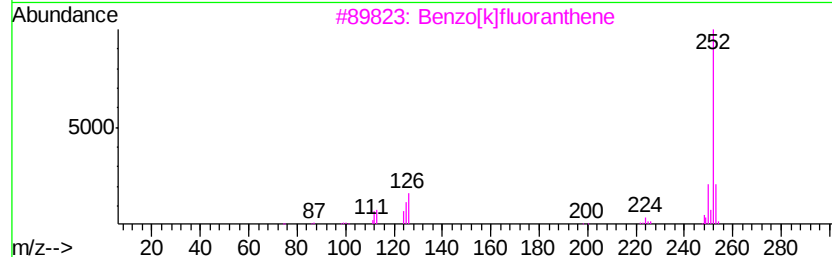
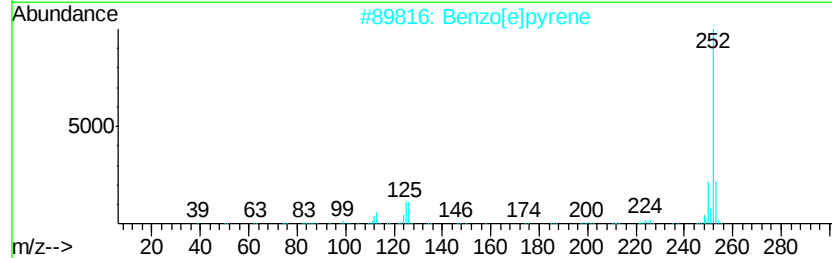
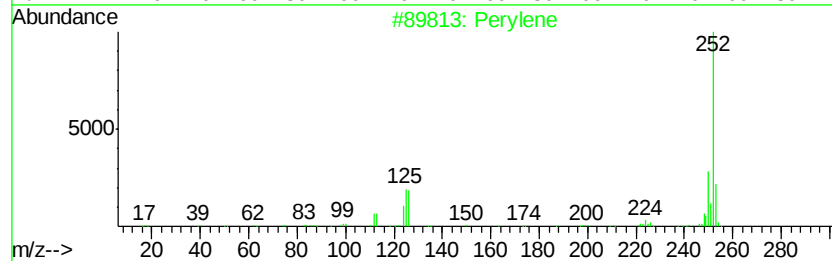
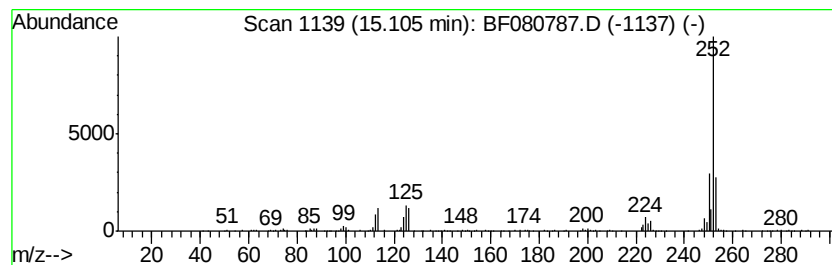
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.11	4.39 ng	202380	Perylene-d12		15.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
Operator : TP/UM
Sample : G3090-03
Misc :
ALS Vial : 73 Sample Multiplier: 1

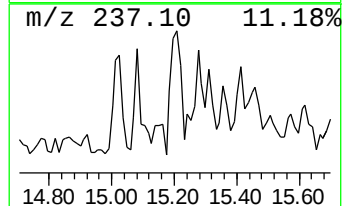
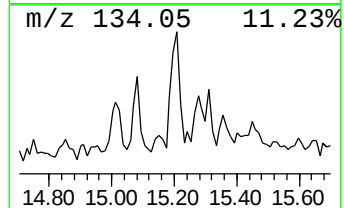
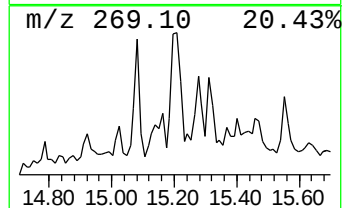
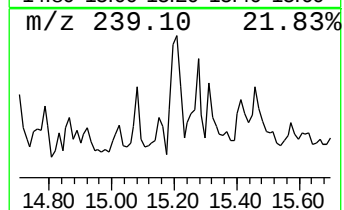
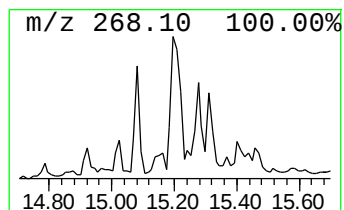
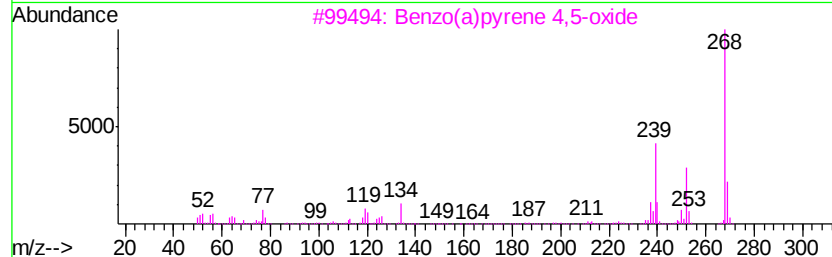
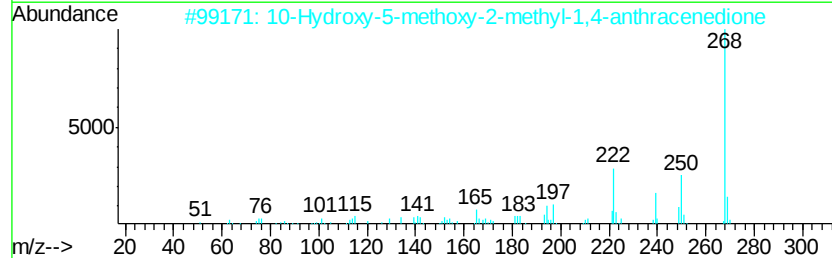
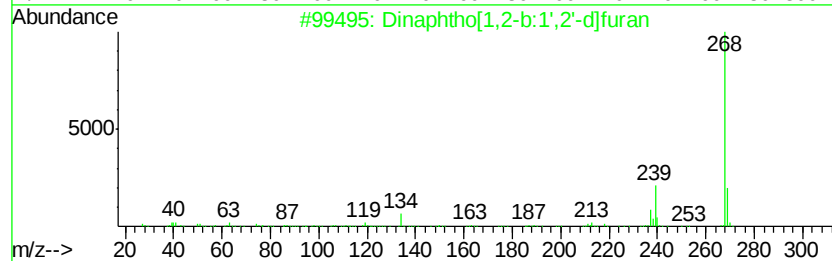
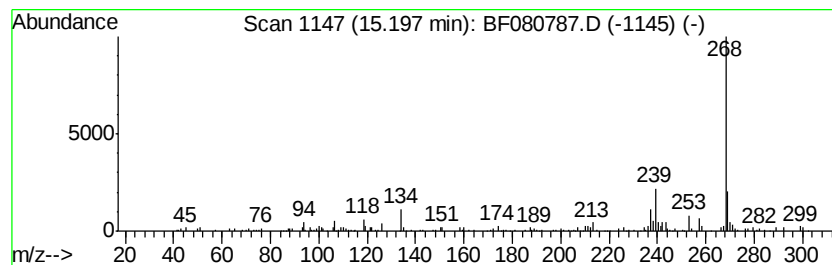
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.20	3.66 ng	168834	Perylene-d12	15.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	72
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	64
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080787.D
Acq On : 1 Aug 2015 18:30
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ClientSampleId :
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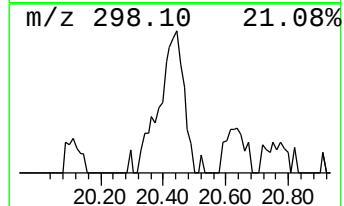
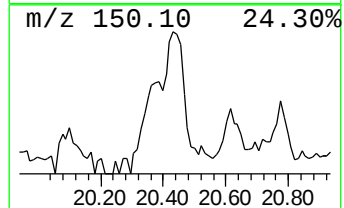
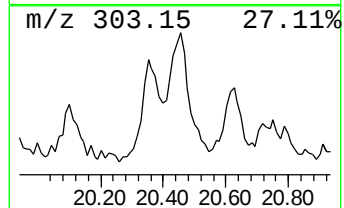
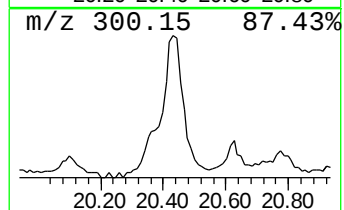
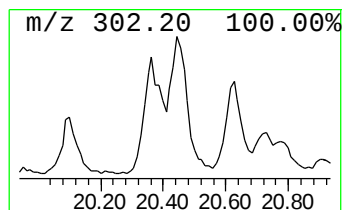
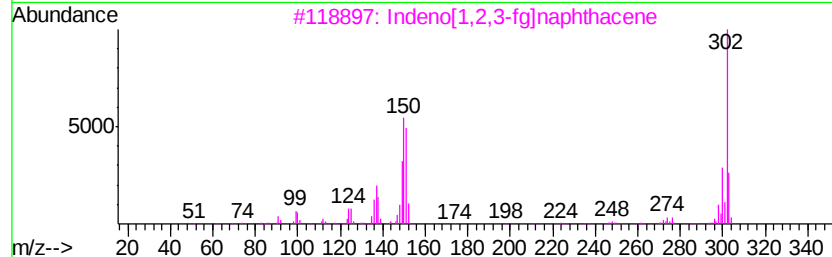
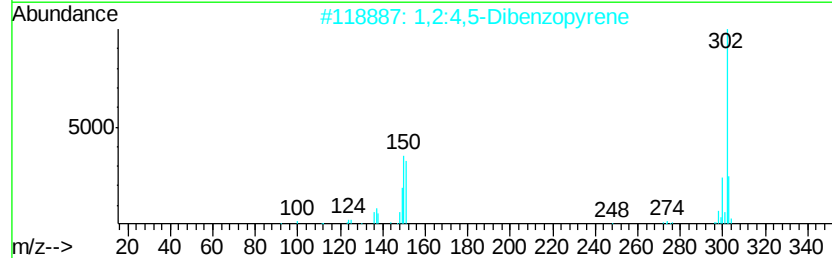
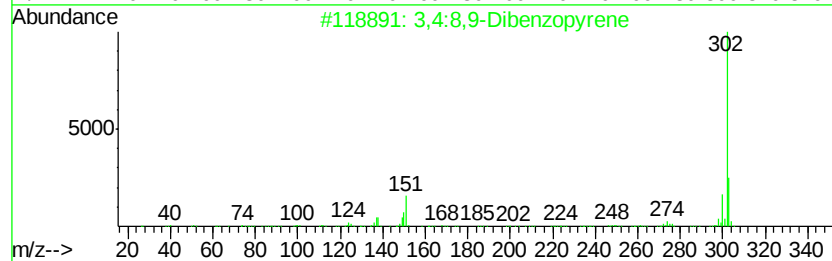
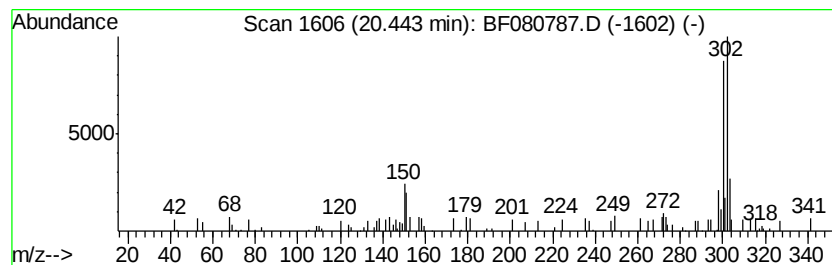
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	3.49 ng	161224	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	55
3			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	55
4			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	45
5			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	38



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 ALS Vial : 73 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3,4-Dimethyl-2-pe...	4.40	4.4	ng	159218	1	6.85	730366	20.0
2-Pentanone, 4-hy...	5.06	130.5	ng	4766160	1	6.85	730366	20.0
2-Pentanone, 4-me...	5.86	6.1	ng	222067	1	6.85	730366	20.0
Heptadecane	11.24	2.9	ng	153919	4	11.37	1071670	20.0
1H-Cyclopropa[1]p...	11.89	7.0	ng	375164	4	11.37	1071670	20.0
4H-Cyclopenta[def...	11.97	6.4	ng	343159	4	11.37	1071670	20.0
1,2,4,8-Tetrameth...	12.16	7.3	ng	391514	4	11.37	1071670	20.0
Fluoranthene, 2-m...	13.13	2.6	ng	271598	5	14.00	2103820	20.0
Cyclopenta[cd]pyrene	13.79	2.6	ng	277801	5	14.00	2103820	20.0
11H-Benzo[a]fluor...	13.84	2.7	ng	280381	5	14.00	2103820	20.0
9-Octadecenamide,...	14.75	8.0	ng	366740	6	15.41	922985	20.0
1,2-Dihydrobenzo[...	14.85	3.6	ng	167028	6	15.41	922985	20.0
Perylene	15.11	4.4	ng	202380	6	15.41	922985	20.0
Dinaphtho[1,2-b:1...	15.20	3.7	ng	168834	6	15.41	922985	20.0
3,4:8,9-Dibenzopy...	20.44	3.5	ng	161224	6	15.41	922985	20.0