

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083455.D
 Acq On : 3 Dec 2015 10:57
 Operator : UM/IZ
 Sample : G4584-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)

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-BF113015.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	4.647	257	259	269	rBV	723669	1302117	5.02%	0.342%
2	5.127	299	301	315	rBV	4000593	4435958	17.10%	1.164%
3	5.321	315	318	324	rBV	672098	1007335	3.88%	0.264%
4	6.213	393	396	398	rBV	4455166	4782274	18.44%	1.254%
5	6.316	402	405	407	rVV	4251782	4542106	17.51%	1.191%
6	6.533	423	424	426	rBV	677107	822727	3.17%	0.216%
7	6.693	436	438	443	rVB	3271458	3591385	13.85%	0.942%
8	7.116	472	475	477	rBV	2707243	2995790	11.55%	0.786%
9	7.859	535	540	543	rVV	8378570	12842953	49.52%	3.369%
10	7.916	543	545	548	rVV2	714461	893236	3.44%	0.234%
11	8.282	574	577	580	rVV2	759901	1426413	5.50%	0.374%
12	8.396	584	587	589	rVV2	308152	828888	3.20%	0.217%
13	8.442	589	591	593	rVV	1939569	2418398	9.32%	0.634%
14	8.487	593	595	597	rVV3	381982	826745	3.19%	0.217%
15	8.545	597	600	602	rVV	5237515	5397692	20.81%	1.416%
16	8.647	602	609	611	rVV	4260292	5634544	21.73%	1.478%
17	8.750	613	618	619	rVV2	572468	1244427	4.80%	0.326%
18	8.876	625	629	630	rVV	1030530	1510089	5.82%	0.396%
19	8.910	630	632	635	rVV	4601634	4596273	17.72%	1.206%
20	9.013	638	641	643	rVV	4171525	5516930	21.27%	1.447%
21	9.105	646	649	652	rVV	733282	1556224	6.00%	0.408%
22	9.173	652	655	656	rVV	1624388	2376633	9.16%	0.623%
23	9.242	659	661	662	rVV	2625861	3116785	12.02%	0.818%
24	9.310	665	667	670	rVV3	2134551	3815799	14.71%	1.001%
25	9.356	670	671	675	rVV2	1297253	2180030	8.41%	0.572%
26	9.447	675	679	681	rVV	7557682	9124168	35.18%	2.393%
27	9.539	685	687	688	rVV	3297185	3250934	12.53%	0.853%
28	9.573	688	690	692	rVV2	1791736	2835146	10.93%	0.744%
29	9.608	692	693	696	rVV	3064362	3419390	13.18%	0.897%
30	9.688	698	700	702	rVV	548660	909147	3.51%	0.238%
31	9.779	705	708	710	rVV3	1549870	2635874	10.16%	0.691%
32	9.825	710	712	713	rVV	1254699	1351762	5.21%	0.355%
33	9.859	713	715	716	rVV	861180	998075	3.85%	0.262%
34	9.893	716	718	720	rVV	1213953	1666955	6.43%	0.437%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.985	724	726	728	rVV2	763280	1380408	5.32%	0.362%
36	10.030	728	730	732	rVV	3525708	3752485	14.47%	0.984%
37	10.088	732	735	736	rVV3	950291	1674062	6.45%	0.439%
38	10.133	736	739	741	rVV	4817014	7012944	27.04%	1.839%
39	10.190	742	744	746	rVV3	623627	1148408	4.43%	0.301%
40	10.248	746	749	751	rVV3	1271911	2602522	10.03%	0.683%
41	10.362	755	759	761	rVB5	2251163	3989462	15.38%	1.046%
42	10.510	769	772	776	rVV2	2581293	4585829	17.68%	1.203%
43	10.682	785	787	789	rBV	806500	1317226	5.08%	0.346%
44	10.716	789	790	792	rVV2	950476	977752	3.77%	0.256%
45	11.002	812	815	817	rBV2	2534559	3622911	13.97%	0.950%
46	11.048	817	819	821	rVB	599163	841340	3.24%	0.221%
47	11.185	823	831	832	rBV	10389348	25935241	100.00%	6.803%
48	11.231	832	835	836	rVV	5551997	7144379	27.55%	1.874%
49	11.471	854	856	858	rBV2	873154	1210748	4.67%	0.318%
50	11.516	858	860	867	rVB2	1885980	2424076	9.35%	0.636%
51	11.619	867	869	872	rVB	785910	1078030	4.16%	0.283%
52	11.733	876	879	880	rBV	2449395	3424079	13.20%	0.898%
53	11.768	880	882	884	rVB	3260747	3456829	13.33%	0.907%
54	11.825	884	887	889	rBV	1114722	1642846	6.33%	0.431%
55	11.871	889	891	896	rVB	4801396	8928255	34.43%	2.342%
56	12.042	902	906	908	rBV2	855680	1253782	4.83%	0.329%
57	12.111	909	912	914	rBV	2734116	3345987	12.90%	0.878%
58	12.442	938	941	943	rBV	1159119	2077145	8.01%	0.545%
59	12.499	943	946	950	rVV2	844964	2151447	8.30%	0.564%
60	12.579	950	953	956	rVB	1327929	2179721	8.40%	0.572%
61	12.682	956	962	965	rBV	7088993	18359711	70.79%	4.816%
62	12.796	969	972	975	rVB	3232756	4556306	17.57%	1.195%
63	13.014	984	991	994	rBV	8253306	22704726	87.54%	5.955%
64	13.208	1005	1008	1011	rVV	2360946	3394395	13.09%	0.890%
65	13.299	1012	1016	1019	rBV	948804	1697326	6.54%	0.445%
66	13.459	1027	1030	1032	rVB	1901574	3241936	12.50%	0.850%
67	13.551	1035	1038	1040	rVV	1942975	2677658	10.32%	0.702%
68	13.596	1040	1042	1044	rVV	1621143	2292208	8.84%	0.601%
69	13.734	1048	1054	1056	rVV	1435592	3153364	12.16%	0.827%
70	13.779	1056	1058	1063	rVB	1413968	2120144	8.17%	0.556%
71	14.351	1105	1108	1110	rBV2	800296	1617201	6.24%	0.424%

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72	14.408	1110	1113	1114	rVV	1413258	2420746	9.33%	0.635%
73	14.442	1114	1116	1117	rVV	1765180	2518889	9.71%	0.661%
74	14.751	1137	1143	1145	rVV	4703314	12962455	49.98%	3.400%
75	14.808	1145	1148	1151	rVV	4564634	10378446	40.02%	2.722%
76	14.899	1154	1156	1159	rVV3	511285	813968	3.14%	0.214%
77	14.979	1160	1163	1165	rVV	1765584	2739796	10.56%	0.719%
78	15.357	1192	1196	1198	rBV	1219605	1912605	7.37%	0.502%
79	15.494	1203	1208	1210	rBV3	745003	1664205	6.42%	0.437%
80	15.574	1210	1215	1216	rBV2	709750	1472645	5.68%	0.386%
81	16.340	1275	1282	1287	rBV	3621086	13672673	52.72%	3.586%
82	16.454	1288	1292	1294	rBV	1391898	2145310	8.27%	0.563%
83	16.694	1308	1313	1315	rVV	2914935	6967416	26.86%	1.828%
84	16.785	1315	1321	1323	rVV2	4581114	12935814	49.88%	3.393%
85	16.831	1323	1325	1326	rVV	830350	1199015	4.62%	0.315%
86	16.865	1326	1328	1334	rVV	1644004	3075614	11.86%	0.807%
87	17.060	1338	1345	1350	rBV3	430027	2231805	8.61%	0.585%
88	17.403	1371	1375	1379	rVV3	956967	2264449	8.73%	0.594%
89	17.905	1416	1419	1425	rVV3	249870	846970	3.27%	0.222%
90	18.054	1428	1432	1435	rVV2	636232	1789123	6.90%	0.469%
91	18.226	1441	1447	1450	rVV	2451546	6077400	23.43%	1.594%
92	18.363	1455	1459	1461	rVV	510448	1101856	4.25%	0.289%
93	18.408	1461	1463	1468	rVV	631886	1385220	5.34%	0.363%
94	18.614	1474	1481	1484	rVV	2241735	6312128	24.34%	1.656%
95	18.797	1493	1497	1503	rVV	1119067	2502999	9.65%	0.657%
96	19.574	1560	1565	1571	rVV2	240675	875810	3.38%	0.230%
97	20.477	1637	1644	1649	rBV	569681	2027165	7.82%	0.532%
98	20.637	1652	1658	1661	rBV	305013	1105466	4.26%	0.290%
99	20.889	1675	1680	1686	rBV2	260861	947973	3.66%	0.249%
100	21.506	1719	1734	1741	rBV2	628375	4068382	15.69%	1.067%

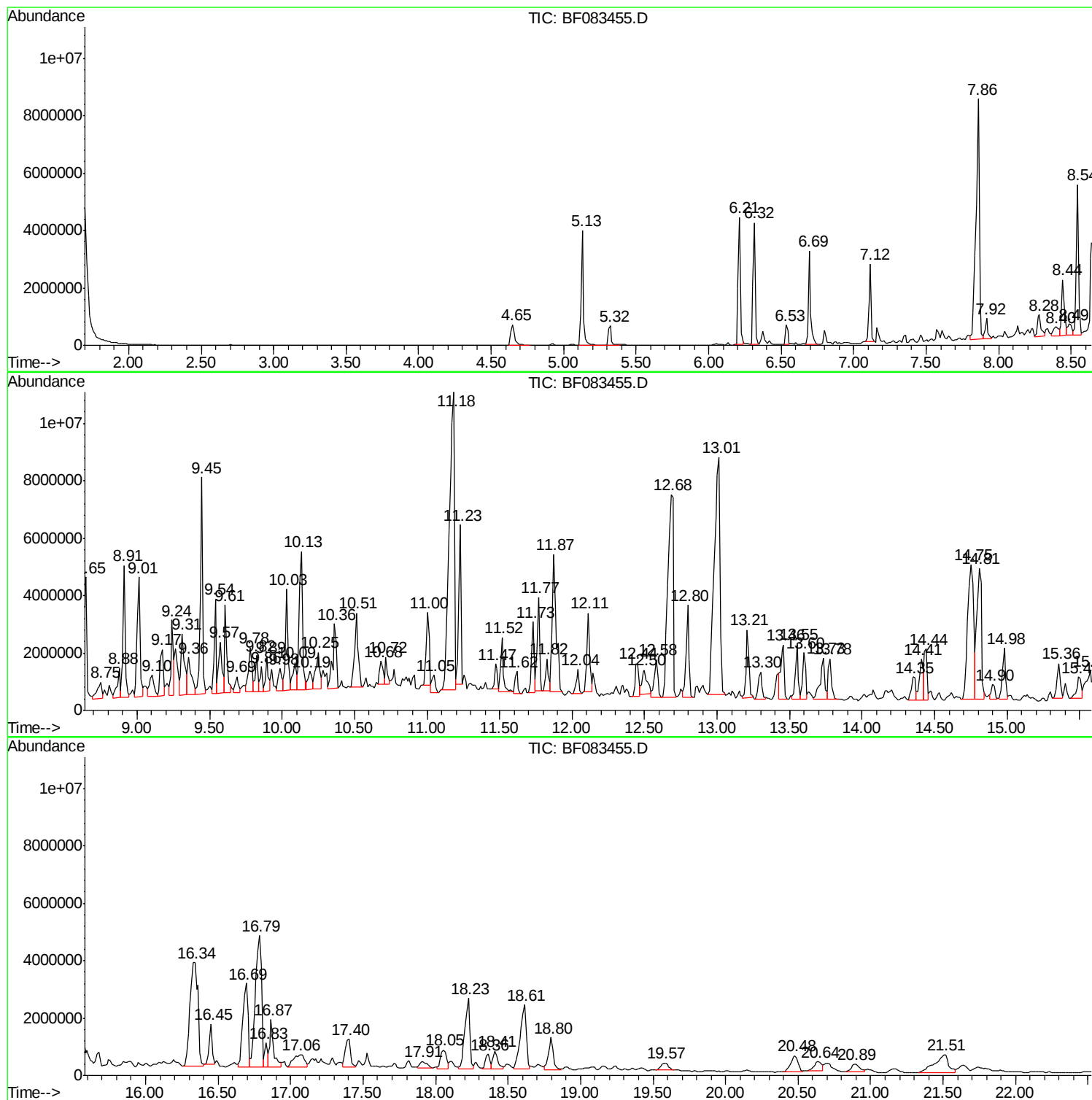
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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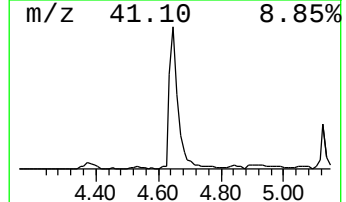
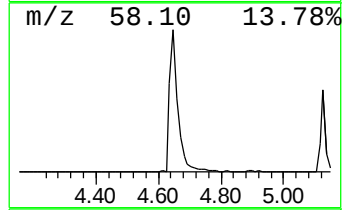
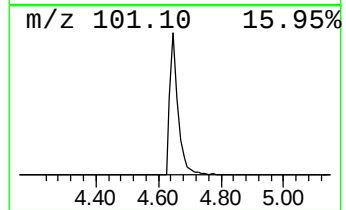
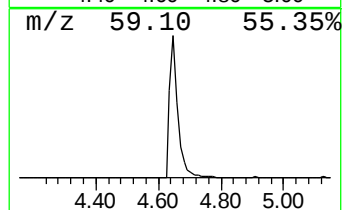
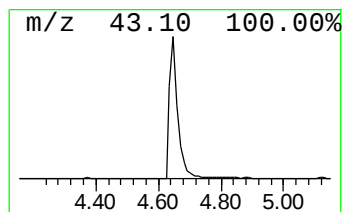
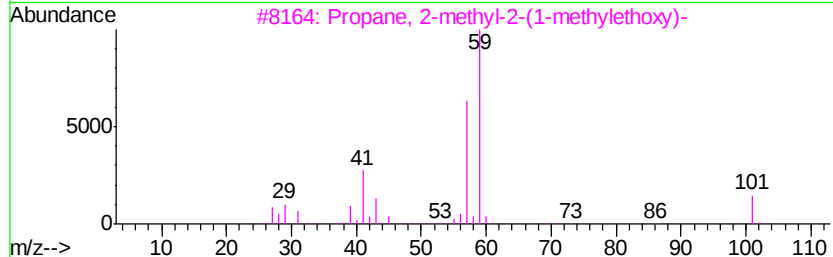
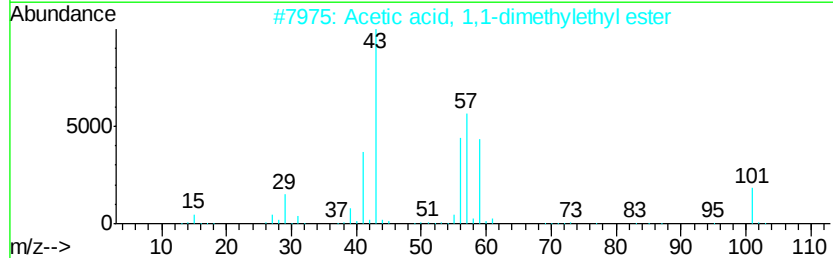
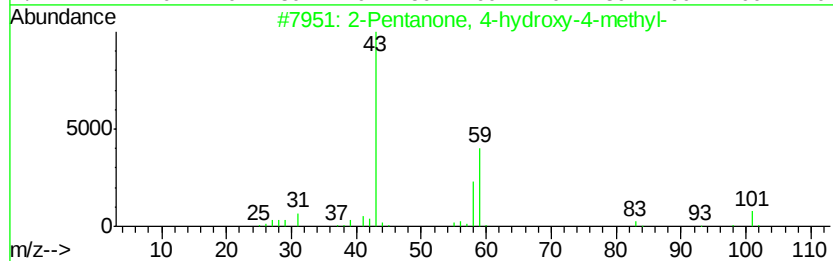
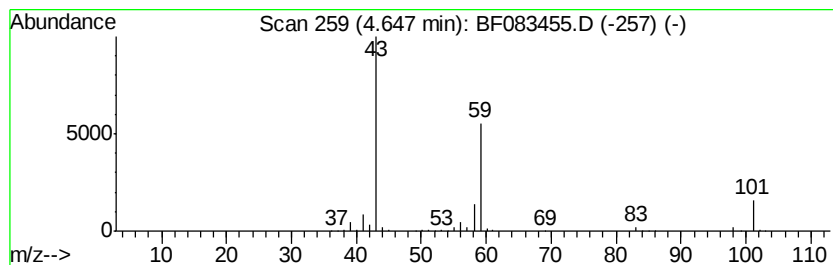
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	31.65 ng	1302120	1,4-Dichlorobenzene-d4	6.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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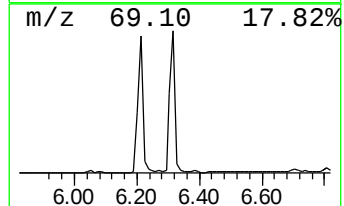
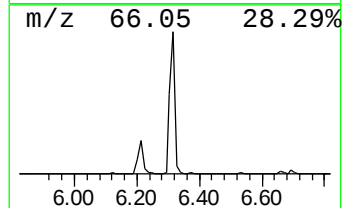
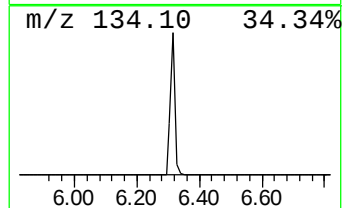
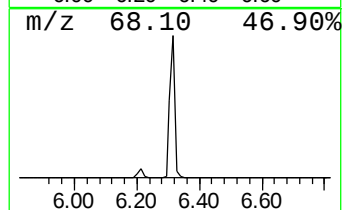
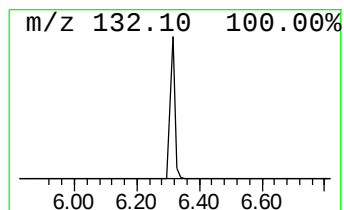
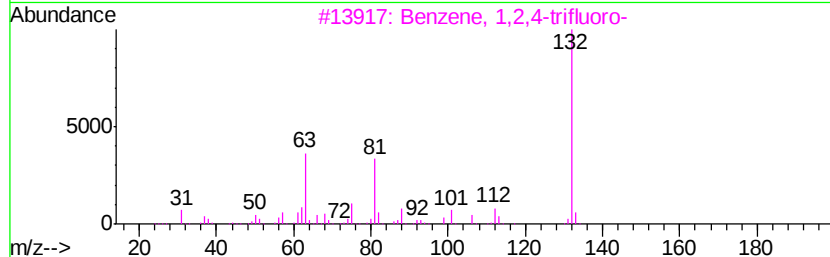
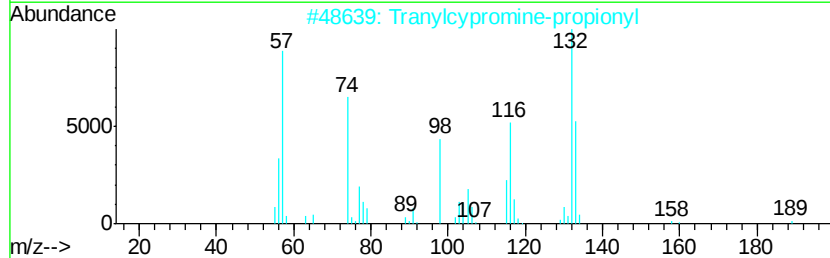
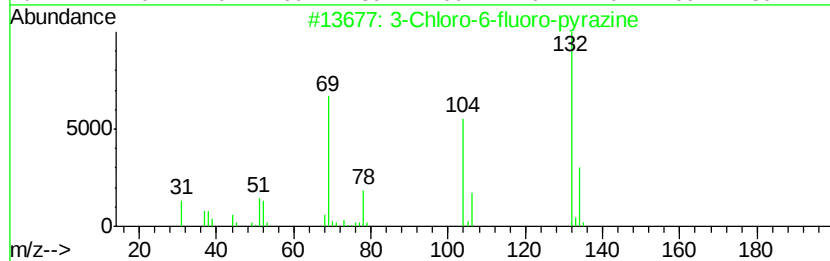
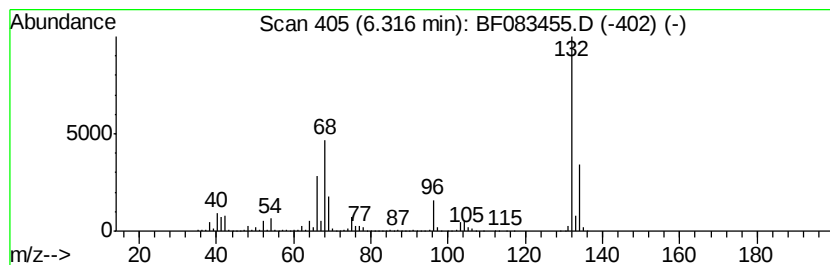
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Peak Number 3 unknown6.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	110.42 ng	4542110	1,4-Dichlorobenzene-d4	6.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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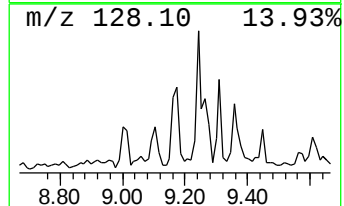
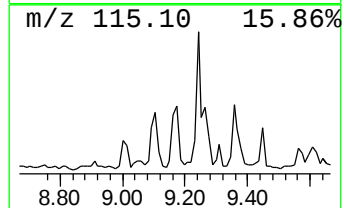
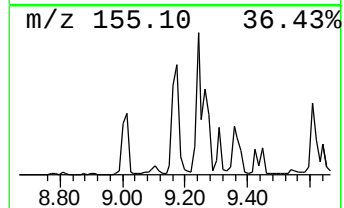
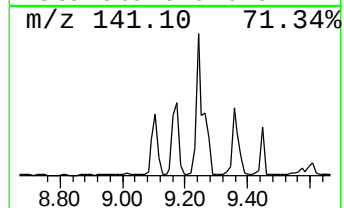
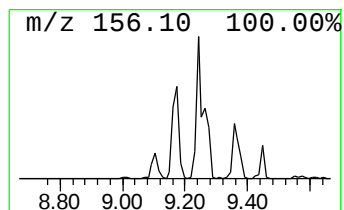
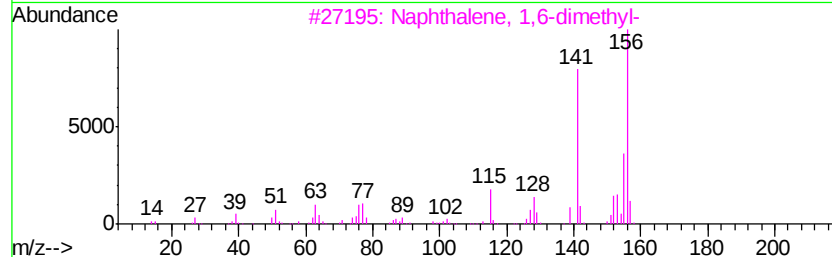
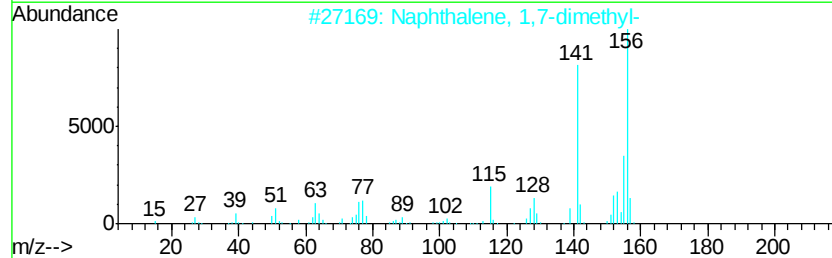
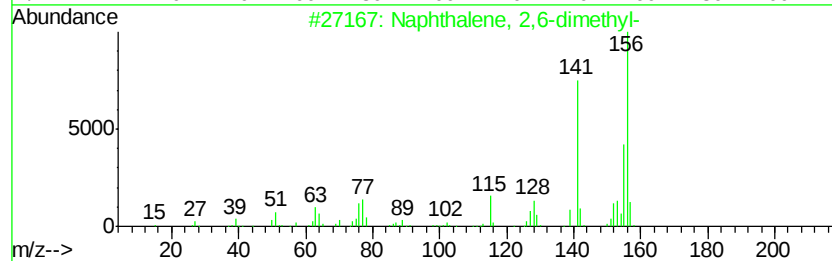
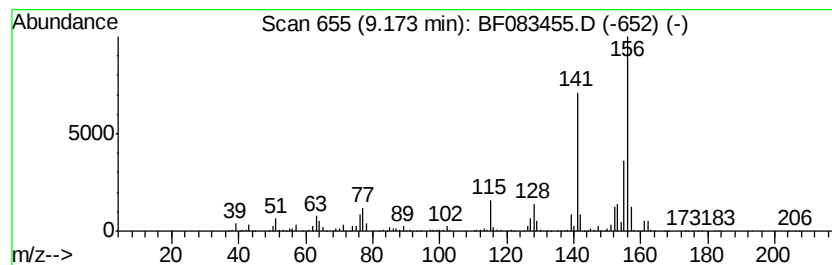
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	16.77 ng	2376630	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
Sample : G4584-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(0-6)

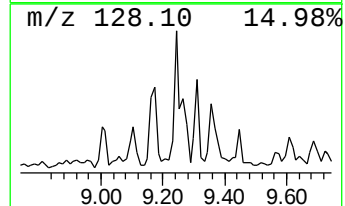
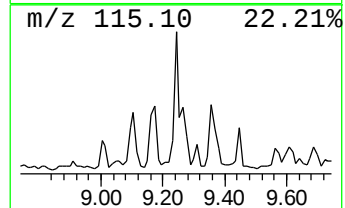
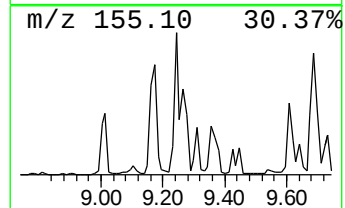
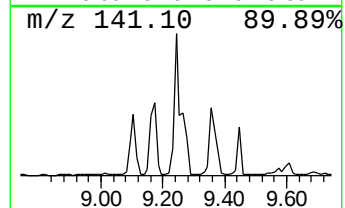
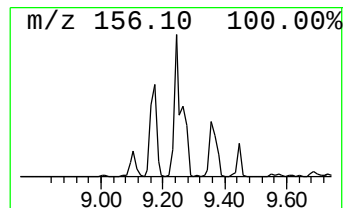
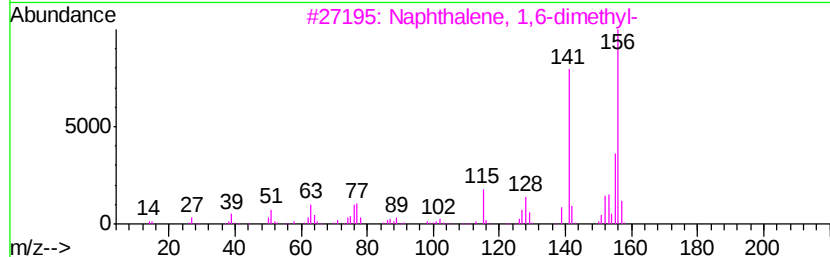
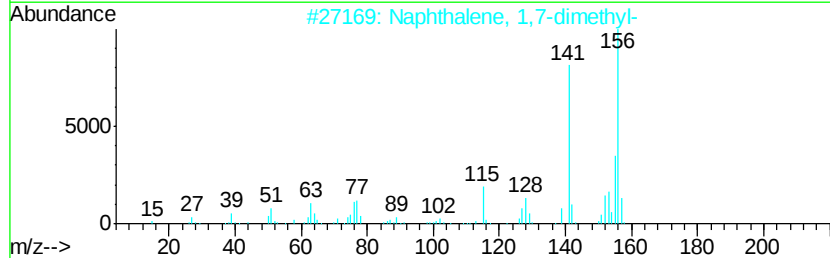
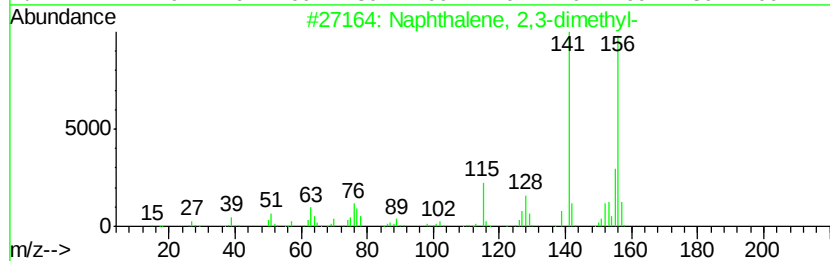
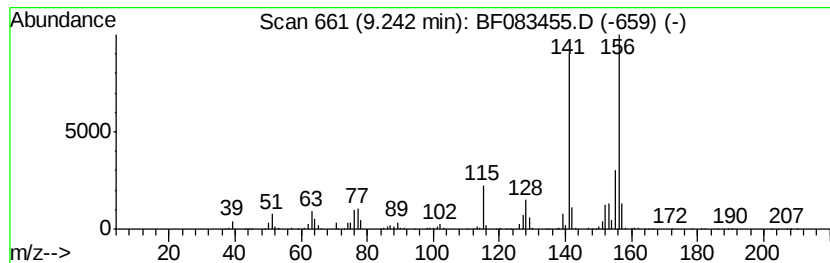
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	21.99 ng	3116790	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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Operator : UM/IZ
Sample : G4584-01
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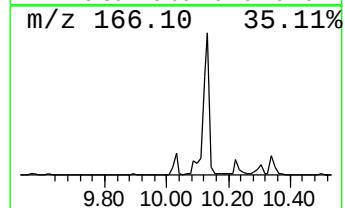
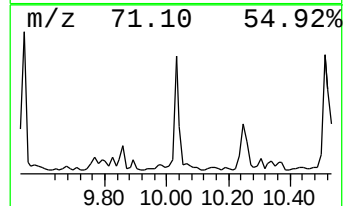
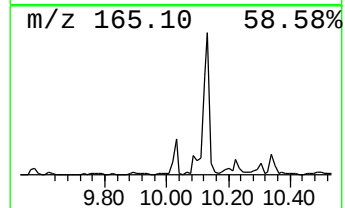
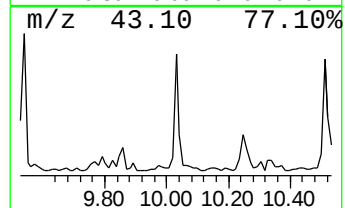
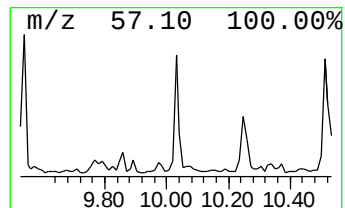
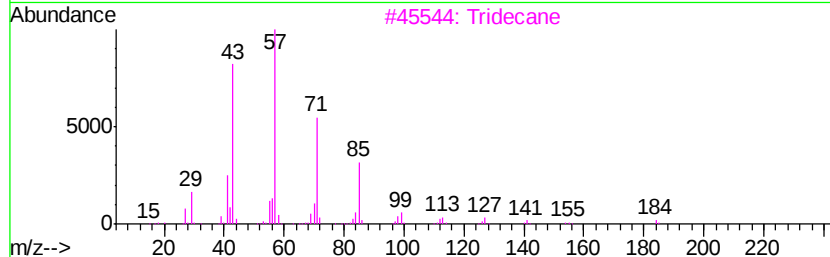
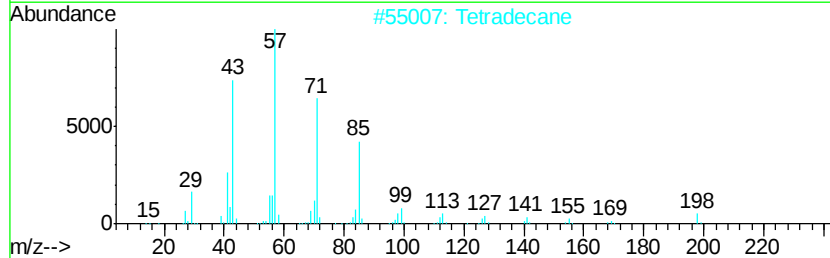
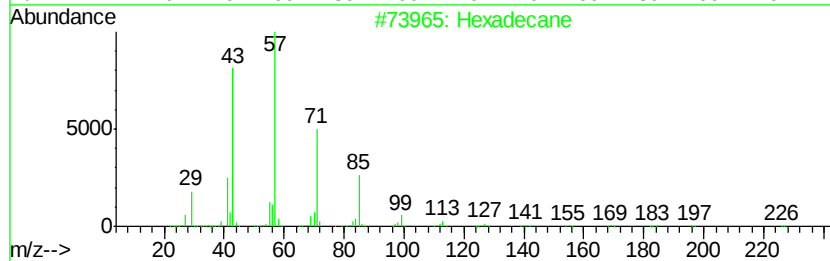
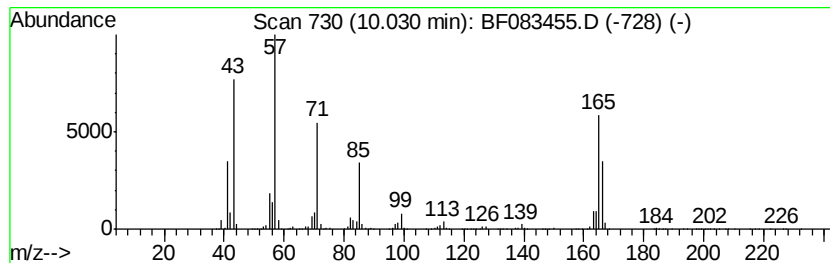
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	26.47 ng	3752490	Acenaphthene-d10	9.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Tetradecane	198 C14H30	000629-59-4	50
3	Tridecane	184 C13H28	000629-50-5	49
4	Decane, 5-propyl-	184 C13H28	017312-62-8	45
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Operator : UM/IZ
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Instrument :
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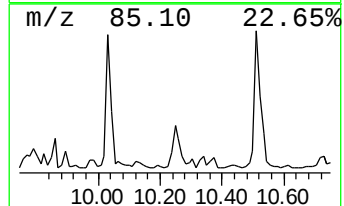
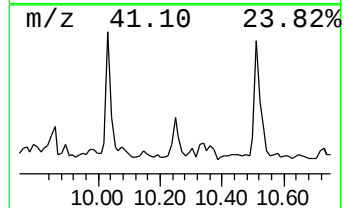
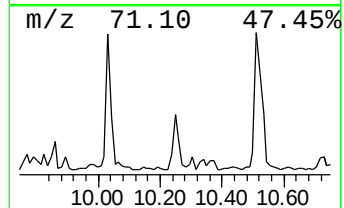
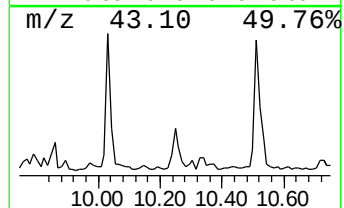
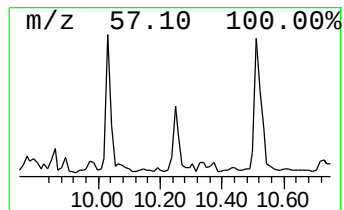
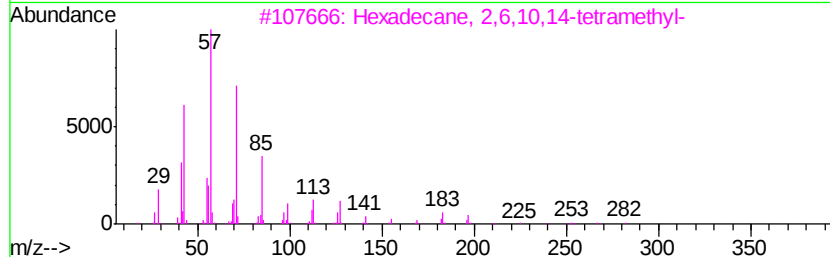
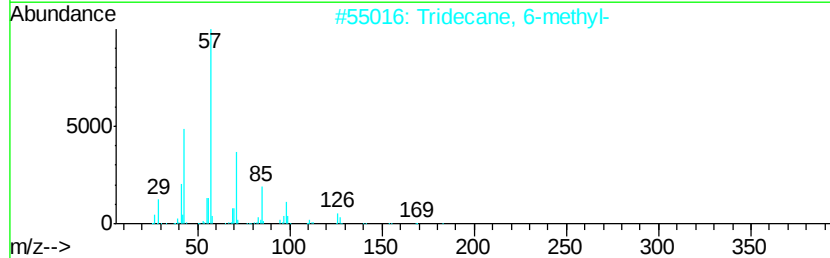
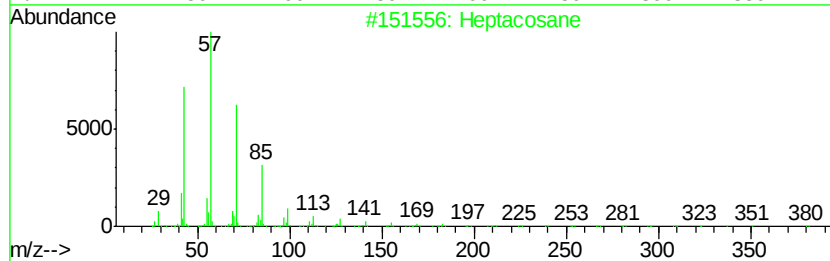
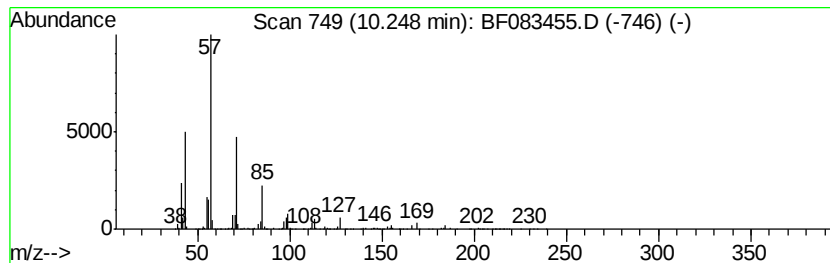
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	18.36 ng	2602520	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Operator : UM/IZ
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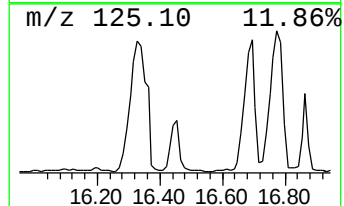
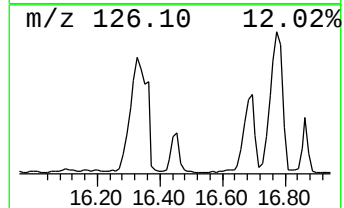
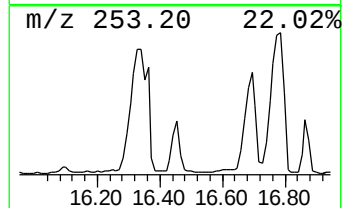
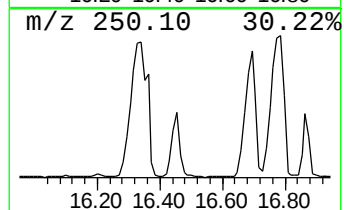
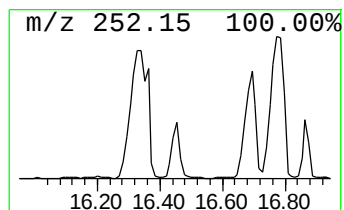
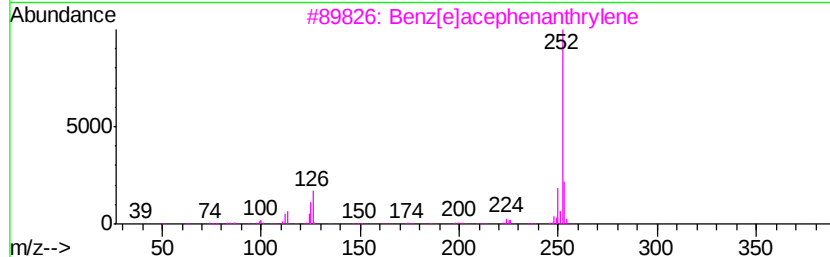
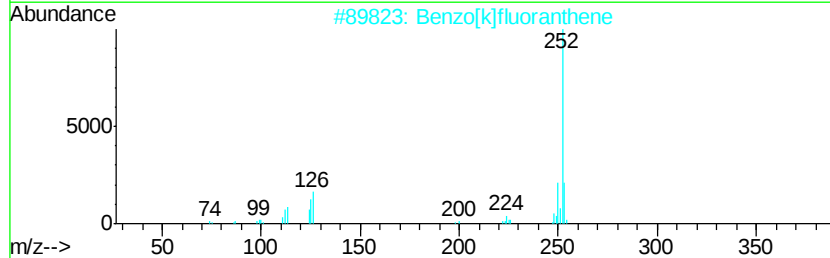
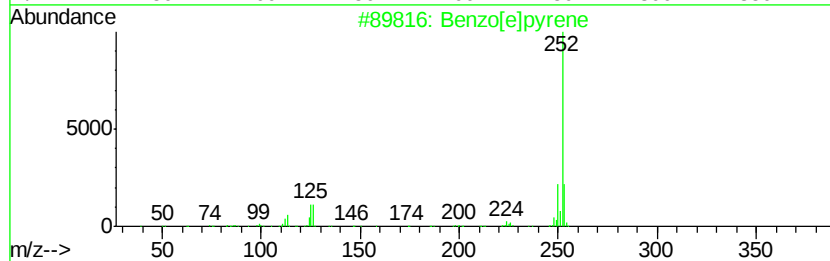
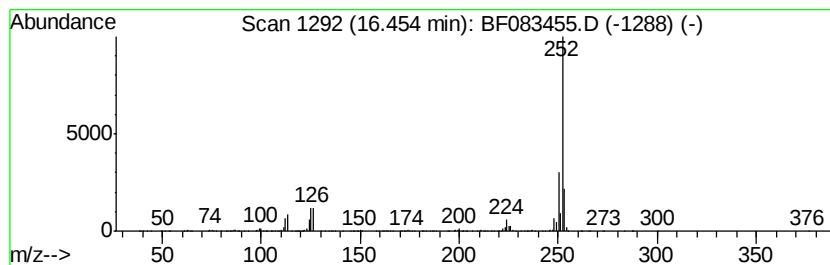
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	35.78 ng	2145310	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



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Data File : BF083455.D
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ClientSampleId :
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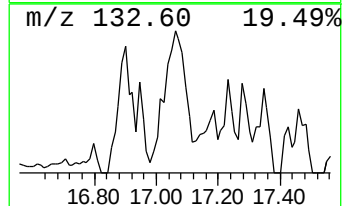
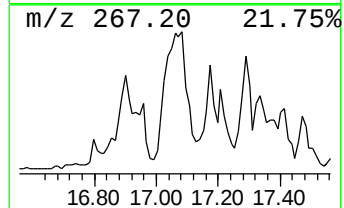
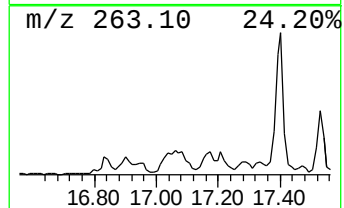
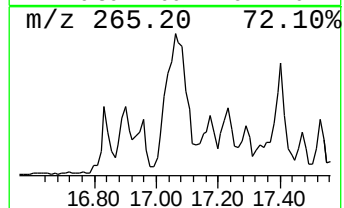
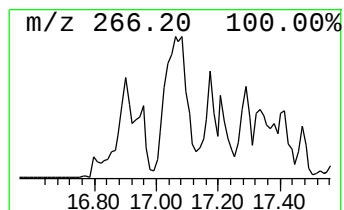
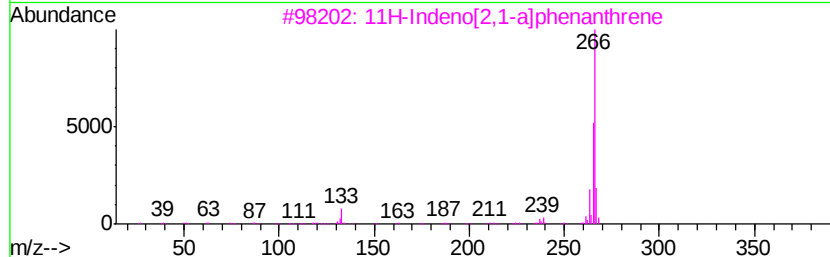
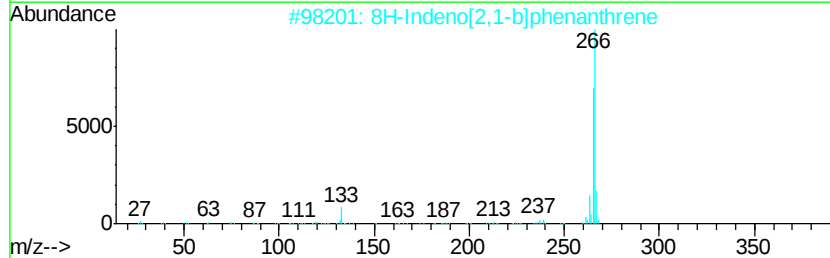
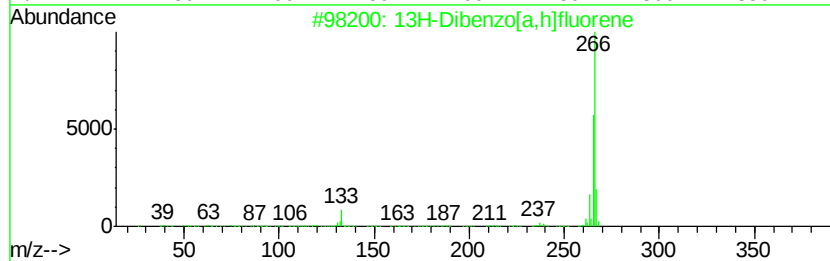
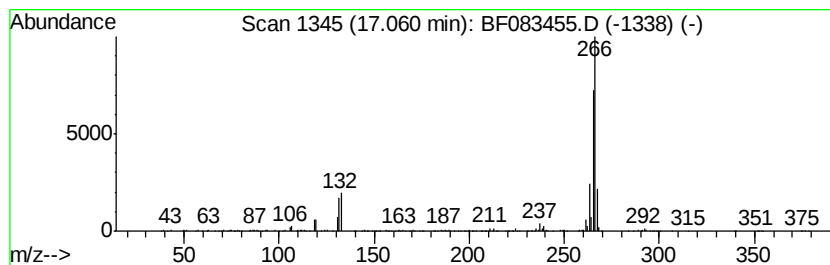
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 13H-Dibenzo[a,h]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	37.23 ng	2231810	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	95
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	95
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	93
4		4,6-Dimethyl-4'-hydroxy-2-benzyl...	266	C17H14O3	002567-73-9	53
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	53



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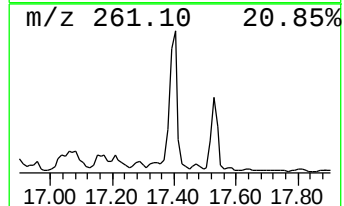
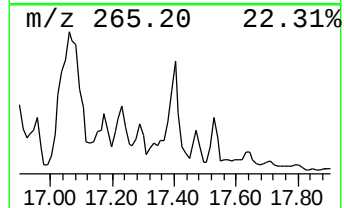
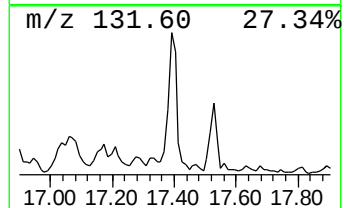
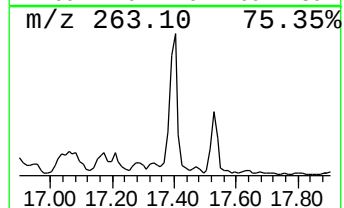
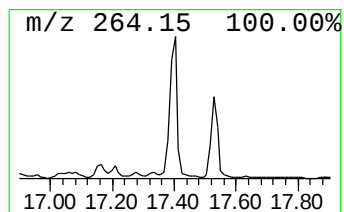
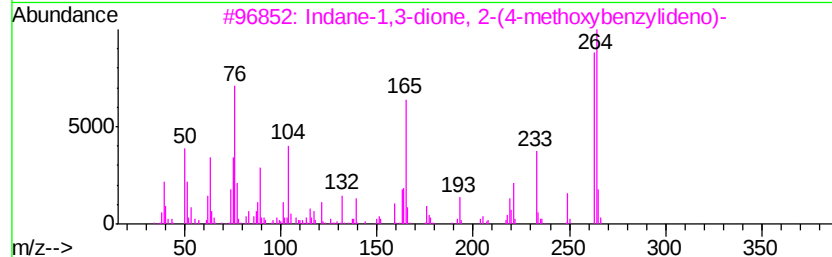
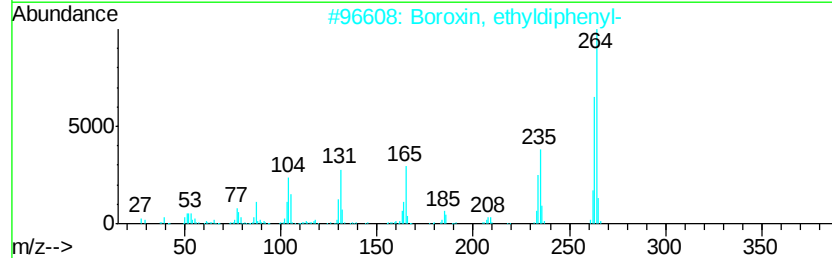
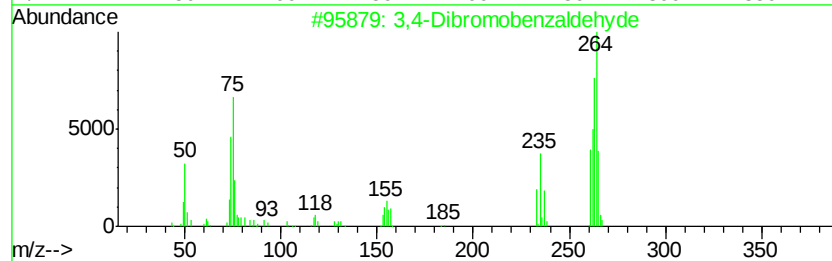
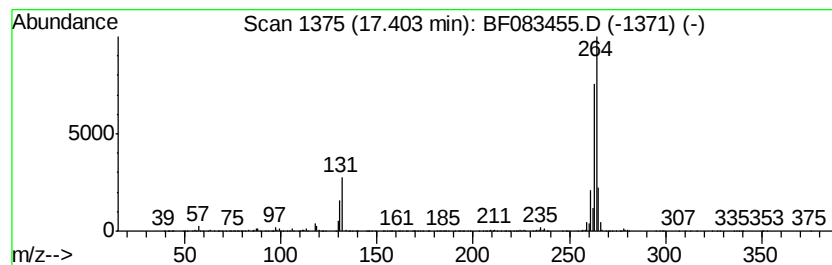
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,4-Dibromobenzaldehyde Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	37.77 ng	2264450	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	59
3		Indane-1,3-dione, 2-(4-methoxybenzylidene)-	264	C17H12O3	007421-76-3	50
4		Iron, (.eta.-5-cyclopentadienyl)-	264	C16H16Fe	1000155-06-6	38
5		1H-Pyrazole-4-carbonitrile, 3-(4-methoxybenzylidene)-	263	C12H10ClN3S	068364-67-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
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ClientSampleId :
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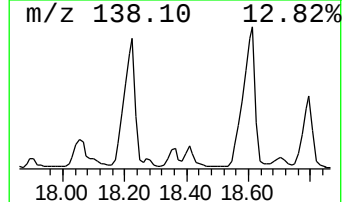
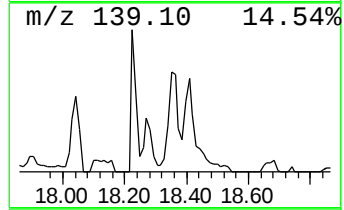
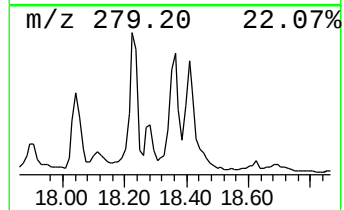
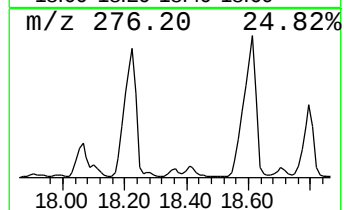
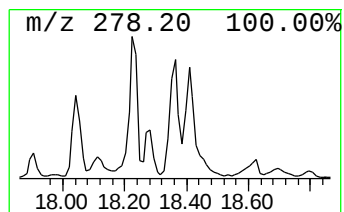
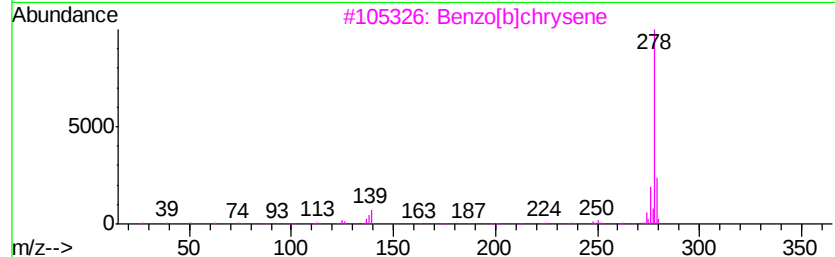
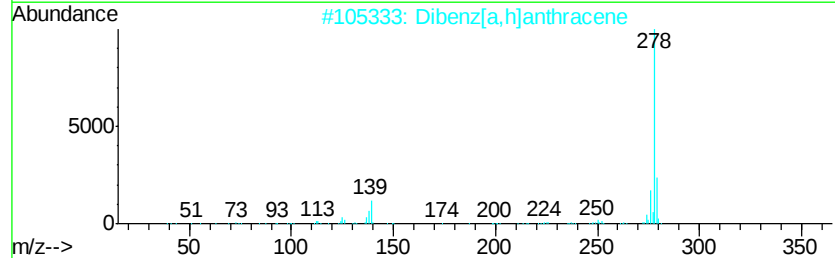
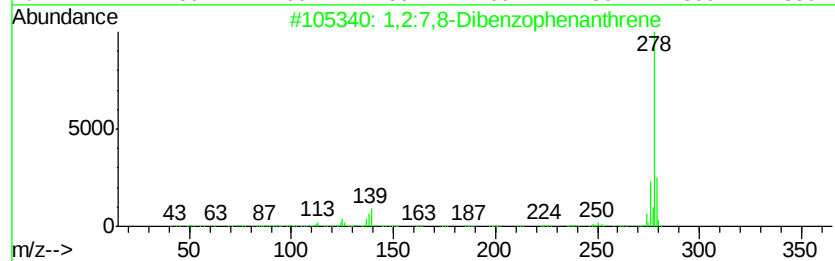
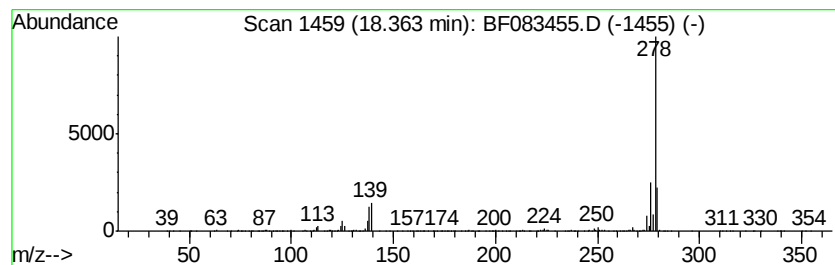
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2:7,8-Dibenzophenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	18.38 ng	1101860	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3		Benzo[b]chrysene	278	C22H14	000214-17-5	93
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	91
5		Benzo[b]triphenylene	278	C22H14	000215-58-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
Sample : G4584-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

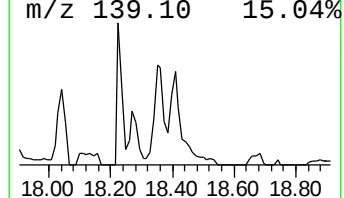
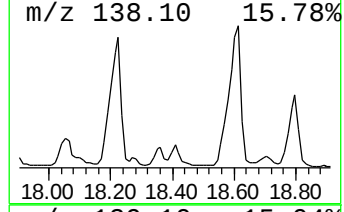
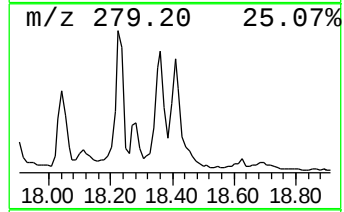
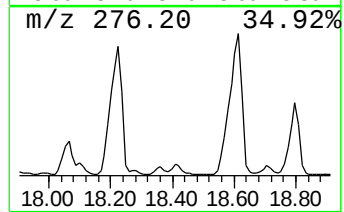
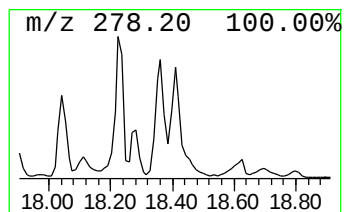
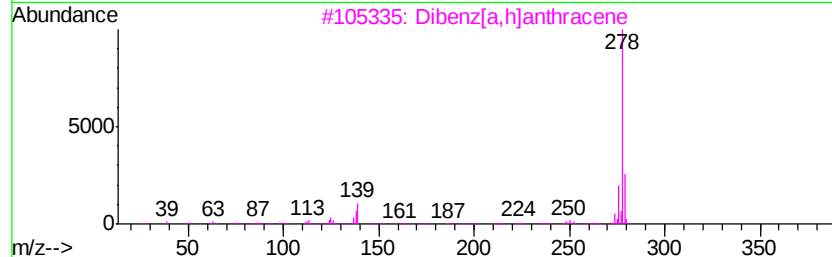
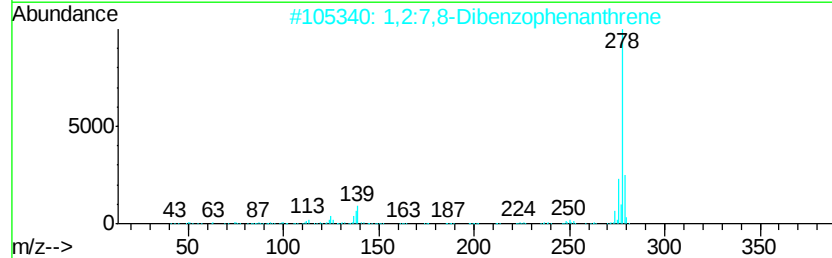
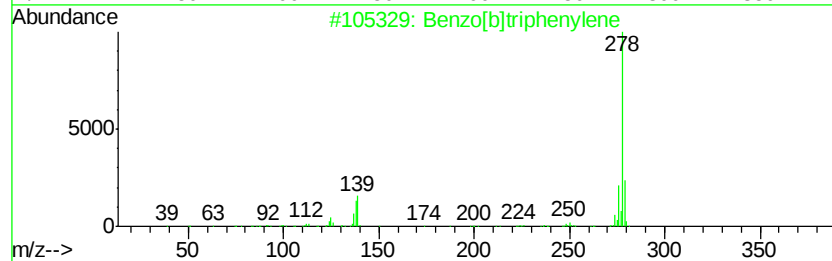
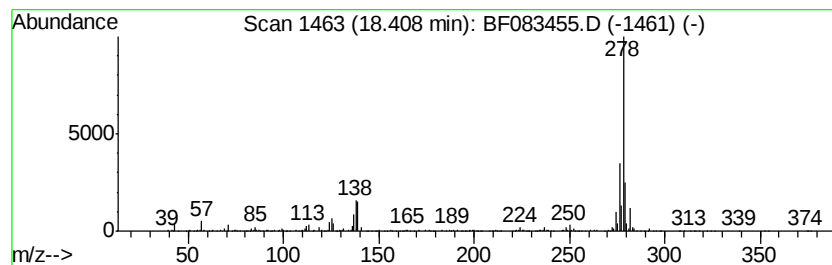
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	23.11 ng	1385220	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4		Benzo[b]chrysene	278	C22H14	000214-17-5	96
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
Sample : G4584-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(0-6)

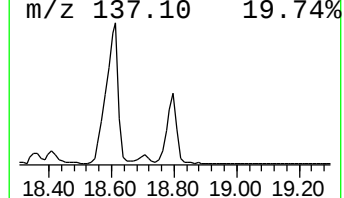
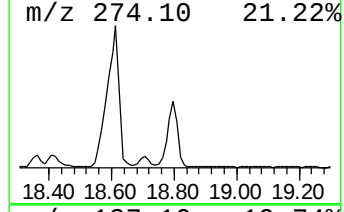
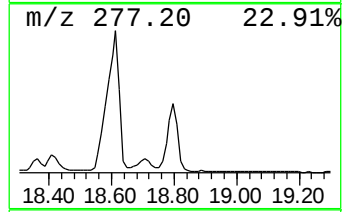
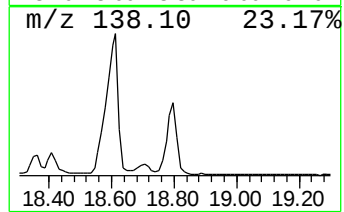
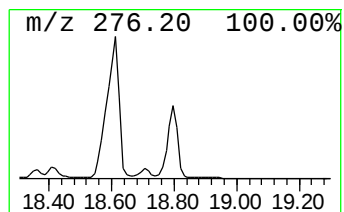
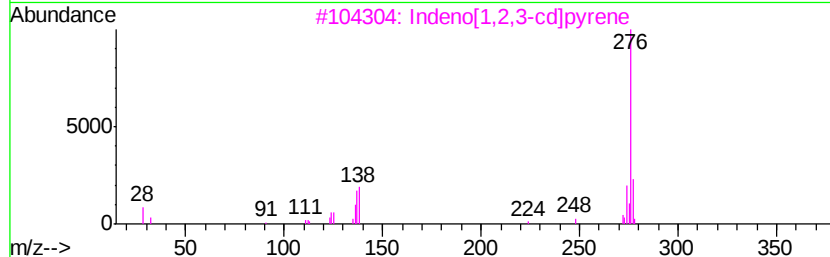
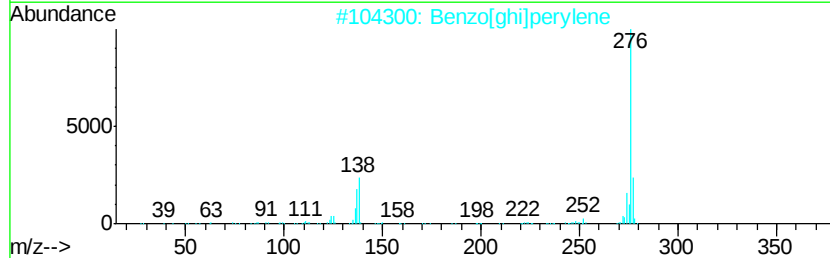
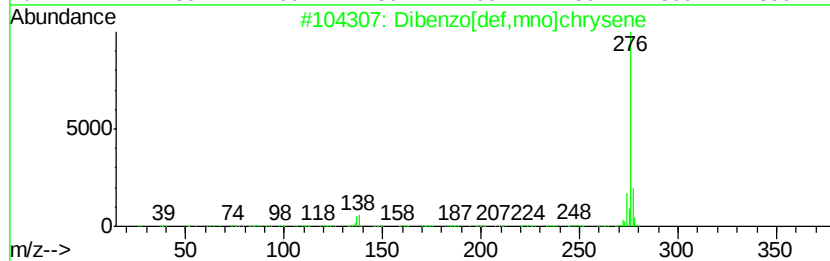
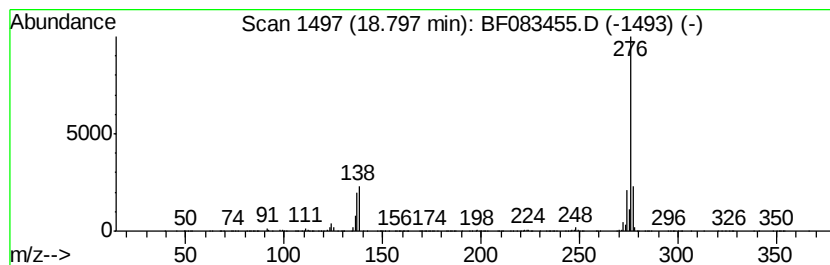
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	41.75 ng	2503000	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	80
4		Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
Sample : G4584-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(0-6)

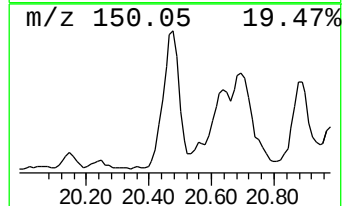
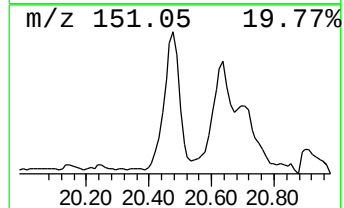
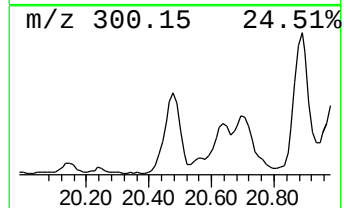
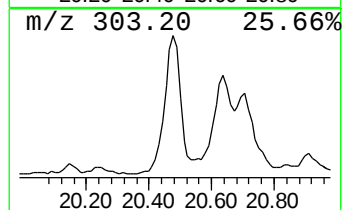
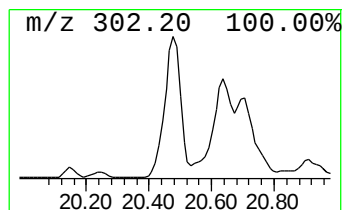
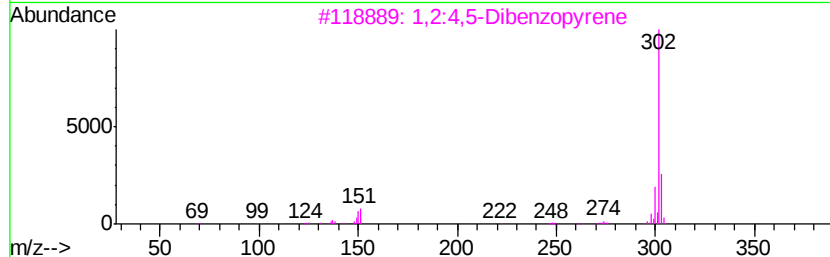
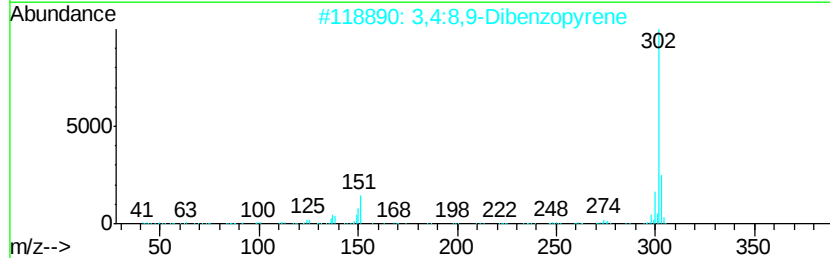
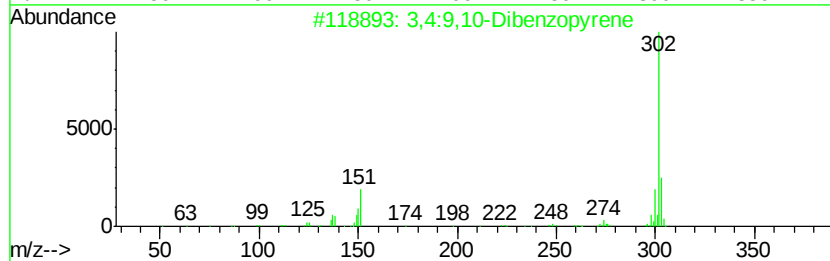
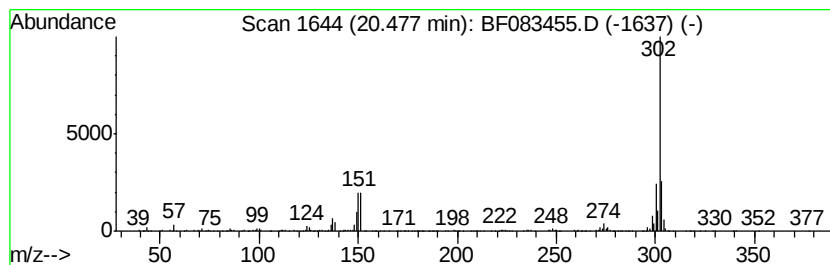
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:9,10-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	33.81 ng	2027170	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	99
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
Sample : G4584-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

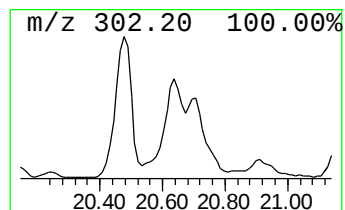
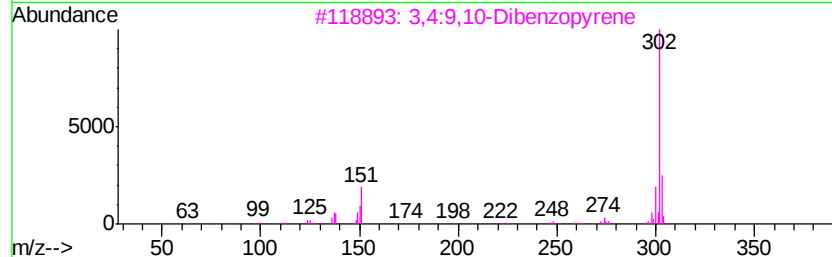
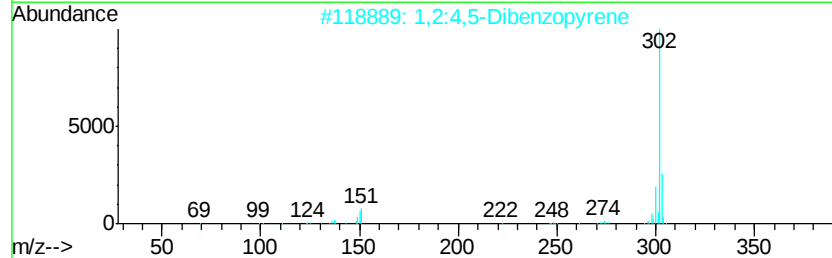
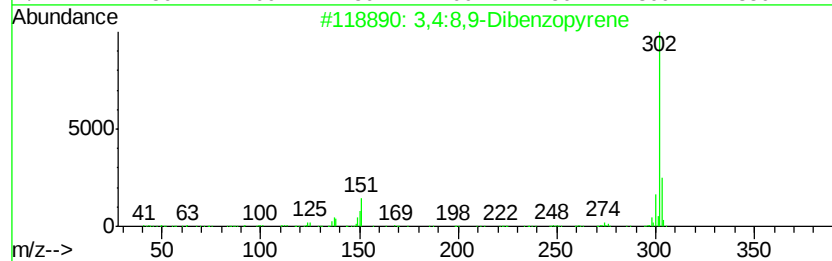
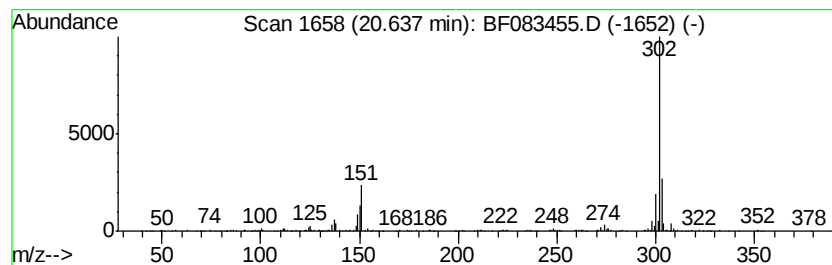
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	18.44 ng	1105470	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	91
4		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	90
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083455.D
Acq On : 3 Dec 2015 10:57
Operator : UM/IZ
Sample : G4584-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(0-6)

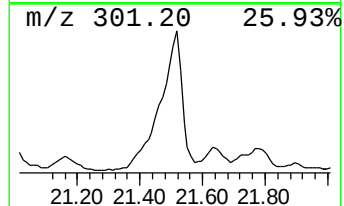
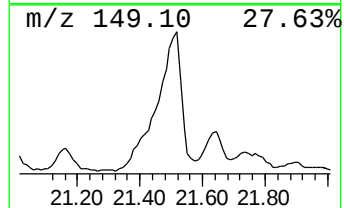
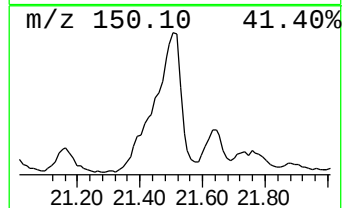
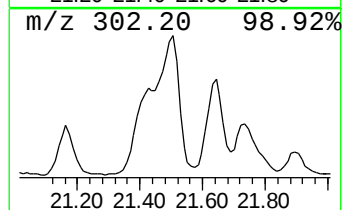
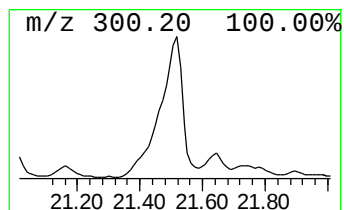
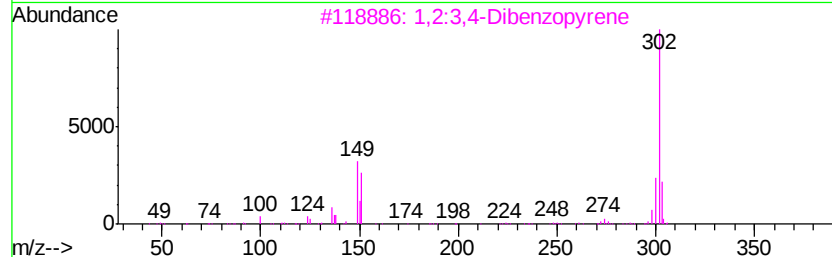
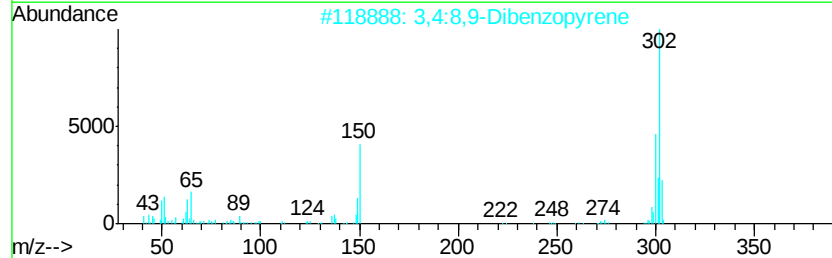
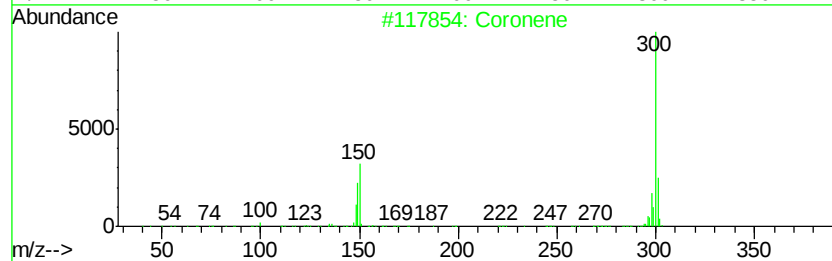
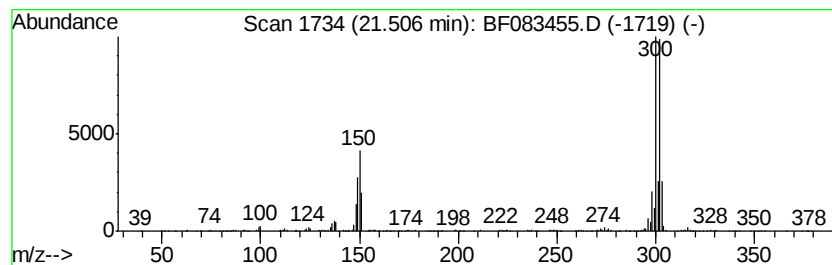
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	67.86 ng	4068380	Perylene-d12	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	95
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	55
3		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	50
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	49
5		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083455.D
 Acq On : 3 Dec 2015 10:57
 Operator : UM/IZ
 Sample : G4584-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	31.6	ng	1302120	1	6.53	822727	20.0
unknown6.32	6.32	110.4	ng	4542110	1	6.53	822727	20.0
Naphthalene, 2,6-...	9.17	16.8	ng	2376630	3	9.57	2835150	20.0
Naphthalene, 2,3-...	9.24	22.0	ng	3116790	3	9.57	2835150	20.0
Hexadecane	10.03	26.5	ng	3752490	3	9.57	2835150	20.0
Heptacosane	10.25	18.4	ng	2602520	3	9.57	2835150	20.0
Benzo[e]pyrene	16.45	35.8	ng	2145310	6	16.83	1199020	20.0
13H-Dibenzo[a,h]f...	17.06	37.2	ng	2231810	6	16.83	1199020	20.0
3,4-Dibromobenzal...	17.40	37.8	ng	2264450	6	16.83	1199020	20.0
1,2:7,8-Dibenzoph...	18.36	18.4	ng	1101860	6	16.83	1199020	20.0
Benzo[b]triphenylene	18.41	23.1	ng	1385220	6	16.83	1199020	20.0
Dibenzo[def,mno]c...	18.80	41.8	ng	2503000	6	16.83	1199020	20.0
3,4:9,10-Dibenzop...	20.48	33.8	ng	2027170	6	16.83	1199020	20.0
3,4:8,9-Dibenzopy...	20.64	18.4	ng	1105470	6	16.83	1199020	20.0
Coronene	21.51	67.9	ng	4068380	6	16.83	1199020	20.0