

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085894.D
 Acq On : 30 Mar 2016 18:56
 Operator : UM/SJ
 Sample : H2025-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-PH3-SOIL-32816

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-BF032416.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	5.396	270	272	274	rBV	2220542	2286771	35.06%	2.316%
2	5.613	288	291	300	rVB	149320	209608	3.21%	0.212%
3	6.436	361	363	366	rBV	1879093	2150352	32.97%	2.177%
4	6.562	372	374	377	rBV	2020145	2335960	35.82%	2.365%
5	6.802	392	395	397	rBV	520936	629874	9.66%	0.638%
6	6.950	406	408	413	rBV	1748749	1872998	28.72%	1.897%
7	7.362	442	444	447	rVB	1245499	1411084	21.64%	1.429%
8	7.659	468	470	472	rVB	339228	273218	4.19%	0.277%
9	8.082	505	507	512	rBV	933087	1613285	24.74%	1.634%
10	8.802	567	570	572	rVB2	315343	407314	6.25%	0.412%
11	8.893	576	578	580	rVB	439477	402123	6.17%	0.407%
12	9.168	599	602	604	rVB	1977565	2481997	38.06%	2.513%
13	9.259	607	610	611	rBV2	199608	261959	4.02%	0.265%
14	9.362	617	619	621	rVB	174769	250769	3.85%	0.254%
15	9.431	622	625	626	rBV	199181	301253	4.62%	0.305%
16	9.499	629	631	632	rVV	383104	347646	5.33%	0.352%
17	9.556	635	636	638	rVV2	565114	732409	11.23%	0.742%
18	9.613	638	641	645	rVB	155582	204904	3.14%	0.207%
19	9.705	646	649	651	rVB	772003	961632	14.74%	0.974%
20	9.842	657	661	662	rBV	878265	988621	15.16%	1.001%
21	9.876	662	664	666	rVV	1339819	1432336	21.96%	1.450%
22	10.002	672	675	677	rBV4	102732	218928	3.36%	0.222%
23	10.036	677	678	681	rVV2	157734	208187	3.19%	0.211%
24	10.082	681	682	685	rVB3	139258	185631	2.85%	0.188%
25	10.276	694	699	702	rBV3	159519	453946	6.96%	0.460%
26	10.391	707	709	712	rVB	588116	776644	11.91%	0.786%
27	10.493	715	718	721	rVV	396824	468323	7.18%	0.474%
28	10.631	727	730	732	rBV2	1445251	1560104	23.92%	1.580%
29	10.756	738	741	744	rBV	548094	686144	10.52%	0.695%
30	10.939	754	757	758	rVV2	171463	320123	4.91%	0.324%
31	11.088	766	770	772	rVV2	122803	205360	3.15%	0.208%
32	11.134	772	774	776	rVV	185152	168351	2.58%	0.170%
33	11.225	780	782	785	rVB	428179	580644	8.90%	0.588%
34	11.351	788	793	795	rBV2	3179953	4578666	70.20%	4.636%

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35	11.396	795	797	799	rVB	1192536	1425709	21.86%	1.444%
36	11.556	810	811	814	rBV2	87246	171214	2.63%	0.173%
37	11.614	814	816	818	rVV	399148	439603	6.74%	0.445%
38	11.659	818	820	824	rVB2	156533	245078	3.76%	0.248%
39	11.831	833	835	836	rVV	556038	755934	11.59%	0.765%
40	11.854	836	837	839	rVV	1103731	866655	13.29%	0.878%
41	11.899	839	841	843	rVV	262222	310979	4.77%	0.315%
42	11.934	843	844	848	rVB	1321642	2080555	31.90%	2.107%
43	12.025	848	852	854	rBV3	91873	184555	2.83%	0.187%
44	12.117	859	860	862	rVV	640561	710185	10.89%	0.719%
45	12.151	862	863	866	rVV	391234	339884	5.21%	0.344%
46	12.265	870	873	875	rBV3	137386	246581	3.78%	0.250%
47	12.299	875	876	880	rVB2	204974	333697	5.12%	0.338%
48	12.379	880	883	884	rBV	498538	581362	8.91%	0.589%
49	12.414	884	886	889	rVV2	393152	625720	9.59%	0.634%
50	12.471	889	891	895	rVV	470034	650940	9.98%	0.659%
51	12.551	895	898	900	rVV	4176547	5220445	80.05%	5.286%
52	12.585	900	901	903	rVV2	144045	213488	3.27%	0.216%
53	12.631	903	905	908	rVV	1097383	1270423	19.48%	1.286%
54	12.688	908	910	911	rVV	304164	353257	5.42%	0.358%
55	12.779	915	918	920	rVV	4346703	6521886	100.00%	6.604%
56	12.905	927	929	933	rVB	1505130	1708595	26.20%	1.730%
57	12.985	933	936	939	rBV	522452	762072	11.68%	0.772%
58	13.088	942	945	947	rVB	667613	1376590	21.11%	1.394%
59	13.157	950	951	953	rVV	439201	522425	8.01%	0.529%
60	13.202	953	955	956	rVV	719526	806813	12.37%	0.817%
61	13.294	958	963	964	rVV	538329	788191	12.09%	0.798%
62	13.317	964	965	971	rVV	572472	685500	10.51%	0.694%
63	13.602	986	990	994	rVB	383869	509132	7.81%	0.516%
64	13.717	996	1000	1001	rBV	461418	801216	12.29%	0.811%
65	13.740	1001	1002	1003	rVV	817033	675823	10.36%	0.684%
66	13.762	1003	1004	1007	rVV	882304	1002427	15.37%	1.015%
67	13.808	1007	1008	1012	rVB	336217	436102	6.69%	0.442%
68	13.877	1012	1014	1018	rVB	119132	192483	2.95%	0.195%
69	13.957	1018	1021	1023	rBV2	2826206	4697519	72.03%	4.757%
70	13.991	1023	1024	1027	rVV	1943102	2829268	43.38%	2.865%
71	14.071	1030	1031	1033	rVV2	172419	248809	3.81%	0.252%

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72	14.117	1033	1035	1039	rVB2	528710	843938	12.94%	0.855%
73	14.345	1053	1055	1057	rVV	478702	678072	10.40%	0.687%
74	14.380	1057	1058	1060	rVV	296439	353254	5.42%	0.358%
75	14.437	1060	1063	1065	rVV3	296146	626994	9.61%	0.635%
76	14.494	1065	1068	1070	rVV2	598503	879855	13.49%	0.891%
77	14.540	1070	1072	1075	rVB	286145	351377	5.39%	0.356%
78	14.825	1095	1097	1101	rBV2	147584	216972	3.33%	0.220%
79	14.997	1108	1112	1117	rBV	2323302	5243722	80.40%	5.310%
80	15.088	1117	1120	1122	rBV	507241	689333	10.57%	0.698%
81	15.271	1133	1136	1139	rVB	1727574	2511165	38.50%	2.543%
82	15.340	1139	1142	1144	rBV	2379077	3485605	53.44%	3.530%
83	15.385	1144	1146	1147	rVV	482798	593305	9.10%	0.601%
84	15.420	1147	1149	1153	rVB2	538615	745348	11.43%	0.755%
85	15.545	1158	1160	1162	rBV	94250	170954	2.62%	0.173%
86	15.683	1170	1172	1174	rBV	123742	169781	2.60%	0.172%
87	15.865	1186	1188	1190	rVV	119537	183573	2.81%	0.186%
88	15.911	1190	1192	1196	rVB	283732	390599	5.99%	0.396%
89	16.048	1202	1204	1212	rVB3	78892	187237	2.87%	0.190%
90	16.334	1227	1229	1234	rBV2	83775	200035	3.07%	0.203%
91	16.437	1235	1238	1242	rBV3	74236	210537	3.23%	0.213%
92	16.586	1248	1251	1252	rBV	105453	220689	3.38%	0.223%
93	16.780	1263	1268	1270	rBV	983468	2213423	33.94%	2.241%
94	16.826	1270	1272	1277	rVB	100951	208637	3.20%	0.211%
95	16.917	1277	1280	1283	rBV	168185	337638	5.18%	0.342%
96	16.974	1283	1285	1289	rBV2	132757	267931	4.11%	0.271%
97	17.191	1299	1304	1310	rVB	896399	2017829	30.94%	2.043%
98	17.408	1319	1323	1330	rVB	123978	366145	5.61%	0.371%
99	19.283	1482	1487	1494	rVB	182495	635378	9.74%	0.643%
100	19.466	1499	1503	1506	rBV	68113	198239	3.04%	0.201%

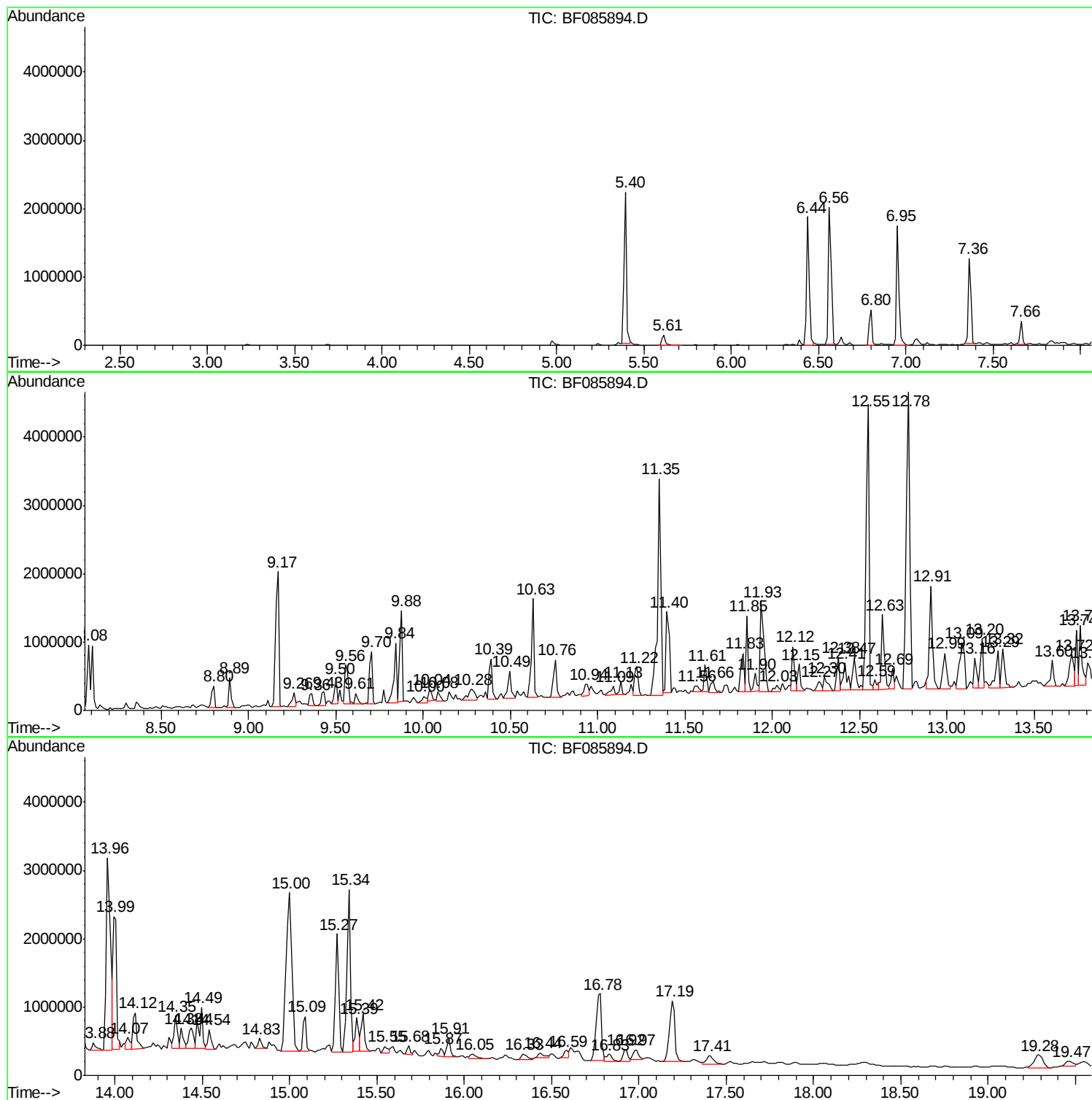
Sum of corrected areas: 98755844

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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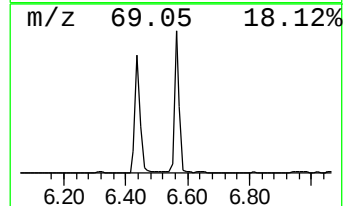
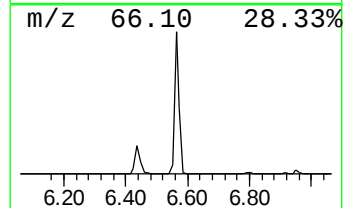
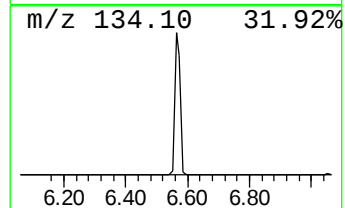
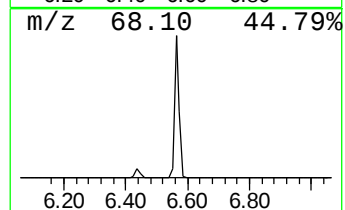
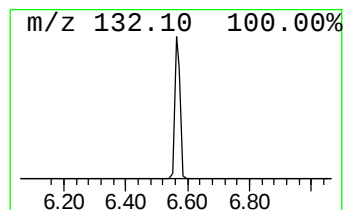
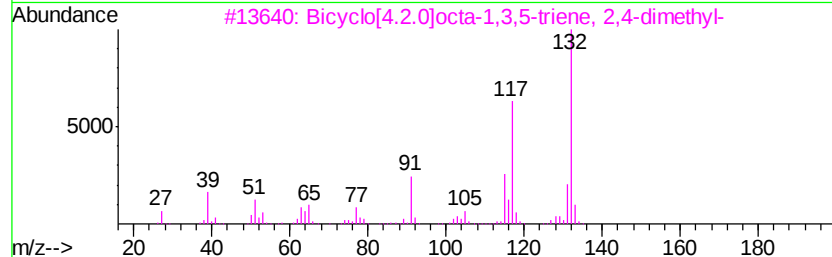
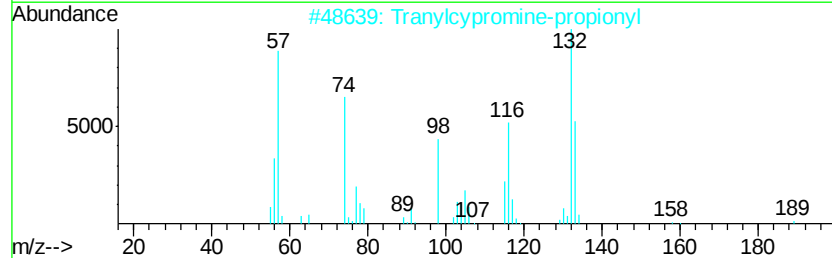
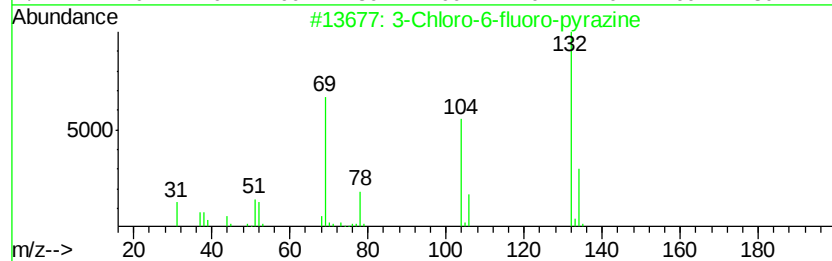
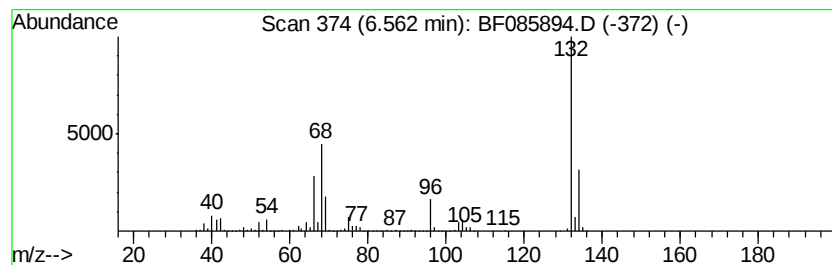
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	74.17 ng	2335960	1,4-Dichlorobenzene-d4	6.80

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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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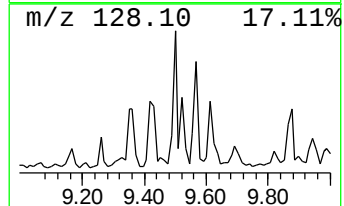
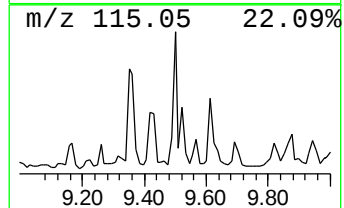
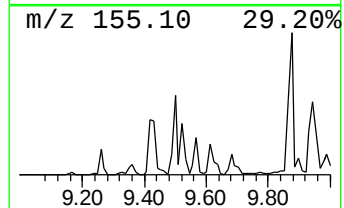
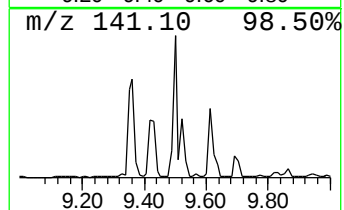
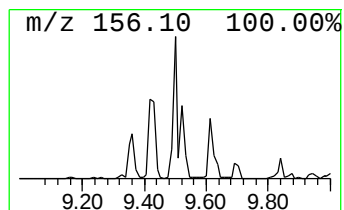
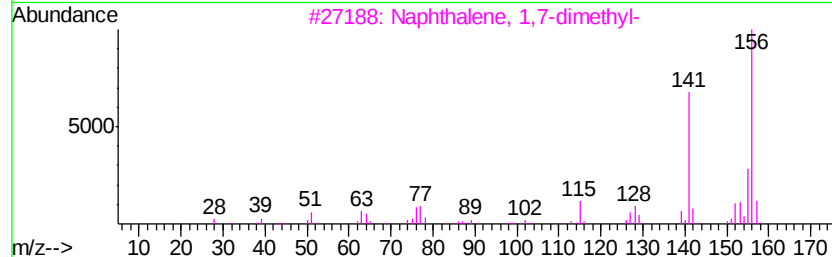
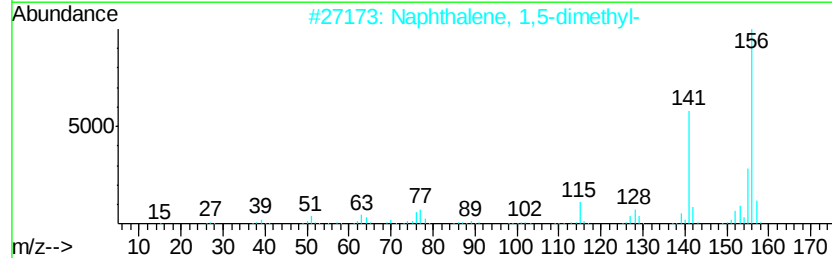
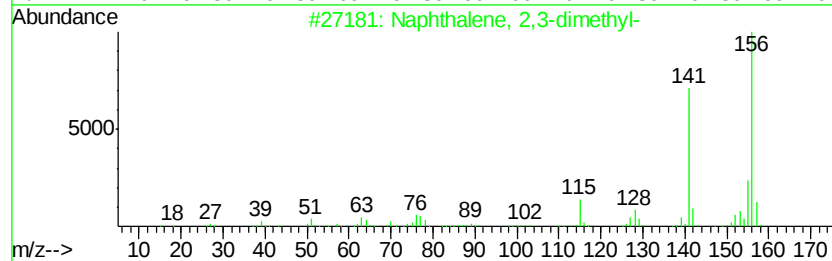
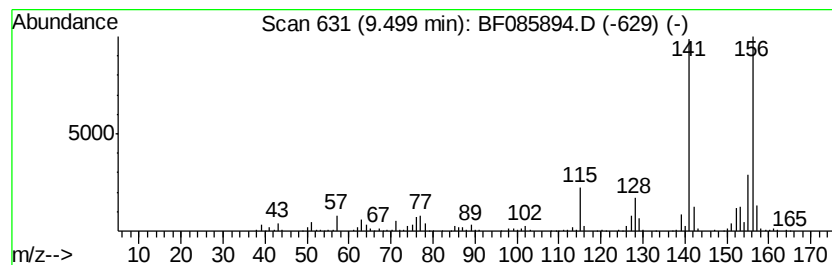
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	7.03 ng	347646	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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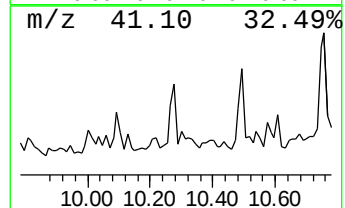
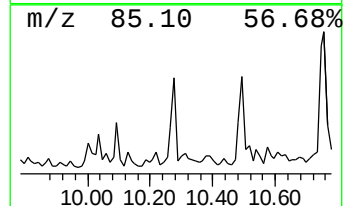
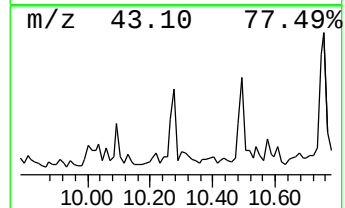
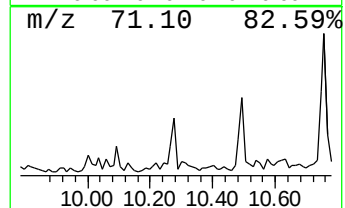
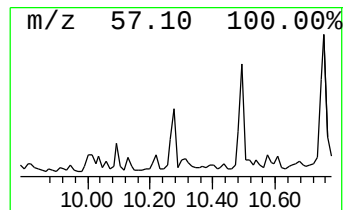
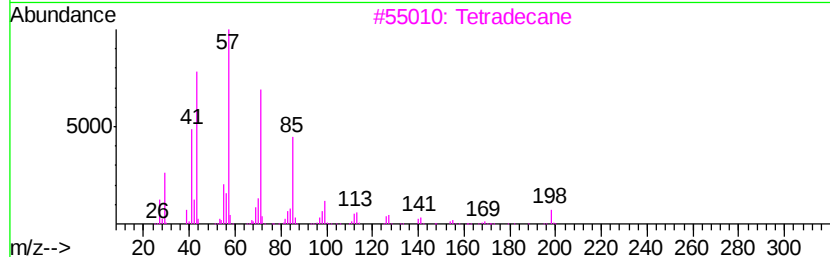
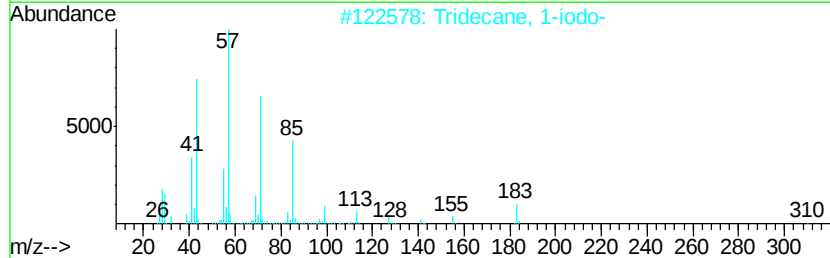
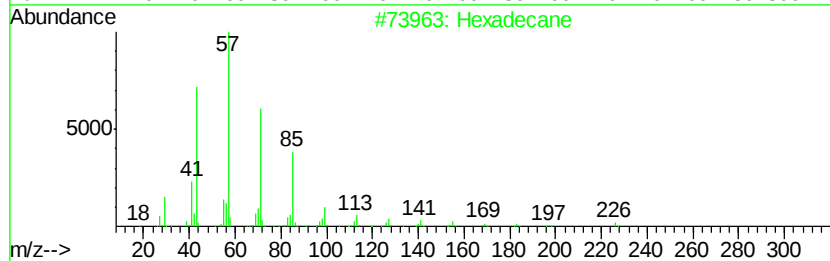
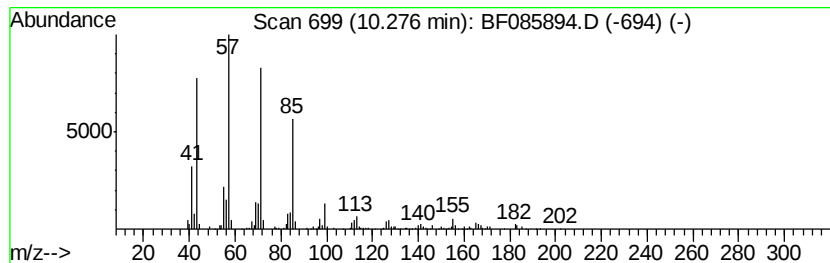
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.28	9.18 ng	453946	Acenaphthene-d10	9.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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Operator : UM/SJ
Sample : H2025-01
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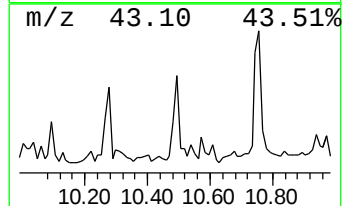
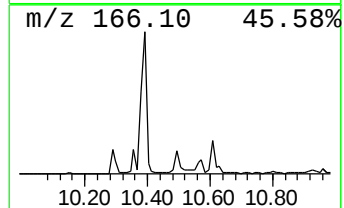
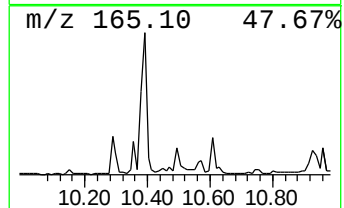
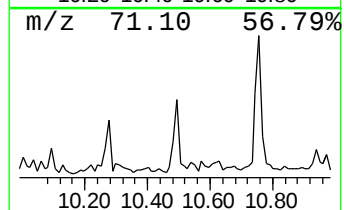
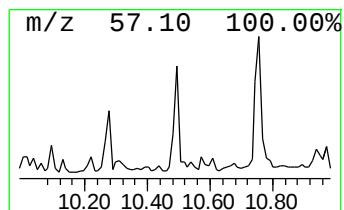
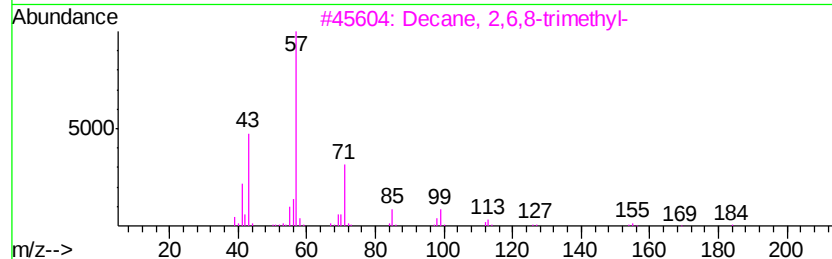
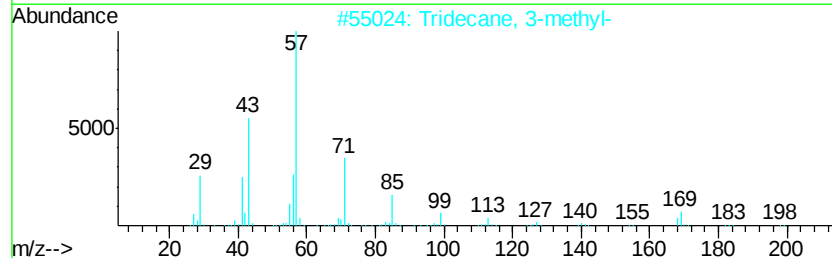
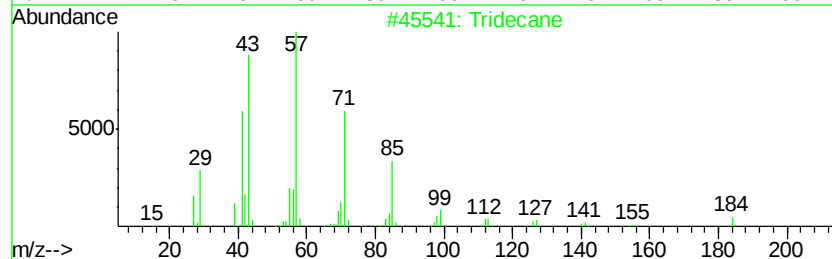
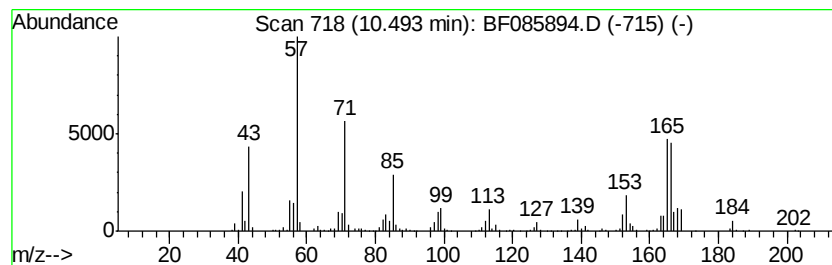
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.49	9.47 ng	468323	Acenaphthene-d10		9.84	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	51
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	35
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	30
5		Heptacosane	380	C27H56	000593-49-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
Acq On : 30 Mar 2016 18:56
Operator : UM/SJ
Sample : H2025-01
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Instrument :
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ClientSampleId :
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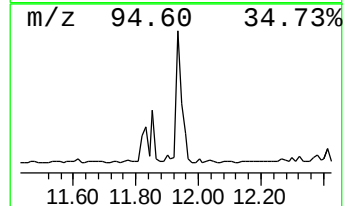
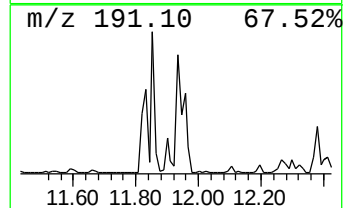
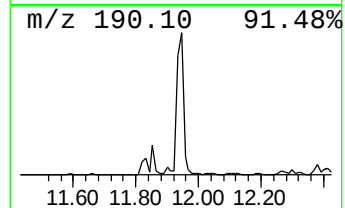
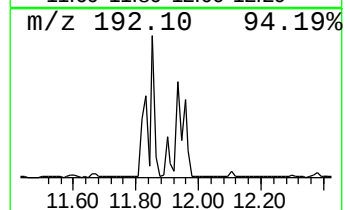
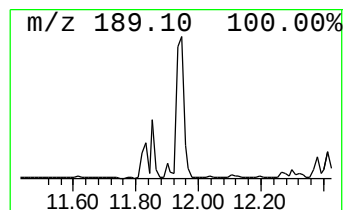
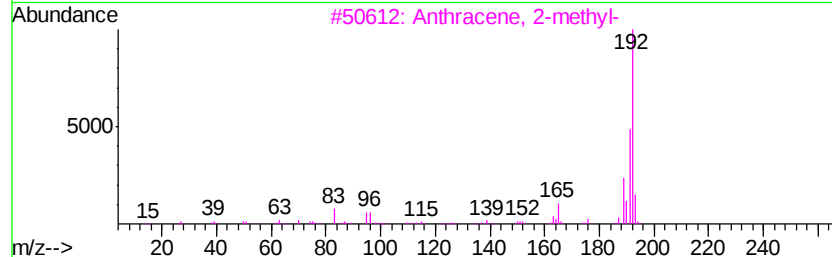
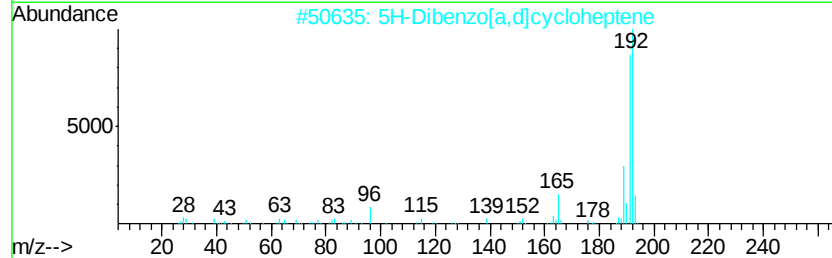
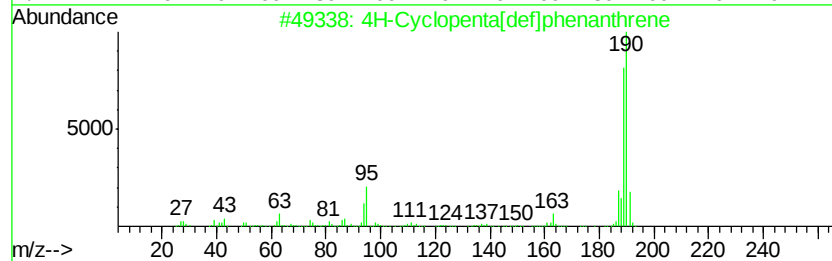
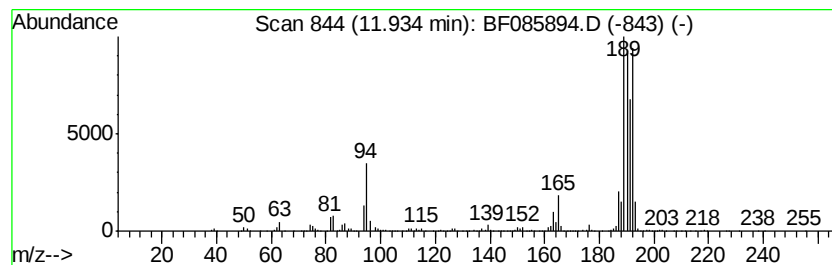
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	9.09 ng	2080560	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
Acq On : 30 Mar 2016 18:56
Operator : UM/SJ
Sample : H2025-01
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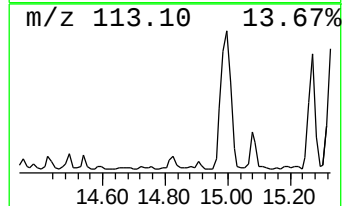
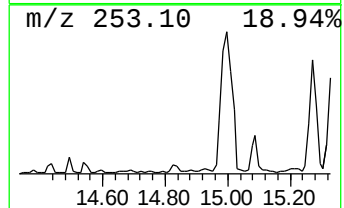
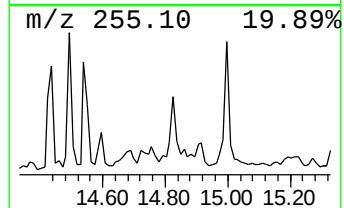
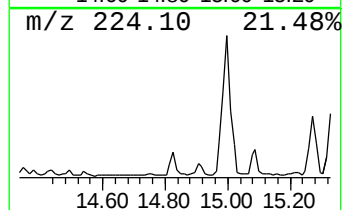
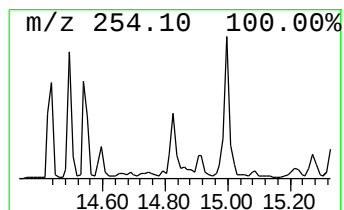
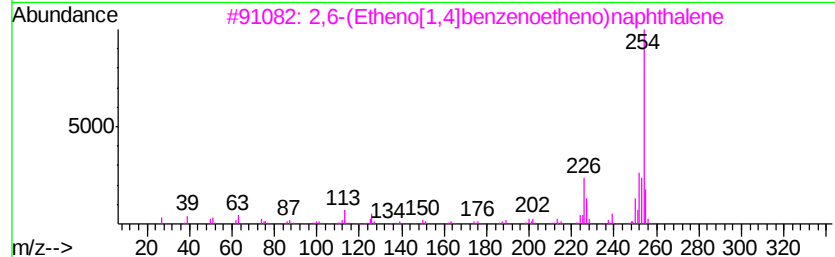
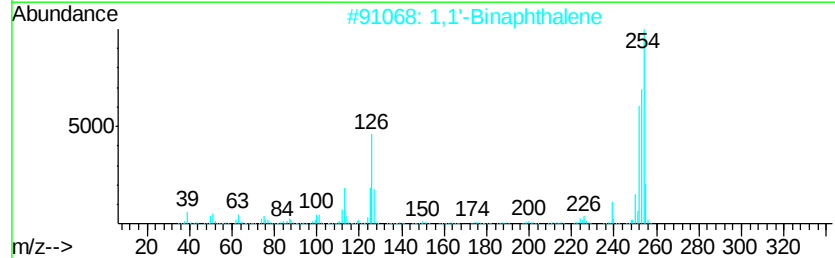
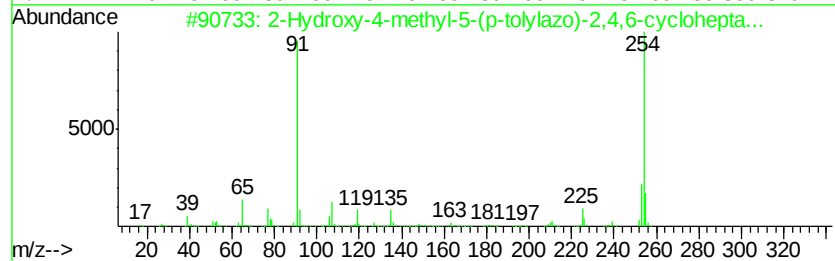
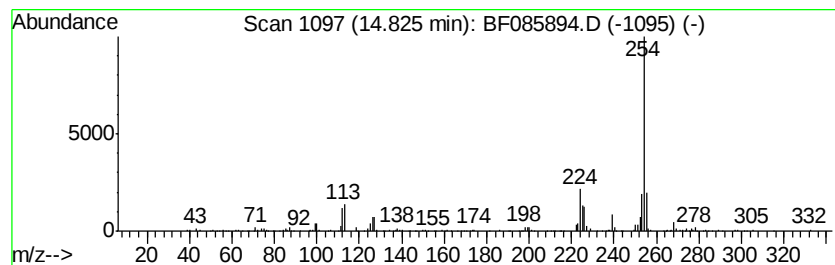
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Hydroxy-4-methyl-5-(p-tol... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.83	7.31 ng	216972	Perylene-d12		15.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-4-methyl-5-(p-tolylazo...	254	C15H14N2O2	066777-90-0	53	
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	52	
3	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50	
4	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	45	
5	Estra-1,3,5(10),16-tetraen-3-ol	254	C18H22O	001150-90-9	43	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
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Operator : UM/SJ
Sample : H2025-01
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Instrument :
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ClientSampleId :
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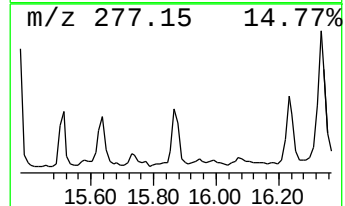
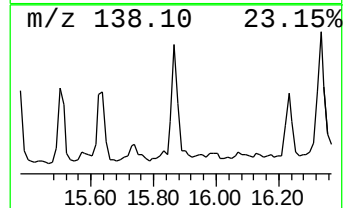
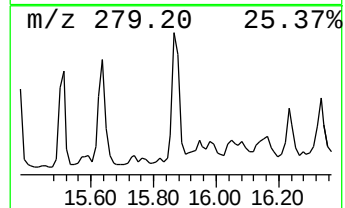
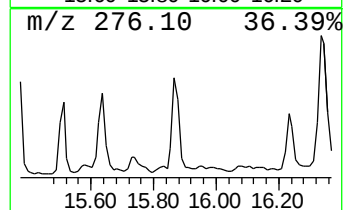
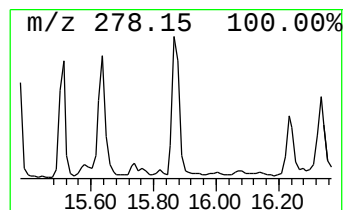
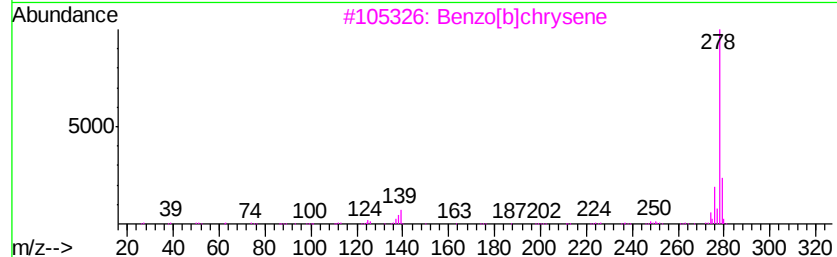
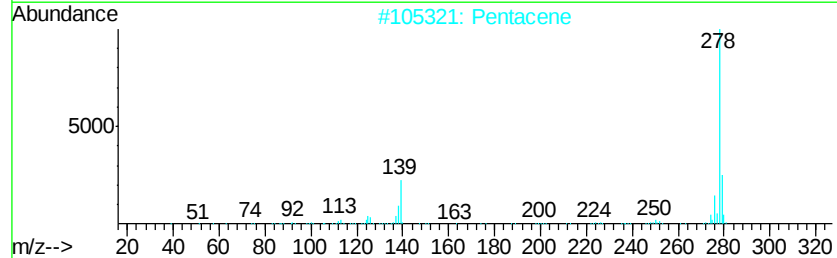
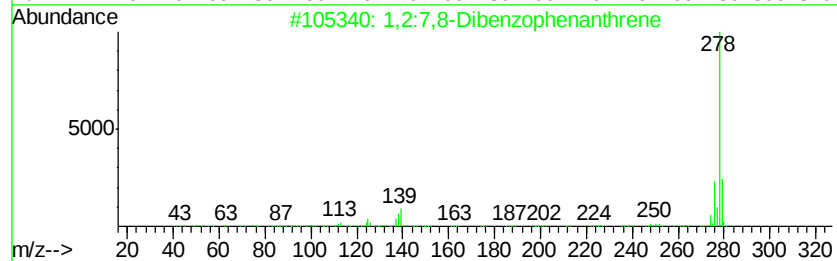
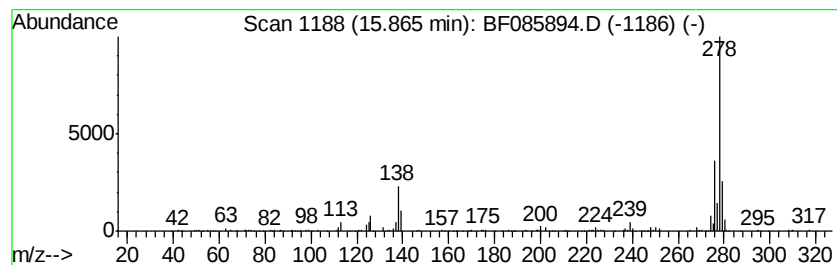
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,2:7,8-Dibenzophenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	6.19 ng	183573	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	89
2			Pentacene	278	C22H14	000135-48-8	86
3			Benzo[b]chrysene	278	C22H14	000214-17-5	76
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
5			Pyrene, 1-phenyl-	278	C22H14	005101-27-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
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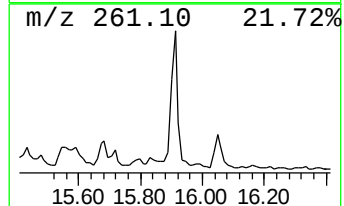
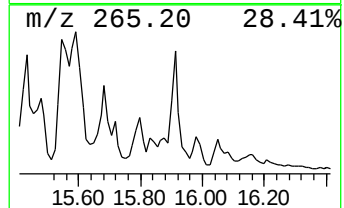
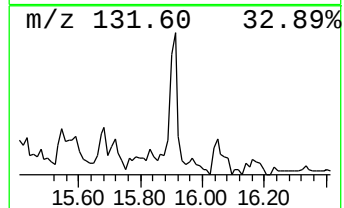
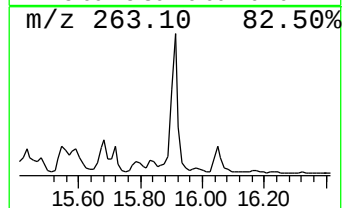
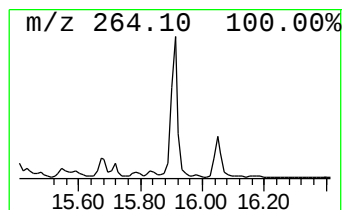
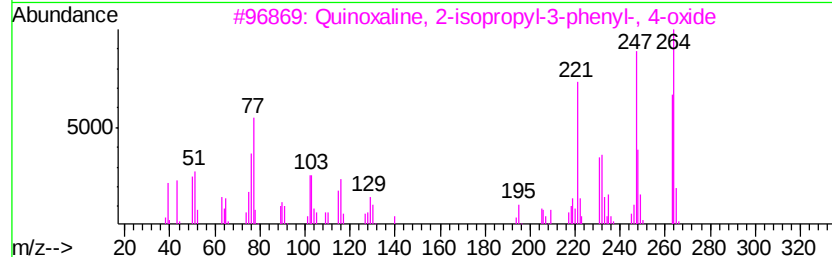
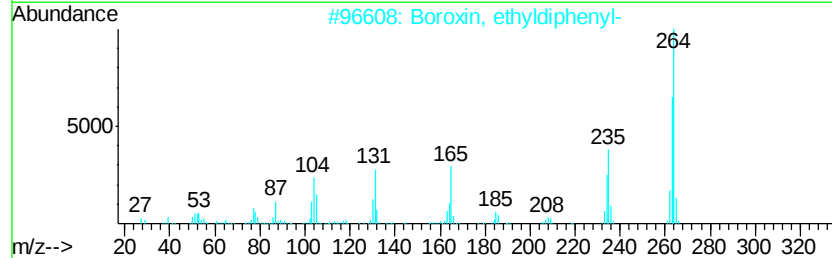
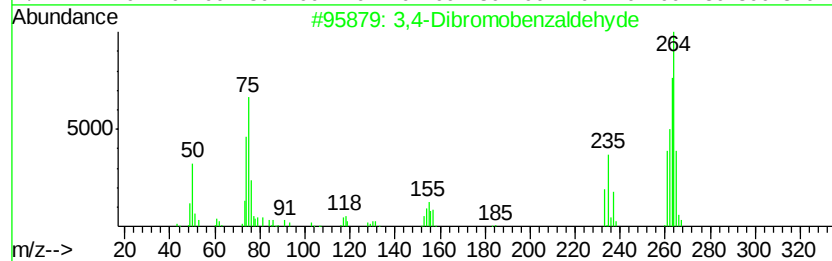
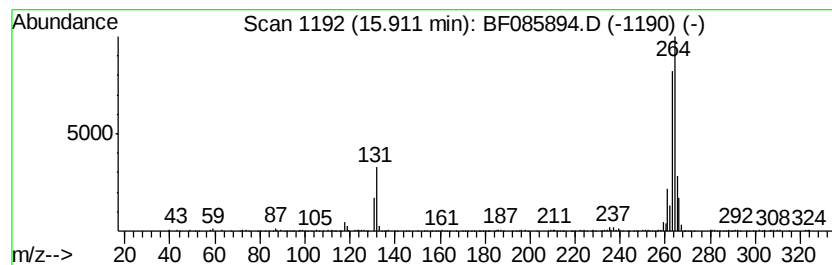
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3,4-Dibromobenzaldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.17 ng	390599	Perylene-d12	15.39

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		Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	53
4		Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	40
5		7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	25



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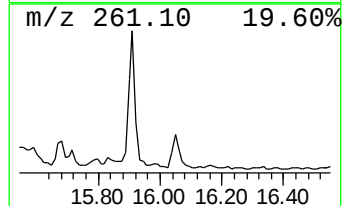
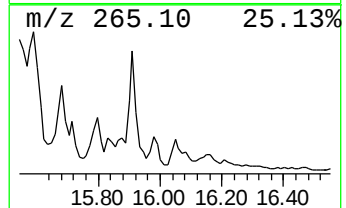
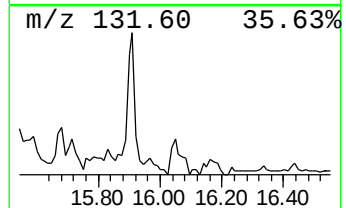
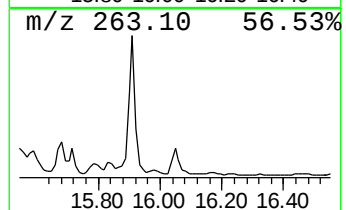
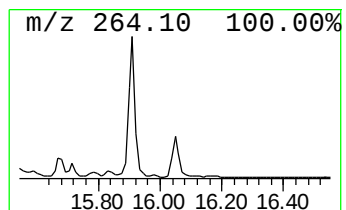
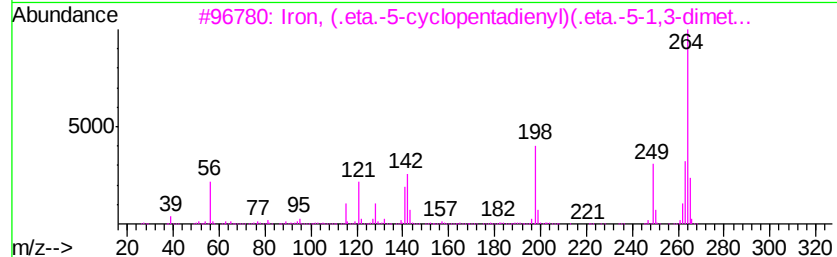
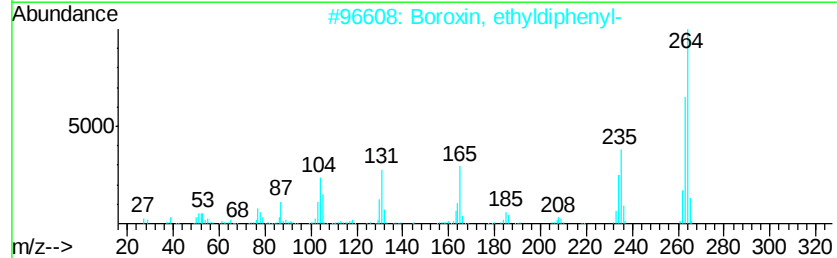
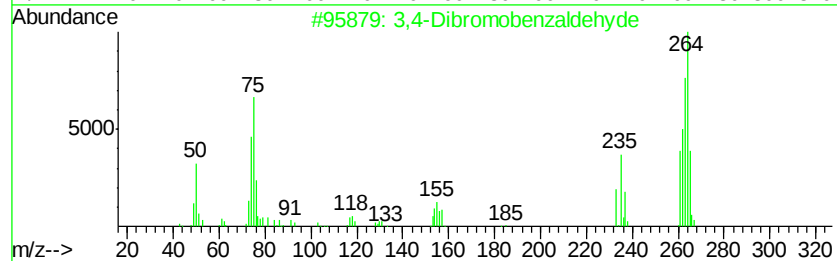
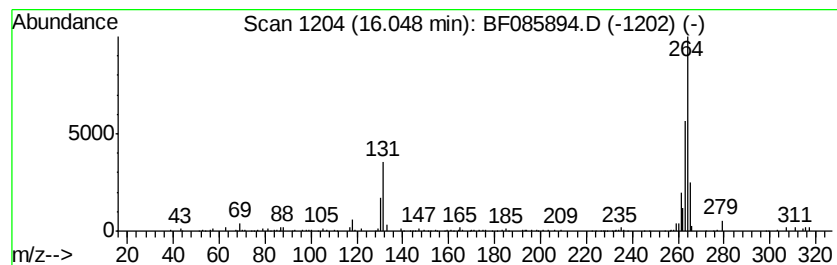
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Boroxin, ethyldiphenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	6.31 ng	187237	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde			262	C7H4Br2O	074003-55-7	64
2	Boroxin, ethyldiphenyl-			264	C14H15B3O3	1000151-82-0	59
3	Iron, (.eta.-5-cyclopentadienyl)...			264	C16H16Fe	1000155-06-6	47
4	2,5-Bis(4-hydroxyphenyl)pyrimidine			264	C16H12N2O2	159488-83-2	43
5	2-Oxo-6-phenyl-4-(2-hydroxypheny...			264	C16H12N2O2	017432-82-5	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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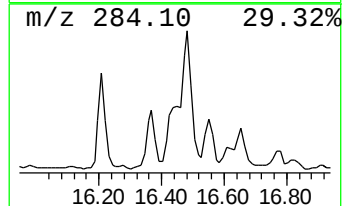
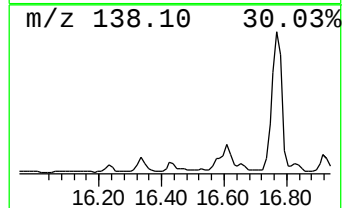
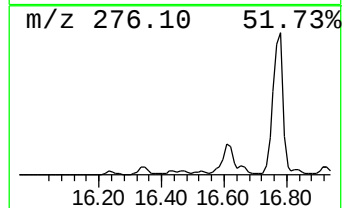
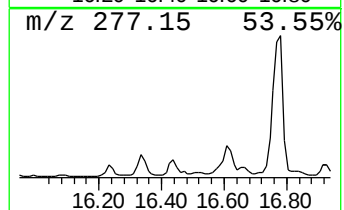
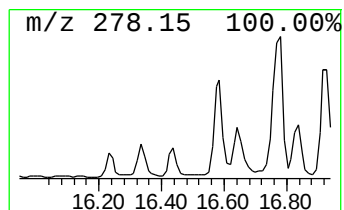
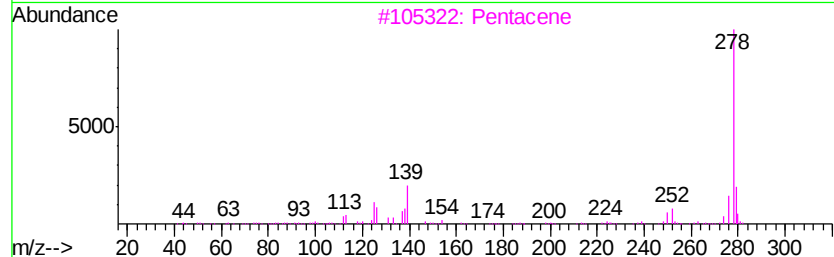
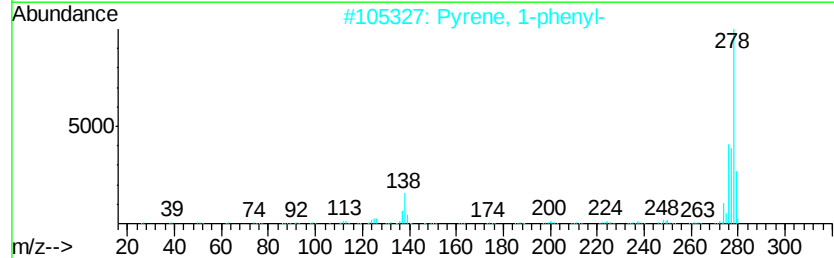
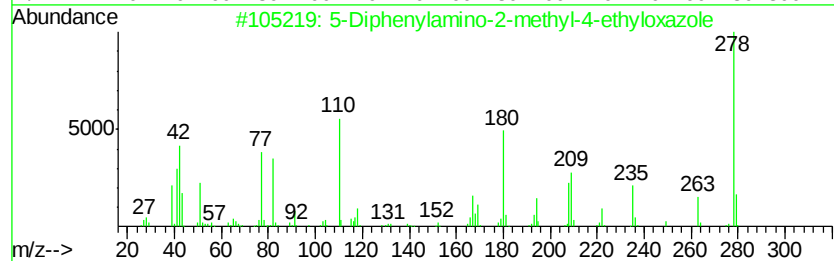
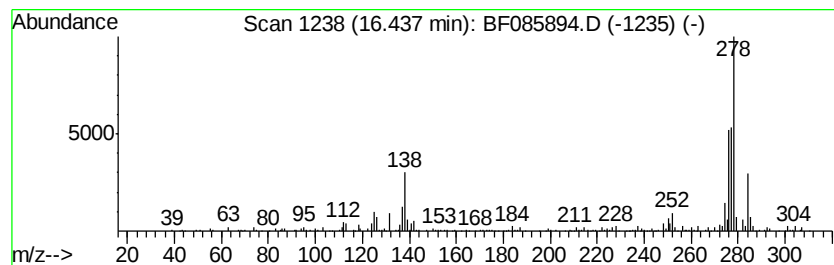
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-Diphenylamino-2-methyl-4-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.10 ng	210537	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Diphenylamino-2-methyl-4-ethyl...	278	C18H18N2O	066927-32-0	70
2		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	60
3		Pentacene	278	C22H14	000135-48-8	42
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	41
5		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
Acq On : 30 Mar 2016 18:56
Operator : UM/SJ
Sample : H2025-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CS-PH3-SOIL-32816

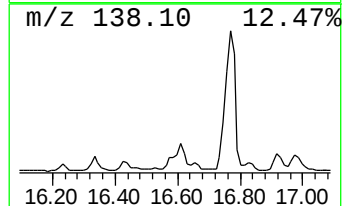
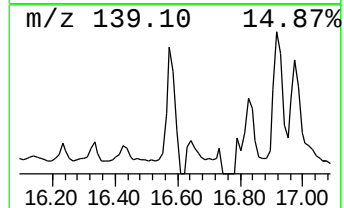
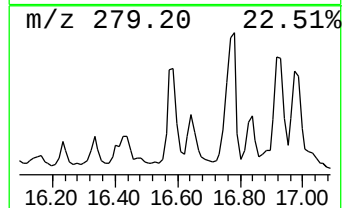
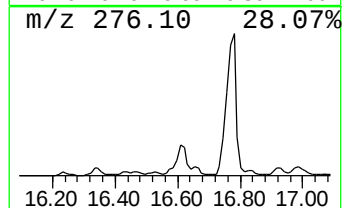
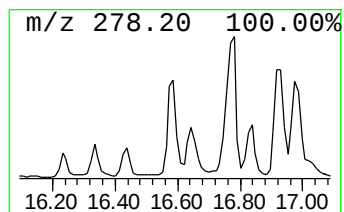
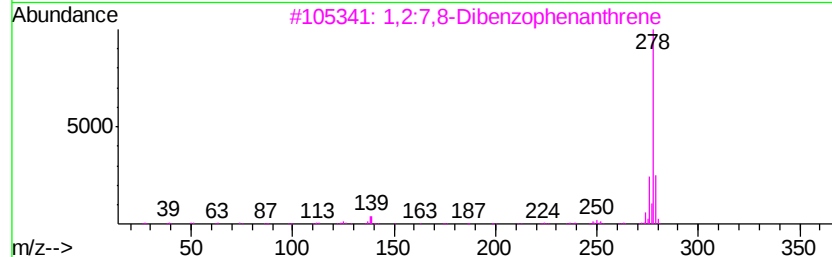
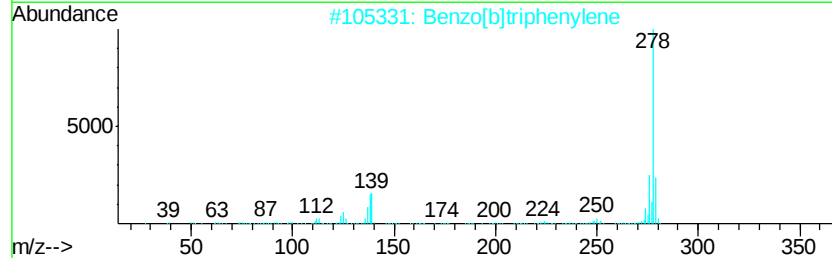
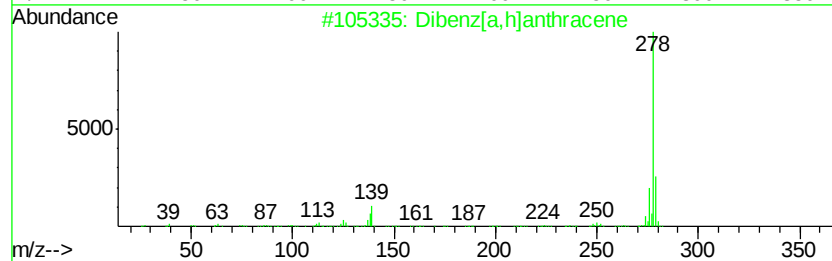
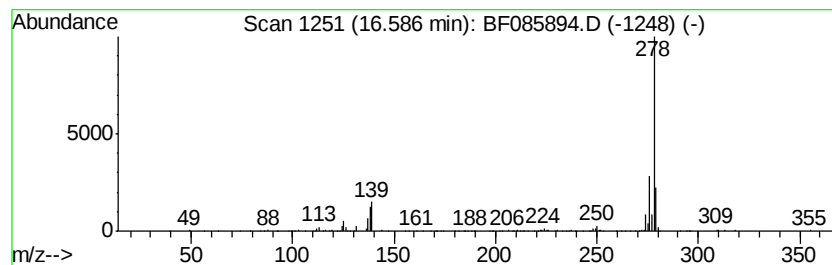
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	7.44 ng	220689	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	91
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	91
4		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	91
5		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
Acq On : 30 Mar 2016 18:56
Operator : UM/SJ
Sample : H2025-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-PH3-SOIL-32816

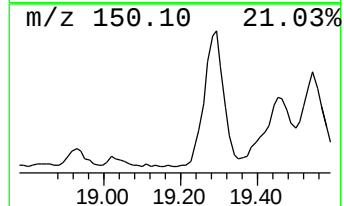
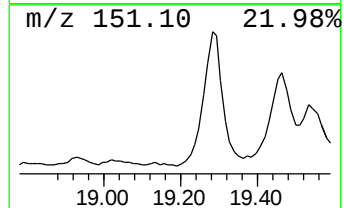
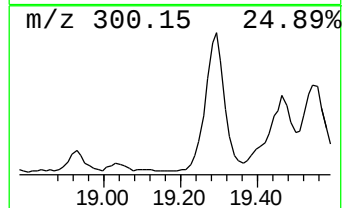
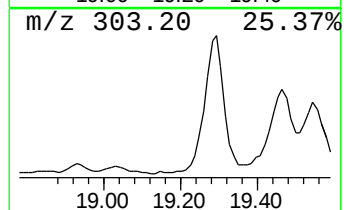
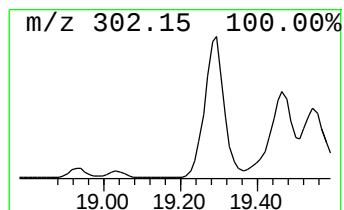
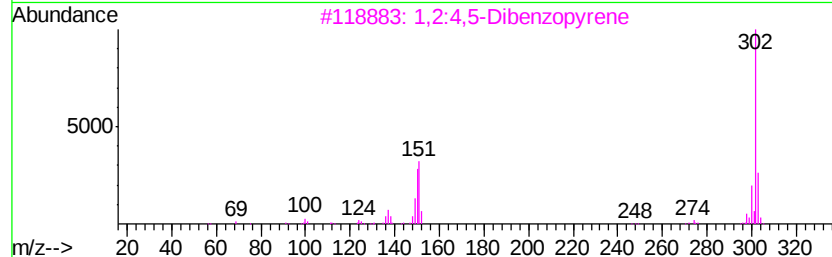
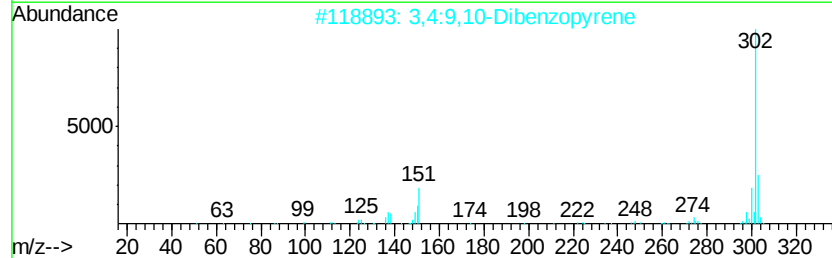
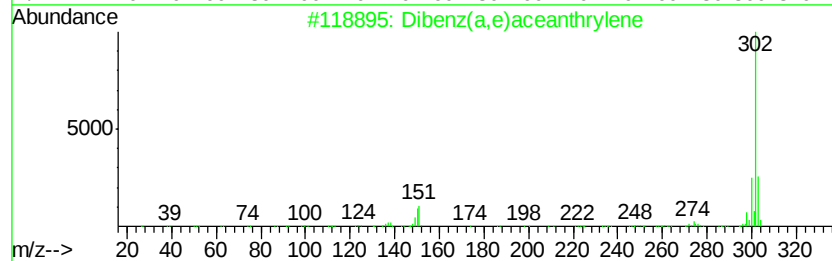
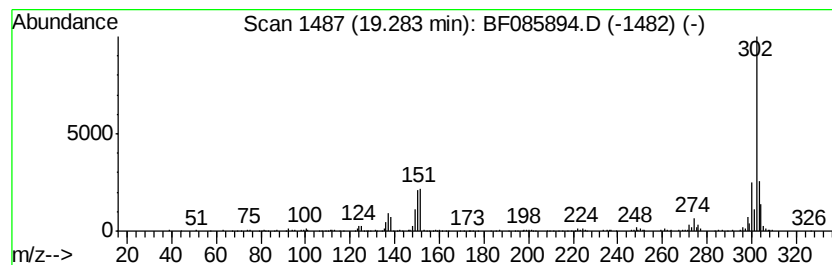
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	21.42 ng	635378	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085894.D
Acq On : 30 Mar 2016 18:56
Operator : UM/SJ
Sample : H2025-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleID :
CS-PH3-SOIL-32816

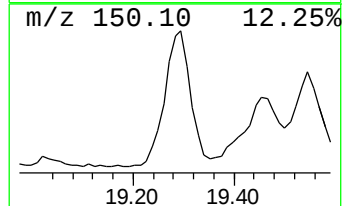
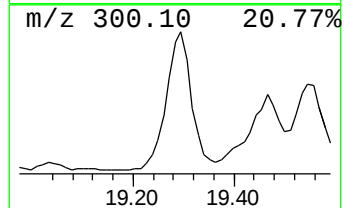
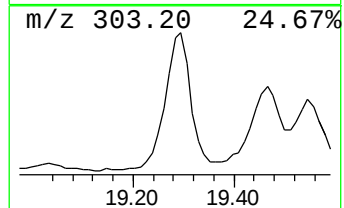
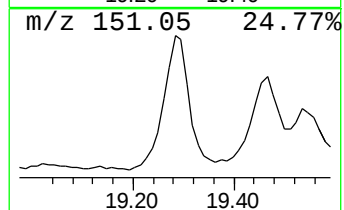
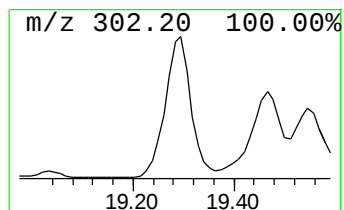
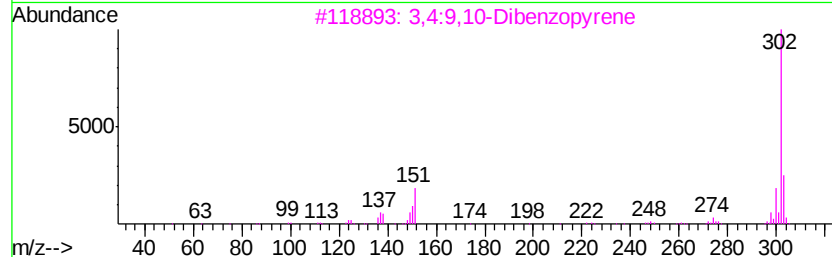
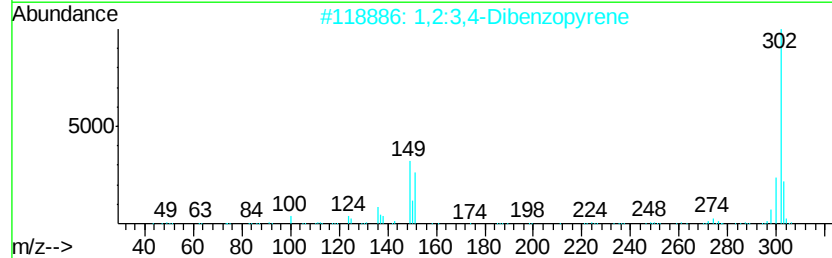
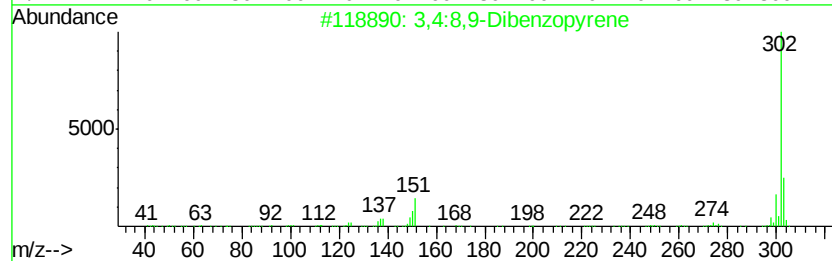
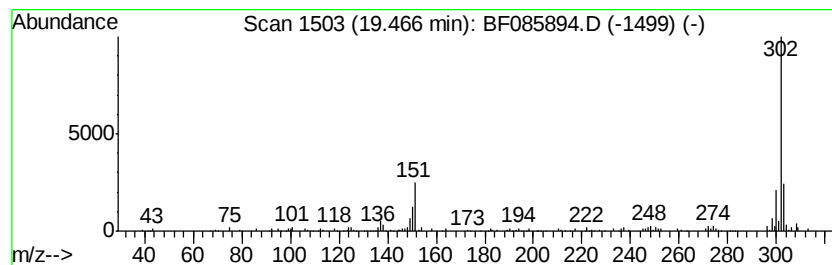
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	6.68 ng	198239	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
2			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	76
3			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	74
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	68
5			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	64



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 Sample : H2025-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
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Naphthalene, 2,3-...	9.50	7.0	ng	347646	3	9.84	988621	20.0
Hexadecane	10.28	9.2	ng	453946	3	9.84	988621	20.0
Tridecane	10.49	9.5	ng	468323	3	9.84	988621	20.0
4H-Cyclopenta[def...	11.93	9.1	ng	2080560	4	11.33	4578670	20.0
2-Hydroxy-4-methy...	14.83	7.3	ng	216972	6	15.39	593305	20.0
1,2:7,8-Dibenzoph...	15.87	6.2	ng	183573	6	15.39	593305	20.0
3,4-Dibromobenzal...	15.91	13.2	ng	390599	6	15.39	593305	20.0
Boroxin, ethyldip...	16.05	6.3	ng	187237	6	15.39	593305	20.0
5-Diphenylamino-2...	16.44	7.1	ng	210537	6	15.39	593305	20.0
Benzo[b]triphenylene	16.59	7.4	ng	220689	6	15.39	593305	20.0
Dibenz(a,e)aceant...	19.28	21.4	ng	635378	6	15.39	593305	20.0
3,4:8,9-Dibenzopy...	19.47	6.7	ng	198239	6	15.39	593305	20.0