

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110931.D
 Acq On : 21 Nov 2018 16:32
 Operator : JU/SJ
 Sample : J5765-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-112018

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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	5.581	590	594	606	rBV2	24567	64498	2.50%	0.202%
2	6.587	762	765	781	rBV	35395	90953	3.53%	0.285%
3	6.722	785	788	801	rVB	78179	107703	4.18%	0.337%
4	6.939	822	825	836	rBV	313310	336568	13.06%	1.054%
5	7.098	849	852	862	rBV	62542	82851	3.21%	0.260%
6	7.528	921	925	938	rBV	27841	59258	2.30%	0.186%
7	8.222	1040	1043	1045	rBV	458213	407375	15.81%	1.276%
8	8.245	1045	1047	1055	rVB	257276	284576	11.04%	0.891%
9	8.939	1162	1165	1175	rBV	109196	151261	5.87%	0.474%
10	9.039	1178	1182	1193	rVB	124292	144796	5.62%	0.454%
11	9.298	1223	1226	1234	rBV	123517	122865	4.77%	0.385%
12	9.569	1267	1272	1276	rBV	68542	94199	3.66%	0.295%
13	9.639	1280	1284	1286	rBV	105177	106701	4.14%	0.334%
14	9.669	1286	1289	1292	rVB2	53309	55034	2.14%	0.172%
15	9.757	1301	1304	1310	rVB	50132	61399	2.38%	0.192%
16	9.845	1315	1319	1323	rBV2	75999	78938	3.06%	0.247%
17	9.980	1339	1342	1345	rBV	554031	464600	18.03%	1.455%
18	10.016	1345	1348	1355	rVB	354019	318341	12.35%	0.997%
19	10.192	1372	1378	1381	rBV	319148	337135	13.08%	1.056%
20	10.386	1407	1411	1413	rBV2	59140	61465	2.38%	0.193%
21	10.533	1432	1436	1442	rBV	806610	693002	26.89%	2.171%
22	10.686	1460	1462	1466	rVB	97477	97908	3.80%	0.307%
23	10.780	1473	1478	1483	rBV2	115823	198731	7.71%	0.623%
24	11.080	1523	1529	1532	rBV	125229	149965	5.82%	0.470%
25	11.110	1532	1534	1537	rVV	55015	55624	2.16%	0.174%
26	11.316	1566	1569	1576	rVV2	40527	64799	2.51%	0.203%
27	11.374	1576	1579	1585	rVB	208571	179794	6.98%	0.563%
28	11.480	1593	1597	1598	rBV	504443	444516	17.25%	1.392%
29	11.510	1598	1602	1605	rVV	2824595	2575733	99.94%	8.069%
30	11.557	1607	1610	1616	rVV	869104	743381	28.84%	2.329%
31	11.716	1633	1637	1643	rBV	201562	222399	8.63%	0.697%
32	11.892	1663	1667	1671	rBV	42667	58426	2.27%	0.183%
33	11.980	1678	1682	1684	rBV	338364	293456	11.39%	0.919%
34	12.010	1684	1687	1692	rVB	419331	345981	13.42%	1.084%

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35	12.057	1692	1695	1698	rBV	143798	123727	4.80%	0.388%
36	12.098	1698	1702	1704	rBV2	604945	661294	25.66%	2.072%
37	12.274	1729	1732	1736	rBV	205933	189757	7.36%	0.594%
38	12.421	1752	1757	1760	rBV2	68159	71018	2.76%	0.222%
39	12.457	1760	1763	1765	rVV	77967	63295	2.46%	0.198%
40	12.527	1772	1775	1778	rBV	252584	259020	10.05%	0.811%
41	12.568	1781	1782	1784	rVV	97781	81657	3.17%	0.256%
42	12.633	1788	1793	1800	rVB3	90057	156930	6.09%	0.492%
43	12.704	1800	1805	1808	rBV	2456417	2577223	100.00%	8.073%
44	12.763	1812	1815	1819	rVB3	52171	62826	2.44%	0.197%
45	12.851	1826	1830	1832	rBV2	124668	122168	4.74%	0.383%
46	12.939	1841	1845	1849	rVV	2128723	2145801	83.26%	6.722%
47	12.980	1849	1852	1855	rVB	114920	117293	4.55%	0.367%
48	13.051	1857	1864	1867	rBV2	199921	226274	8.78%	0.709%
49	13.145	1875	1880	1884	rBV3	166761	282394	10.96%	0.885%
50	13.186	1884	1887	1891	rBV2	54997	61023	2.37%	0.191%
51	13.233	1891	1895	1896	rVV2	116237	133554	5.18%	0.418%
52	13.257	1896	1899	1904	rVB	496295	476470	18.49%	1.493%
53	13.321	1904	1910	1913	rBV	467943	469930	18.23%	1.472%
54	13.363	1913	1917	1924	rVV2	241118	346724	13.45%	1.086%
55	13.457	1930	1933	1936	rVV	155815	150553	5.84%	0.472%
56	13.486	1936	1938	1947	rVB2	164780	206200	8.00%	0.646%
57	13.563	1947	1951	1956	rBV5	34130	67801	2.63%	0.212%
58	13.739	1977	1981	1984	rBV3	62734	86798	3.37%	0.272%
59	13.774	1984	1987	1990	rVV2	92448	101832	3.95%	0.319%
60	13.880	1999	2005	2007	rBV	240283	255322	9.91%	0.800%
61	13.904	2007	2009	2012	rVV	231563	191915	7.45%	0.601%
62	13.933	2012	2014	2021	rVV3	177933	272099	10.56%	0.852%
63	13.986	2021	2023	2028	rVB2	94870	109598	4.25%	0.343%
64	14.051	2028	2034	2040	rBV	85844	134506	5.22%	0.421%
65	14.127	2040	2047	2051	rBV2	1358243	2079268	80.68%	6.514%
66	14.163	2051	2053	2056	rVV	1218026	964342	37.42%	3.021%
67	14.239	2064	2066	2069	rBV	254776	216180	8.39%	0.677%
68	14.292	2072	2075	2079	rBV2	129091	147525	5.72%	0.462%
69	14.333	2079	2082	2083	rVV	76318	65461	2.54%	0.205%
70	14.362	2083	2087	2090	rVB2	101460	139750	5.42%	0.438%
71	14.480	2105	2107	2109	rVV	79671	82267	3.19%	0.258%

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72	14.521	2109	2114	2117	rVV	273113	400994	15.56%	1.256%
73	14.551	2117	2119	2122	rVV	184524	187716	7.28%	0.588%
74	14.598	2122	2127	2129	rVV2	99124	162069	6.29%	0.508%
75	14.621	2129	2131	2133	rVV2	161382	161442	6.26%	0.506%
76	14.651	2133	2136	2138	rVV	192161	238973	9.27%	0.749%
77	14.668	2138	2139	2143	rVV	180564	174522	6.77%	0.547%
78	14.715	2143	2147	2151	rVV4	99392	164273	6.37%	0.515%
79	14.868	2167	2173	2179	rVV6	118003	252345	9.79%	0.790%
80	14.921	2179	2182	2184	rVV3	45704	56281	2.18%	0.176%
81	14.957	2186	2188	2193	rVB2	54373	60601	2.35%	0.190%
82	15.045	2199	2203	2206	rBV2	96637	103272	4.01%	0.324%
83	15.215	2226	2232	2240	rBV	927983	1942207	75.36%	6.084%
84	15.327	2247	2251	2256	rBV	191626	209863	8.14%	0.657%
85	15.415	2263	2266	2268	rBV2	54546	76184	2.96%	0.239%
86	15.462	2272	2274	2278	rVV3	58705	95781	3.72%	0.300%
87	15.539	2282	2287	2293	rVV	508836	678748	26.34%	2.126%
88	15.609	2293	2299	2305	rVV	845264	1145895	44.46%	3.590%
89	15.668	2305	2309	2312	rVV	255759	335284	13.01%	1.050%
90	15.704	2312	2315	2321	rVB2	205621	293533	11.39%	0.920%
91	15.851	2336	2340	2343	rBV	56547	82755	3.21%	0.259%
92	16.062	2370	2376	2382	rVB2	103041	194666	7.55%	0.610%
93	16.268	2408	2411	2420	rVB2	57880	96660	3.75%	0.303%
94	16.439	2436	2440	2447	rVB5	27628	55101	2.14%	0.173%
95	16.592	2461	2466	2472	rBV3	45321	86887	3.37%	0.272%
96	17.251	2571	2578	2585	rVB2	245035	515768	20.01%	1.616%
97	17.433	2603	2609	2615	rBV	51774	104921	4.07%	0.329%
98	17.498	2615	2620	2626	rVB3	40144	82614	3.21%	0.259%
99	17.739	2653	2661	2676	rBV	168789	395735	15.36%	1.240%
100	18.009	2701	2707	2717	rVB	44428	113091	4.39%	0.354%

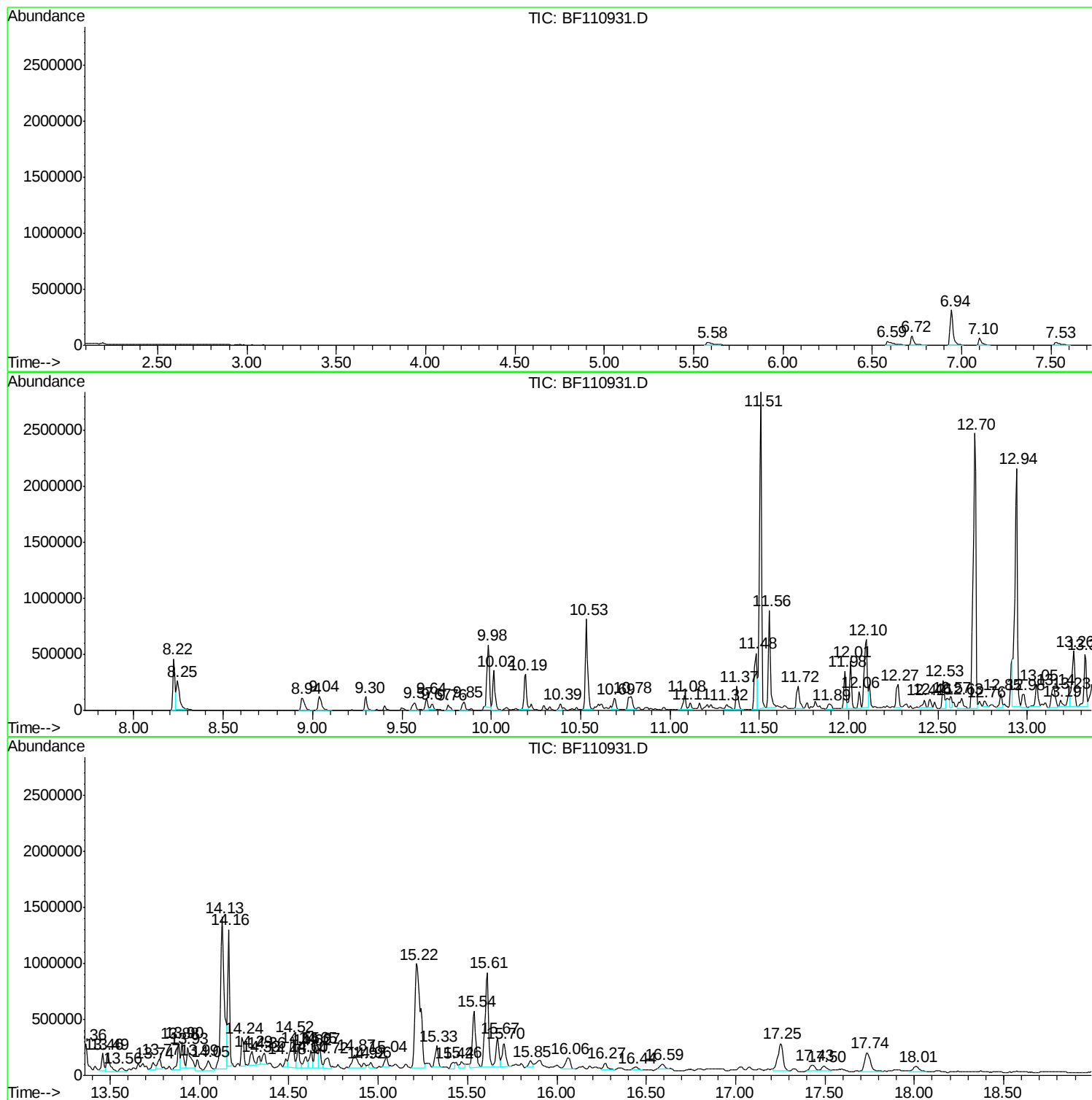
Sum of corrected areas: 31922207

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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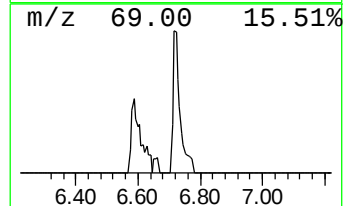
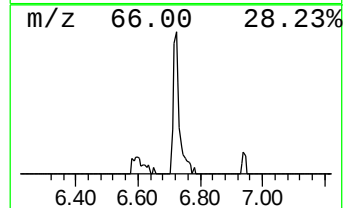
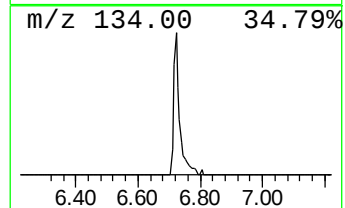
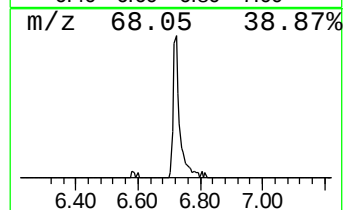
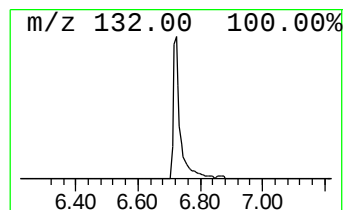
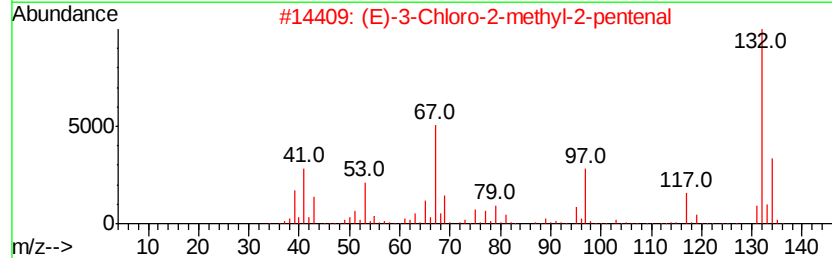
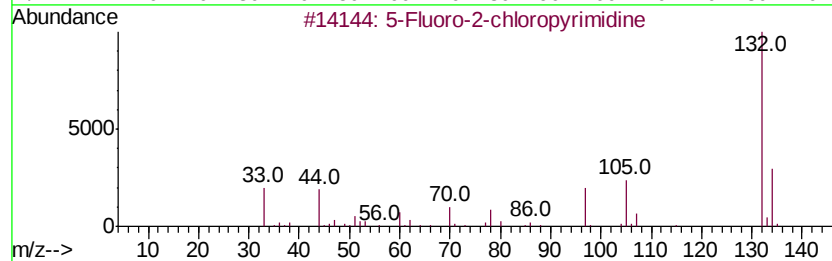
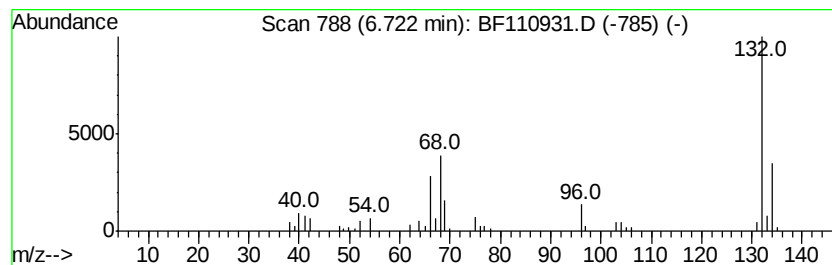
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	6.40 ng	107703	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
5			1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	9



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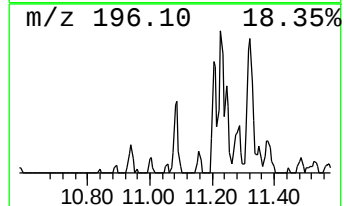
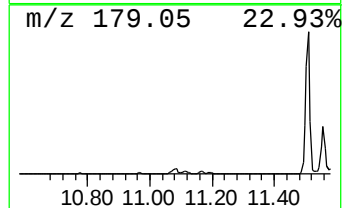
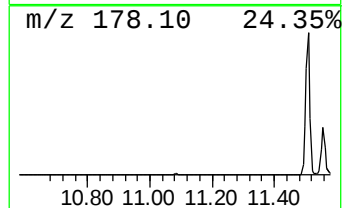
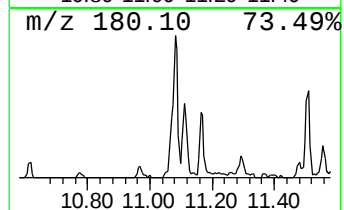
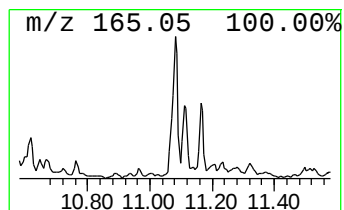
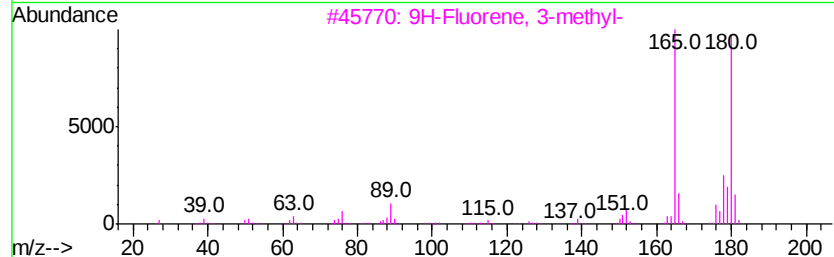
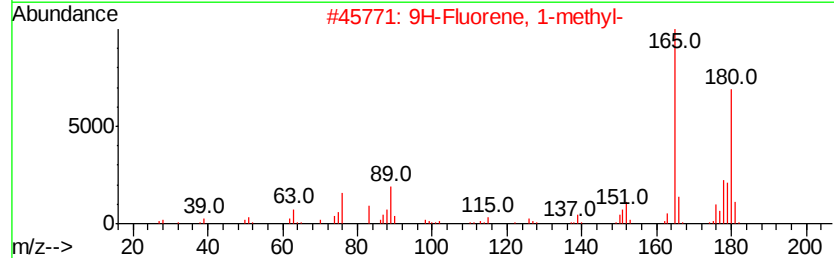
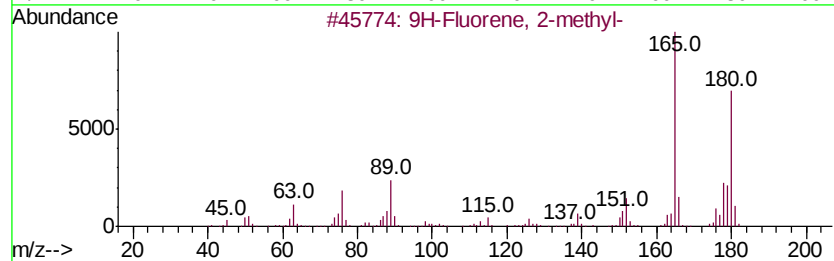
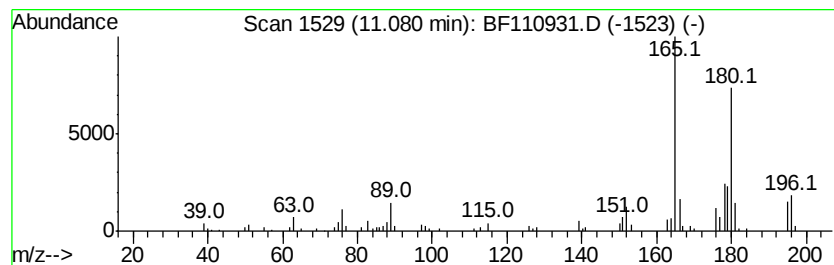
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.08	6.75 ng	149965	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90



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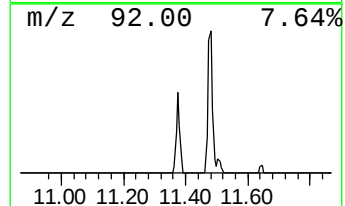
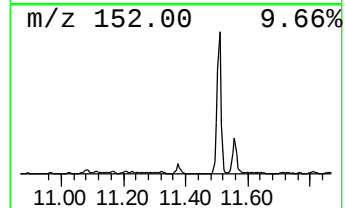
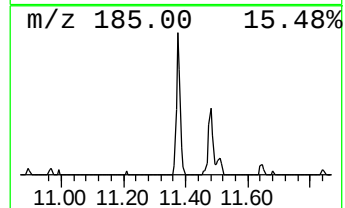
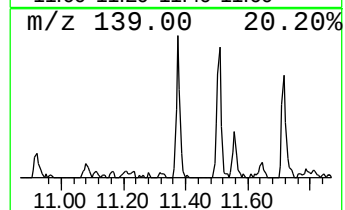
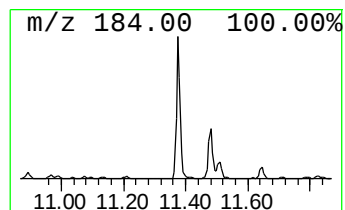
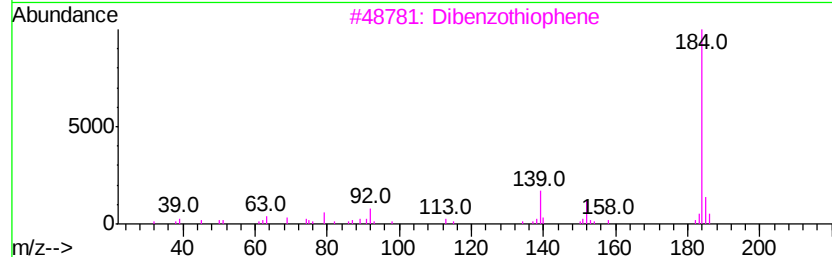
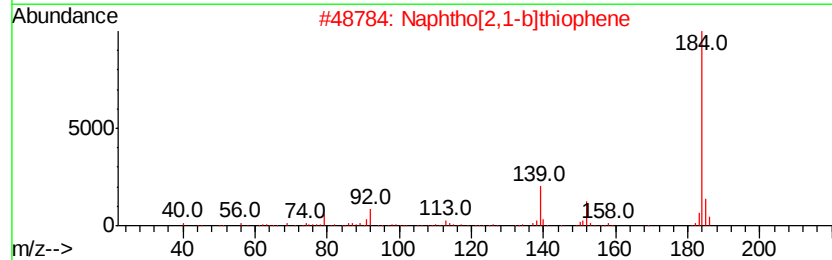
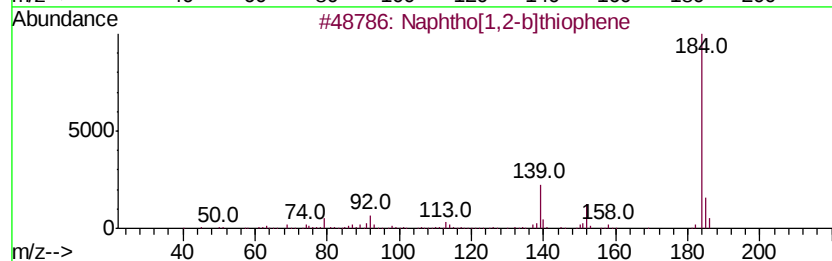
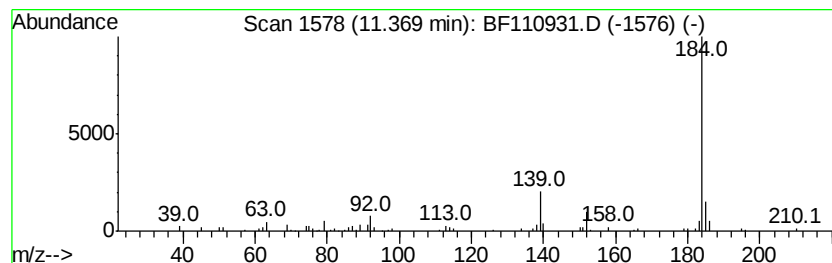
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[1,2-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	8.09 ng	179794	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3		Dibenzothiophene	184	C12H8S	000132-65-0	97
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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Data File : BF110931.D
Acq On : 21 Nov 2018 16:32
Operator : JU/SJ
Sample : J5765-03 10X
Misc :
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ClientSampleId :
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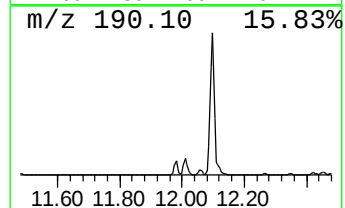
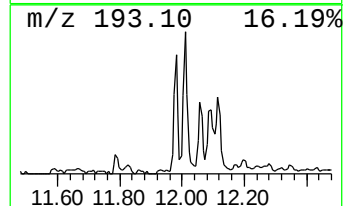
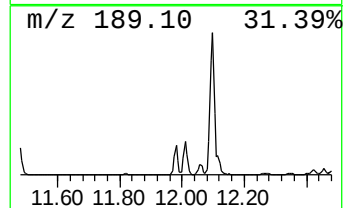
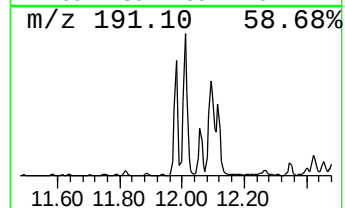
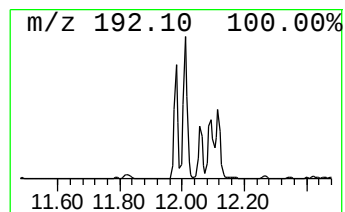
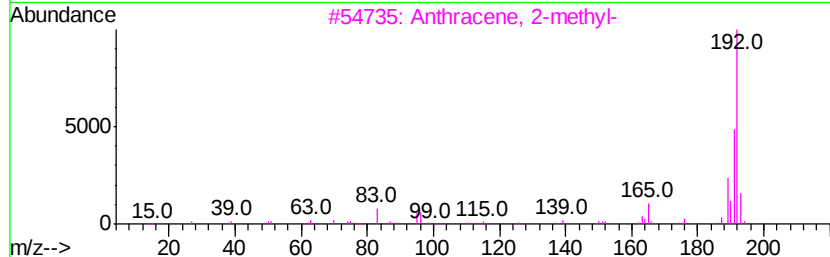
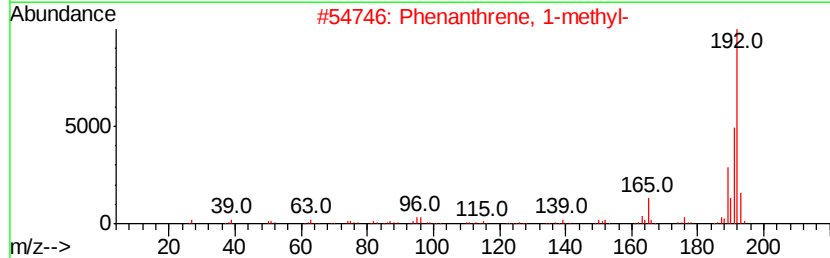
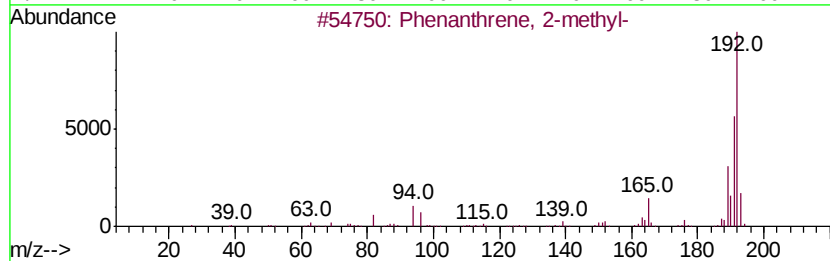
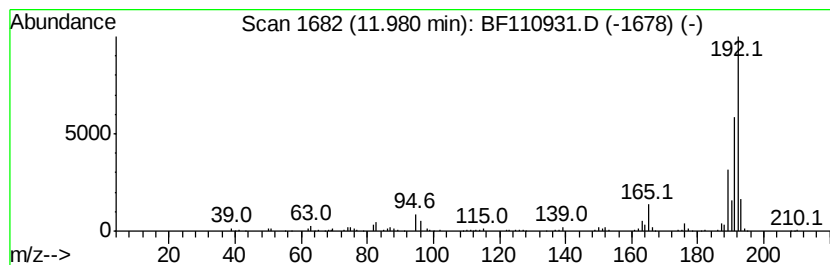
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	13.20 ng	293456	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
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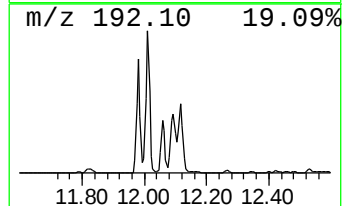
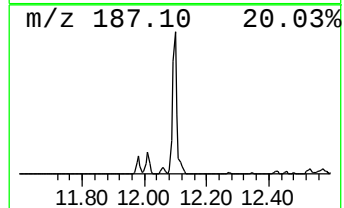
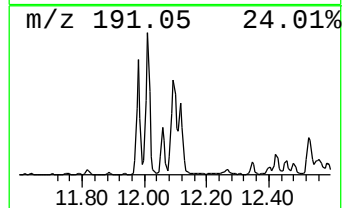
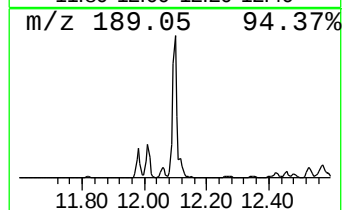
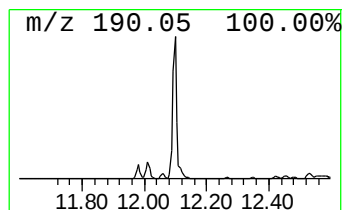
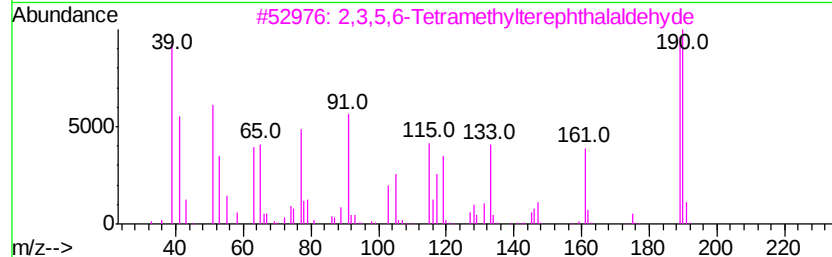
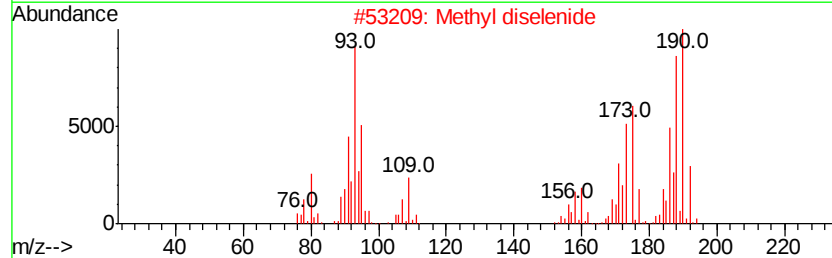
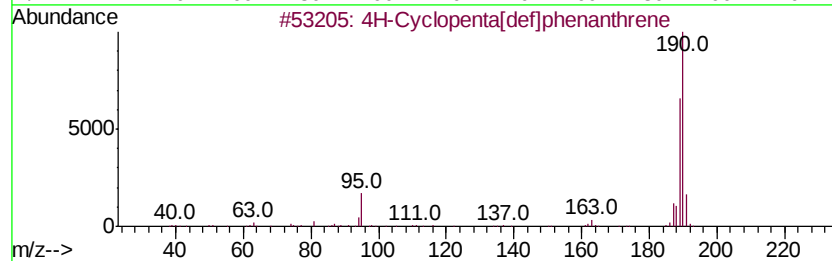
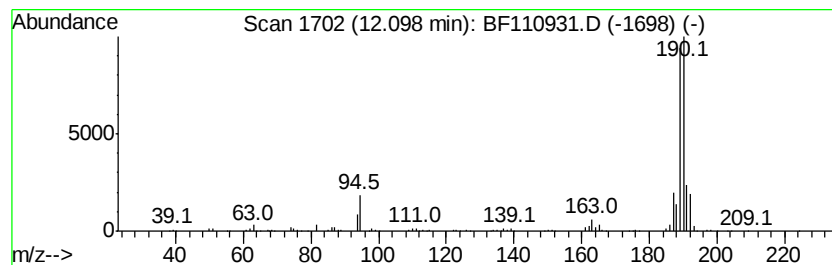
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.10	29.75 ng	661294	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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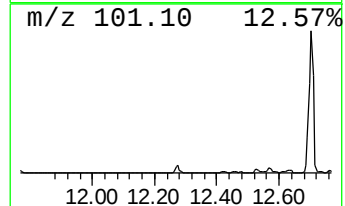
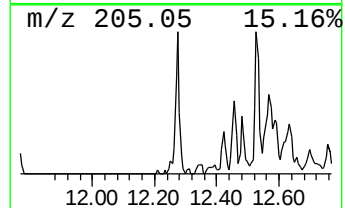
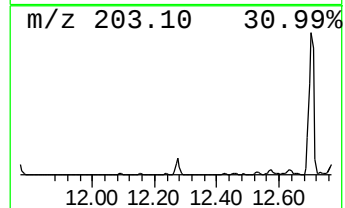
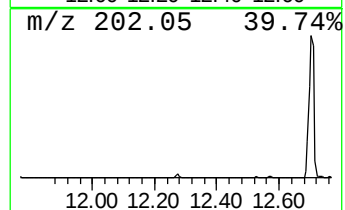
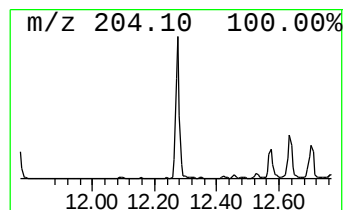
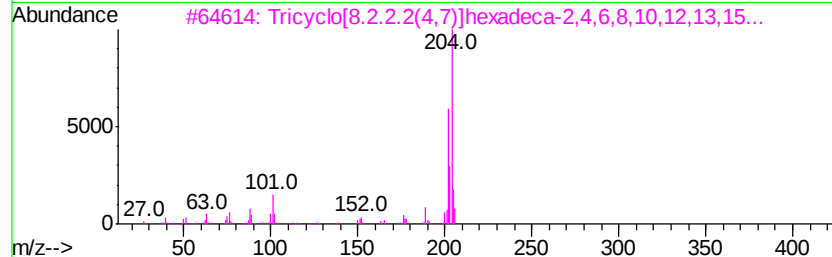
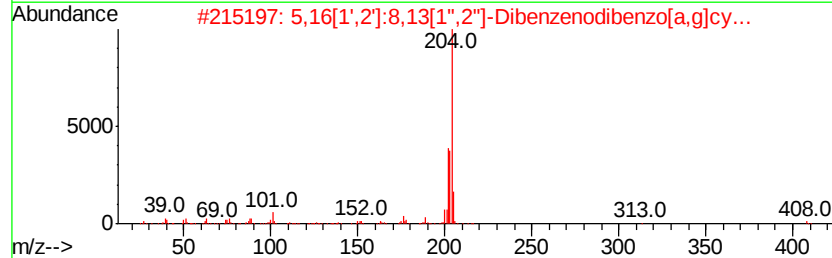
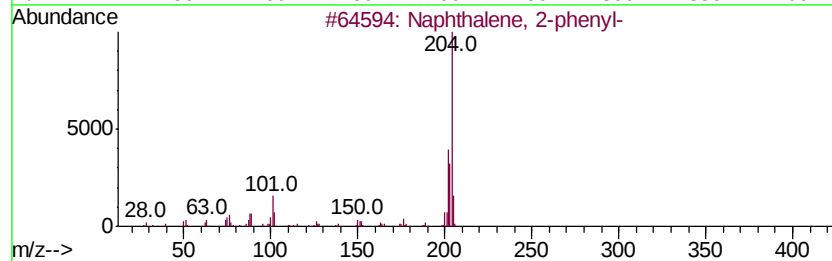
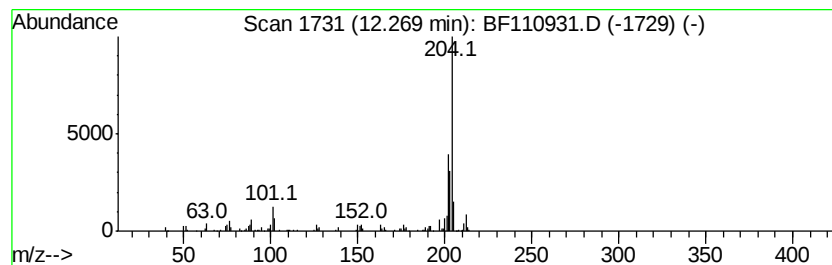
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	8.54 ng	189757	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
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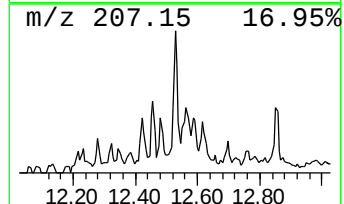
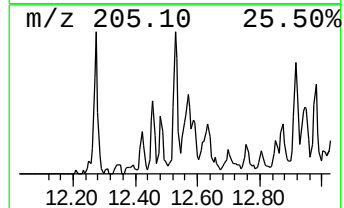
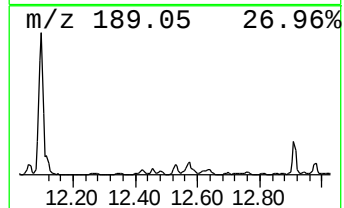
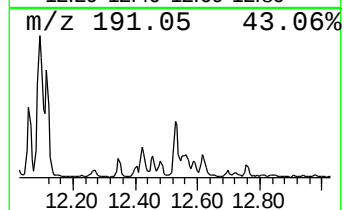
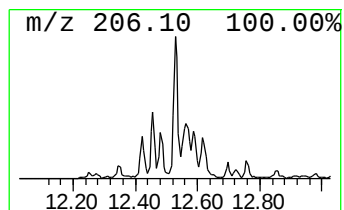
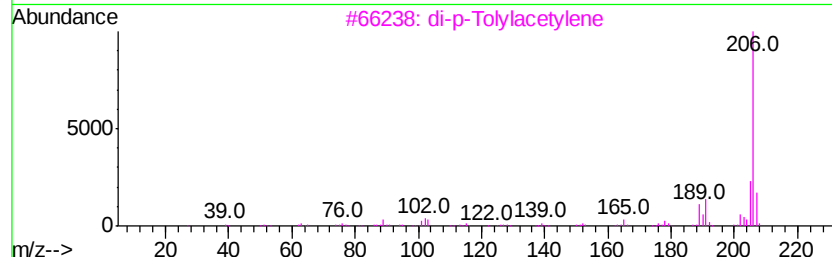
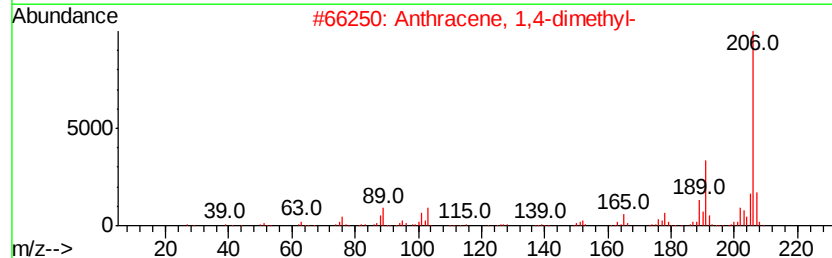
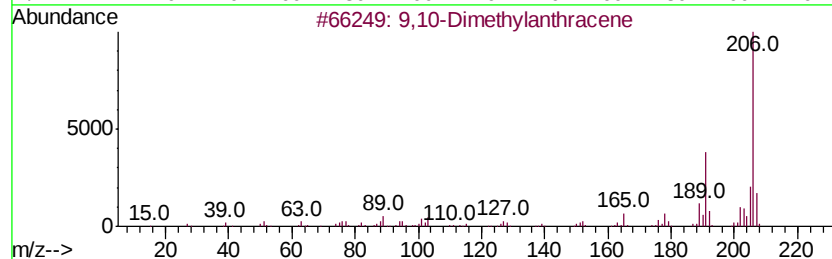
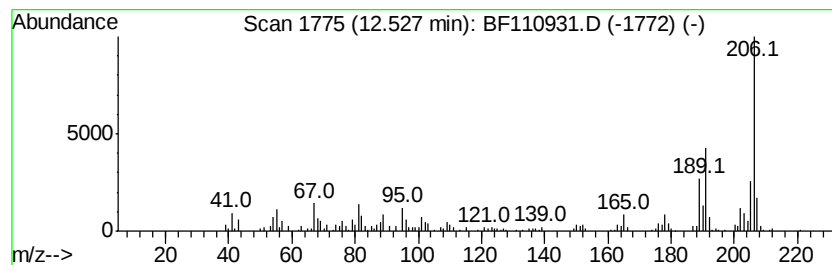
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	11.65 ng	259020	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	96		
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93		
3	di-p-Tolylacetvlene	206	C16H14	002789-88-0	93		
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93		
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
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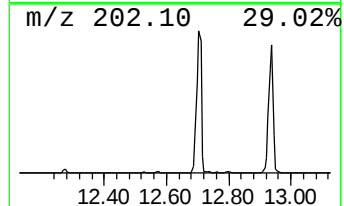
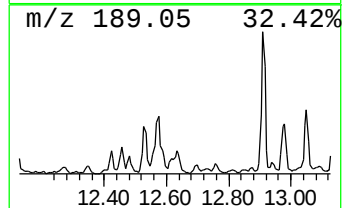
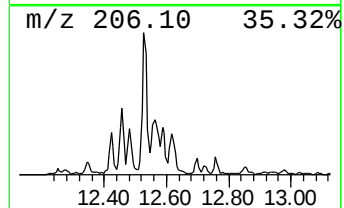
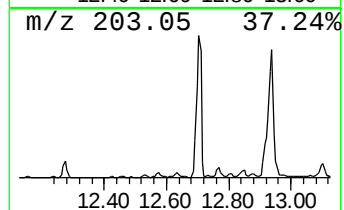
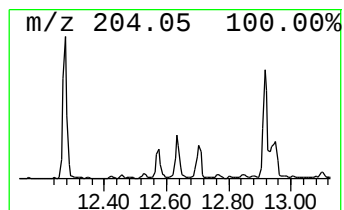
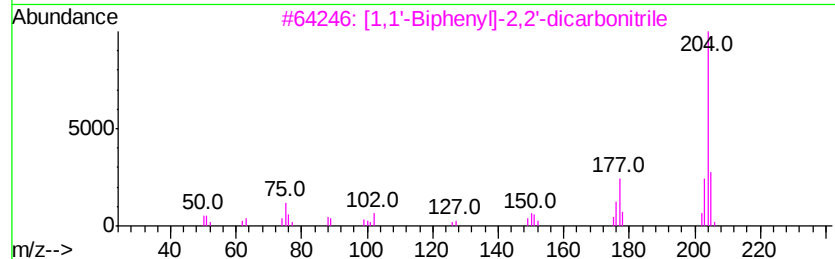
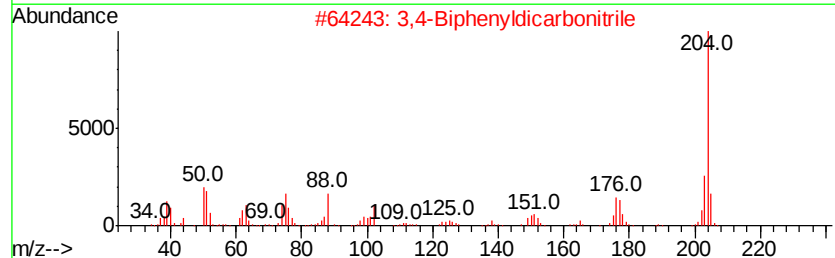
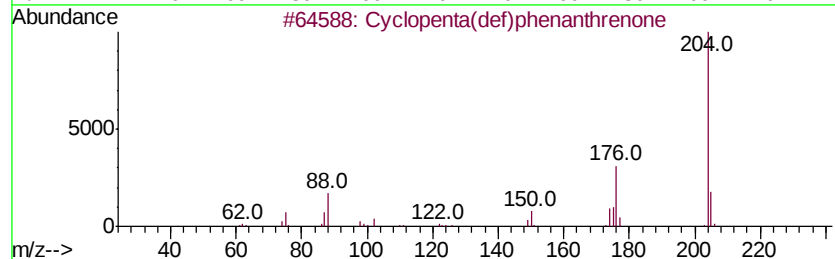
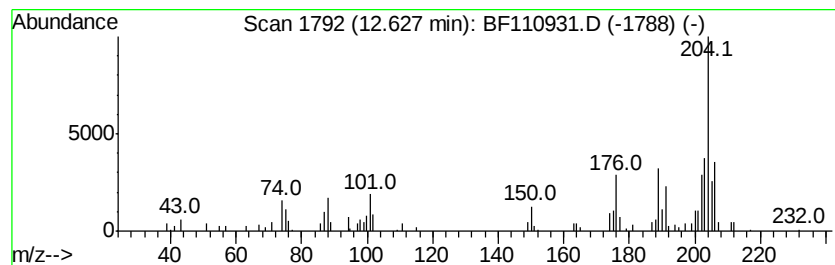
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	7.06 ng	156930	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



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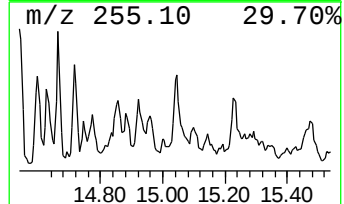
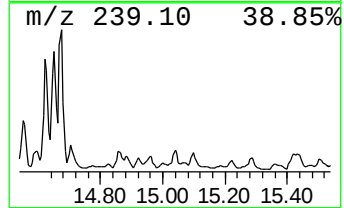
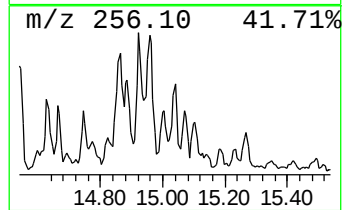
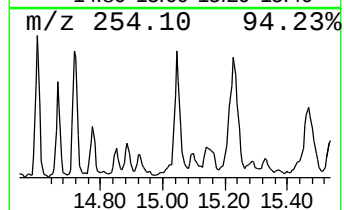
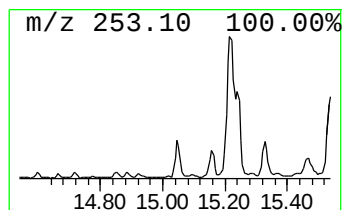
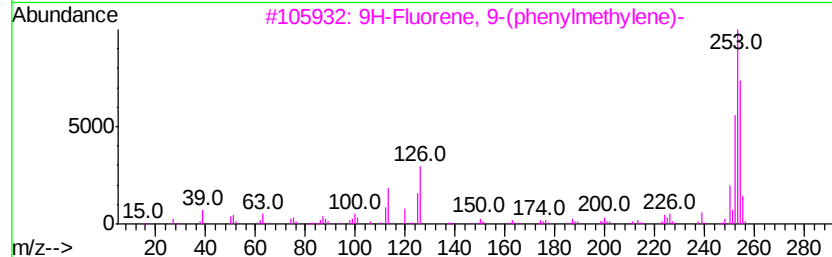
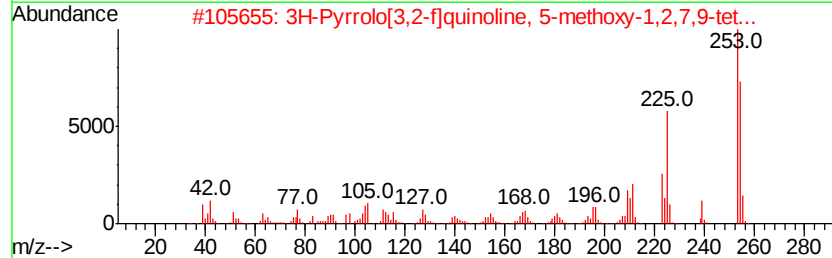
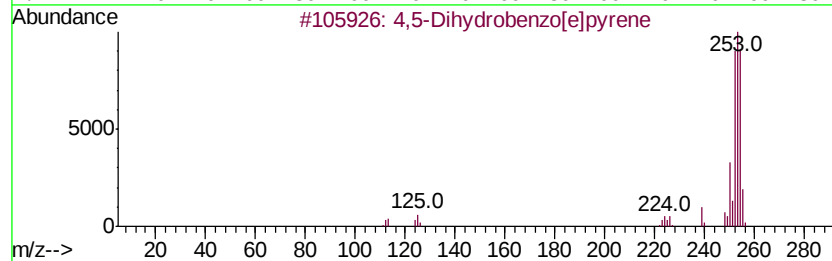
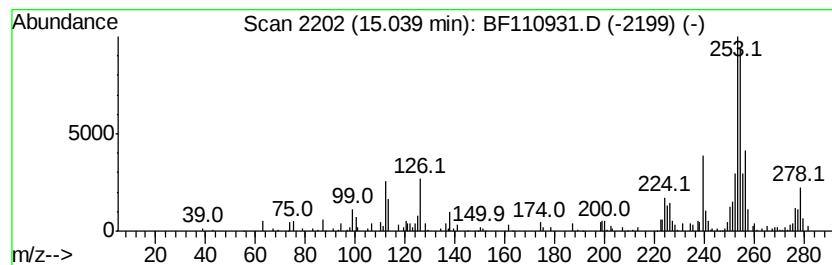
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4,5-Dihydrobenzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	6.16 ng	103272	Perylene-d12	15.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,5-Dihydrobenzo[e]pyrene	254 C20H14	095676-42-9	90
2	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254 C16H18N2O	1000350-44-1	68
3	9H-Fluorene, 9-(phenylmethyl)-	254 C20H14	001836-87-9	64
4	1,2-Dihydrobenzo[b]fluoranthene	254 C20H14	100516-13-0	64
5	4,6'-Biazuleny	254 C20H14	094154-49-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
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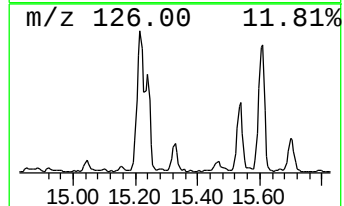
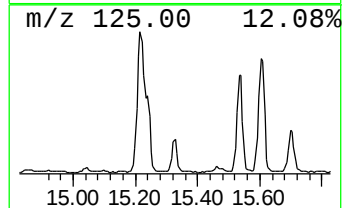
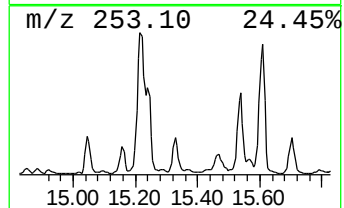
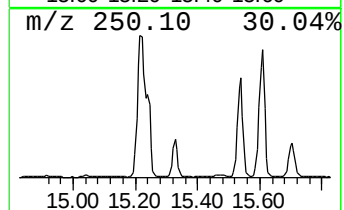
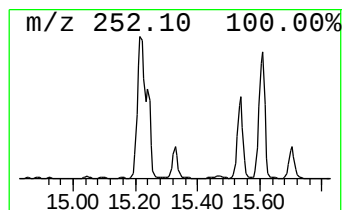
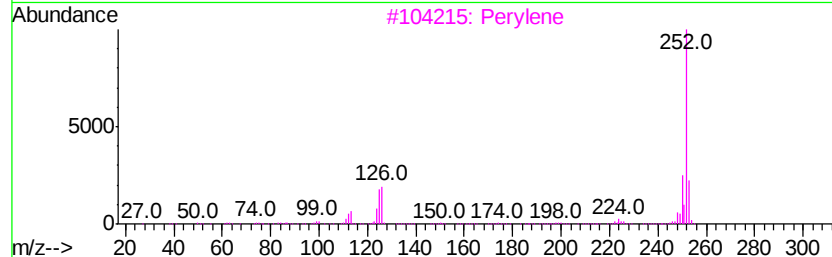
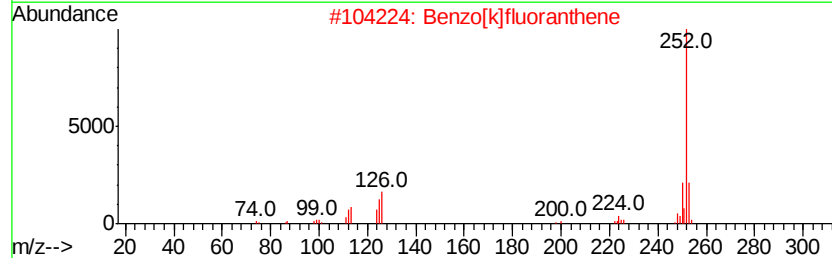
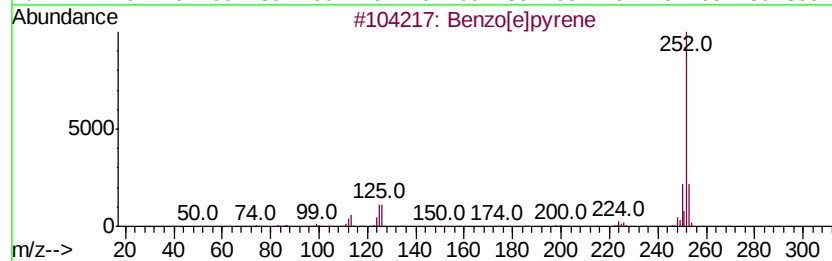
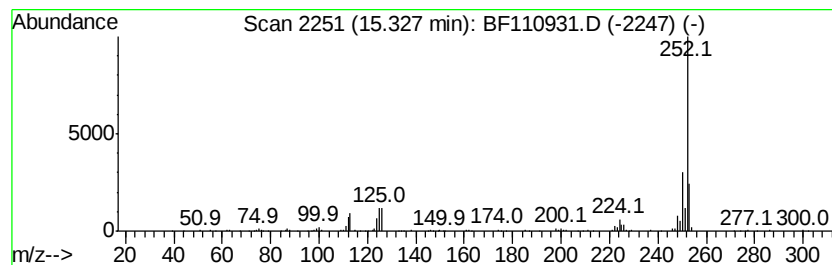
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	12.52 ng	209863	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
Acq On : 21 Nov 2018 16:32
Operator : JU/SJ
Sample : J5765-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-112018

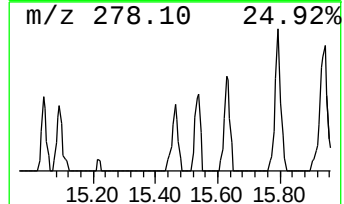
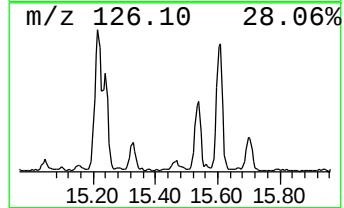
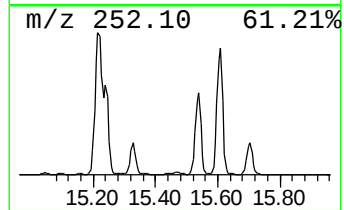
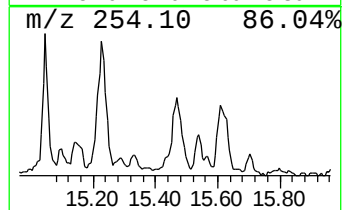
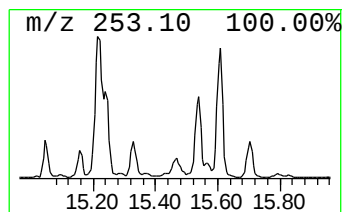
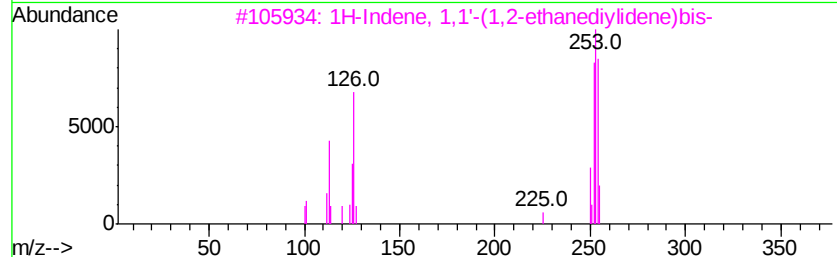
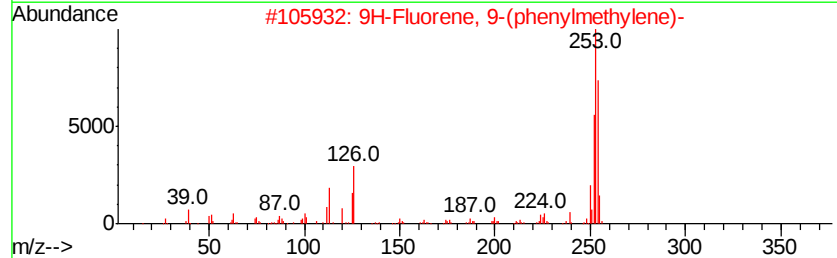
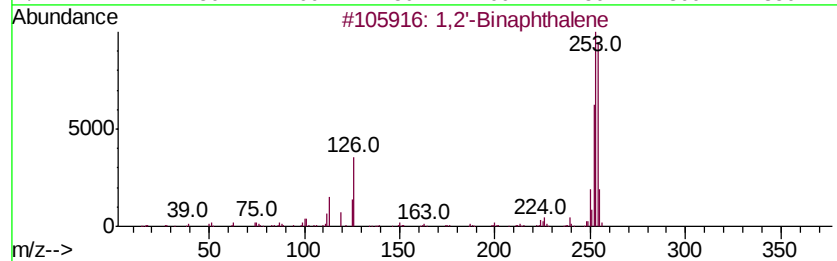
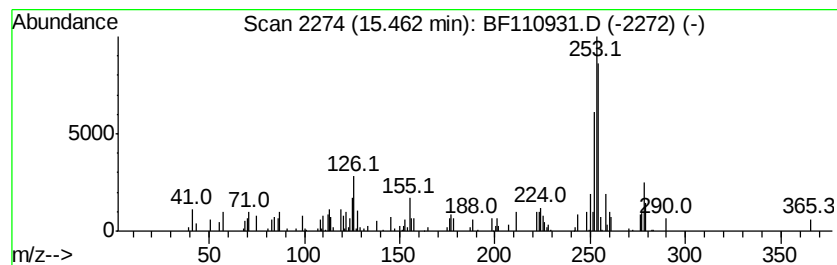
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.46 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	5.71 ng	95781	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2'-Binaphthalene	254	C20H14	004325-74-0	46
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	46
3		1H-Indene, 1,1'-(1,2-ethanedivli...	254	C20H14	072088-04-1	43
4		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	38
5		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110931.D
 Acq On : 21 Nov 2018 16:32
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 Sample : J5765-03 10X
 Misc :
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Instrument :
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 ClientSampleId :
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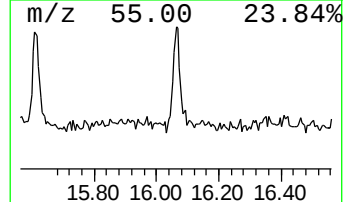
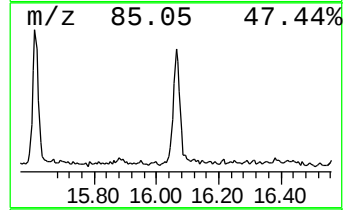
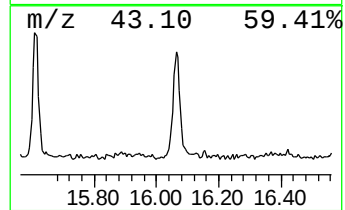
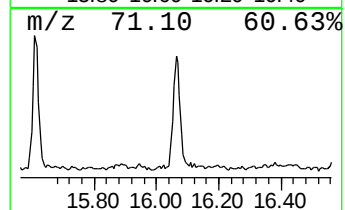
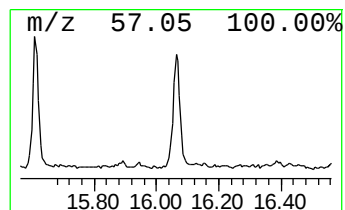
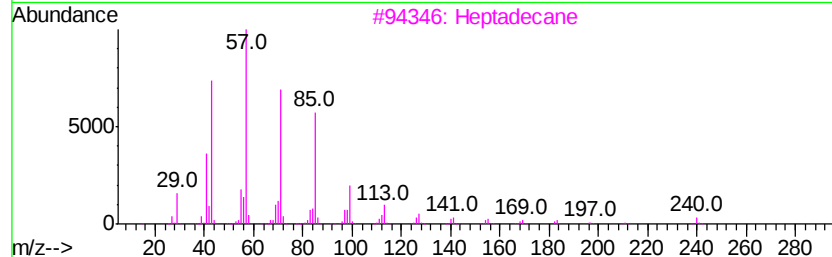
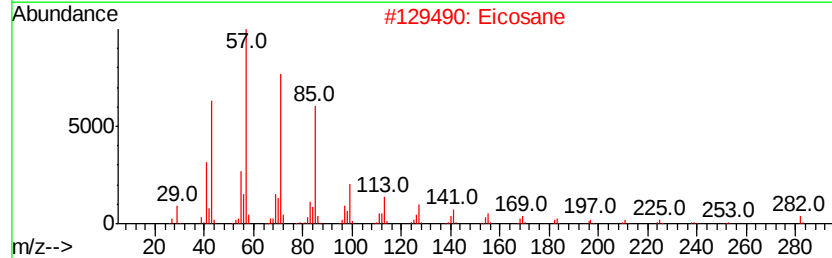
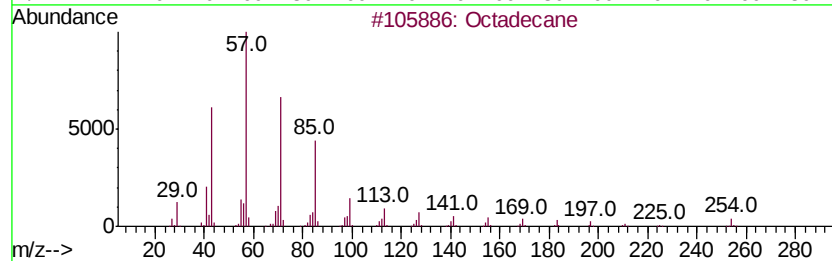
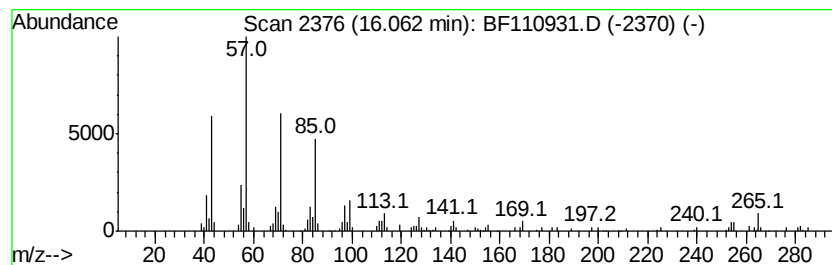
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	11.61 ng	194666	Perylene-d12	15.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	98
2	Eicosane		282	C20H42	000112-95-8	97
3	Heptadecane		240	C17H36	000629-78-7	96
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexacosane		366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
Acq On : 21 Nov 2018 16:32
Operator : JU/SJ
Sample : J5765-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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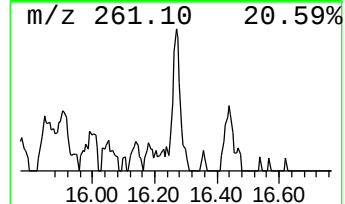
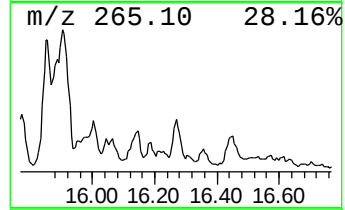
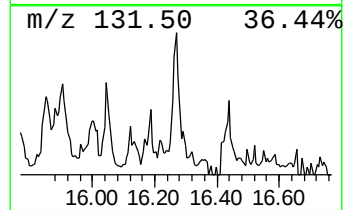
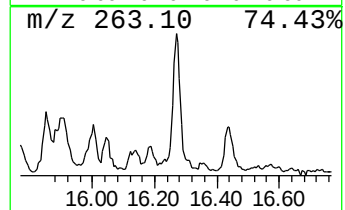
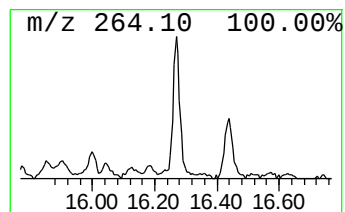
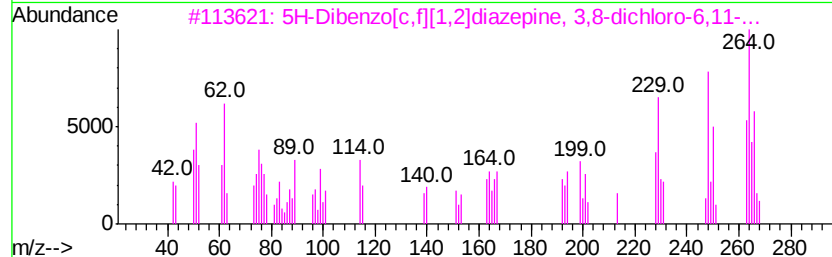
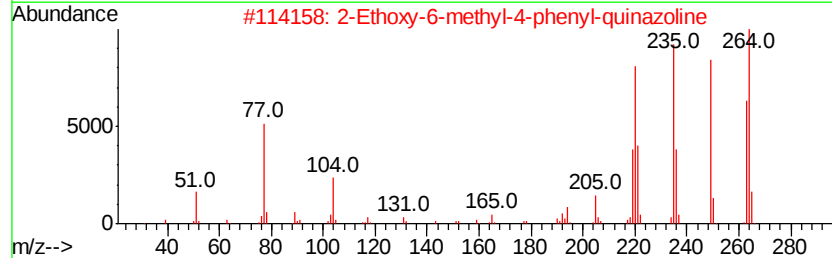
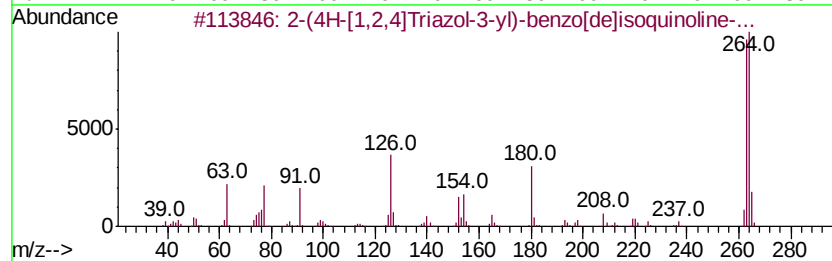
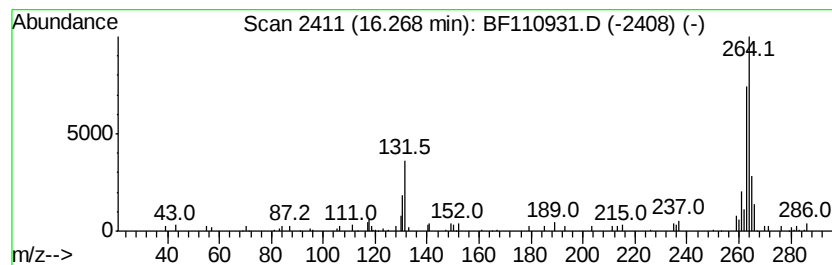
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	5.77 ng	96660	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
2		2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	49
3		5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	38
4		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
5		6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110931.D
 Acq On : 21 Nov 2018 16:32
 Operator : JU/SJ
 Sample : J5765-03 10X
 Misc :
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 ClientSampleId :
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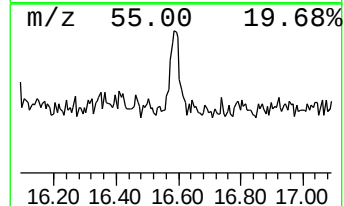
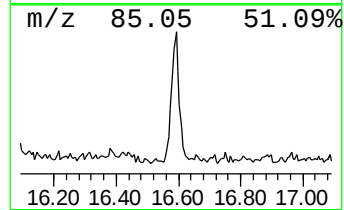
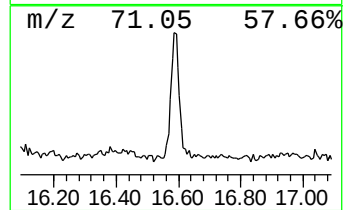
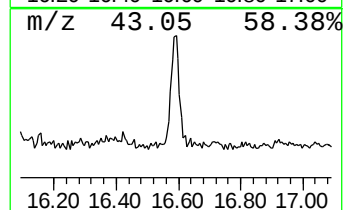
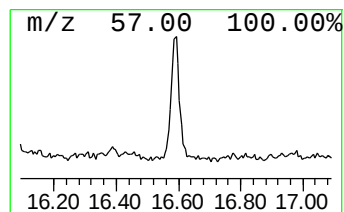
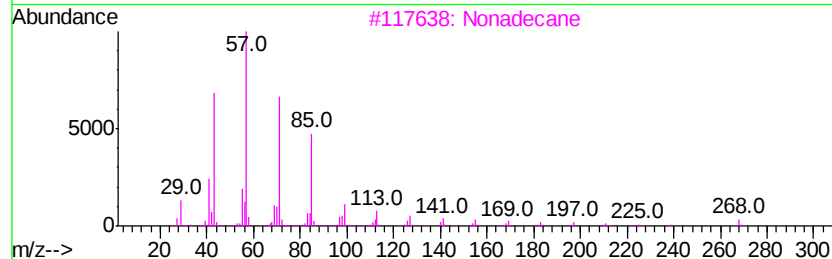
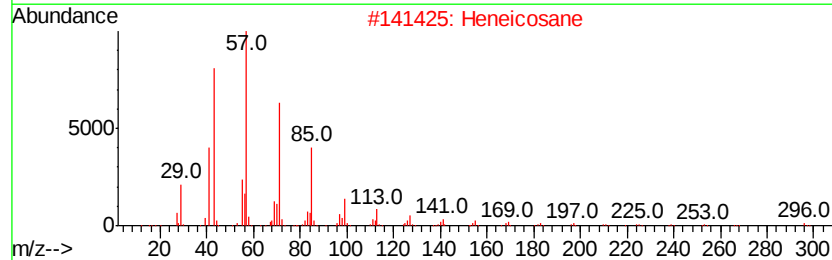
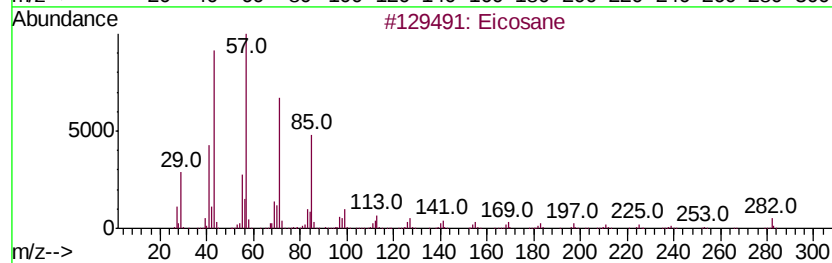
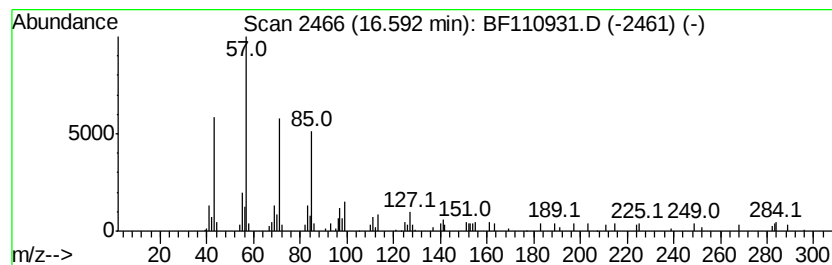
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	5.18 ng	86887	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Triacontane	422	C30H62	000638-68-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
Acq On : 21 Nov 2018 16:32
Operator : JU/SJ
Sample : J5765-03 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
NB-08-112018

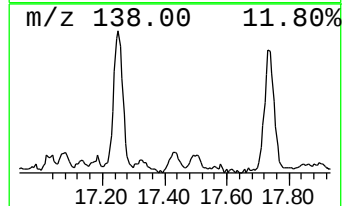
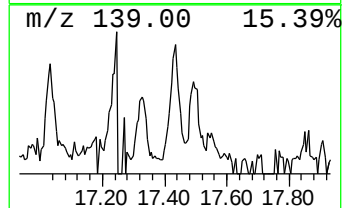
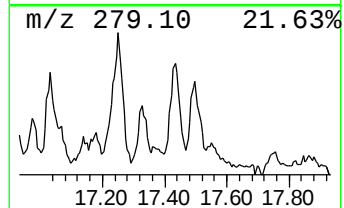
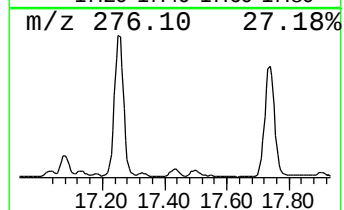
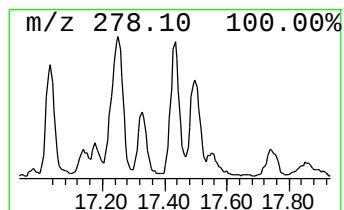
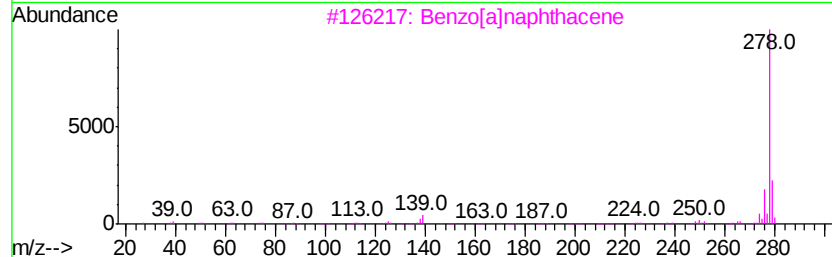
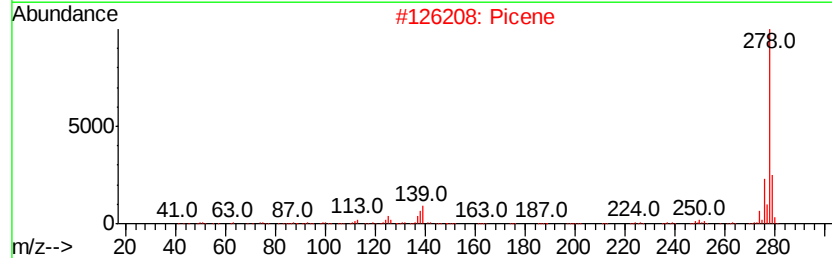
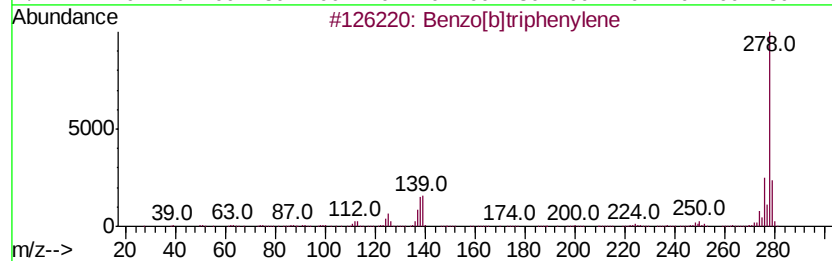
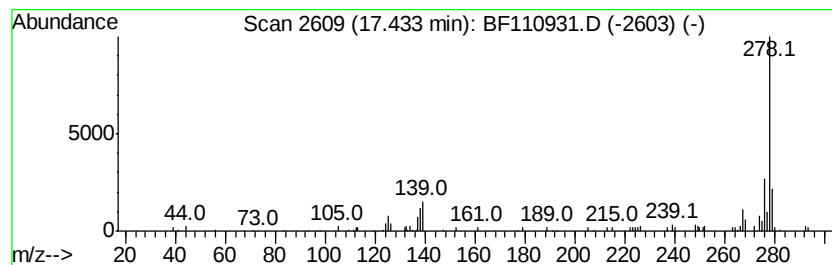
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	6.26 ng	104921	Perylene-d12	15.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Picene	278	C22H14	000213-46-7	93
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	90
4		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89
5		Pentaphene	278	C22H14	000222-93-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110931.D
Acq On : 21 Nov 2018 16:32
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ClientSampleId :
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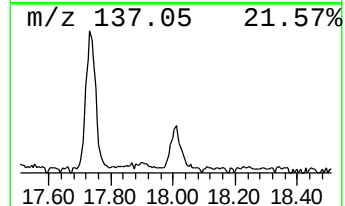
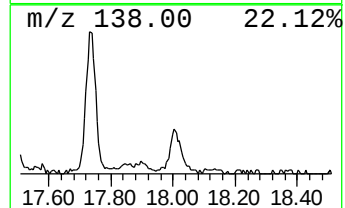
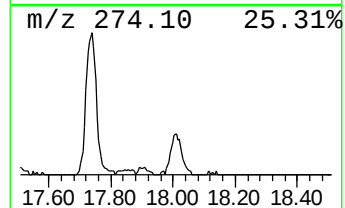
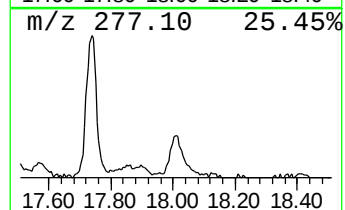
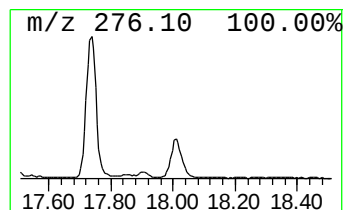
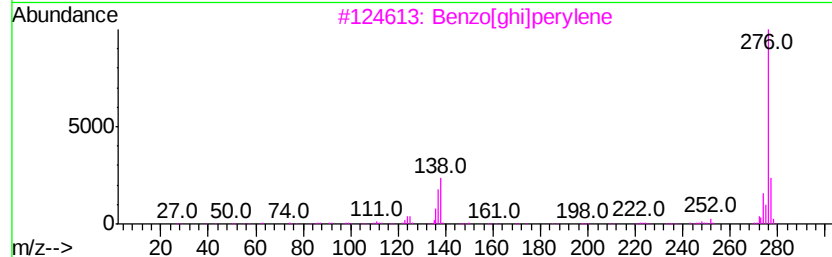
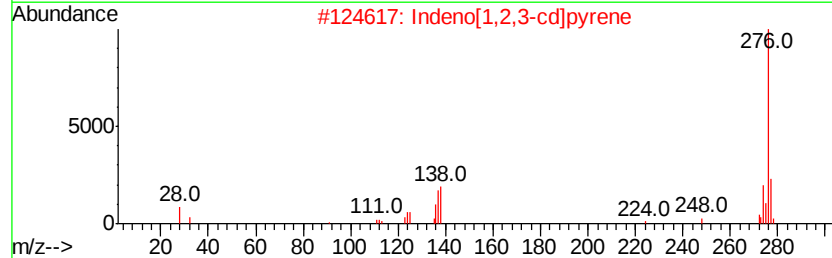
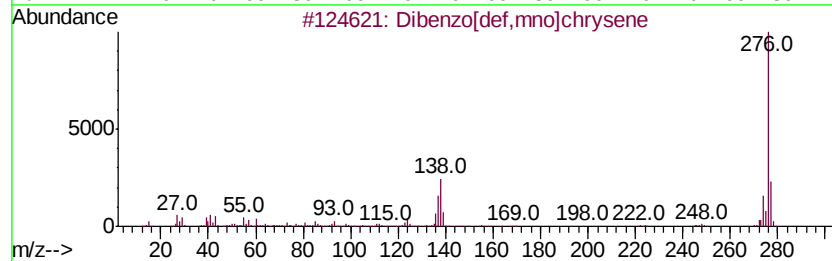
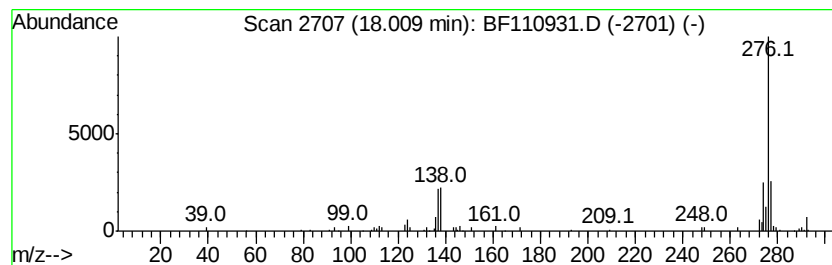
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.75 ng	113091	Perylene-d12	15.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3			Benzo[ghi]perylene	276	C22H12	000191-24-2	90
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5			6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110931.D
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 Operator : JU/SJ
 Sample : J5765-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 NB-08-112018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.72	6.72	6.4	ng	107703	1	6.94	336568	20.0
9H-Fluorene, 2-me...	11.08	6.8	ng	149965	4	11.48	444516	20.0
Naphtho[1,2-b]thi...	11.37	8.1	ng	179794	4	11.48	444516	20.0
Phenanthrene, 2-m...	11.98	13.2	ng	293456	4	11.48	444516	20.0
4H-Cyclopenta[def...	12.10	29.8	ng	661294	4	11.48	444516	20.0
Naphthalene, 2-ph...	12.27	8.5	ng	189757	4	11.48	444516	20.0
9,10-Dimethylanthe...	12.53	11.7	ng	259020	4	11.48	444516	20.0
Cyclopenta(def)ph...	12.63	7.1	ng	156930	4	11.48	444516	20.0
4,5-Dihydrobenzo[...	15.04	6.2	ng	103272	6	15.67	335284	20.0
Benzo[e]pyrene	15.33	12.5	ng	209863	6	15.67	335284	20.0
unknown15.46	15.46	5.7	ng	95781	6	15.67	335284	20.0
Octadecane	16.06	11.6	ng	194666	6	15.67	335284	20.0
2-(4H-[1,2,4]Tria...	16.27	5.8	ng	96660	6	15.67	335284	20.0
Eicosane	16.59	5.2	ng	86887	6	15.67	335284	20.0
Benzo[b]triphenylene	17.43	6.3	ng	104921	6	15.67	335284	20.0
Dibenzo[def,mno]c...	18.01	6.8	ng	113091	6	15.67	335284	20.0