

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101331.D
 Acq On : 12 Dec 2017 15:55
 Operator : SJ/JU
 Sample : I6675-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-121117-A

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-BF113017.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	5.434	566	569	581	rBV	232868	238254	7.18%	0.755%
2	6.451	739	742	754	rBV	262884	266346	8.03%	0.844%
3	6.587	762	765	772	rBV	309023	272937	8.23%	0.865%
4	6.816	801	804	811	rBV	281596	260820	7.86%	0.826%
5	6.975	827	831	840	rVB	247360	208789	6.29%	0.662%
6	7.381	897	900	903	rBV	163826	154818	4.67%	0.491%
7	8.104	1020	1023	1025	rVV	427848	376013	11.34%	1.191%
8	8.128	1025	1027	1030	rVB	381602	297772	8.98%	0.944%
9	8.516	1090	1093	1095	rBV	86818	72604	2.19%	0.230%
10	8.816	1141	1144	1147	rBV	321068	261470	7.88%	0.828%
11	8.916	1157	1161	1164	rVB	297984	243760	7.35%	0.772%
12	9.175	1200	1205	1209	rVB	418104	336738	10.15%	1.067%
13	9.251	1214	1218	1220	rBV	77817	68118	2.05%	0.216%
14	9.445	1246	1251	1255	rBV	126106	173112	5.22%	0.549%
15	9.516	1259	1263	1266	rVV	213850	235410	7.10%	0.746%
16	9.545	1266	1268	1270	rVV	139812	119502	3.60%	0.379%
17	9.569	1270	1272	1279	rVV3	69027	95964	2.89%	0.304%
18	9.634	1279	1283	1289	rVB	113318	122312	3.69%	0.388%
19	9.722	1294	1298	1302	rBV	183539	152411	4.60%	0.483%
20	9.781	1302	1308	1312	rVB	91299	76772	2.31%	0.243%
21	9.863	1319	1322	1324	rVV	410292	369654	11.15%	1.171%
22	9.892	1324	1327	1330	rVB	306861	254901	7.69%	0.808%
23	10.063	1353	1356	1359	rVV	326773	320040	9.65%	1.014%
24	10.098	1359	1362	1366	rVB2	91492	96332	2.90%	0.305%
25	10.175	1371	1375	1378	rBV3	75707	86595	2.61%	0.274%
26	10.281	1386	1393	1396	rBV2	132561	163645	4.93%	0.519%
27	10.410	1412	1415	1420	rVV	609397	535198	16.14%	1.696%
28	10.492	1424	1429	1432	rVV3	100377	152770	4.61%	0.484%
29	10.569	1436	1442	1449	rVV2	108845	170212	5.13%	0.539%
30	10.651	1452	1456	1460	rVV3	282635	323860	9.76%	1.026%
31	10.751	1471	1473	1475	rBV	99203	95181	2.87%	0.302%
32	10.957	1503	1508	1511	rBV2	126736	169567	5.11%	0.537%
33	10.986	1511	1513	1516	rVV	77940	66544	2.01%	0.211%
34	11.086	1525	1530	1532	rBV4	52697	78350	2.36%	0.248%

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Integrator: RTE

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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-BF113017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.163	1540	1543	1546	rVV	72398	68625	2.07%	0.217%
36	11.204	1546	1550	1552	rVV	118626	119119	3.59%	0.377%
37	11.251	1552	1558	1563	rVB	188310	207573	6.26%	0.658%
38	11.357	1569	1576	1577	rBV	352070	362912	10.94%	1.150%
39	11.386	1577	1581	1584	rVV	2029951	2025913	61.08%	6.419%
40	11.433	1584	1589	1592	rVV	699053	600896	18.12%	1.904%
41	11.469	1592	1595	1600	rVV	61366	87328	2.63%	0.277%
42	11.586	1610	1615	1620	rVV	288325	299170	9.02%	0.948%
43	11.628	1620	1622	1624	rVV	76147	74277	2.24%	0.235%
44	11.686	1629	1632	1636	rVV3	72896	84787	2.56%	0.269%
45	11.733	1636	1640	1643	rVV	1183474	946844	28.55%	3.000%
46	11.857	1656	1661	1663	rBV	299865	296249	8.93%	0.939%
47	11.886	1663	1666	1669	rVB	424426	358758	10.82%	1.137%
48	11.933	1669	1674	1677	rBV	165223	148813	4.49%	0.472%
49	11.969	1677	1680	1682	rVV	454194	475563	14.34%	1.507%
50	11.992	1682	1684	1689	rVB	199018	167330	5.04%	0.530%
51	12.033	1689	1691	1694	rBV	80641	81718	2.46%	0.259%
52	12.151	1707	1711	1715	rVV	175122	175558	5.29%	0.556%
53	12.186	1715	1717	1720	rVB	96894	79136	2.39%	0.251%
54	12.298	1731	1736	1739	rBV2	59702	64184	1.94%	0.203%
55	12.433	1749	1759	1760	rBV2	2847049	3316758	100.00%	10.509%
56	12.451	1760	1762	1767	rVV2	2486303	2186771	65.93%	6.929%
57	12.504	1767	1771	1772	rVV3	72145	97196	2.93%	0.308%
58	12.527	1772	1775	1779	rVB	467393	372906	11.24%	1.182%
59	12.580	1779	1784	1787	rBV	1630726	1742916	52.55%	5.523%
60	12.722	1805	1808	1811	rVB2	76568	78238	2.36%	0.248%
61	12.810	1817	1823	1828	rVB2	1316835	1687566	50.88%	5.347%
62	12.857	1828	1831	1834	rVB2	92388	98806	2.98%	0.313%
63	12.939	1838	1845	1847	rBV2	293563	352144	10.62%	1.116%
64	12.969	1847	1850	1854	rVB	85852	86454	2.61%	0.274%
65	13.022	1854	1859	1863	rBV2	122935	222660	6.71%	0.706%
66	13.110	1871	1874	1875	rVV2	98712	107042	3.23%	0.339%
67	13.133	1875	1878	1880	rVB	309640	273371	8.24%	0.866%
68	13.198	1886	1889	1892	rVB	280922	214571	6.47%	0.680%
69	13.239	1892	1896	1902	rVB3	157284	242929	7.32%	0.770%
70	13.327	1908	1911	1914	rBV	92106	84521	2.55%	0.268%
71	13.357	1914	1916	1920	rBV2	92867	99992	3.01%	0.317%

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 Integrator: RTE
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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	13.616	1956	1960	1963	rBV2	51597	73353	2.21%	0.232%
73	13.645	1963	1965	1968	rVB	91994	79395	2.39%	0.252%
74	13.751	1979	1983	1985	rBV	139696	146727	4.42%	0.465%
75	13.774	1985	1987	1990	rVB	120090	105850	3.19%	0.335%
76	13.804	1990	1992	1994	rBV	86525	92370	2.78%	0.293%
77	13.857	1999	2001	2003	rVV	78411	65648	1.98%	0.208%
78	13.921	2007	2012	2018	rBV	86340	134996	4.07%	0.428%
79	13.998	2018	2025	2029	rBV2	791502	1282530	38.67%	4.064%
80	14.033	2029	2031	2038	rVV	678144	621542	18.74%	1.969%
81	14.110	2042	2044	2047	rVV	116756	105569	3.18%	0.335%
82	14.157	2050	2052	2057	rVV4	75428	108312	3.27%	0.343%
83	14.233	2061	2065	2068	rVV2	85349	116588	3.52%	0.369%
84	14.357	2083	2086	2088	rBV	74163	77171	2.33%	0.245%
85	14.392	2088	2092	2095	rVB	157872	172472	5.20%	0.546%
86	14.427	2095	2098	2100	rBV2	75603	71846	2.17%	0.228%
87	14.516	2111	2113	2115	rVV	73626	64262	1.94%	0.204%
88	14.539	2115	2117	2120	rVB	102097	89938	2.71%	0.285%
89	15.057	2200	2205	2208	rBV	465064	757013	22.82%	2.399%
90	15.163	2219	2223	2227	rBV	124072	133342	4.02%	0.423%
91	15.363	2252	2257	2263	rVB	262799	338580	10.21%	1.073%
92	15.427	2263	2268	2271	rVV	444533	551749	16.64%	1.748%
93	15.486	2274	2278	2281	rVV	216928	288047	8.68%	0.913%
94	15.515	2281	2283	2290	rVB2	133110	177088	5.34%	0.561%
95	16.145	2387	2390	2396	rVB2	44217	72040	2.17%	0.228%
96	16.580	2460	2464	2469	rVB2	43766	64267	1.94%	0.204%
97	16.974	2524	2531	2538	rVB	185195	355536	10.72%	1.127%
98	17.145	2556	2560	2566	rBV3	41666	78817	2.38%	0.250%
99	17.427	2602	2608	2622	rVB	120649	281381	8.48%	0.892%
100	17.674	2644	2650	2659	rVB	59163	147063	4.43%	0.466%

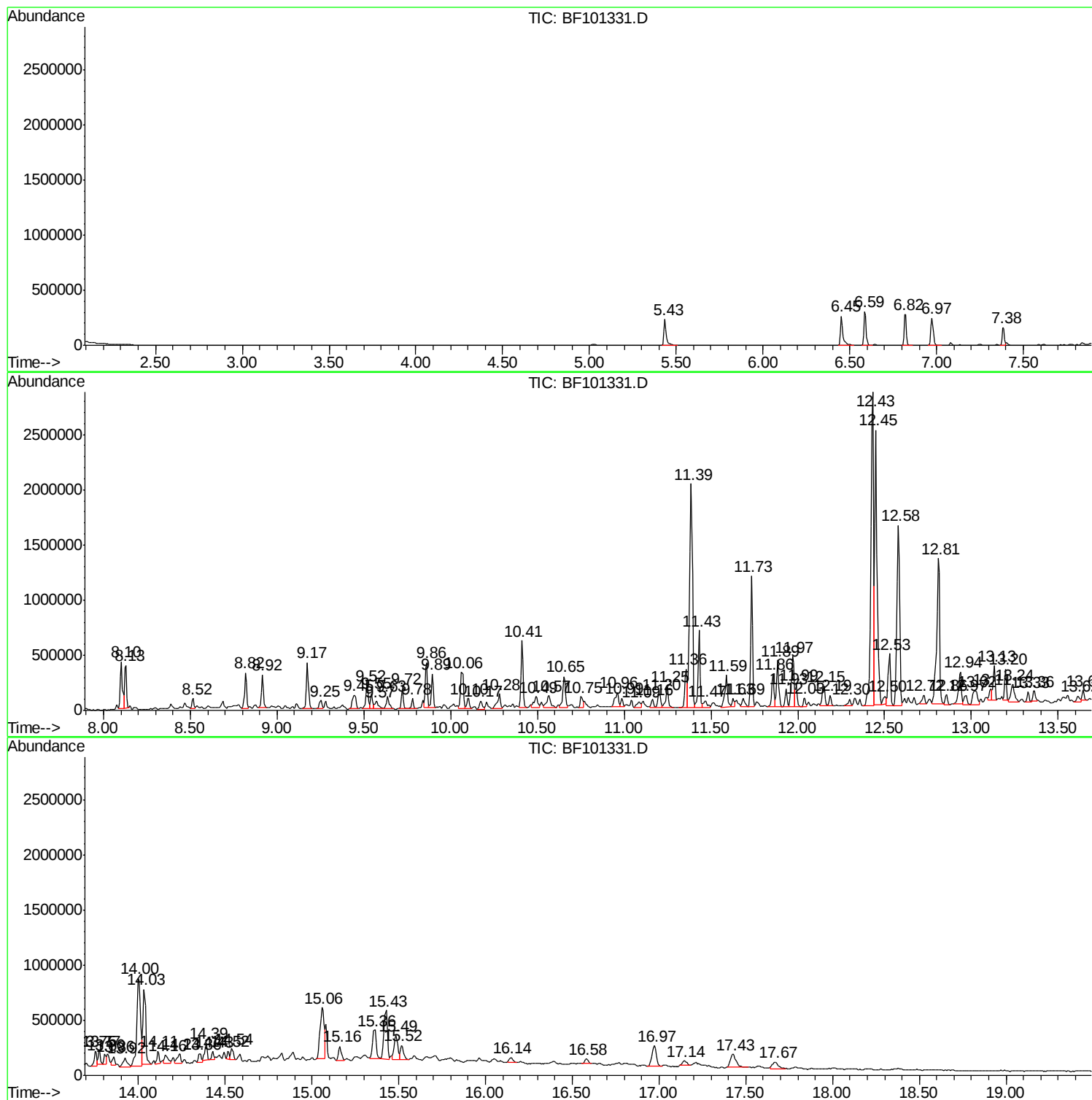
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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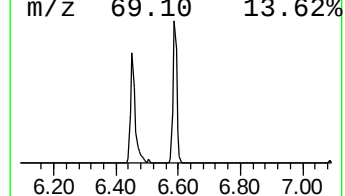
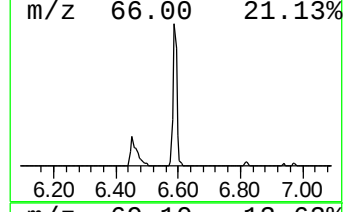
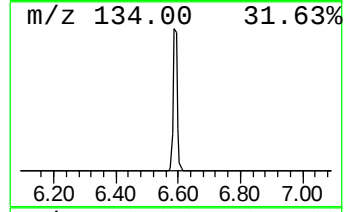
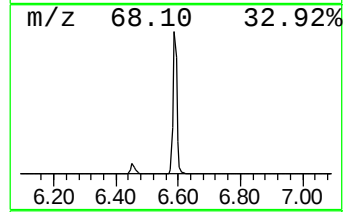
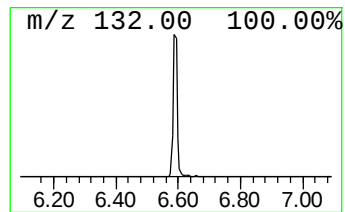
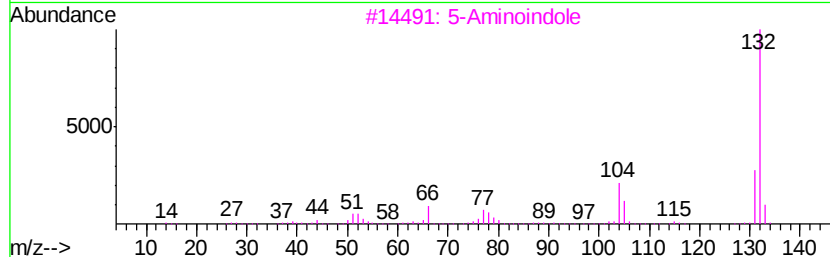
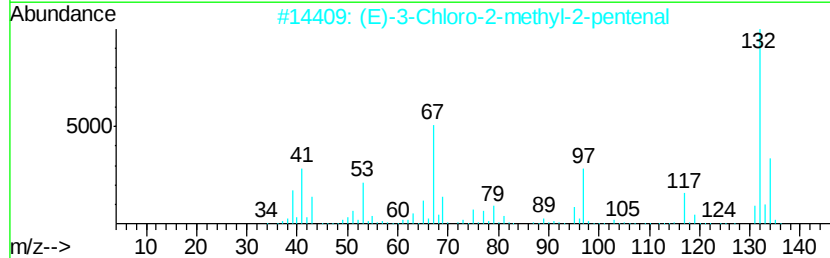
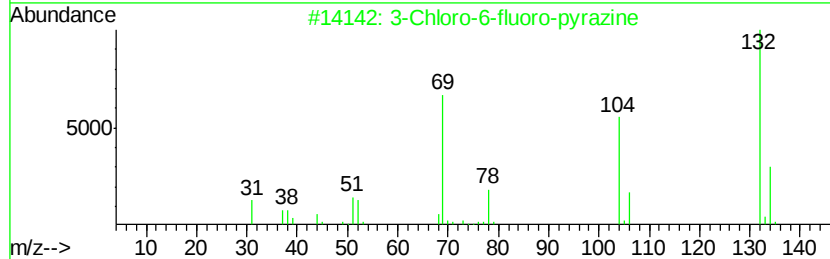
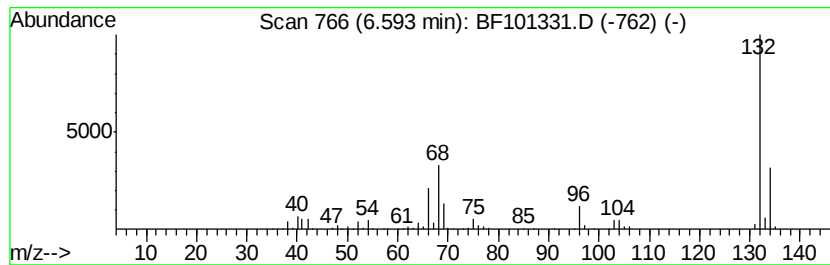
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	20.93 ng	272937	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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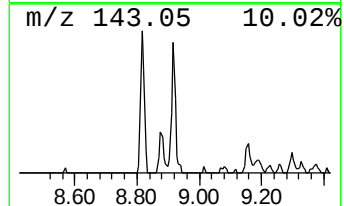
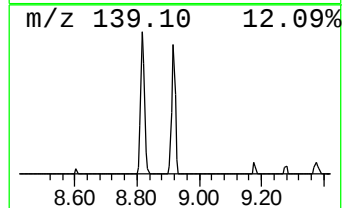
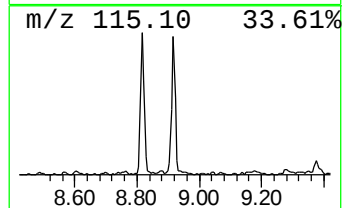
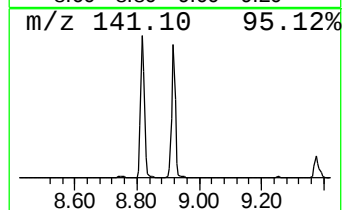
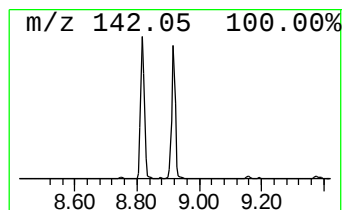
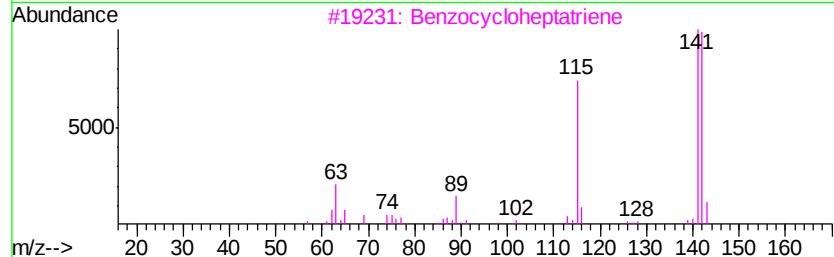
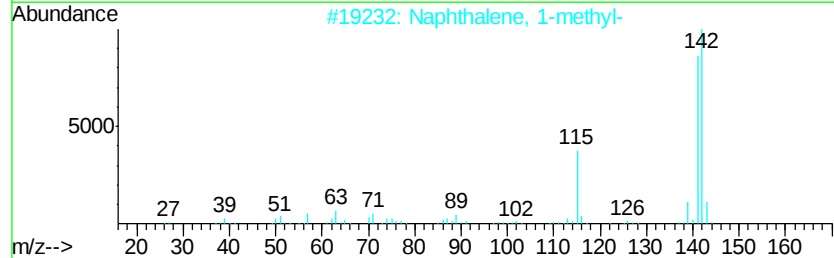
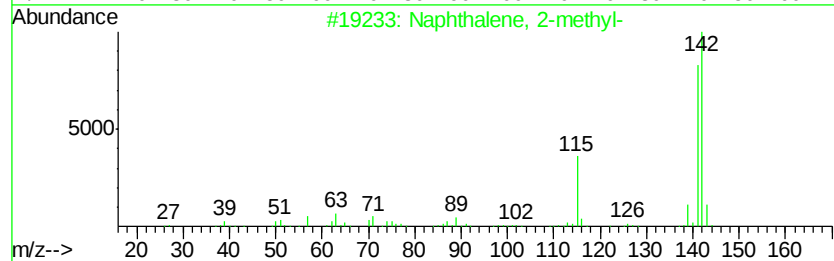
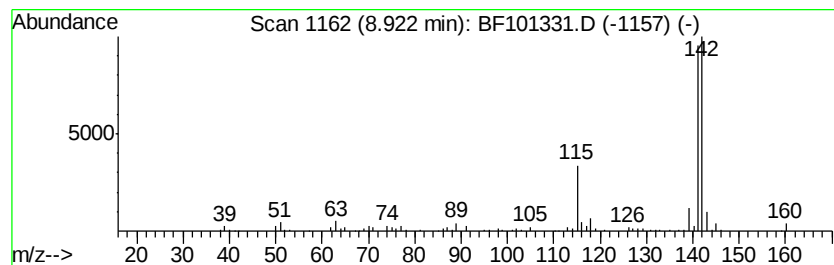
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	12.97 ng	243760	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



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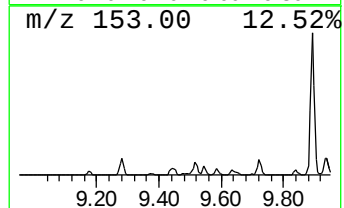
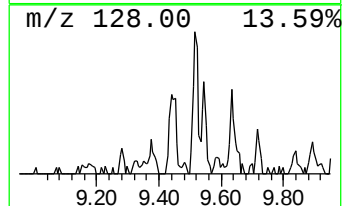
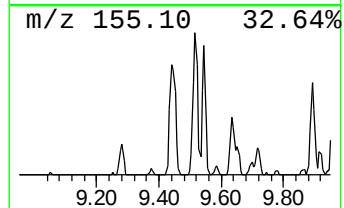
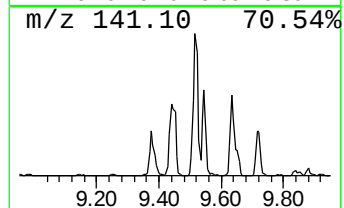
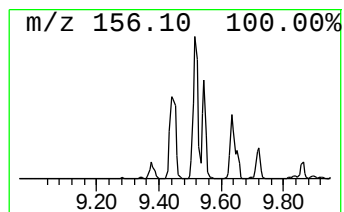
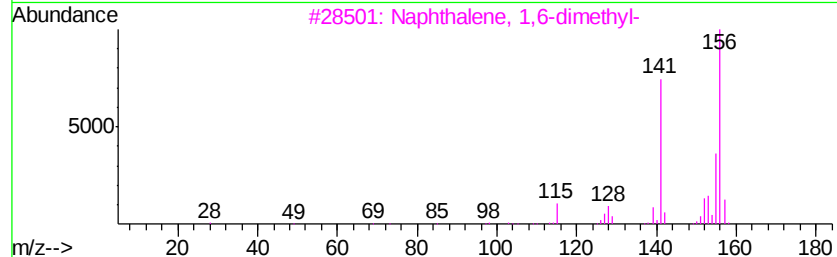
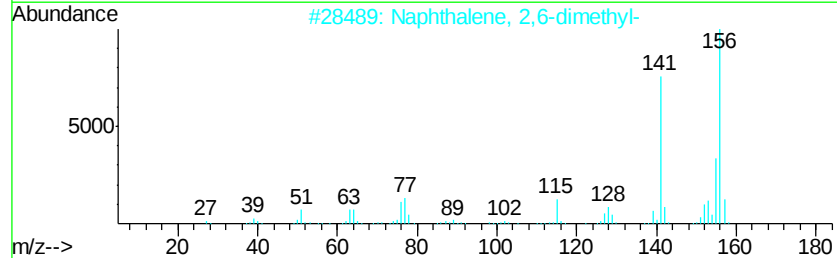
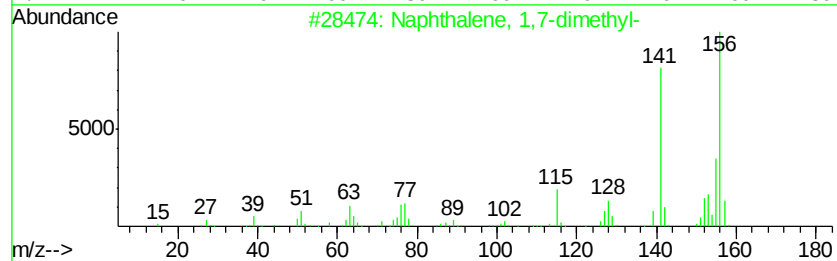
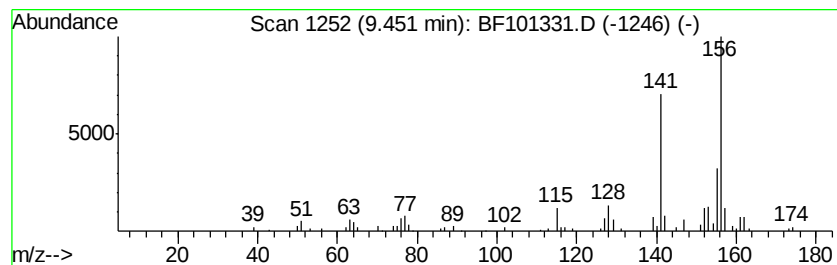
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	9.37 ng	173112	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101331.D
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Operator : SJ/JU
Sample : I6675-03 5X
Misc :
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ClientSampleId :
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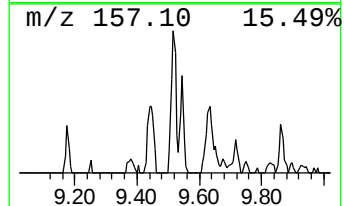
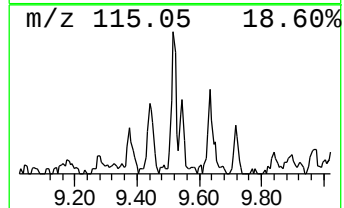
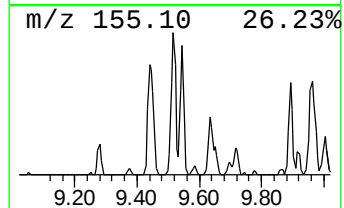
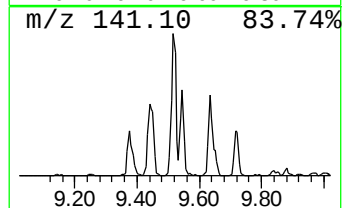
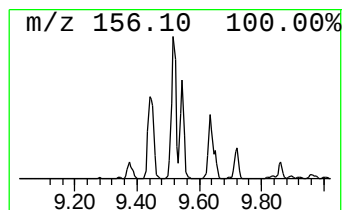
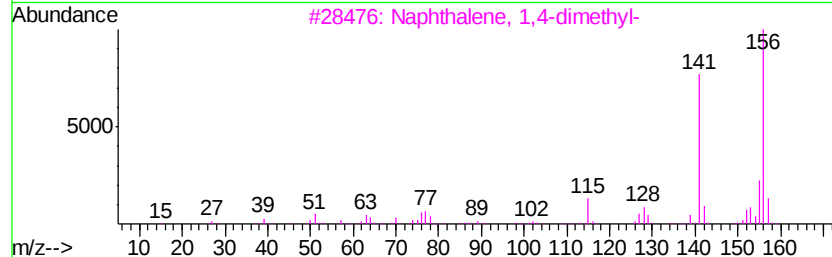
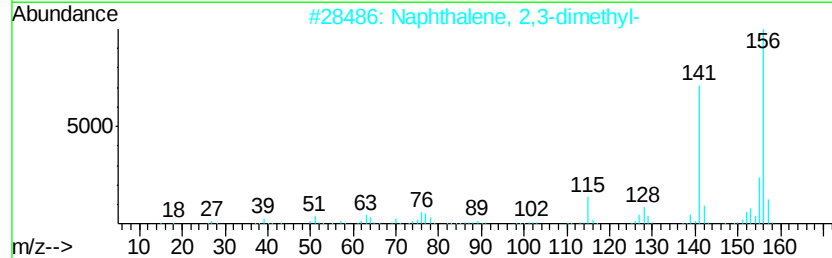
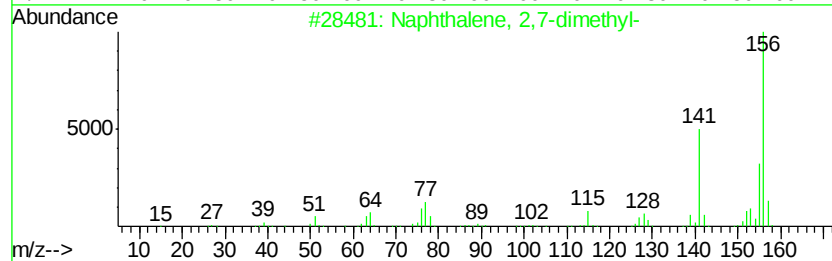
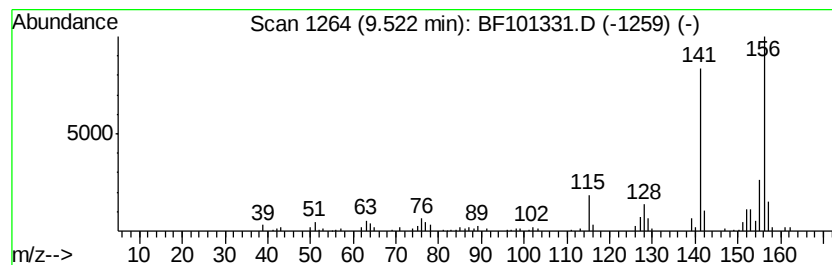
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	12.74 ng	235410	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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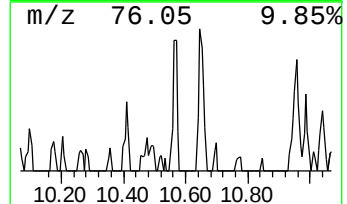
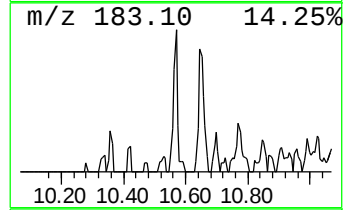
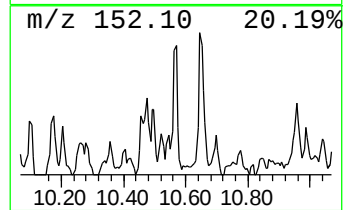
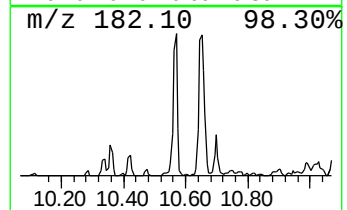
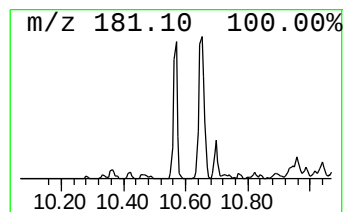
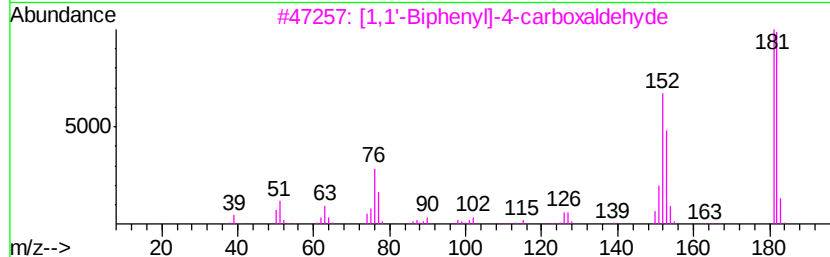
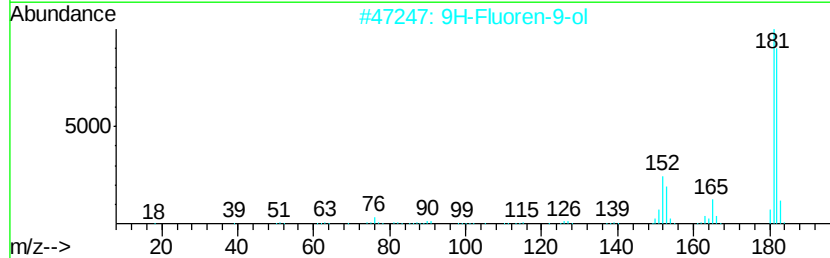
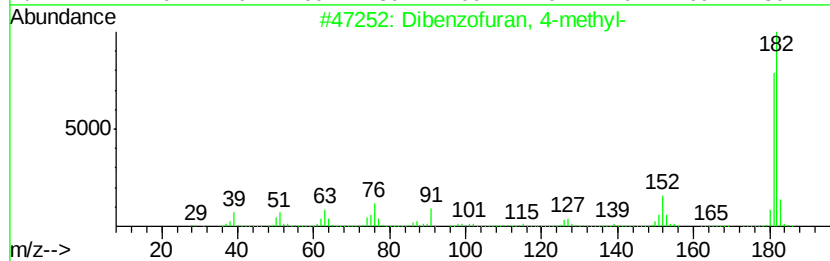
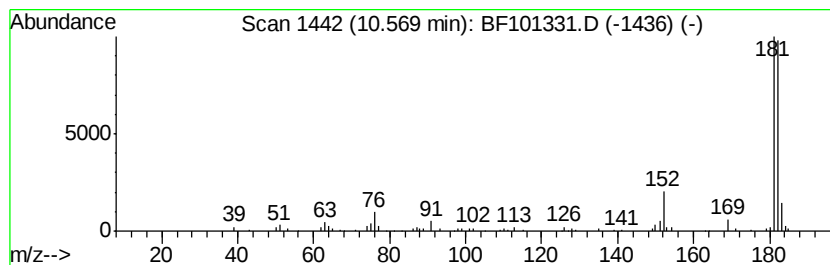
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.57	9.21 ng	170212	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	Norharmaline, N-methyl-	182	C12H10N2	1000374-78-6	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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Operator : SJ/JU
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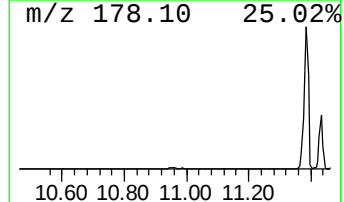
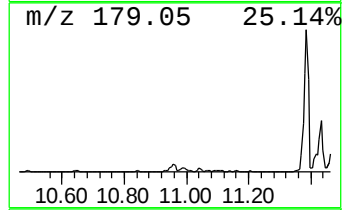
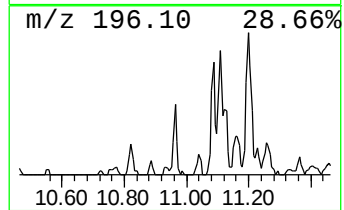
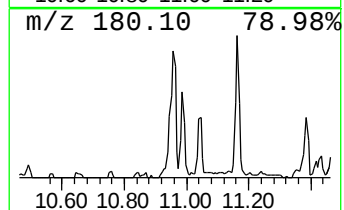
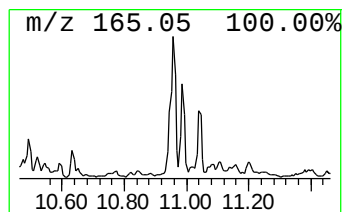
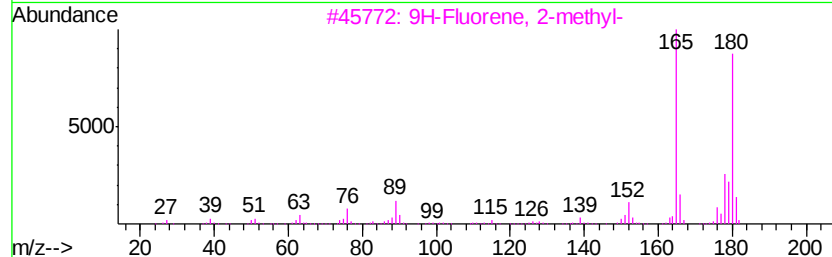
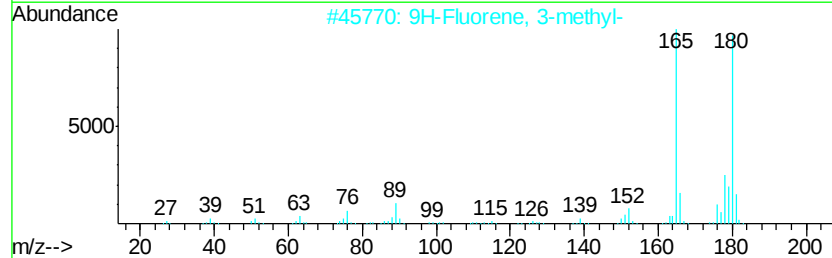
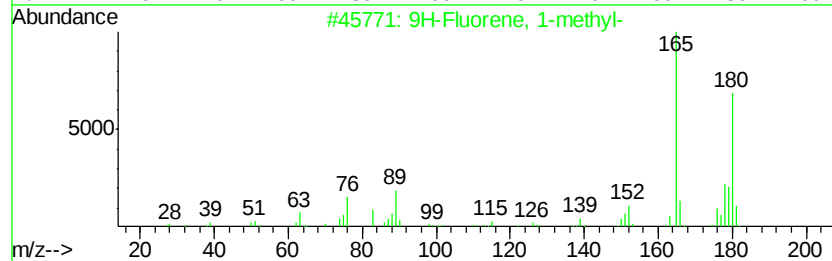
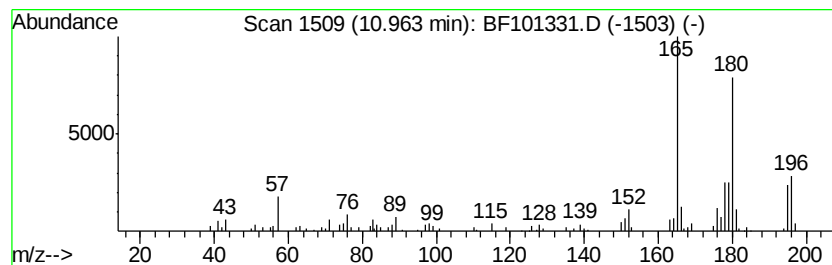
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	9.34 ng	169567	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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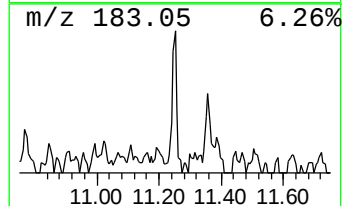
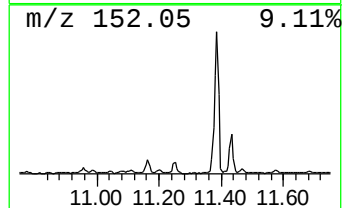
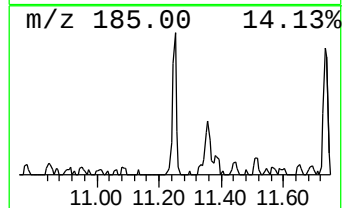
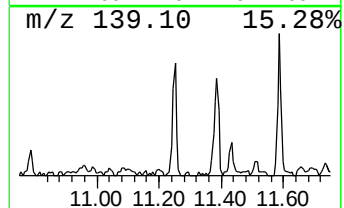
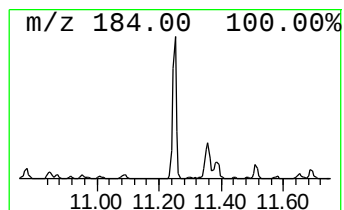
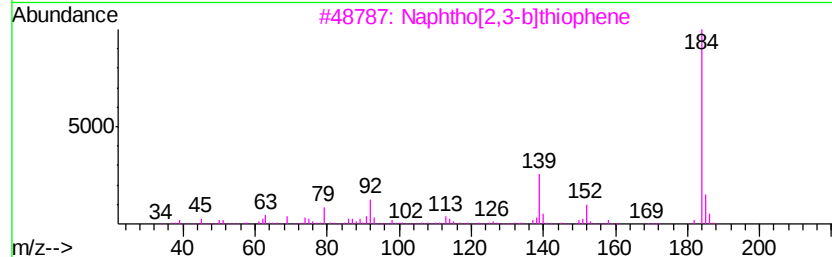
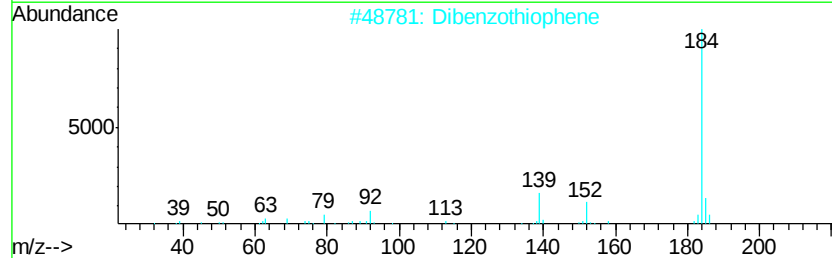
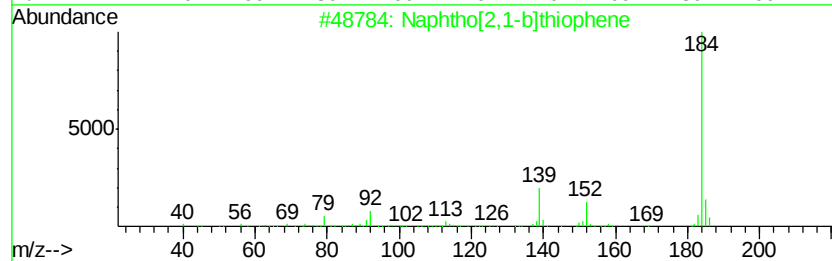
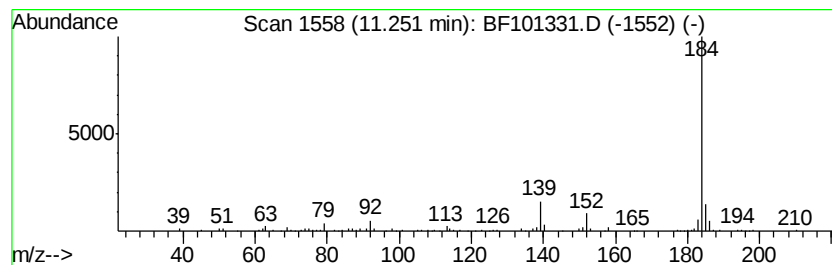
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.25	11.44 ng	207573	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101331.D
Acq On : 12 Dec 2017 15:55
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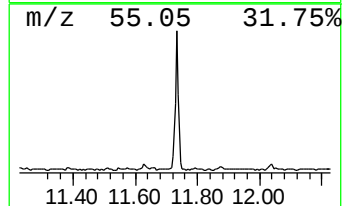
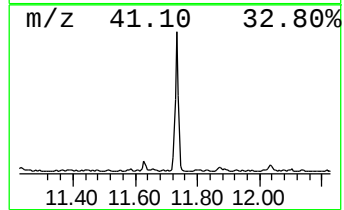
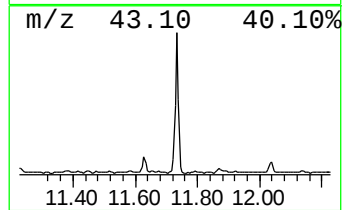
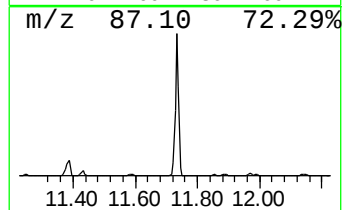
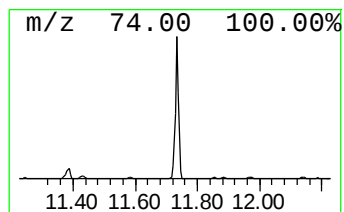
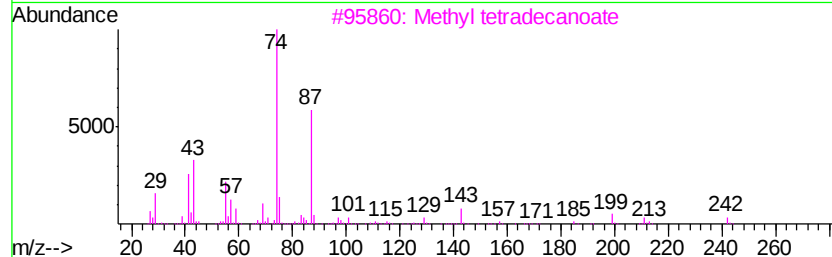
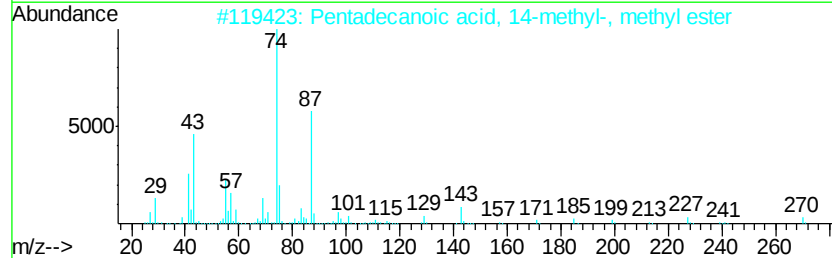
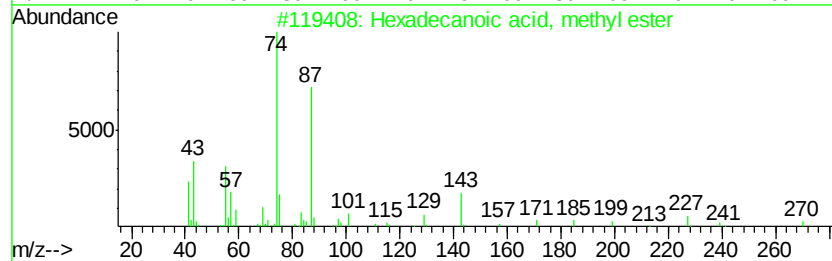
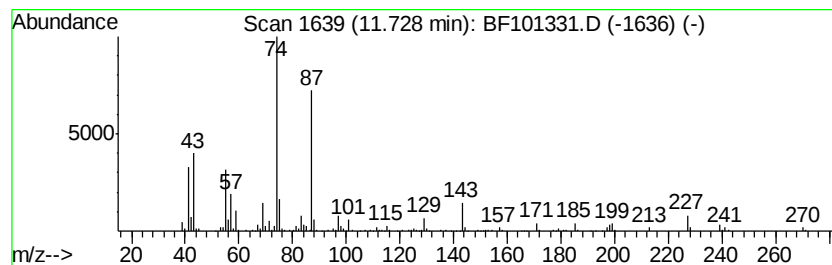
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	52.18 ng	946844	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101331.D
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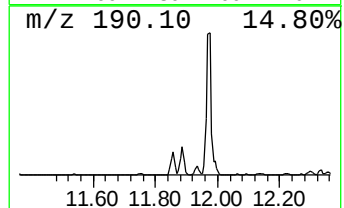
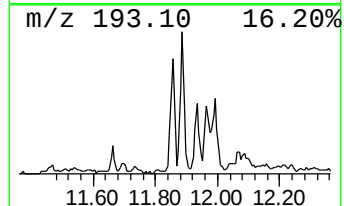
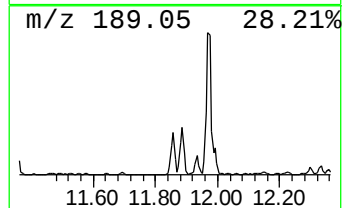
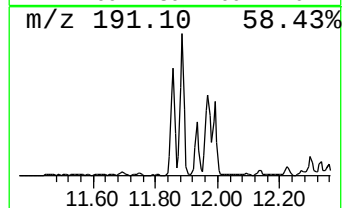
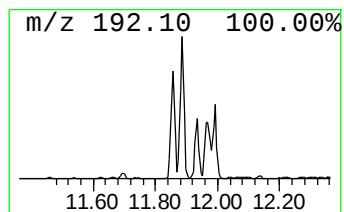
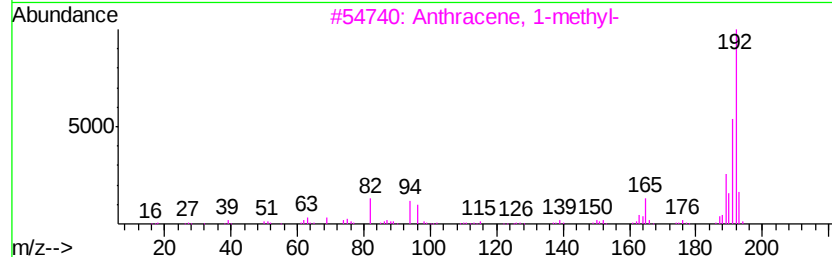
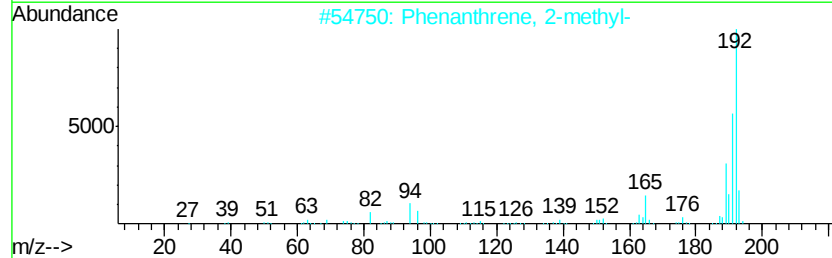
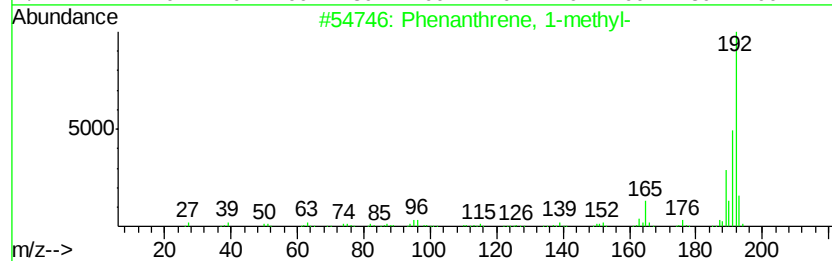
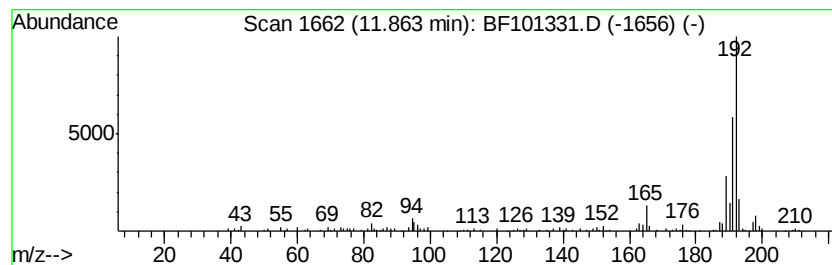
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	16.33 ng	296249	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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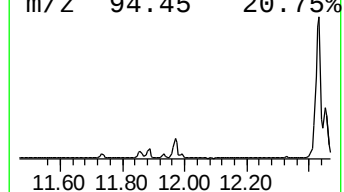
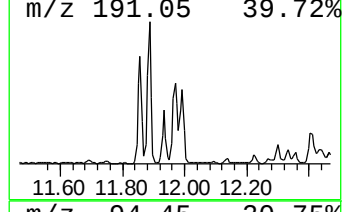
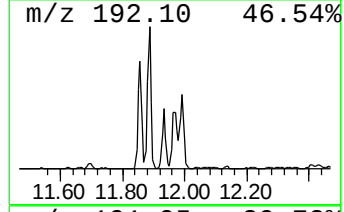
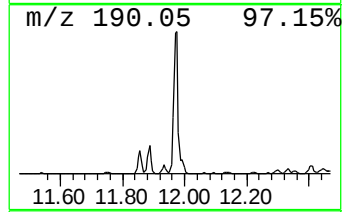
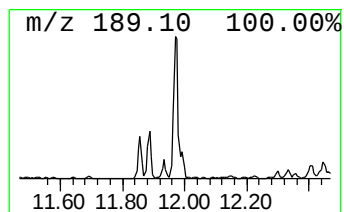
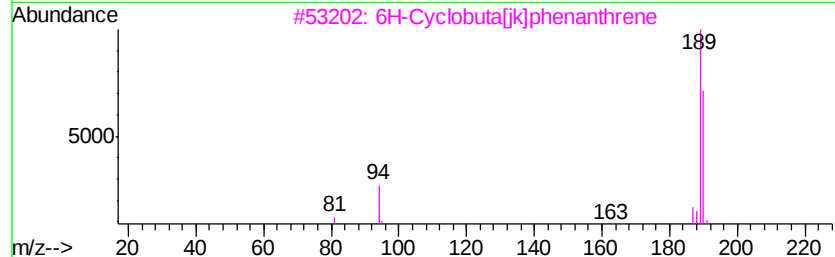
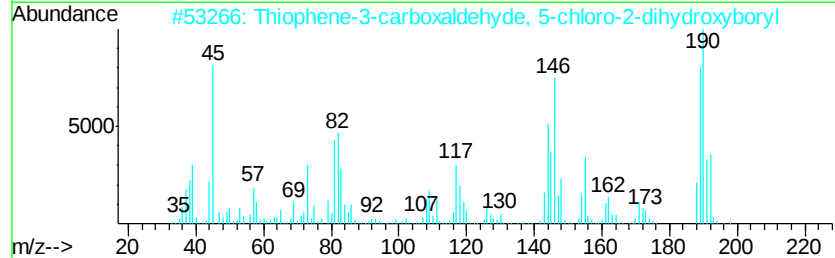
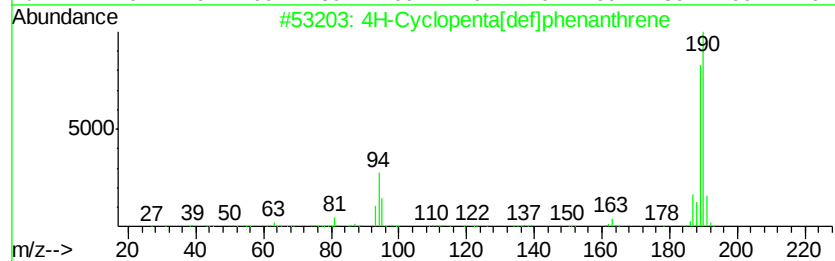
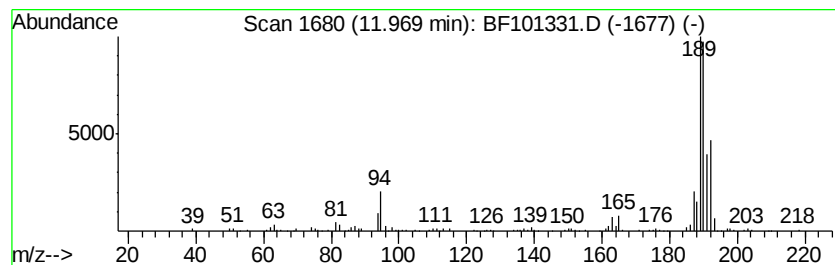
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ClientSampleId :
SU-03-121117-A

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.97	26.21 ng	475563	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101331.D
Acq On : 12 Dec 2017 15:55
Operator : SJ/JU
Sample : I6675-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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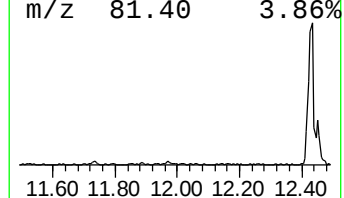
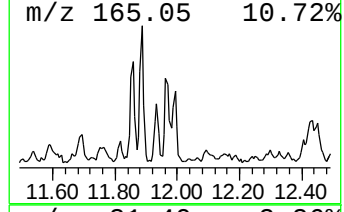
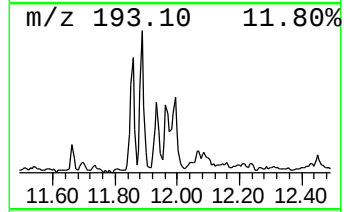
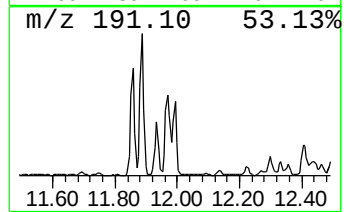
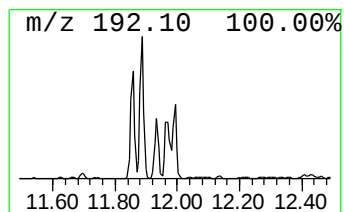
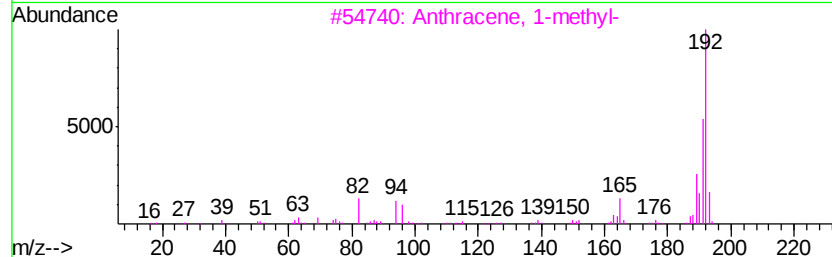
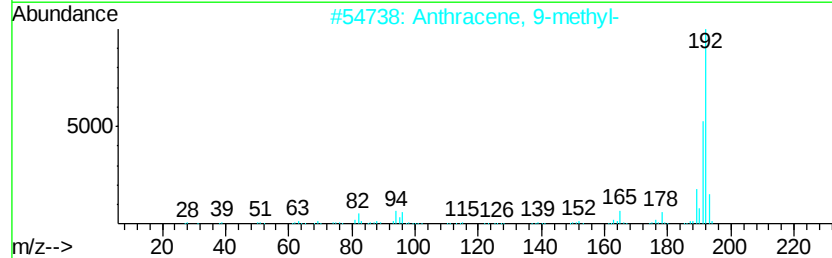
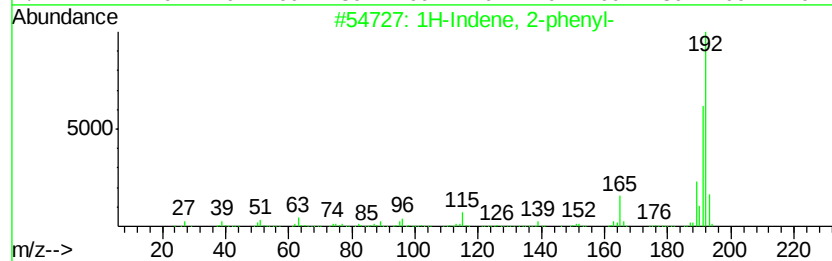
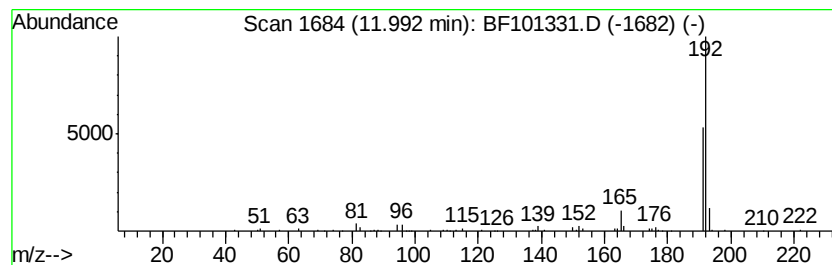
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	9.22 ng	167330	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101331.D
Acq On : 12 Dec 2017 15:55
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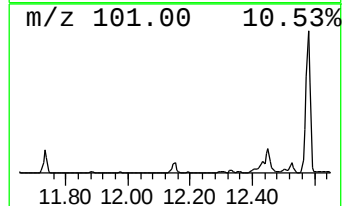
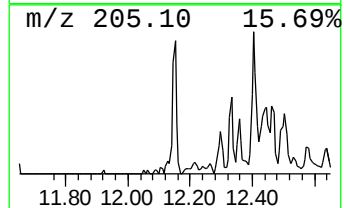
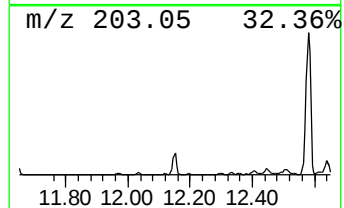
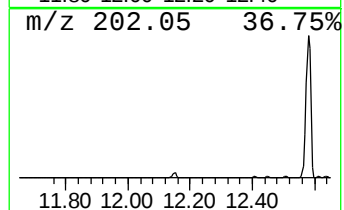
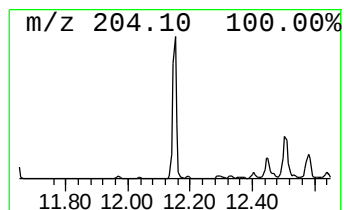
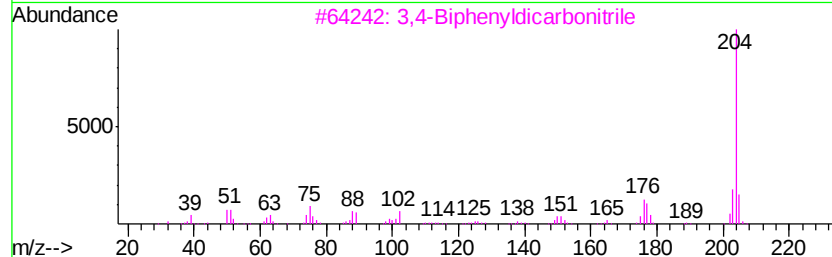
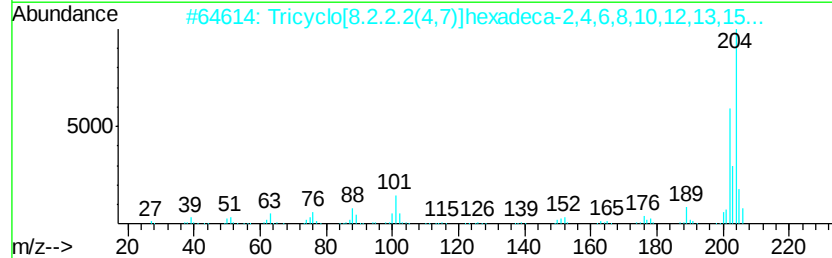
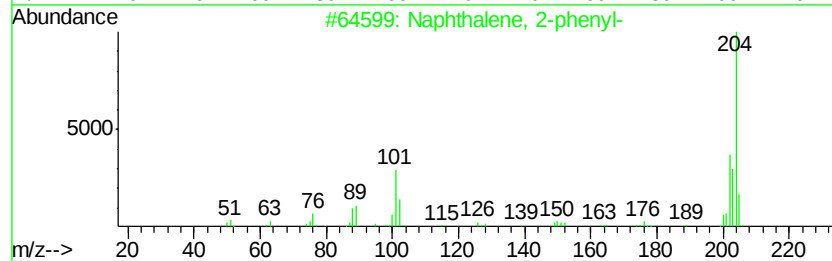
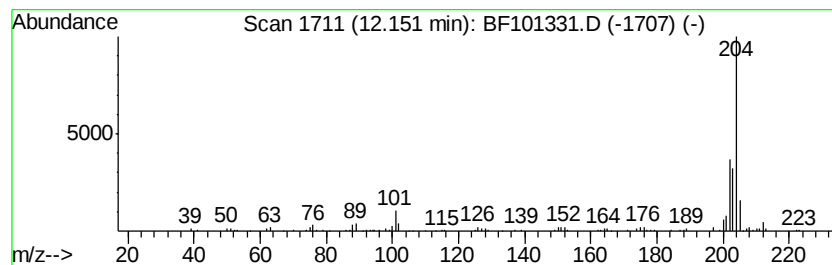
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	9.67 ng	175558	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101331.D
Acq On : 12 Dec 2017 15:55
Operator : SJ/JU
Sample : I6675-03 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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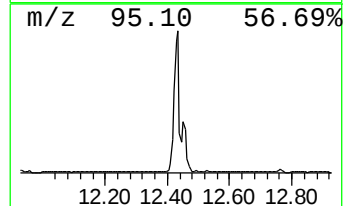
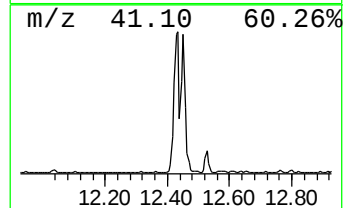
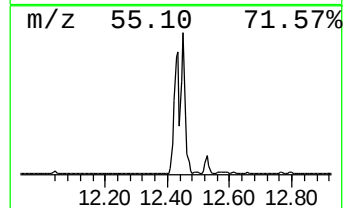
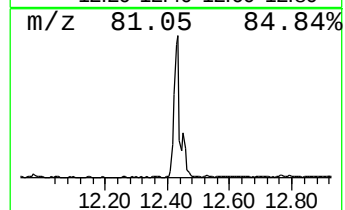
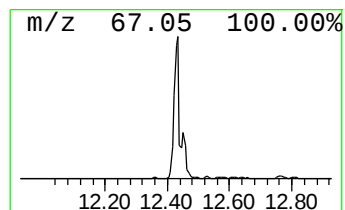
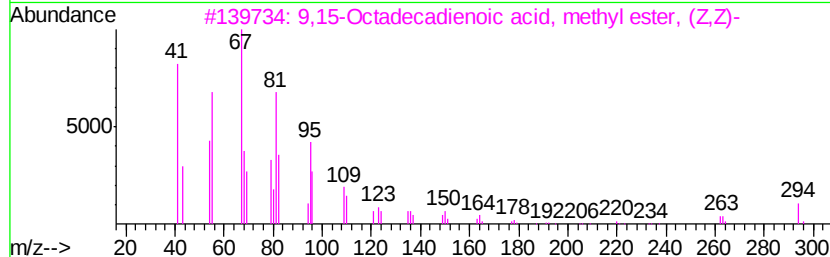
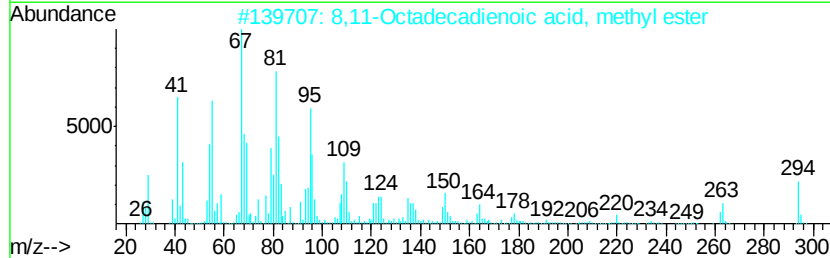
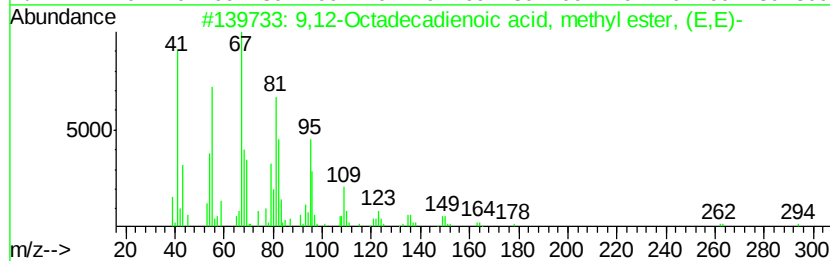
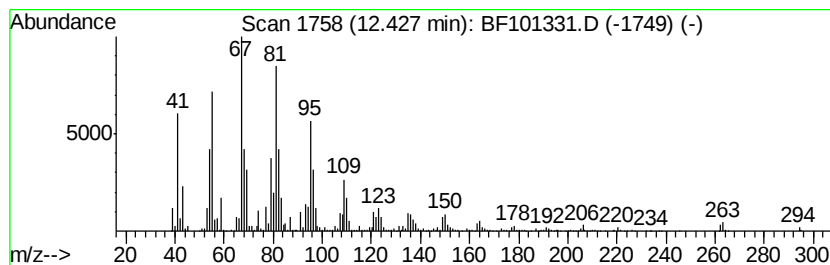
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	182.79 ng	3316760	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101331.D
Acq On : 12 Dec 2017 15:55
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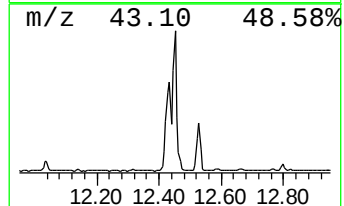
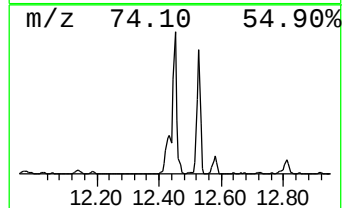
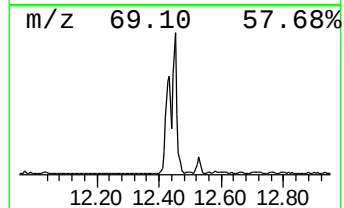
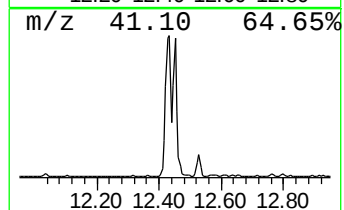
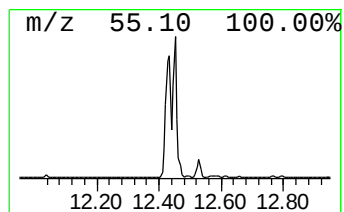
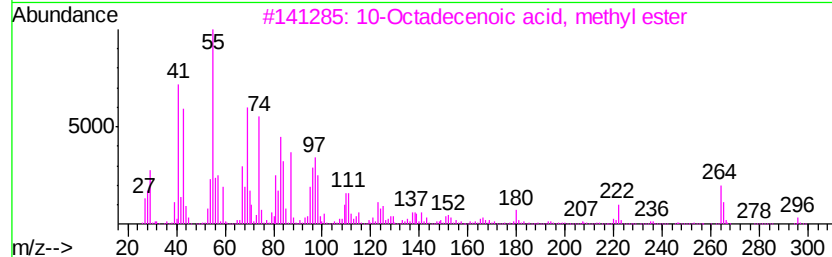
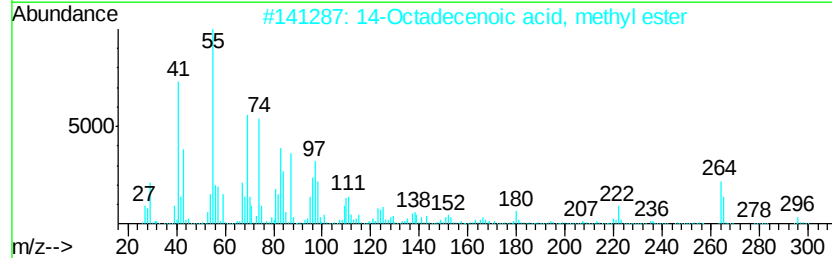
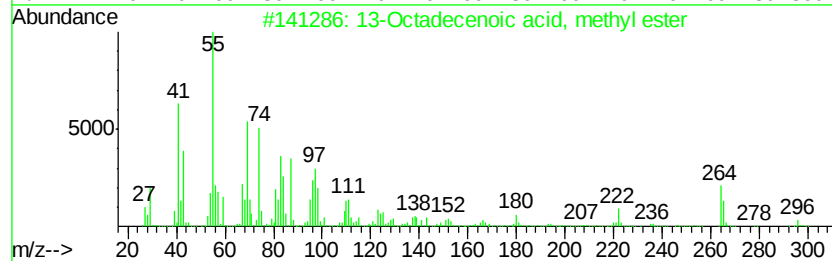
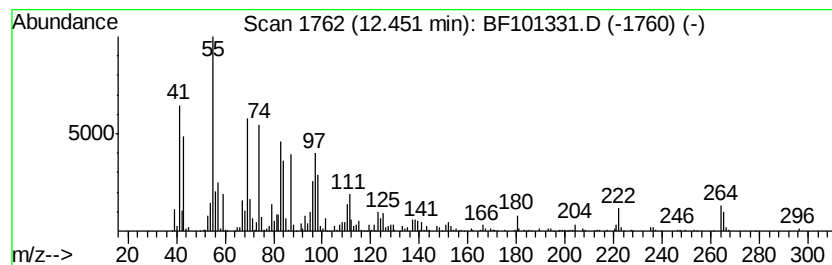
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	120.51 ng	2186770	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	94
3			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
4			cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	91
5			trans-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-61-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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Misc :
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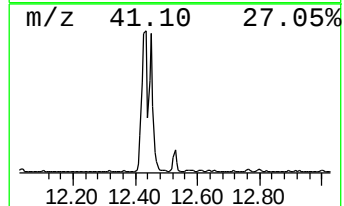
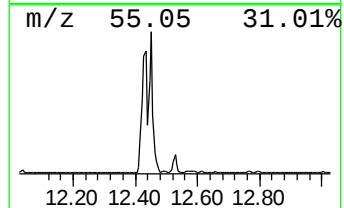
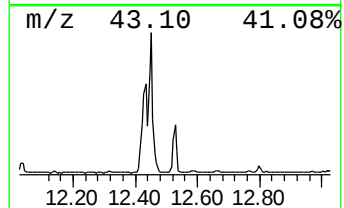
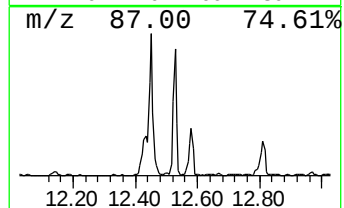
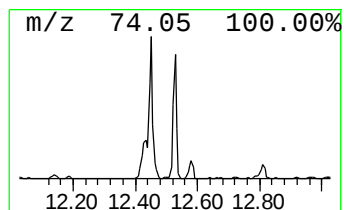
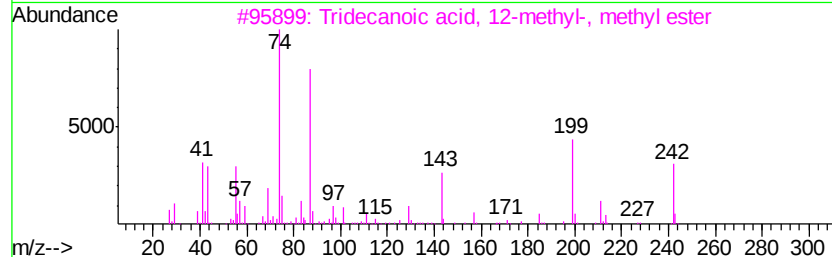
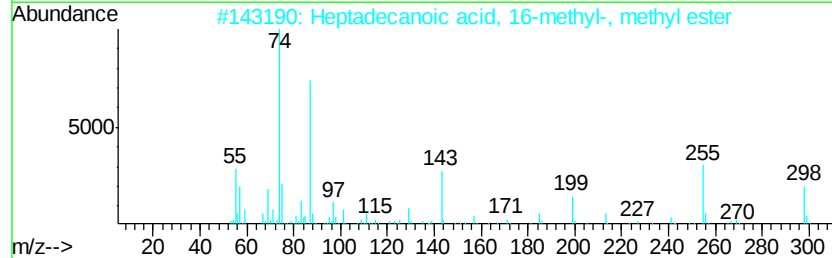
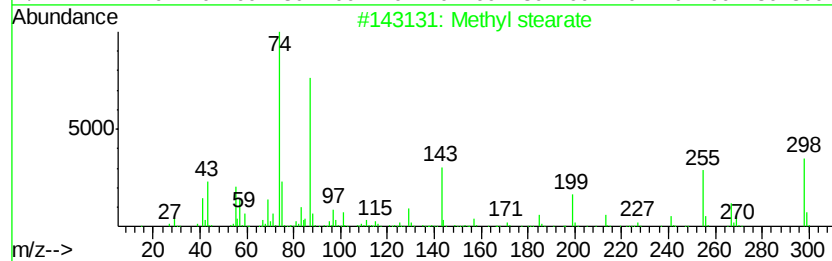
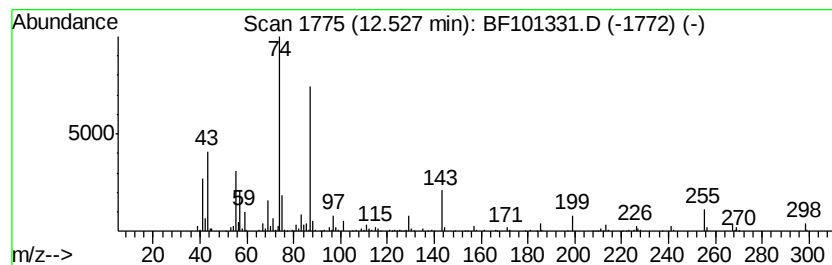
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.53	20.55 ng	372906	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
3		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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ALS Vial : 6 Sample Multiplier: 1

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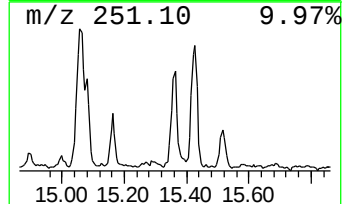
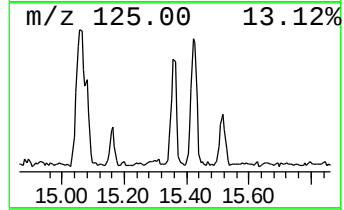
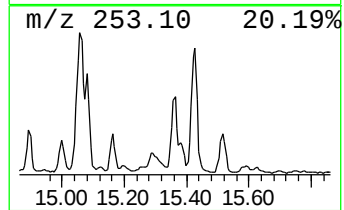
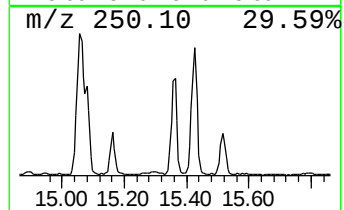
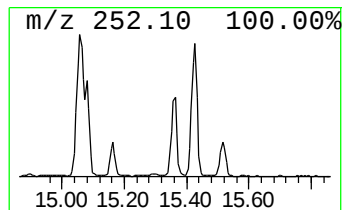
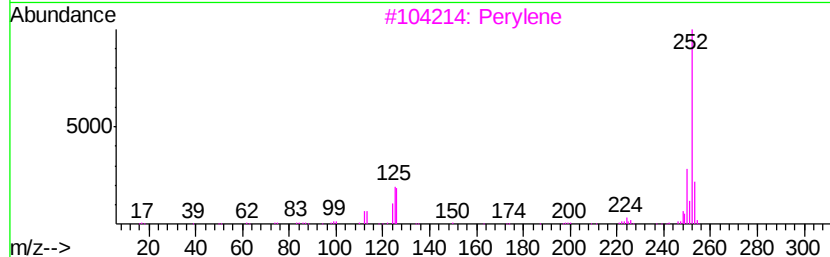
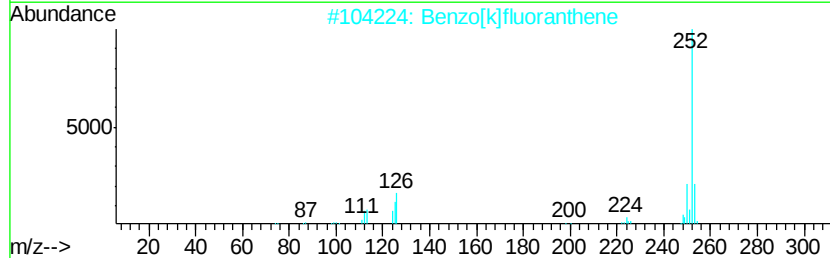
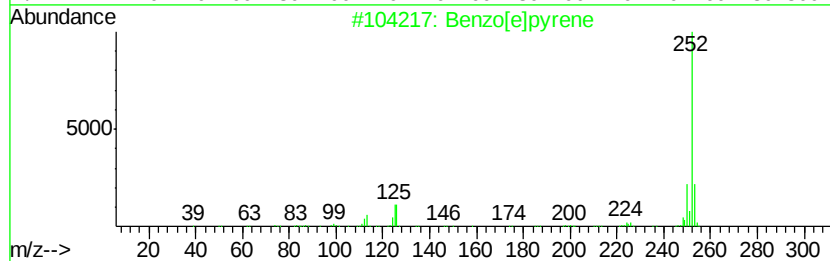
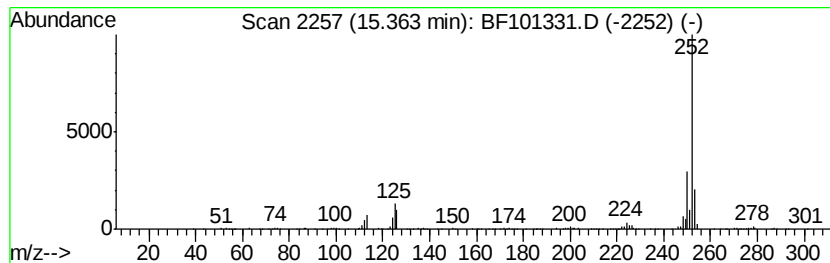
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	23.51 ng	338580	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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 Acq On : 12 Dec 2017 15:55
 Operator : SJ/JU
 Sample : I6675-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-121117-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.59	6.59	20.9	ng	272937	1	6.82	260820	20.0
Naphthalene, 1-me...	8.92	13.0	ng	243760	2	8.10	376013	20.0
Naphthalene, 1,7-...	9.45	9.4	ng	173112	3	9.86	369654	20.0
Naphthalene, 2,7-...	9.52	12.7	ng	235410	3	9.86	369654	20.0
Dibenzofuran, 4-m...	10.57	9.2	ng	170212	3	9.86	369654	20.0
9H-Fluorene, 1-me...	10.96	9.3	ng	169567	4	11.36	362912	20.0
Naphtho[2,1-b]thi...	11.25	11.4	ng	207573	4	11.36	362912	20.0
Hexadecanoic acid...	11.73	52.2	ng	946844	4	11.36	362912	20.0
Phenanthrene, 1-m...	11.86	16.3	ng	296249	4	11.36	362912	20.0
4H-Cyclopenta[def...	11.97	26.2	ng	475563	4	11.36	362912	20.0
1H-Indene, 2-phenyl-	11.99	9.2	ng	167330	4	11.36	362912	20.0
Naphthalene, 2-ph...	12.15	9.7	ng	175558	4	11.36	362912	20.0
9,12-Octadecadien...	12.43	182.8	ng	3316760	4	11.36	362912	20.0
13-Octadecenoic a...	12.45	120.5	ng	2186770	4	11.36	362912	20.0
Methyl stearate	12.53	20.6	ng	372906	4	11.36	362912	20.0
Benzo[e]pyrene	15.36	23.5	ng	338580	6	15.49	288047	20.0