

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100826.D
 Acq On : 22 Nov 2017 15:06
 Operator : SJ/JU
 Sample : I6305-13 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-112017-B

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-BF110817.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	5.081	506	509	518	rBB	29013	28334	2.01%	0.170%
2	5.481	574	577	585	rBV	337285	286453	20.32%	1.724%
3	6.492	745	749	760	rBB	328974	300839	21.34%	1.810%
4	6.640	770	774	777	rBV	350427	305756	21.68%	1.840%
5	6.875	810	814	817	rBV	526879	463280	32.86%	2.788%
6	7.028	836	840	843	rBV	256981	203321	14.42%	1.223%
7	7.428	905	908	913	rBV	207439	167700	11.89%	1.009%
8	8.151	1028	1031	1034	rBV	631653	572853	40.63%	3.447%
9	8.863	1150	1152	1156	rBV	44035	38482	2.73%	0.232%
10	8.963	1165	1169	1173	rBV	48445	47979	3.40%	0.289%
11	9.228	1210	1214	1217	rBV	355732	283899	20.13%	1.708%
12	9.304	1222	1227	1229	rBV	48176	40354	2.86%	0.243%
13	9.492	1255	1259	1264	rBV	36600	45576	3.23%	0.274%
14	9.569	1268	1272	1274	rVV	55166	58030	4.12%	0.349%
15	9.592	1274	1276	1278	rVV	35775	26397	1.87%	0.159%
16	9.681	1289	1291	1294	rBV2	31185	32205	2.28%	0.194%
17	9.769	1303	1306	1310	rVB	30194	26615	1.89%	0.160%
18	9.833	1310	1317	1321	rBV	68887	72740	5.16%	0.438%
19	9.910	1324	1330	1333	rVV2	674775	575360	40.81%	3.462%
20	9.939	1333	1335	1339	rVB	81628	68380	4.85%	0.411%
21	10.110	1361	1364	1368	rVB2	63321	62538	4.44%	0.376%
22	10.151	1368	1371	1375	rBV	37251	33483	2.37%	0.201%
23	10.222	1380	1383	1386	rBV2	27032	27933	1.98%	0.168%
24	10.333	1399	1402	1404	rVB	74453	66276	4.70%	0.399%
25	10.457	1417	1423	1428	rBV	111081	110029	7.80%	0.662%
26	10.610	1444	1449	1452	rBV3	27318	35589	2.52%	0.214%
27	10.692	1461	1463	1467	rVB	178219	167869	11.91%	1.010%
28	10.804	1479	1482	1491	rBV2	77152	93948	6.66%	0.565%
29	11.004	1510	1516	1518	rBV4	42429	52645	3.73%	0.317%
30	11.127	1533	1537	1539	rBV3	23272	29920	2.12%	0.180%
31	11.198	1547	1549	1553	rVB	59297	51516	3.65%	0.310%
32	11.251	1553	1558	1560	rVV2	68001	64230	4.56%	0.386%
33	11.292	1560	1565	1569	rVB2	60658	67844	4.81%	0.408%
34	11.398	1579	1583	1585	rBV	538777	501667	35.58%	3.019%

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35	11.422	1585	1587	1590	rVV	729312	548769	38.92%	3.302%
36	11.469	1593	1595	1598	rVV	229006	205010	14.54%	1.234%
37	11.504	1598	1601	1603	rVV2	20348	26712	1.89%	0.161%
38	11.627	1618	1622	1628	rVV	52914	66240	4.70%	0.399%
39	11.680	1628	1631	1634	rVV2	37896	47642	3.38%	0.287%
40	11.727	1636	1639	1644	rVV2	39038	40233	2.85%	0.242%
41	11.780	1644	1648	1651	rVV	521909	390436	27.69%	2.349%
42	11.898	1663	1668	1670	rBV	126922	119289	8.46%	0.718%
43	11.922	1670	1672	1677	rVB	154112	145476	10.32%	0.875%
44	11.974	1677	1681	1683	rBV	69078	63066	4.47%	0.379%
45	12.010	1683	1687	1689	rBV	166528	168305	11.94%	1.013%
46	12.033	1689	1691	1695	rVB	80354	65908	4.67%	0.397%
47	12.086	1696	1700	1702	rBV2	28996	33979	2.41%	0.204%
48	12.192	1714	1718	1720	rBV	75128	62997	4.47%	0.379%
49	12.216	1720	1722	1729	rVB2	52294	52370	3.71%	0.315%
50	12.369	1746	1748	1750	rBV	32838	27707	1.97%	0.167%
51	12.445	1756	1761	1762	rBV	80344	80423	5.70%	0.484%
52	12.469	1762	1765	1767	rVV	1471608	1410004	100.00%	8.485%
53	12.486	1767	1768	1774	rVV2	1103248	883341	62.65%	5.315%
54	12.533	1774	1776	1780	rVV	78735	74175	5.26%	0.446%
55	12.569	1780	1782	1785	rVB	174745	151613	10.75%	0.912%
56	12.610	1785	1789	1793	rBV	887555	807623	57.28%	4.860%
57	12.763	1812	1815	1817	rVV	37237	30839	2.19%	0.186%
58	12.839	1821	1828	1834	rVB2	722070	820676	58.20%	4.938%
59	12.886	1834	1836	1841	rVB2	47868	52213	3.70%	0.314%
60	12.957	1841	1848	1849	rBV2	56928	61845	4.39%	0.372%
61	12.974	1849	1851	1854	rVV	245885	208816	14.81%	1.257%
62	12.998	1854	1855	1860	rVB2	38113	28032	1.99%	0.169%
63	13.057	1860	1865	1868	rBV3	76085	118499	8.40%	0.713%
64	13.139	1876	1879	1880	rVV4	56180	62923	4.46%	0.379%
65	13.163	1881	1883	1887	rVB	102714	110195	7.82%	0.663%
66	13.233	1891	1895	1897	rVB	66932	71846	5.10%	0.432%
67	13.269	1897	1901	1904	rBV2	97924	108705	7.71%	0.654%
68	13.298	1904	1906	1909	rVV2	34954	30332	2.15%	0.183%
69	13.363	1914	1917	1919	rBV	57098	46731	3.31%	0.281%
70	13.392	1919	1922	1926	rVB	57260	53681	3.81%	0.323%
71	13.545	1944	1948	1950	rBV5	23198	27380	1.94%	0.165%

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72	13.568	1950	1952	1958	rVB7	22715	38705	2.75%	0.233%
73	13.674	1966	1970	1974	rVB	115666	115847	8.22%	0.697%
74	13.786	1984	1989	1991	rBV2	80400	108113	7.67%	0.651%
75	13.810	1991	1993	1996	rVV	64826	60451	4.29%	0.364%
76	13.839	1996	1998	2001	rVV2	51591	64770	4.59%	0.390%
77	13.880	2002	2005	2010	rVB	102351	103831	7.36%	0.625%
78	13.963	2013	2019	2023	rBV3	33983	57996	4.11%	0.349%
79	14.033	2023	2031	2034	rBV2	704013	1012875	71.83%	6.095%
80	14.063	2034	2036	2043	rVB	407274	358545	25.43%	2.158%
81	14.139	2047	2049	2052	rBV	37135	29885	2.12%	0.180%
82	14.180	2053	2056	2060	rBV4	37238	51274	3.64%	0.309%
83	14.263	2066	2070	2073	rBV3	33227	49804	3.53%	0.300%
84	14.421	2093	2097	2100	rVB	105166	104690	7.42%	0.630%
85	14.451	2100	2102	2106	rBV	51222	48436	3.44%	0.291%
86	14.545	2115	2118	2120	rVV2	54833	61028	4.33%	0.367%
87	14.568	2120	2122	2126	rVV3	49422	58748	4.17%	0.354%
88	14.615	2126	2130	2137	rVB4	39148	65313	4.63%	0.393%
89	14.921	2177	2182	2189	rVB2	55661	91594	6.50%	0.551%
90	15.080	2205	2209	2216	rBV	258742	492100	34.90%	2.961%
91	15.186	2224	2227	2230	rVB	52330	57512	4.08%	0.346%
92	15.386	2257	2261	2266	rVB	137341	176113	12.49%	1.060%
93	15.451	2267	2272	2277	rBV	198787	261825	18.57%	1.576%
94	15.515	2277	2283	2286	rBV	321231	440032	31.21%	2.648%
95	15.545	2286	2288	2294	rVB2	58430	77669	5.51%	0.467%
96	16.215	2399	2402	2409	rBV8	16689	32960	2.34%	0.198%
97	16.657	2472	2477	2480	rBV7	19760	41037	2.91%	0.247%
98	16.992	2529	2534	2542	rVB2	64996	124750	8.85%	0.751%
99	17.162	2561	2563	2570	rVB3	15876	27064	1.92%	0.163%
100	17.439	2606	2610	2618	rVB	45910	91343	6.48%	0.550%

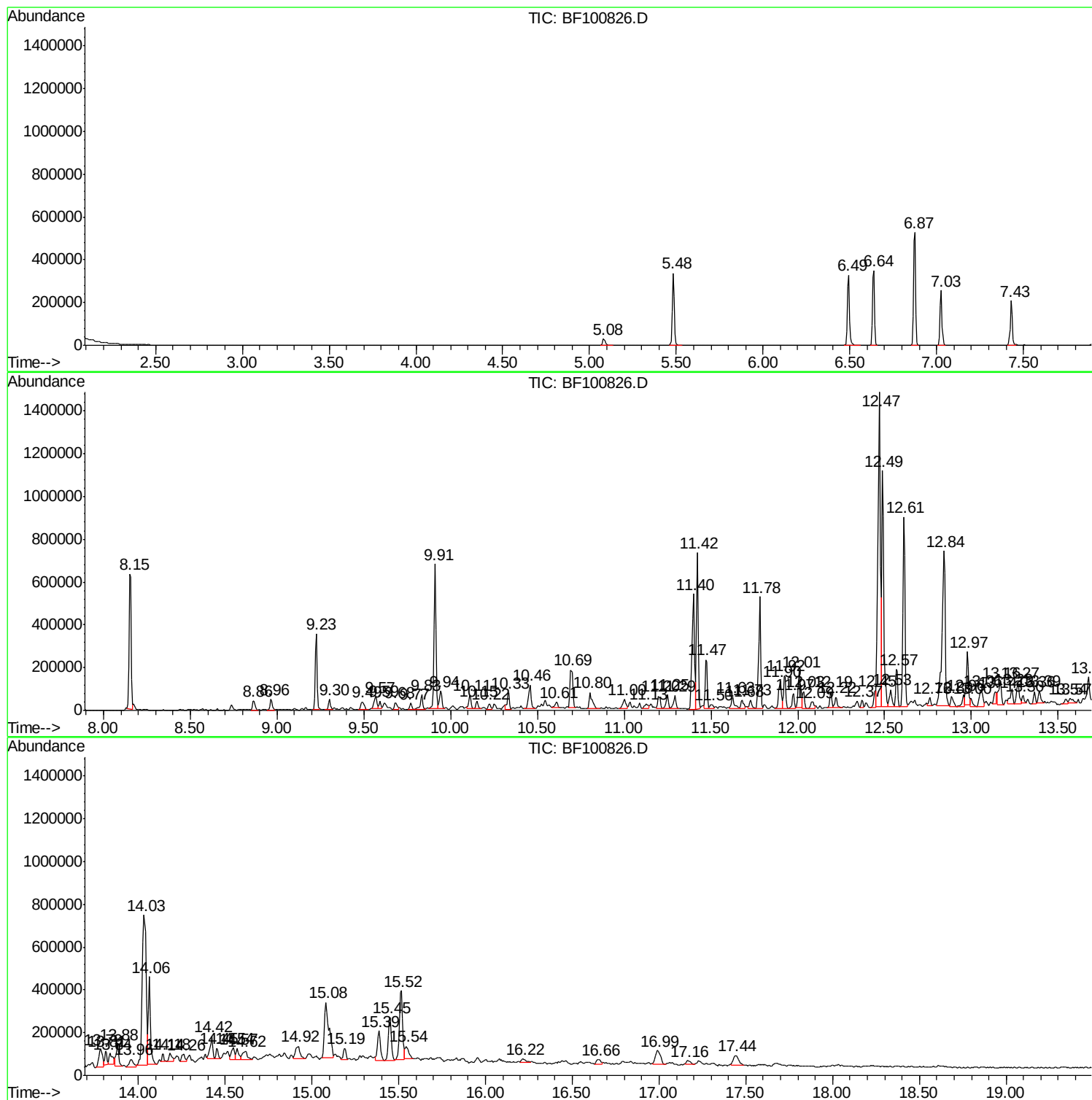
Sum of corrected areas: 16618381

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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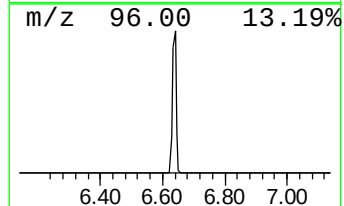
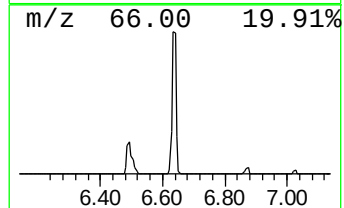
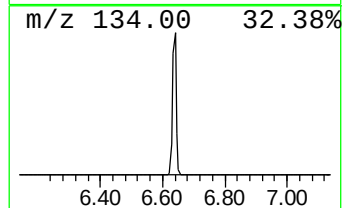
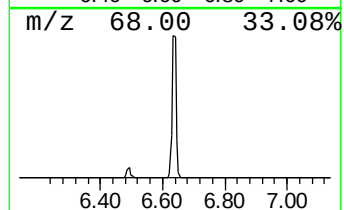
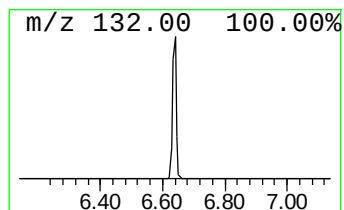
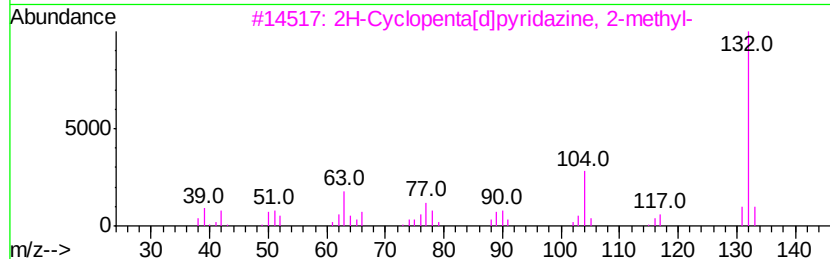
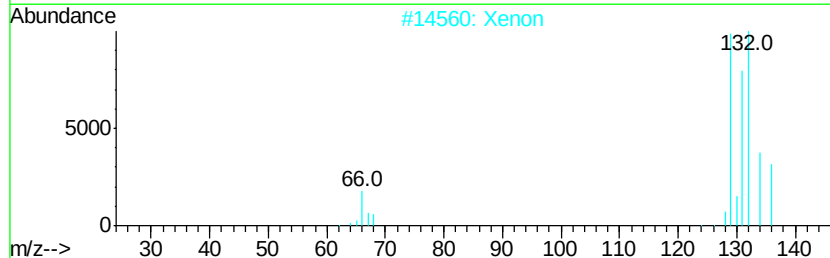
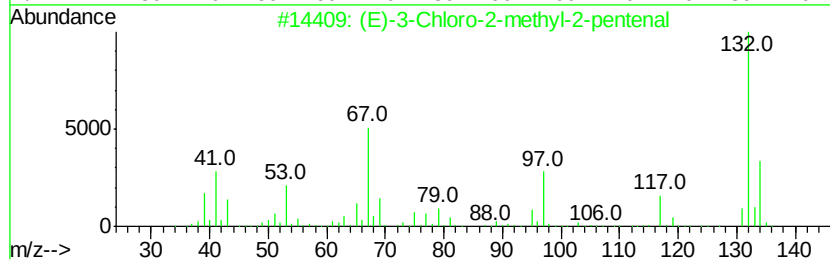
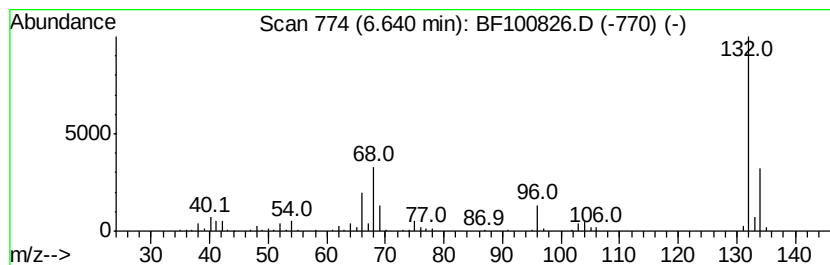
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	13.20 ng	305756	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		Xenon	132	Xe	007440-63-3	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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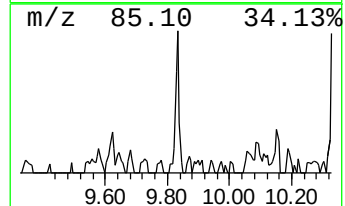
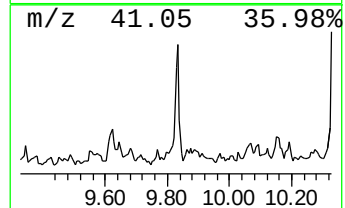
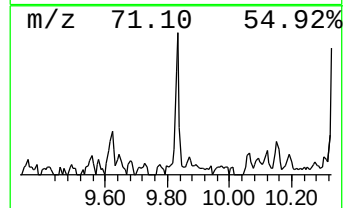
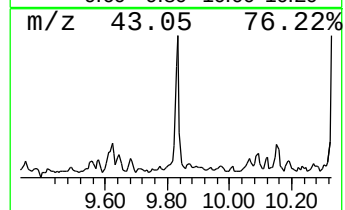
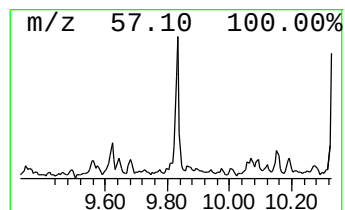
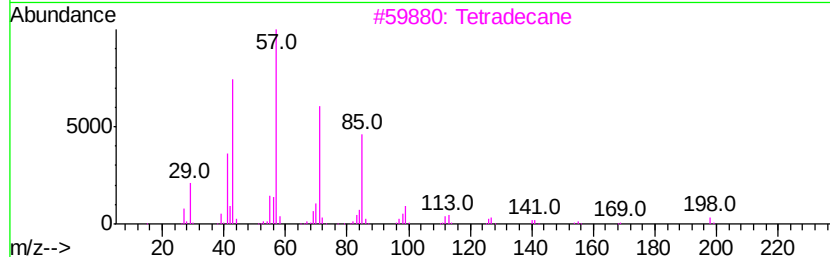
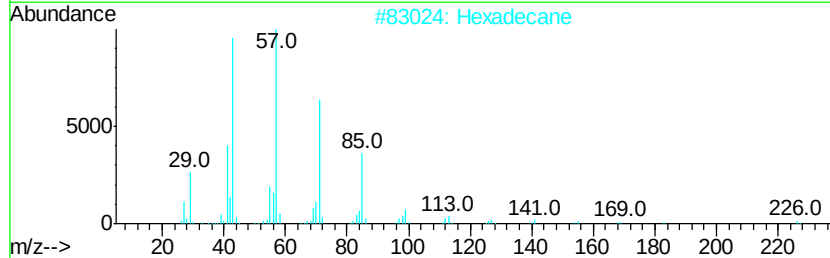
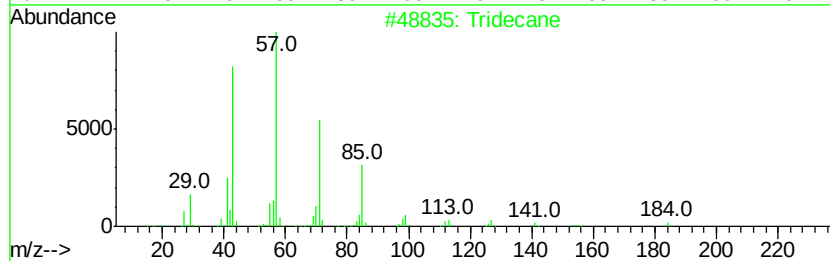
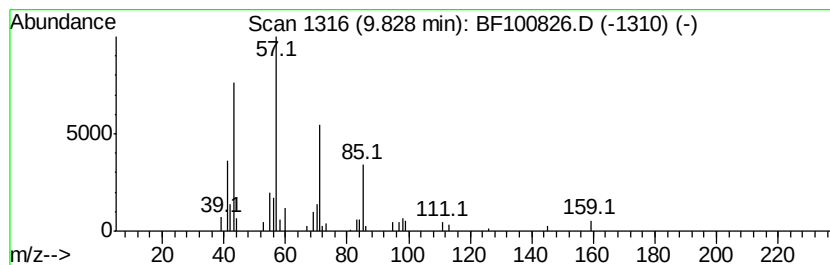
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.53 ng	72740	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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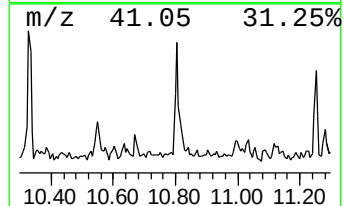
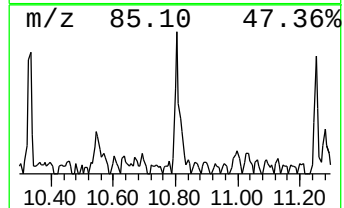
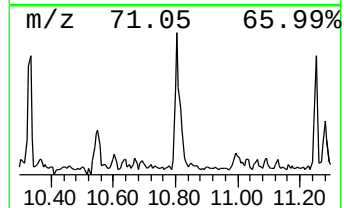
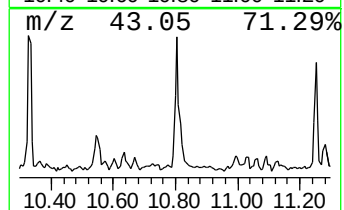
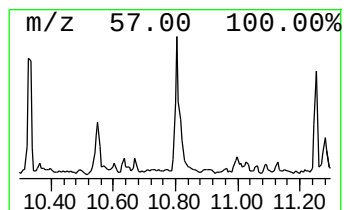
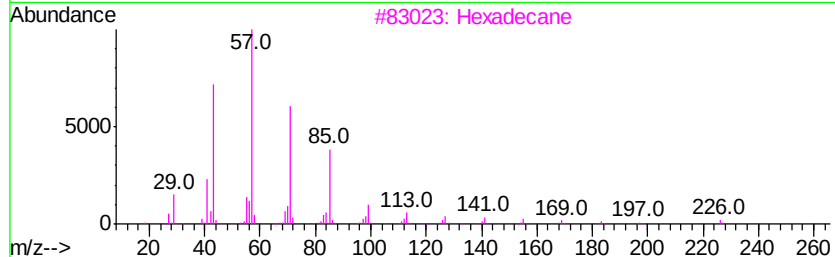
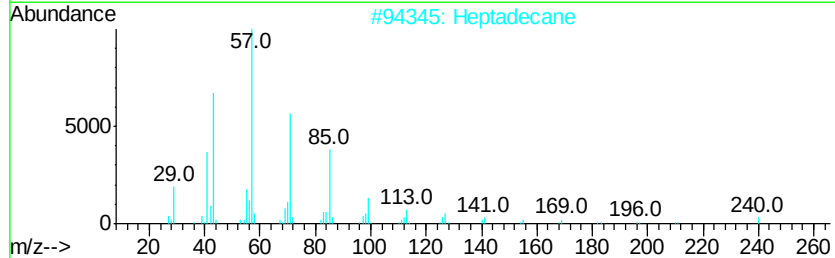
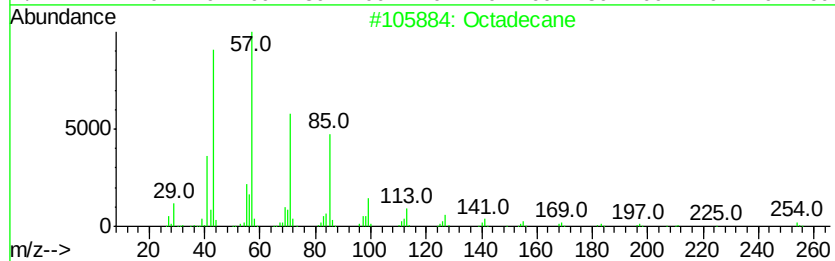
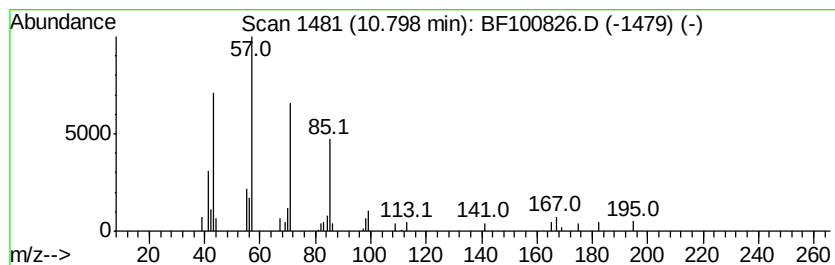
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Peak Number 4 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.80	3.75 ng	93948	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Heptacosane	380	C27H56	000593-49-7	86



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Operator : SJ/JU
Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-112017-B

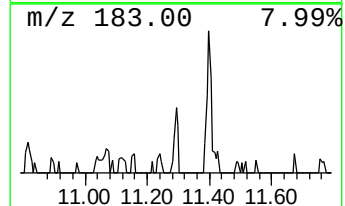
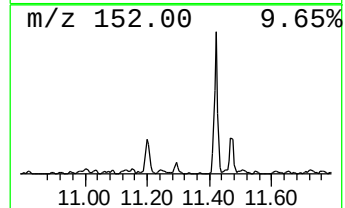
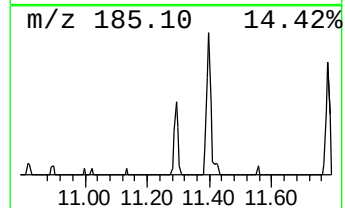
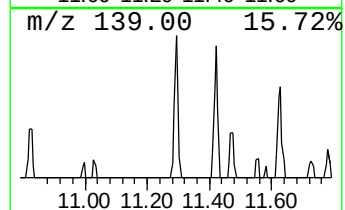
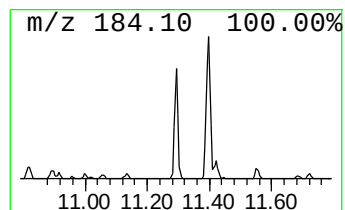
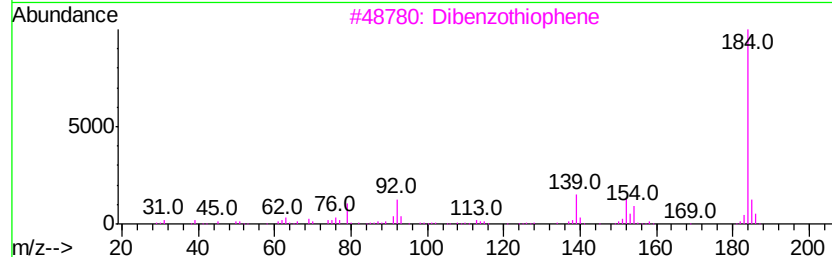
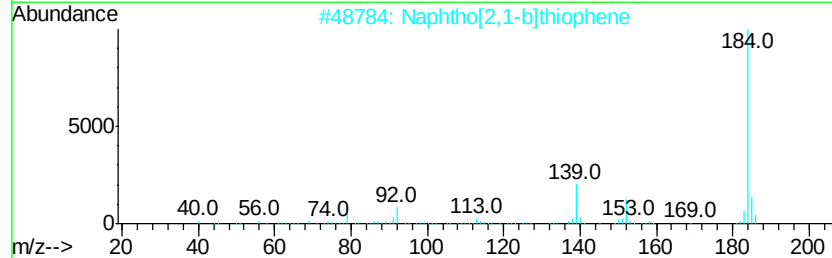
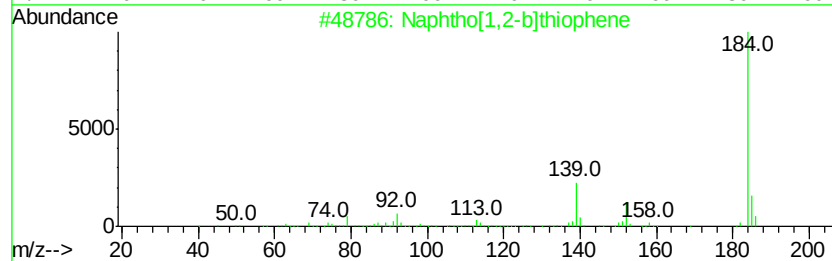
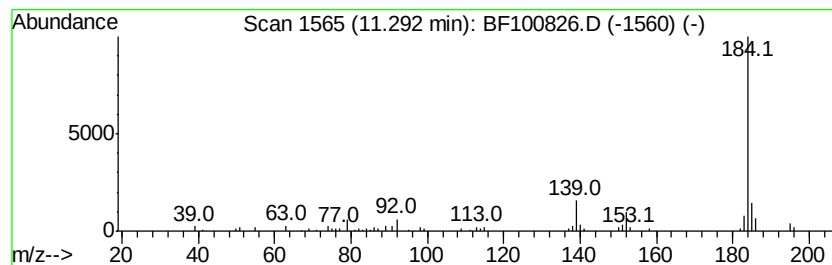
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.70 ng	67844	Phenanthrene-d10	11.40

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	94
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



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Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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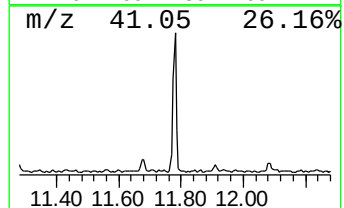
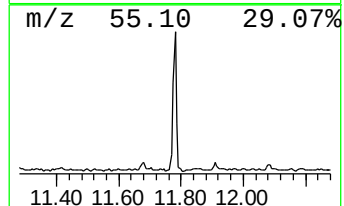
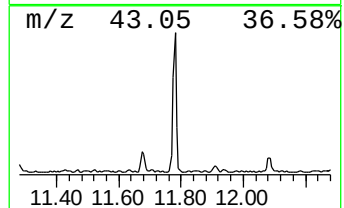
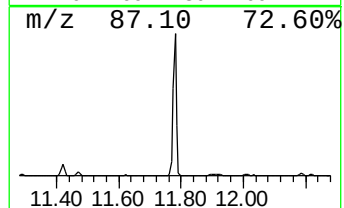
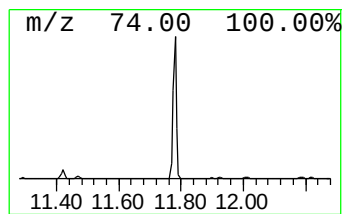
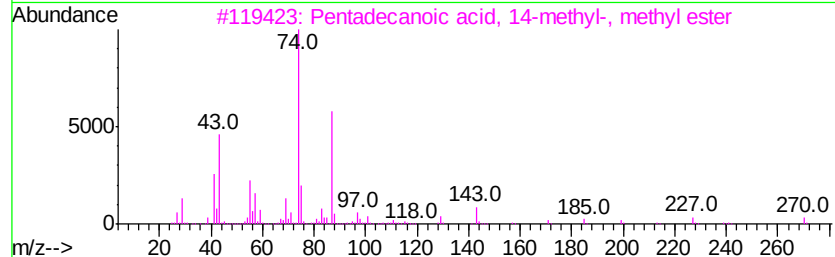
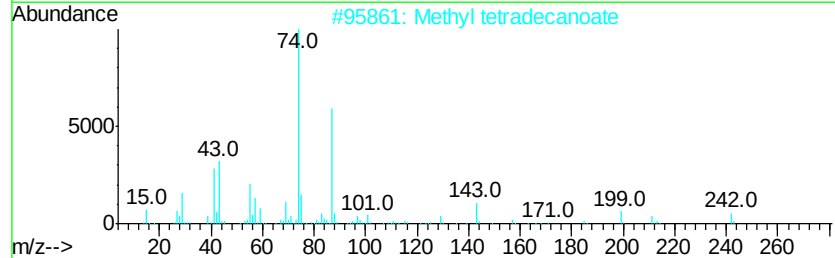
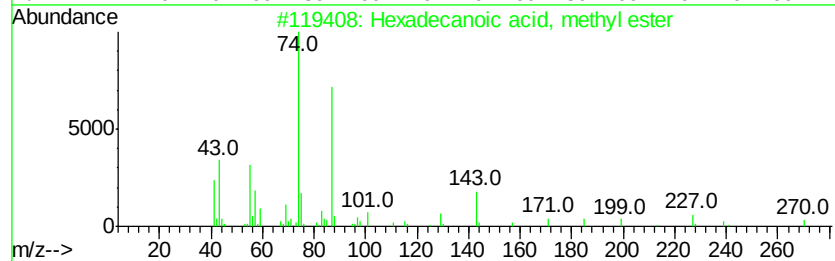
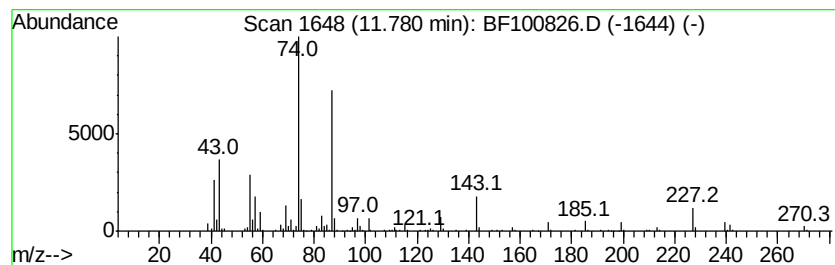
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	15.57 ng	390436	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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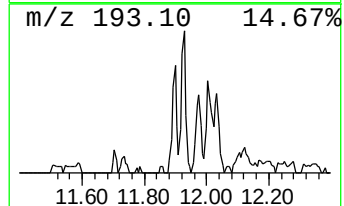
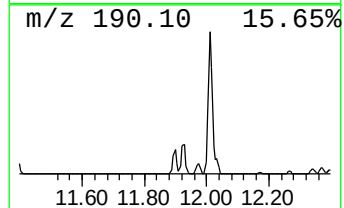
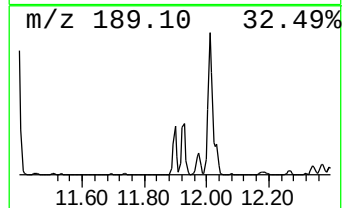
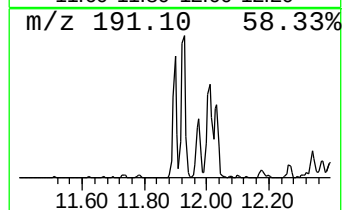
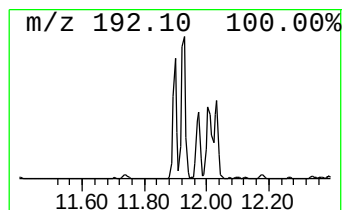
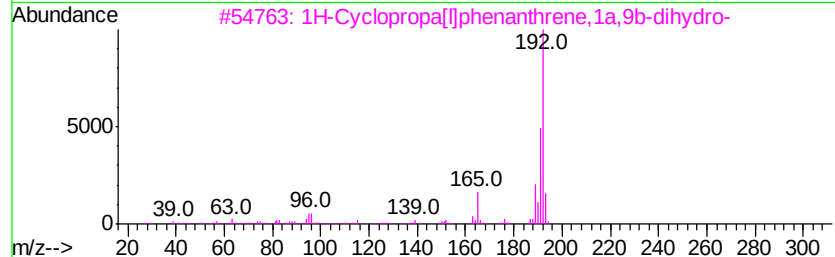
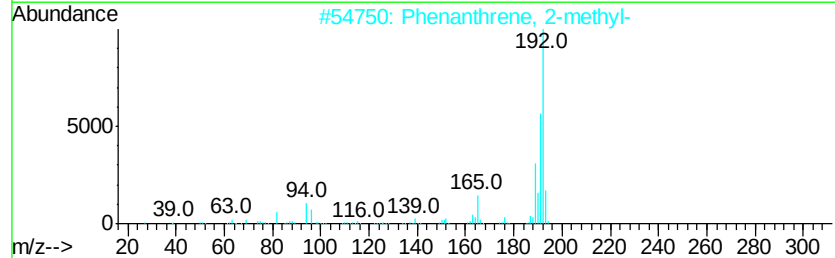
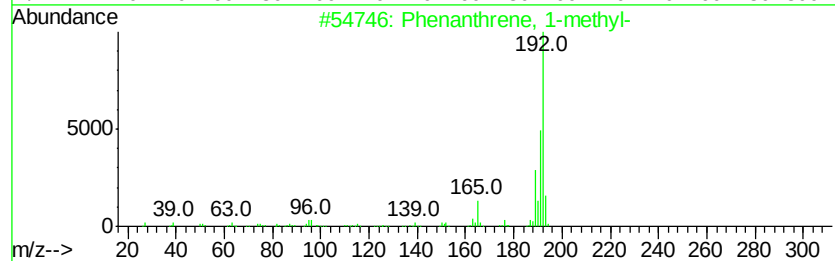
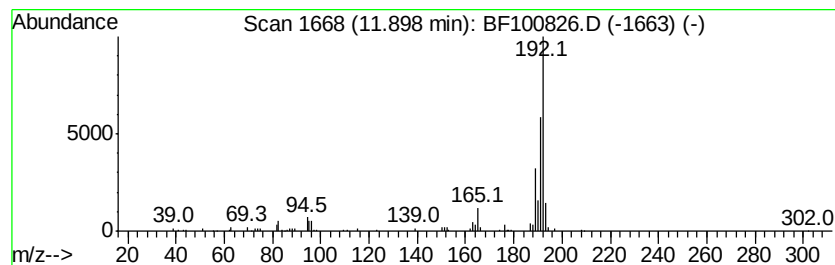
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.76 ng	119289	Phenanthrene-d10	11.40

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	95
3		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-112017-B

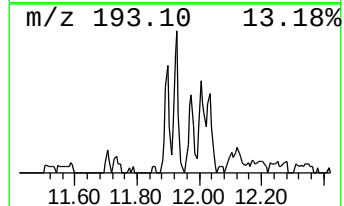
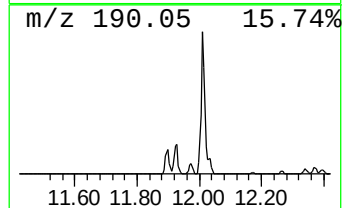
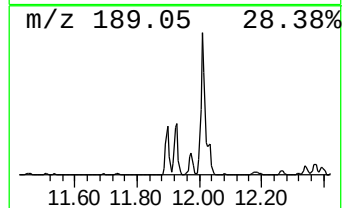
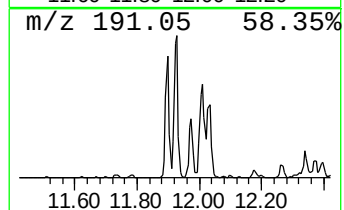
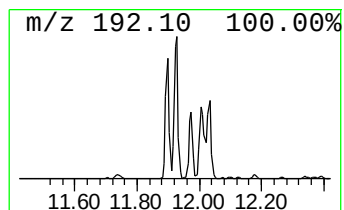
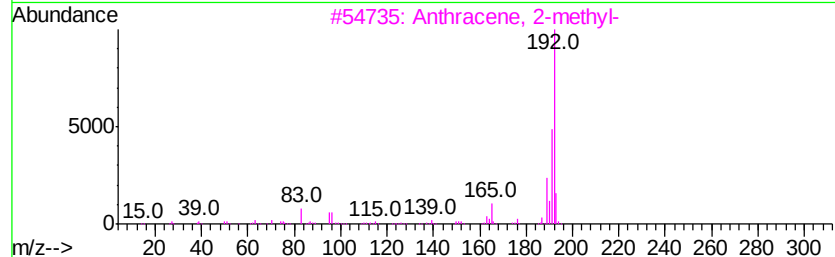
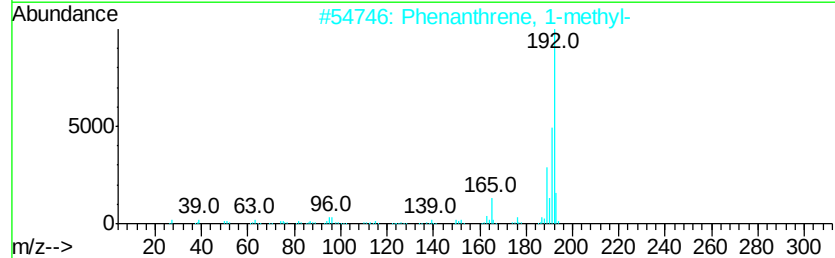
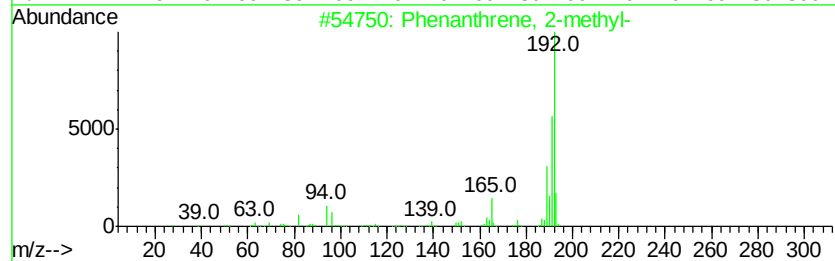
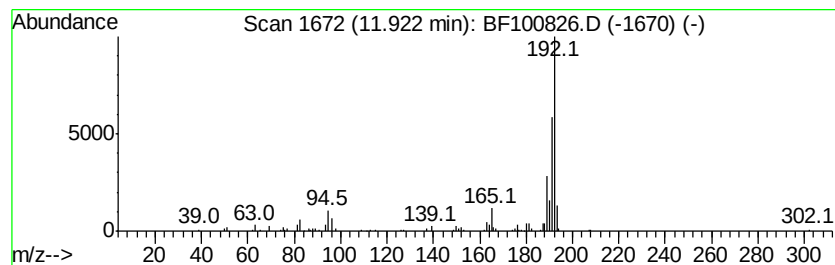
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.80 ng	145476	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
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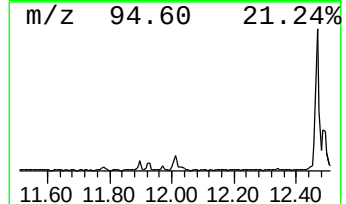
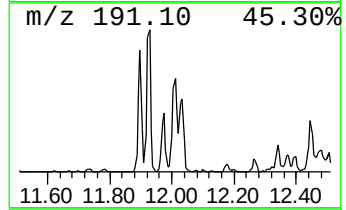
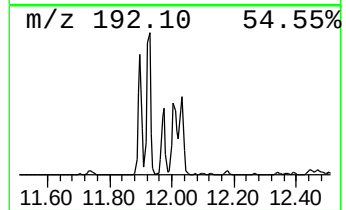
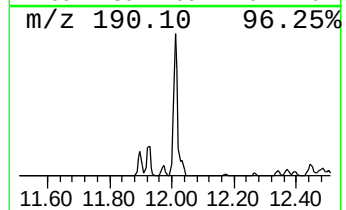
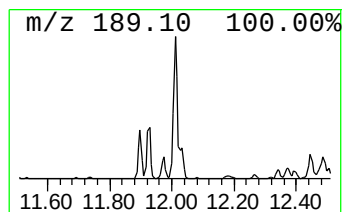
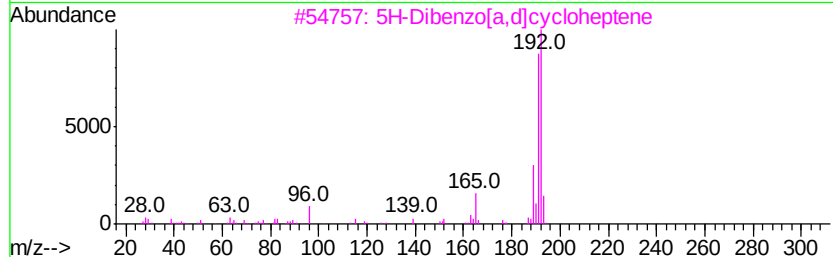
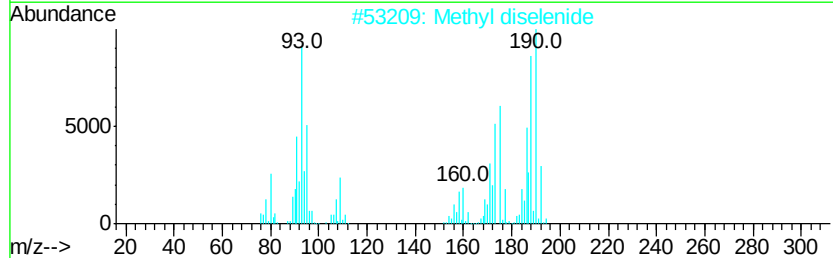
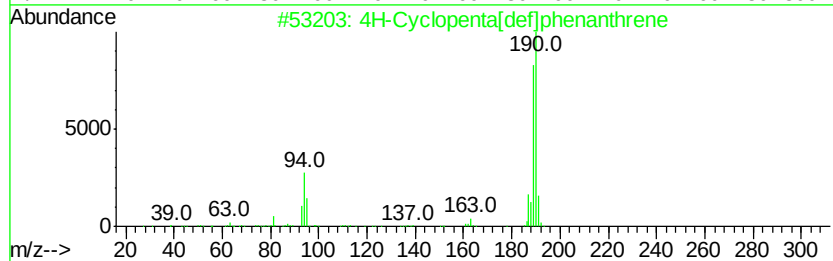
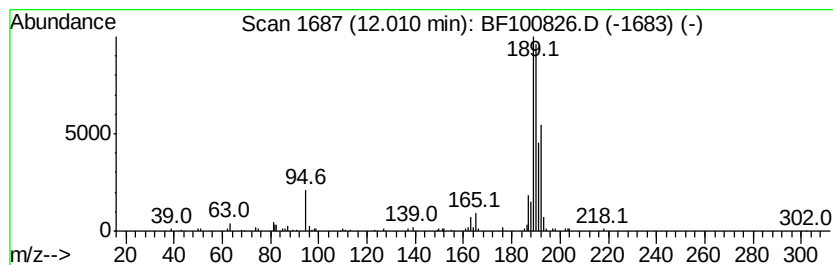
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.71 ng	168305	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Methyl diselenide	190	C2H6Se2	007101-31-7	41
3	5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	Megastigmatrienone	190	C13H18O	038818-55-2	18
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
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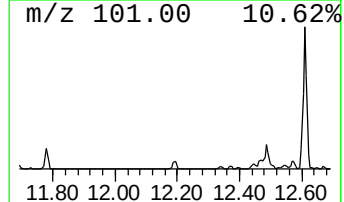
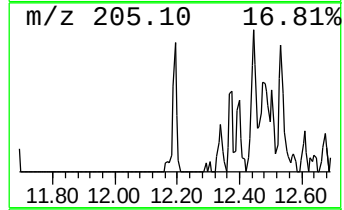
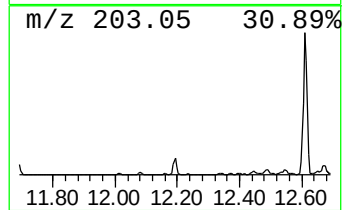
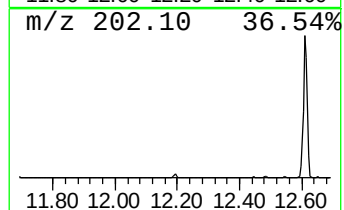
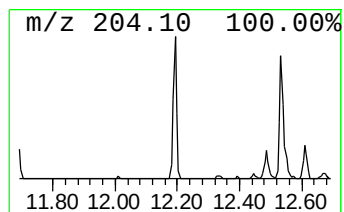
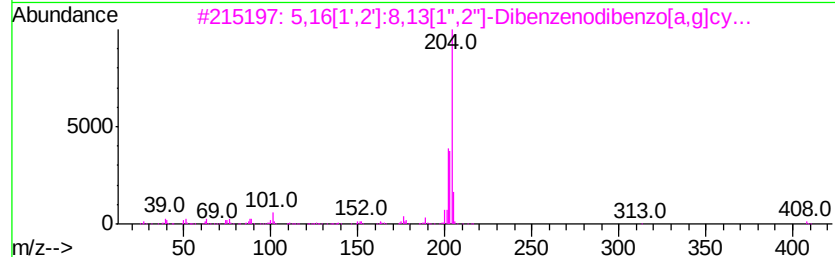
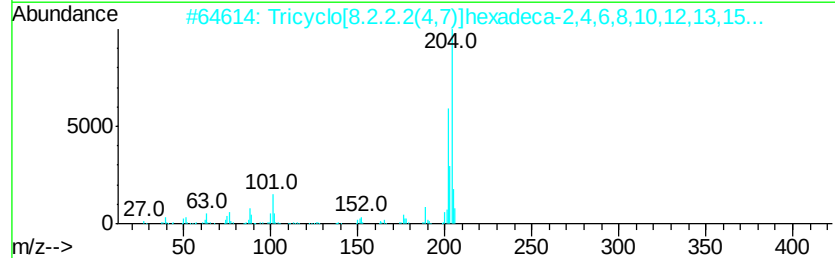
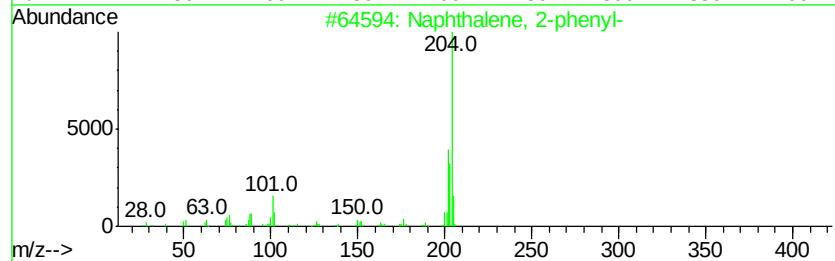
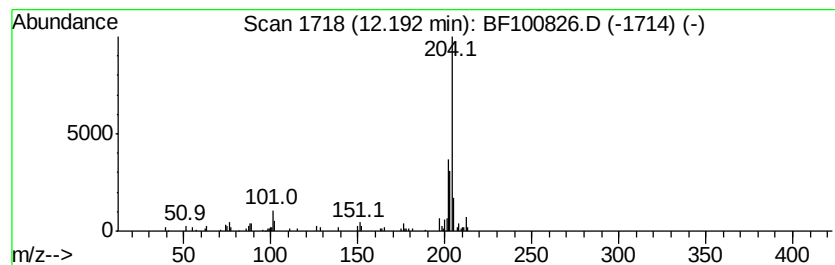
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.51 ng	62997	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3		5,16[1',2'1:8,13[1'',2'1]-Dibenz...	408	C32H24	005672-97-9	86
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
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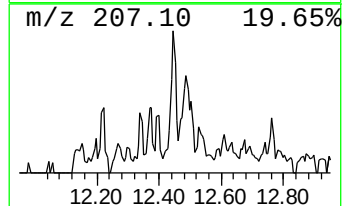
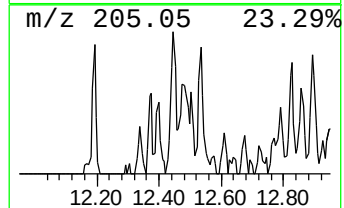
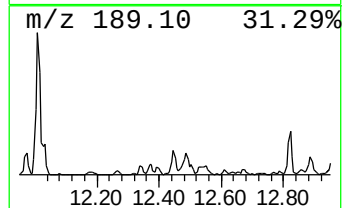
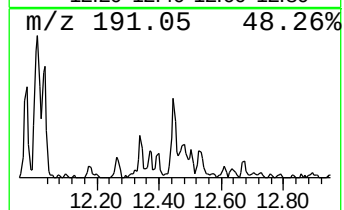
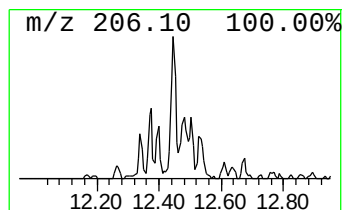
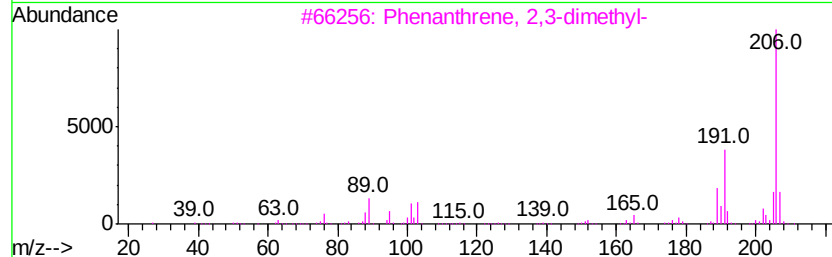
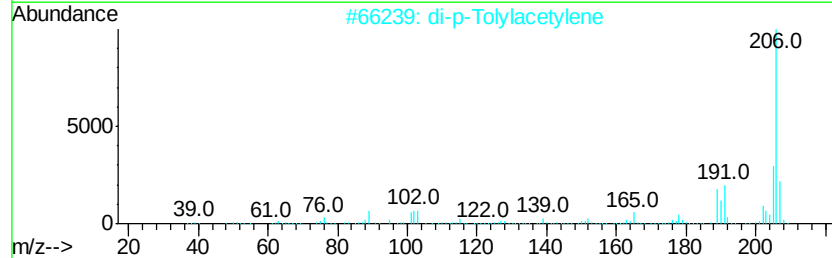
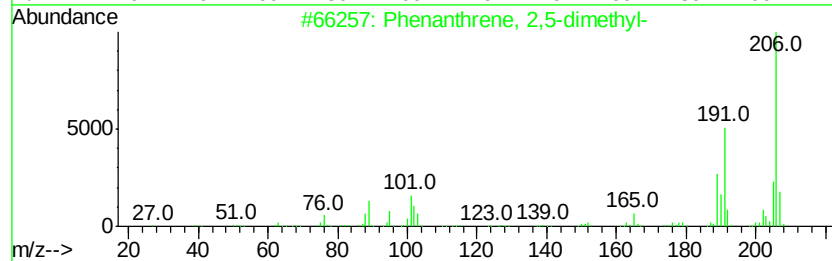
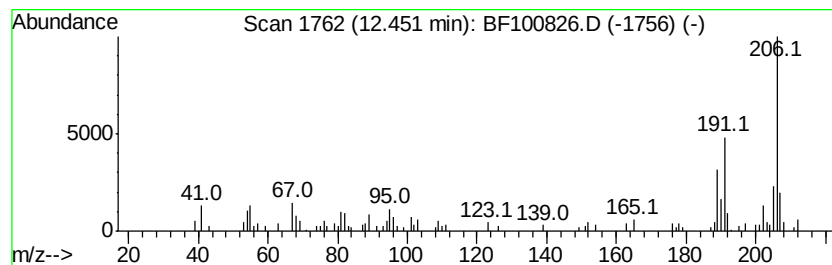
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.21 ng	80423	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100826.D
Acq On : 22 Nov 2017 15:06
Operator : SJ/JU
Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-112017-B

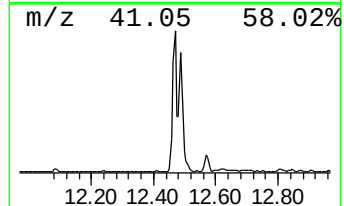
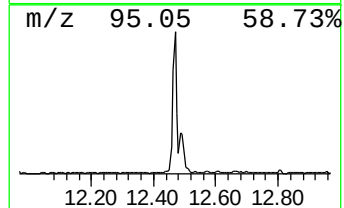
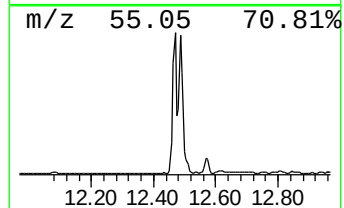
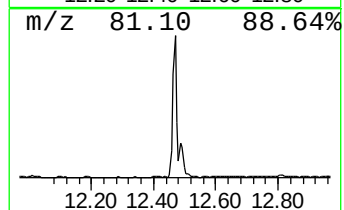
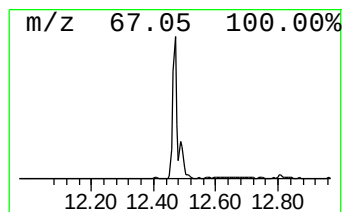
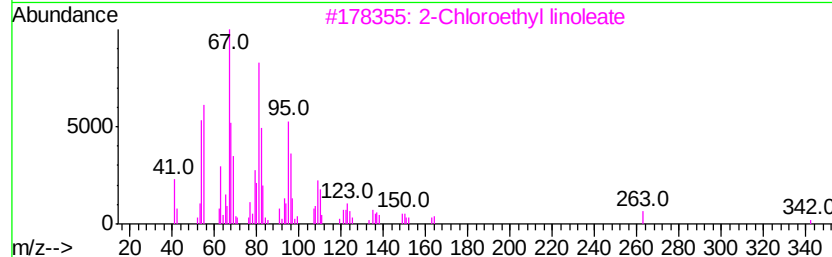
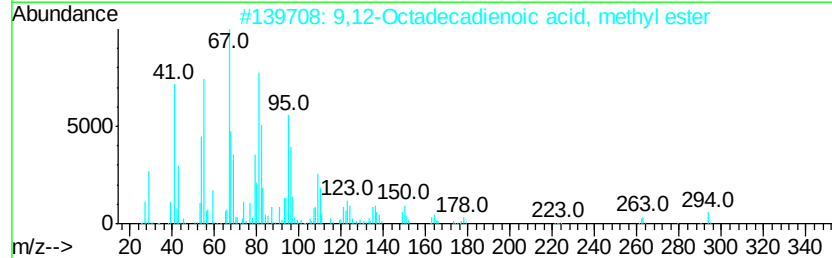
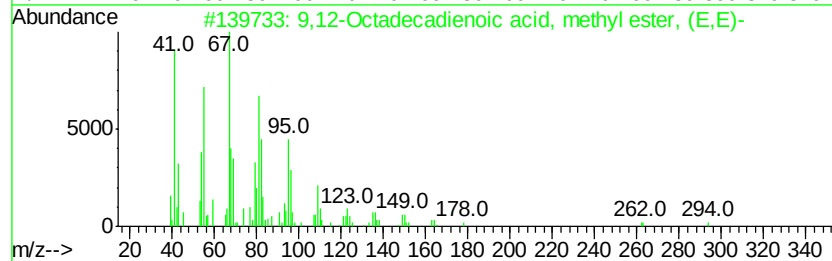
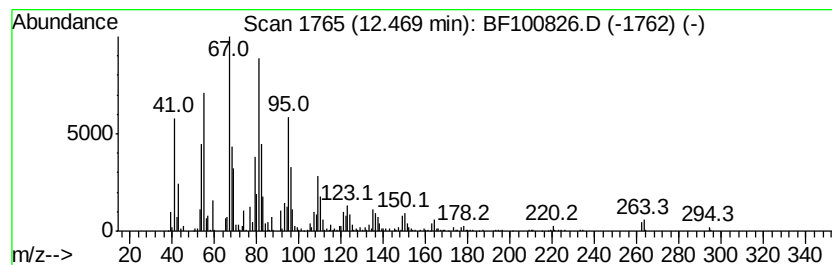
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.47	56.21 ng	1410000	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	95
4		9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100826.D
Acq On : 22 Nov 2017 15:06
Operator : SJ/JU
Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-112017-B

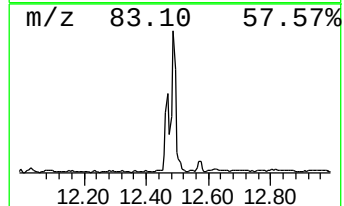
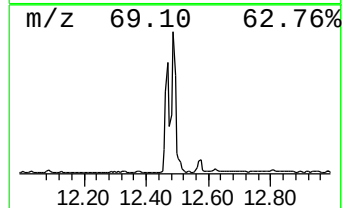
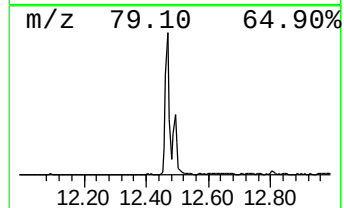
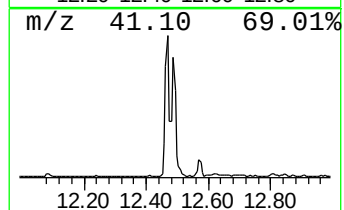
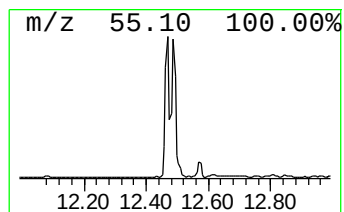
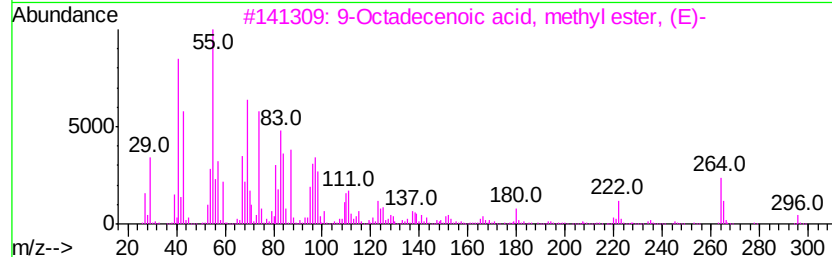
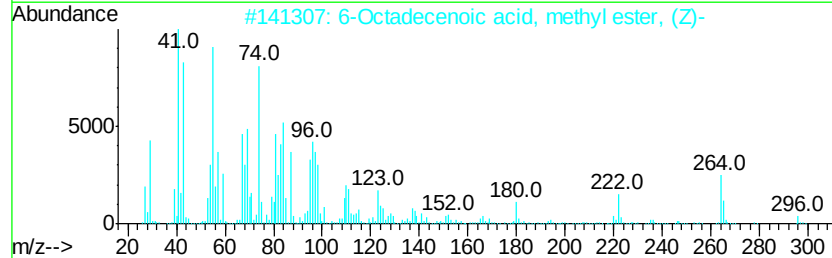
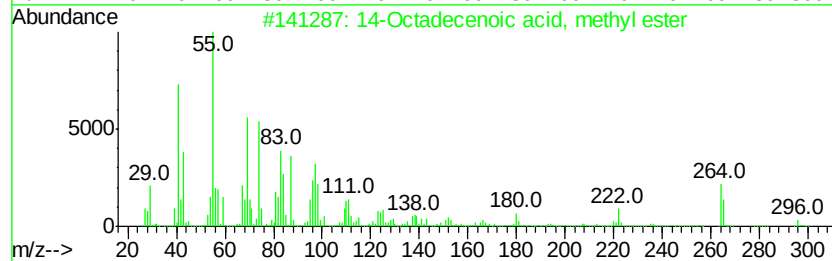
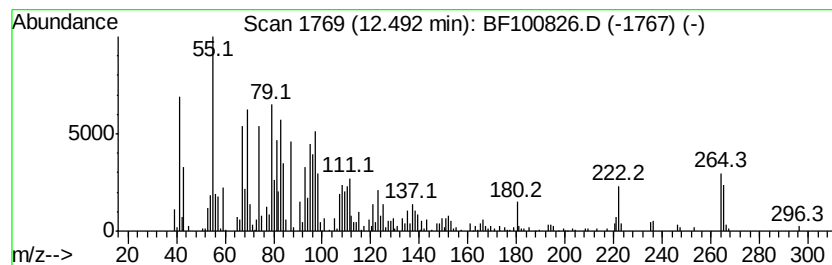
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 14-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	35.22 ng	883341	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2		6-Octadecenoic acid, methyl ester...	296	C19H36O2	002777-58-4	99
3		9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100826.D
Acq On : 22 Nov 2017 15:06
Operator : SJ/JU
Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-112017-B

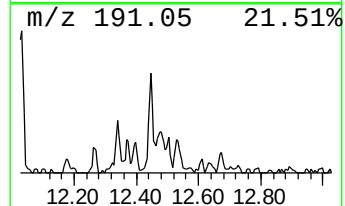
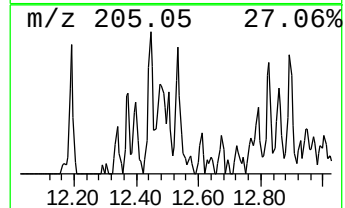
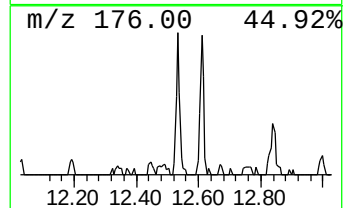
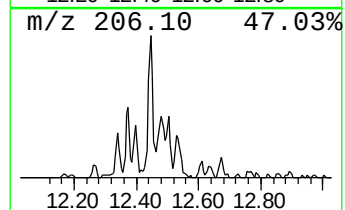
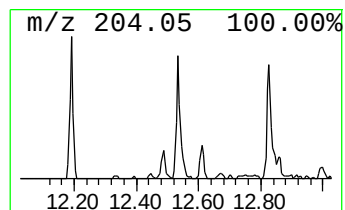
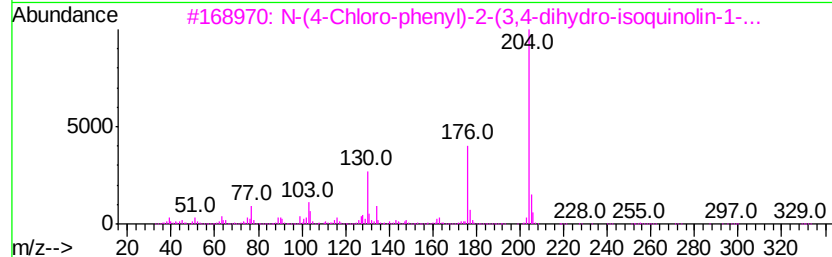
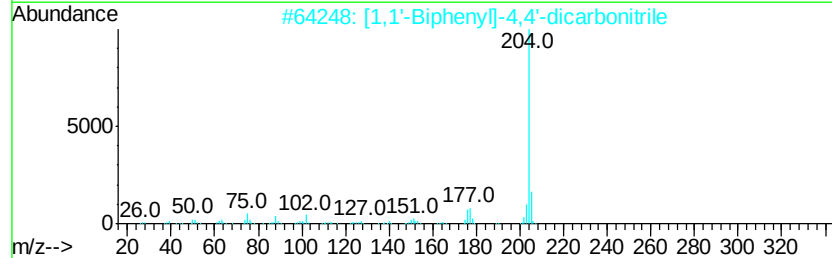
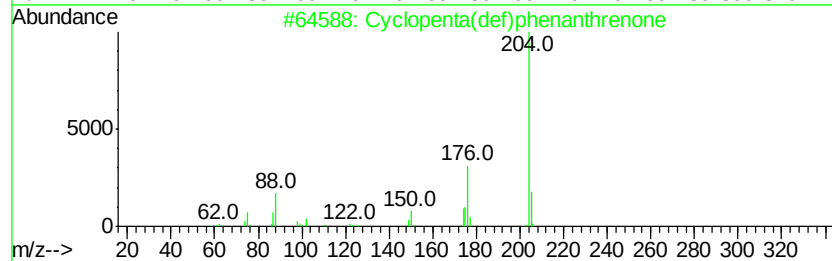
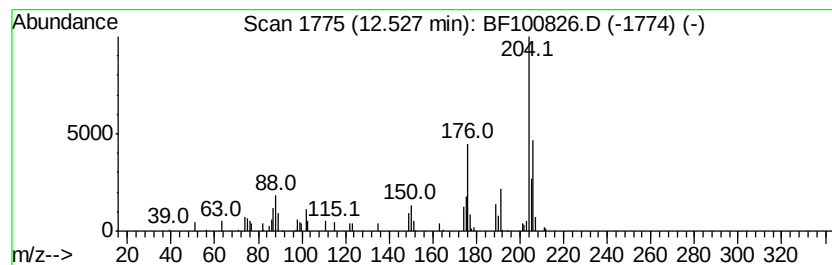
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.96 ng	74175	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	59
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100826.D
Acq On : 22 Nov 2017 15:06
Operator : SJ/JU
Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-112017-B

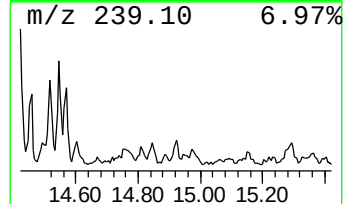
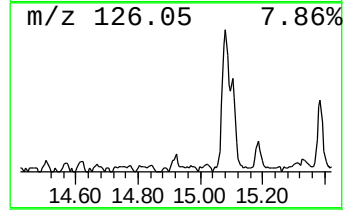
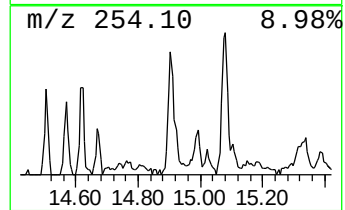
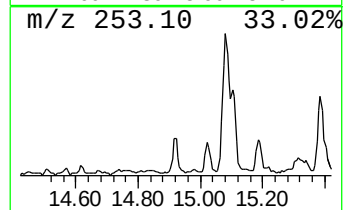
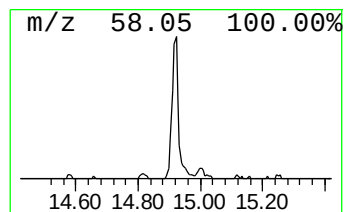
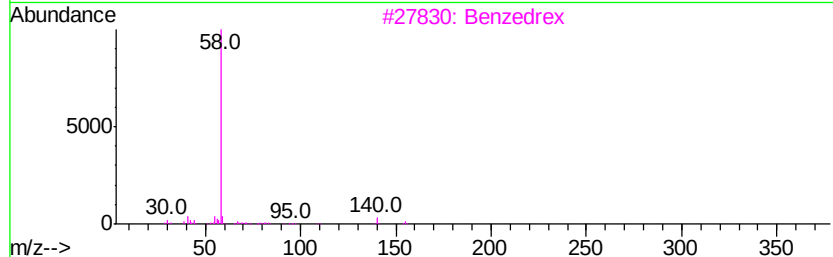
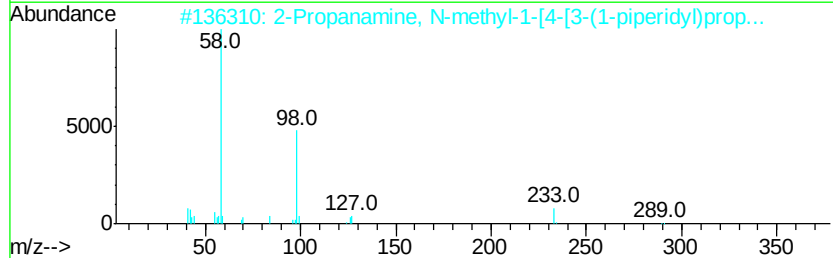
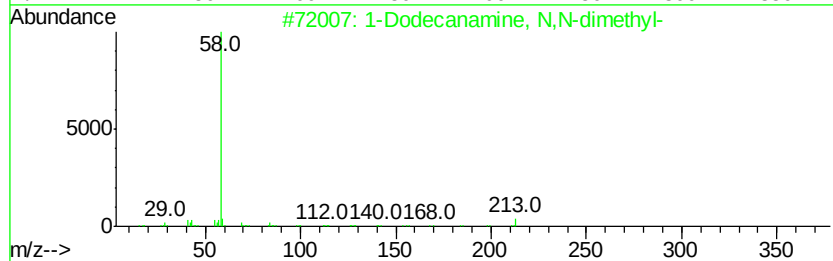
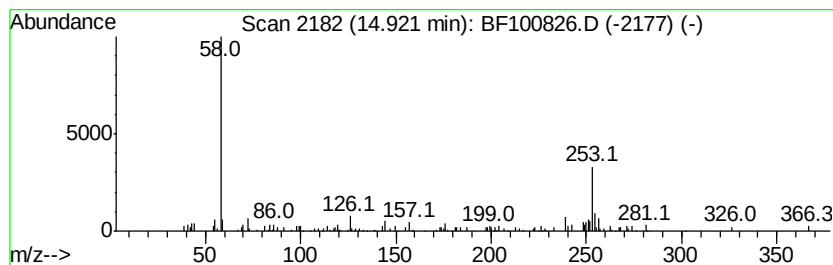
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.16 ng	91594	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	49
2			2-Propanamine, N-methyl-1-[4-[3-...	290	C18H30N2O	126002-12-8	47
3			Benzedrex	155	C10H21N	000101-40-6	47
4			Decane, -1,10-diamino, -N,N,N',N'-...	228	C14H32N2	001938-62-1	47
5			1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100826.D
Acq On : 22 Nov 2017 15:06
Operator : SJ/JU
Sample : I6305-13 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-112017-B

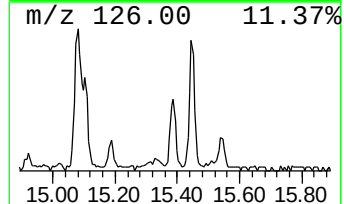
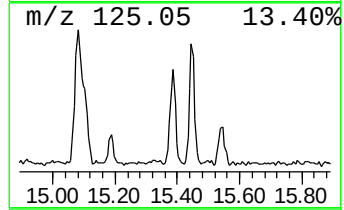
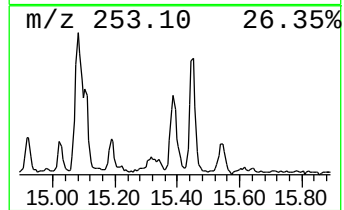
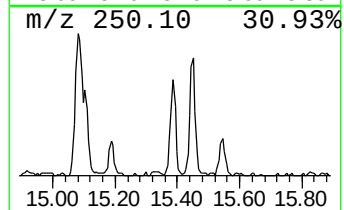
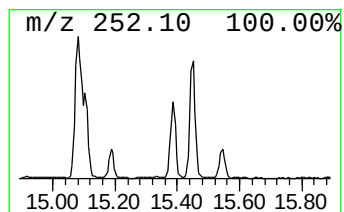
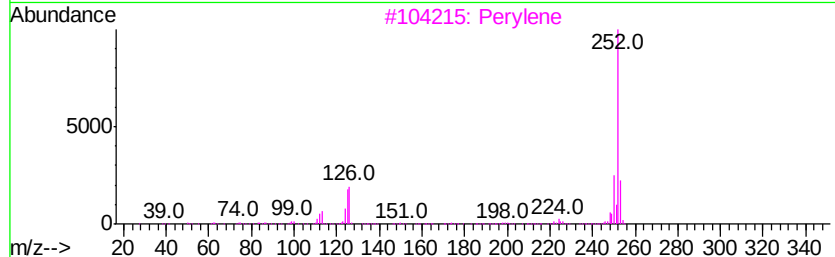
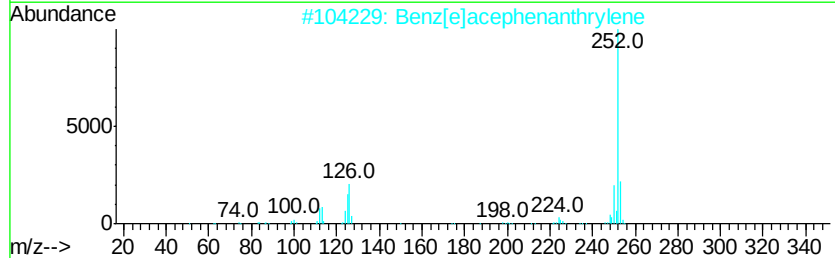
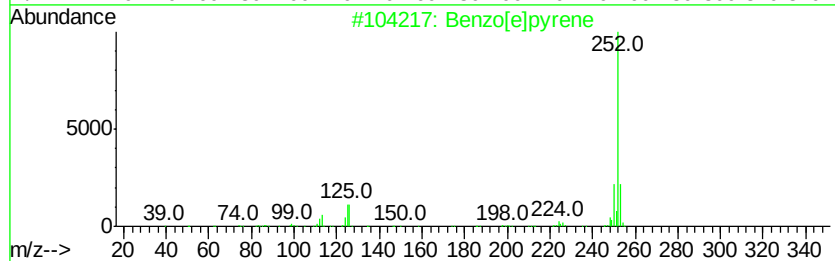
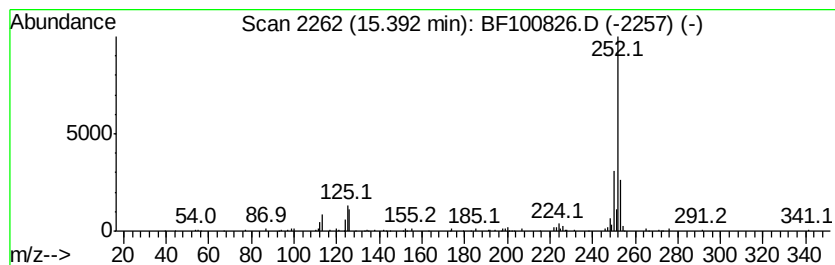
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	8.00 ng	176113	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
 Data File : BF100826.D
 Acq On : 22 Nov 2017 15:06
 Operator : SJ/JU
 Sample : I6305-13 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-112017-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
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Tridecane	9.83	2.5	ng	72740	3	9.91	575360	20.0
Octadecane	10.80	3.8	ng	93948	4	11.40	501667	20.0
Naphtho[1,2-b]thi...	11.29	2.7	ng	67844	4	11.40	501667	20.0
Hexadecanoic acid...	11.78	15.6	ng	390436	4	11.40	501667	20.0
Phenanthrene, 1-m...	11.90	4.8	ng	119289	4	11.40	501667	20.0
Phenanthrene, 2-m...	11.92	5.8	ng	145476	4	11.40	501667	20.0
4H-Cyclopenta[def...	12.01	6.7	ng	168305	4	11.40	501667	20.0
Naphthalene, 2-ph...	12.19	2.5	ng	62997	4	11.40	501667	20.0
Phenanthrene, 2,5...	12.45	3.2	ng	80423	4	11.40	501667	20.0
9,12-Octadecadien...	12.47	56.2	ng	1410000	4	11.40	501667	20.0
14-Octadecenoic a...	12.49	35.2	ng	883341	4	11.40	501667	20.0
Cyclopenta(def)ph...	12.53	3.0	ng	74175	4	11.40	501667	20.0
unknown14.92	14.92	4.2	ng	91594	6	15.52	440032	20.0
Benzo[e]pyrene	15.39	8.0	ng	176113	6	15.52	440032	20.0