

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102919\
 Data File : BF117595.D
 Acq On : 29 Oct 2019 17:11
 Operator : JU
 Sample : K5540-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 158-30-(0-1)

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-BF101819.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	5.357	552	556	585	rBV	517074	760402	87.16%	8.202%
2	6.386	727	731	748	rBV	635555	851078	97.56%	9.180%
3	6.504	748	751	766	rVB	936847	872402	100.00%	9.410%
4	6.728	786	789	800	rVB	249675	233132	26.72%	2.515%
5	6.880	812	815	830	rBV	591893	573201	65.70%	6.183%
6	7.292	882	885	913	rBV	388779	491098	56.29%	5.297%
7	8.010	1004	1007	1022	rBV	228838	273509	31.35%	2.950%
8	9.080	1186	1189	1201	rBV	591584	564674	64.73%	6.091%
9	9.480	1254	1257	1267	rVB	53550	54680	6.27%	0.590%
10	9.763	1301	1305	1309	rBV	255741	261207	29.94%	2.818%
11	9.792	1309	1310	1317	rVB	19160	16469	1.89%	0.178%
12	10.316	1395	1399	1405	rBV	17048	18853	2.16%	0.203%
13	10.557	1436	1440	1455	rBV	290379	337480	38.68%	3.640%
14	11.145	1536	1540	1546	rBB	8817	8954	1.03%	0.097%
15	11.245	1554	1557	1559	rBV	237038	214447	24.58%	2.313%
16	11.274	1559	1562	1567	rVV	253765	268622	30.79%	2.898%
17	11.327	1567	1571	1577	rVB	46832	54272	6.22%	0.585%
18	11.498	1596	1600	1605	rBV2	17560	23010	2.64%	0.248%
19	11.751	1640	1643	1645	rBV	25760	21811	2.50%	0.235%
20	11.780	1645	1648	1654	rVB2	41268	47875	5.49%	0.516%
21	11.833	1654	1657	1659	rBV	9808	10115	1.16%	0.109%
22	11.863	1659	1662	1665	rBV	37189	40515	4.64%	0.437%
23	12.045	1690	1693	1698	rVB	17973	14162	1.62%	0.153%
24	12.298	1733	1736	1739	rBV	15301	16856	1.93%	0.182%
25	12.398	1749	1753	1759	rVB3	10693	15066	1.73%	0.163%
26	12.463	1760	1764	1770	rBV	424146	381748	43.76%	4.118%
27	12.615	1787	1790	1793	rBV	14830	14093	1.62%	0.152%
28	12.692	1797	1803	1810	rVV	367259	385806	44.22%	4.162%
29	12.745	1810	1812	1817	rVB	15390	14714	1.69%	0.159%
30	12.827	1822	1826	1830	rVV	525282	441432	50.60%	4.762%
31	12.862	1830	1832	1836	rVV2	12423	13553	1.55%	0.146%
32	12.910	1836	1840	1846	rVB3	17987	29073	3.33%	0.314%
33	12.998	1852	1855	1856	rBV3	14303	14069	1.61%	0.152%
34	13.021	1857	1859	1863	rVV	34522	36406	4.17%	0.393%

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35	13.086	1867	1870	1873	rVV	25447	23633	2.71%	0.255%
36	13.127	1873	1877	1881	rVV2	25951	30971	3.55%	0.334%
37	13.221	1890	1893	1896	rBV	12745	12728	1.46%	0.137%
38	13.251	1896	1898	1902	rBV2	14737	15327	1.76%	0.165%
39	13.545	1944	1948	1953	rVB	18948	22284	2.55%	0.240%
40	13.645	1960	1965	1967	rBV2	24634	30917	3.54%	0.333%
41	13.668	1967	1969	1971	rVV	26012	21655	2.48%	0.234%
42	13.698	1971	1974	1975	rVV	20953	19249	2.21%	0.208%
43	13.721	1975	1978	1980	rVV3	23607	33883	3.88%	0.365%
44	13.751	1981	1983	1988	rVB3	32394	40388	4.63%	0.436%
45	13.892	1999	2007	2010	rBV2	304327	456648	52.34%	4.926%
46	13.921	2010	2012	2018	rVB	157737	146921	16.84%	1.585%
47	13.998	2023	2025	2029	rVB	28862	25622	2.94%	0.276%
48	14.039	2029	2032	2034	rBV3	17432	17606	2.02%	0.190%
49	14.062	2034	2036	2040	rVB3	7192	9075	1.04%	0.098%
50	14.115	2040	2045	2046	rBV4	10165	17020	1.95%	0.184%
51	14.286	2069	2074	2077	rBV	30960	36008	4.13%	0.388%
52	14.315	2077	2079	2081	rVV2	11716	9598	1.10%	0.104%
53	14.345	2081	2084	2088	rVV3	19260	21461	2.46%	0.231%
54	14.639	2126	2134	2137	rBV3	28247	44883	5.14%	0.484%
55	14.709	2142	2146	2148	rVB5	9740	12117	1.39%	0.131%
56	14.774	2153	2157	2160	rBV4	14878	21040	2.41%	0.227%
57	14.921	2178	2182	2185	rBV	126939	170444	19.54%	1.839%
58	14.951	2185	2187	2193	rVV2	67243	88416	10.13%	0.954%
59	15.027	2197	2200	2207	rVB	24690	32069	3.68%	0.346%
60	15.121	2211	2216	2219	rBV4	8582	16407	1.88%	0.177%
61	15.209	2227	2231	2236	rBV	59808	71415	8.19%	0.770%
62	15.274	2238	2242	2245	rBV	92747	98210	11.26%	1.059%
63	15.327	2245	2251	2255	rBV	110122	150108	17.21%	1.619%
64	15.503	2277	2281	2283	rBV5	9480	12214	1.40%	0.132%
65	15.551	2287	2289	2294	rVB5	7798	11350	1.30%	0.122%
66	15.715	2314	2317	2321	rVB2	17665	23288	2.67%	0.251%
67	16.180	2393	2396	2400	rBV6	8670	11964	1.37%	0.129%
68	16.550	2455	2459	2462	rBV6	8287	11093	1.27%	0.120%
69	16.750	2487	2493	2499	rVB3	30320	62263	7.14%	0.672%
70	16.980	2526	2532	2535	rBV8	9682	18522	2.12%	0.200%
71	17.174	2561	2565	2573	rBV3	22057	48973	5.61%	0.528%

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Sum of corrected areas: 9270554

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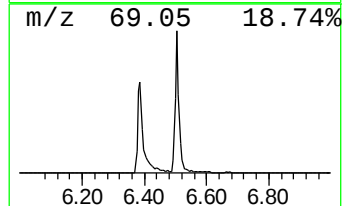
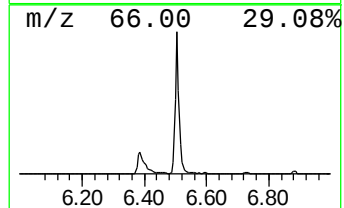
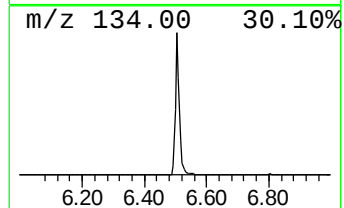
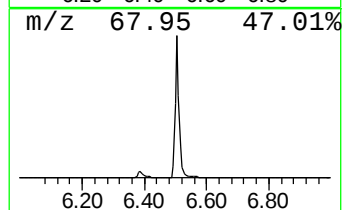
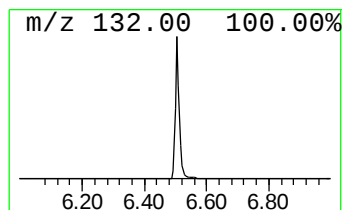
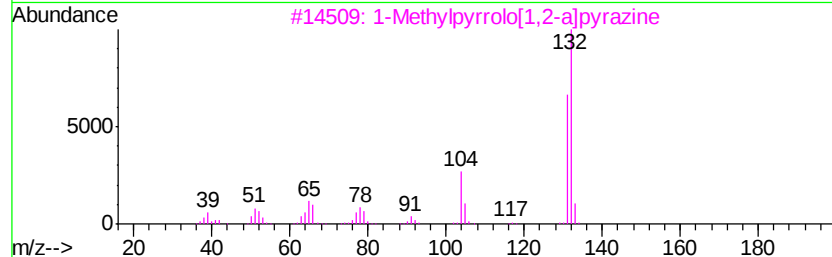
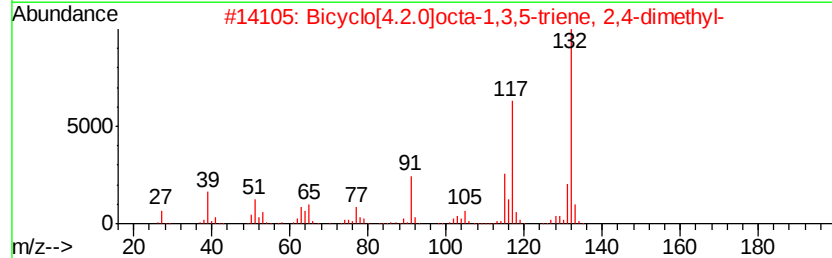
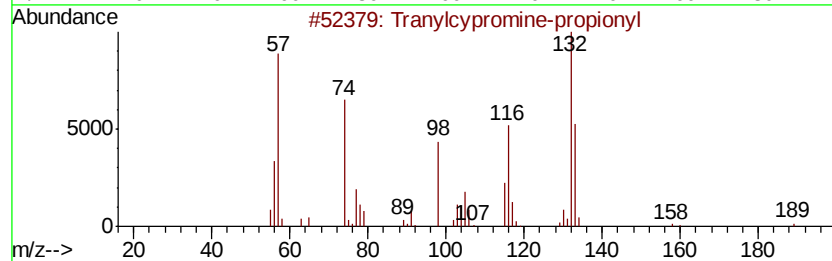
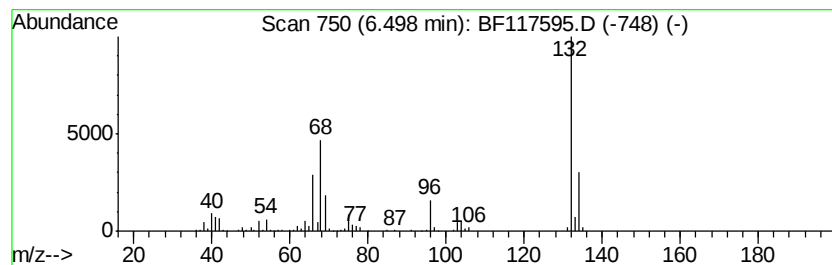
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	74.84 ng	872402	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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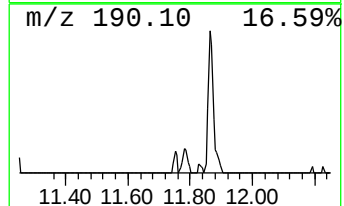
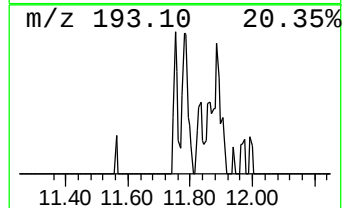
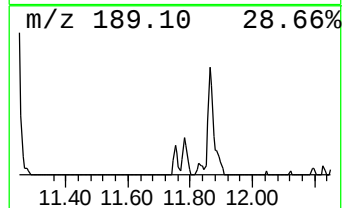
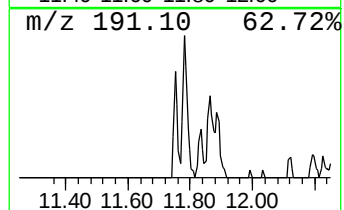
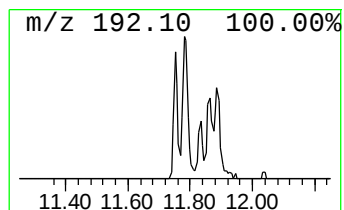
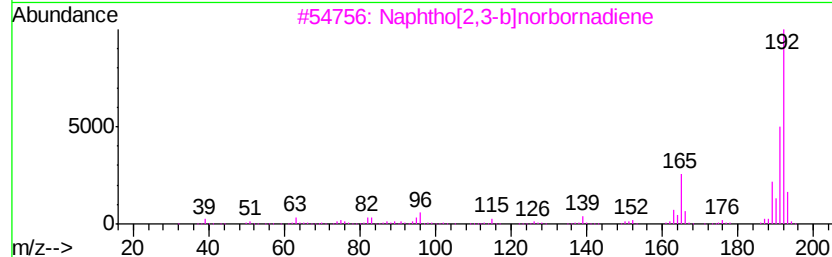
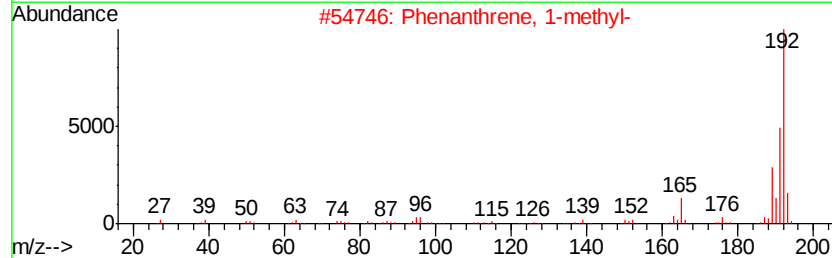
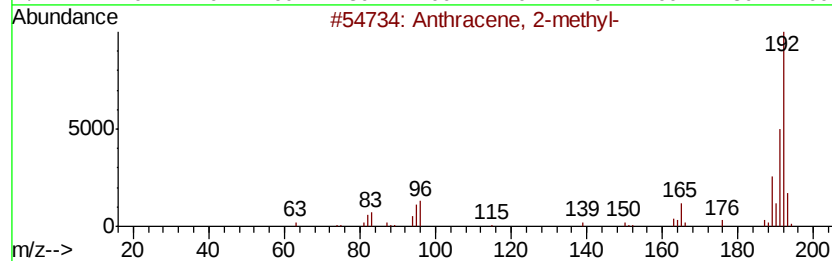
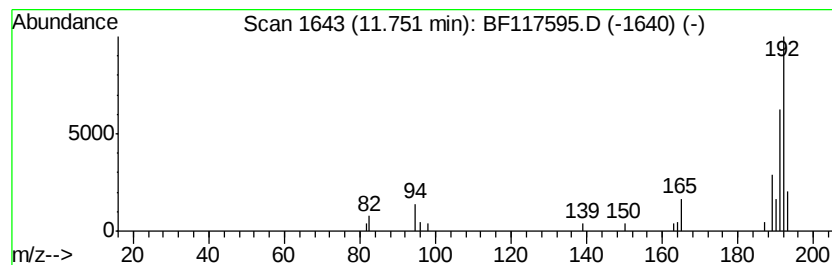
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.03 ng	21811	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



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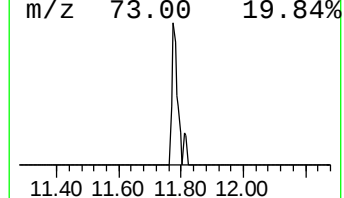
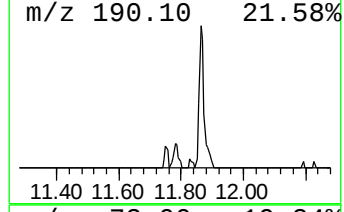
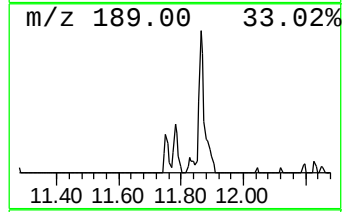
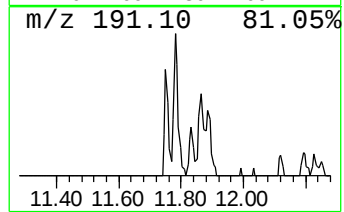
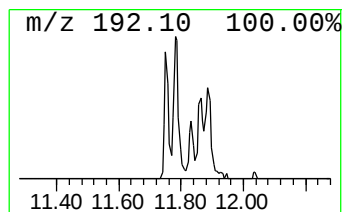
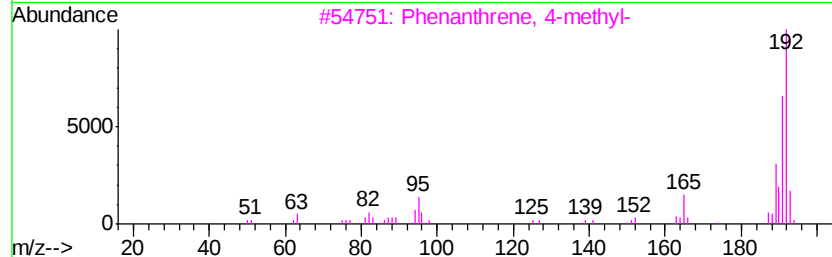
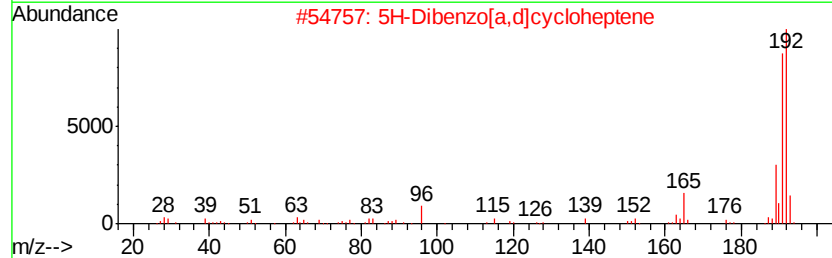
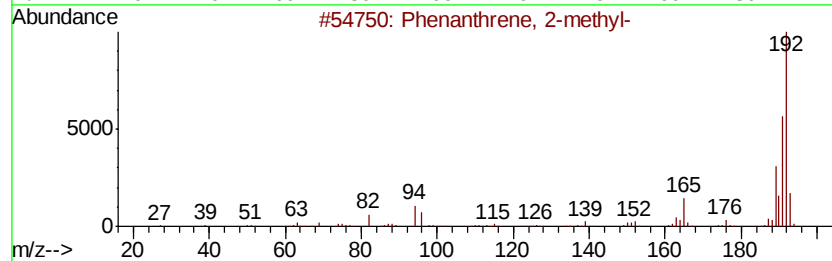
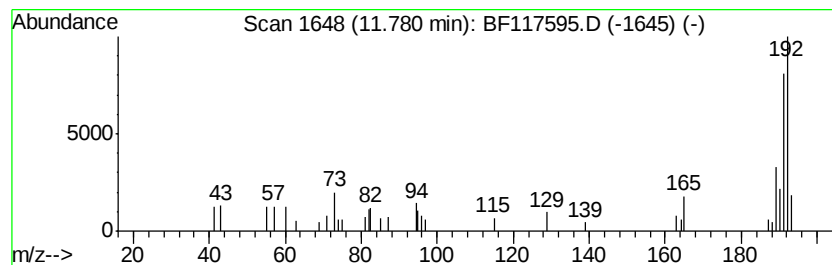
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	4.46 ng	47875	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	70
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68



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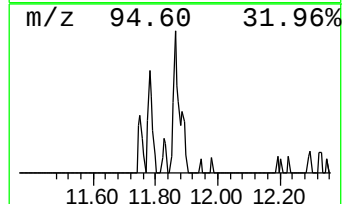
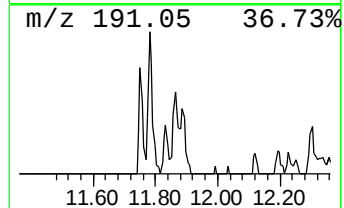
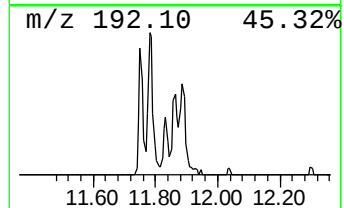
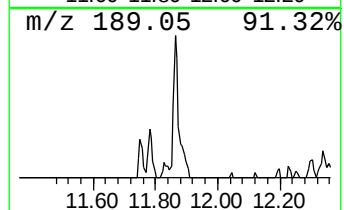
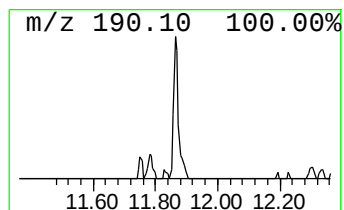
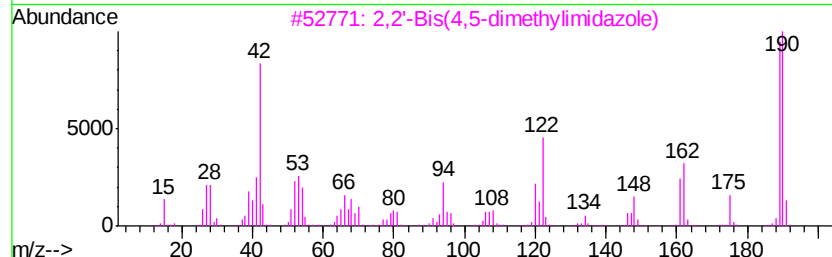
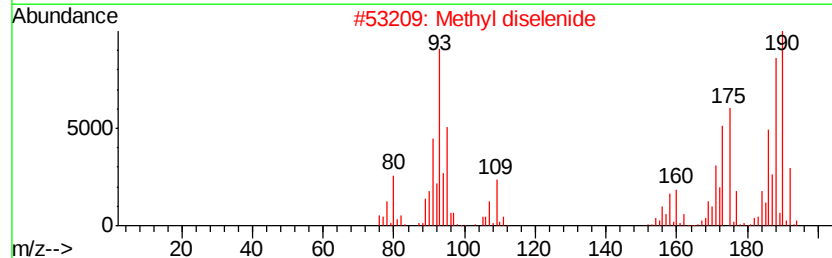
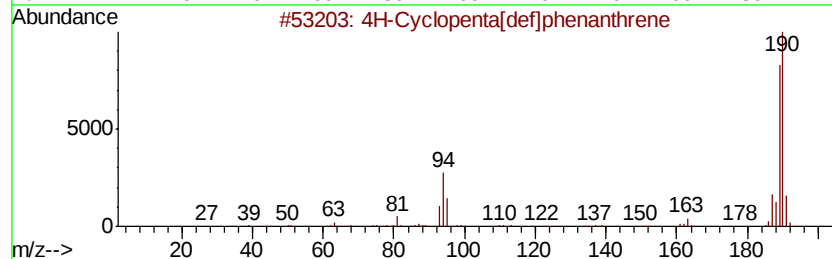
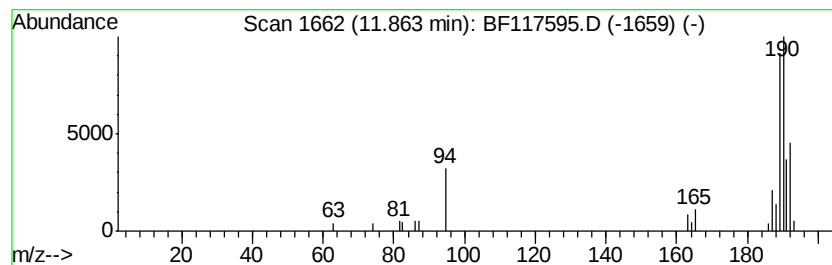
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TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	3.78 ng	40515	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	28
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16



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Data File : BF117595.D
Acq On : 29 Oct 2019 17:11
Operator : JU
Sample : K5540-13
Misc :
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ClientSampleId :
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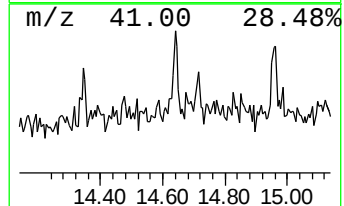
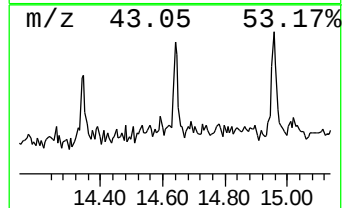
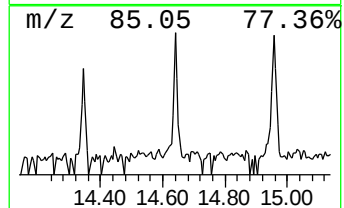
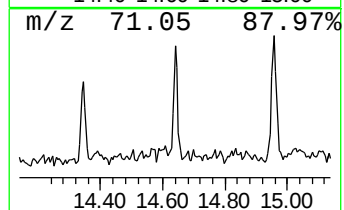
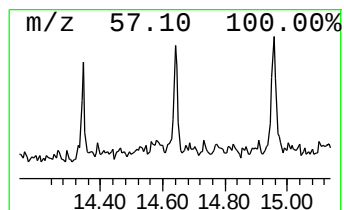
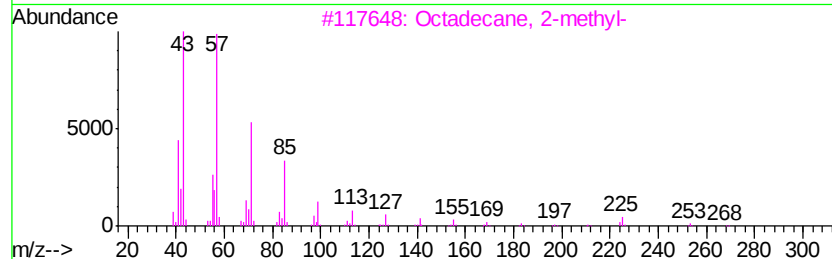
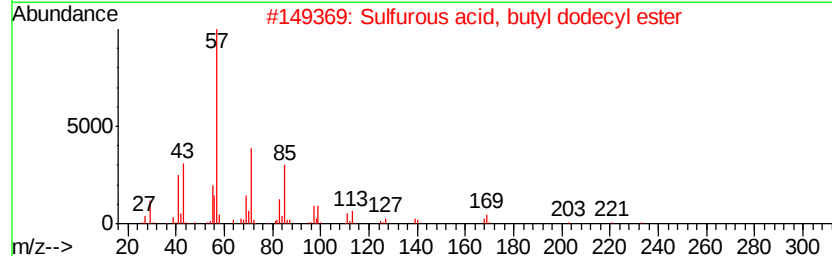
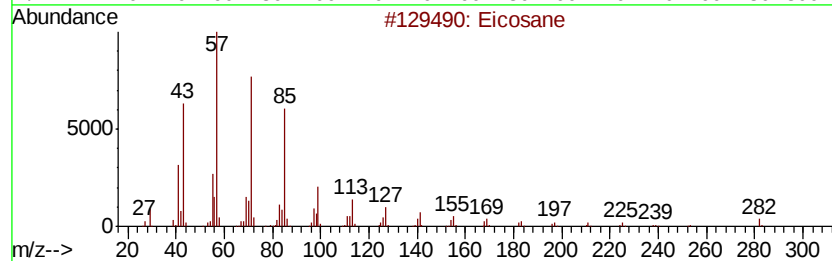
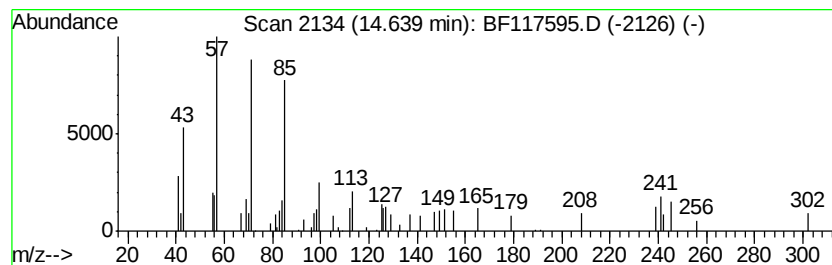
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.98 ng	44883	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	64
2	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	64
3	Octadecane, 2-methyl-		268	C19H40	001560-88-9	59
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	59
5	Tridecane, 3-methyl-		198	C14H30	006418-41-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117595.D
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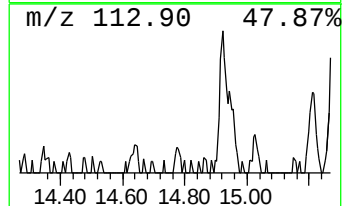
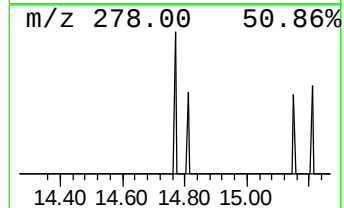
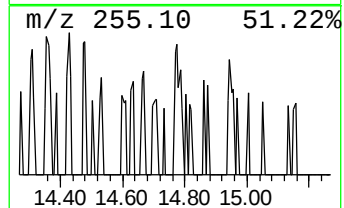
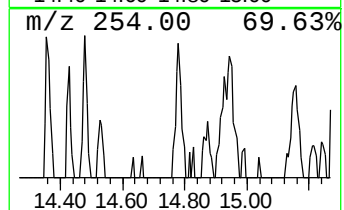
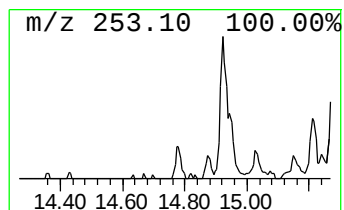
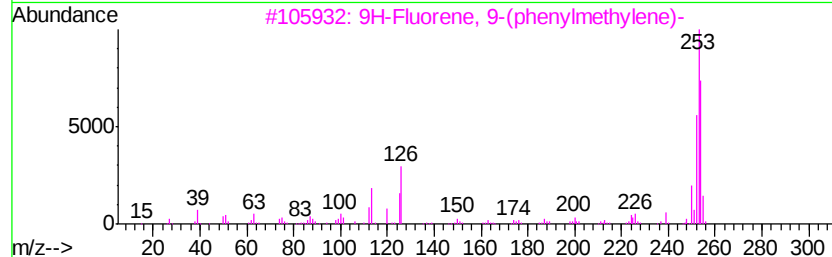
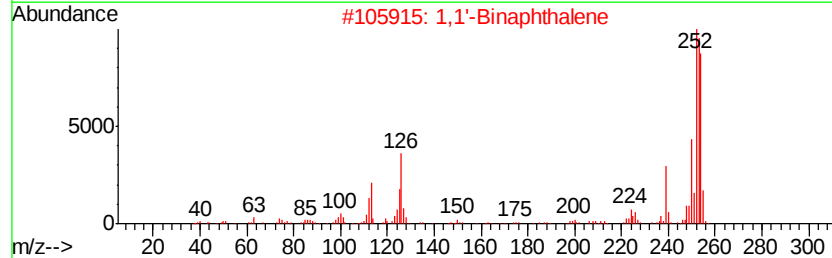
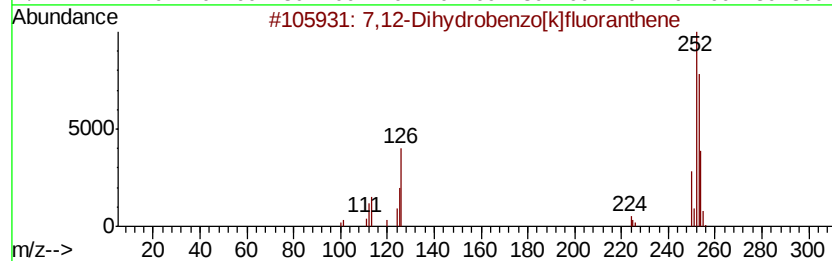
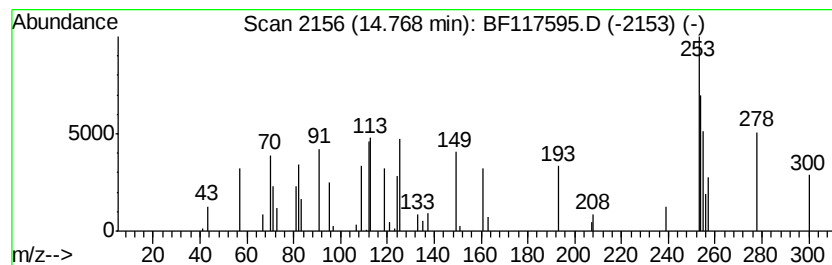
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.80 ng	21040	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	53
2		1,1'-Binaphthalene	254	C20H14	000604-53-5	53
3		9H-Fluorene, 9-(phenylmethyl)-	254	C20H14	001836-87-9	52
4		4,4'-Biazulenvyl	254	C20H14	094053-54-0	52
5		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117595.D
Acq On : 29 Oct 2019 17:11
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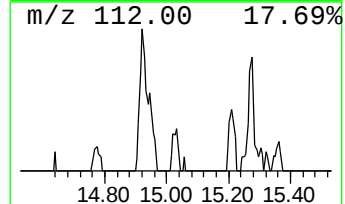
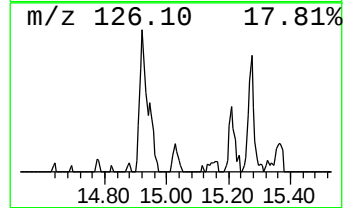
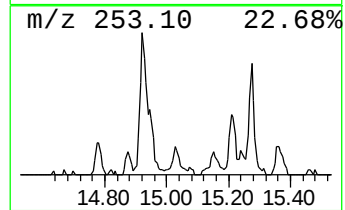
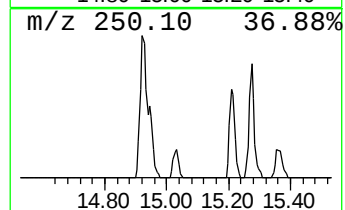
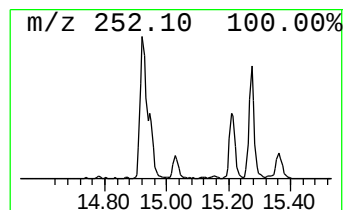
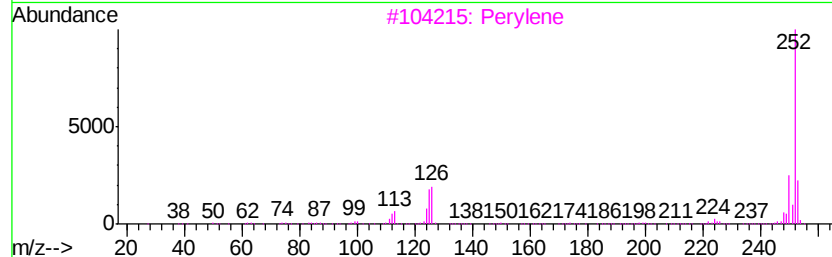
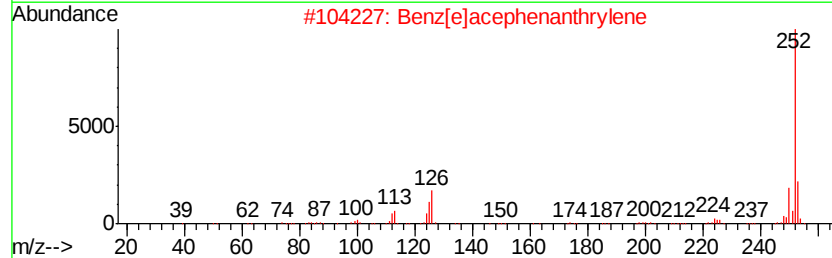
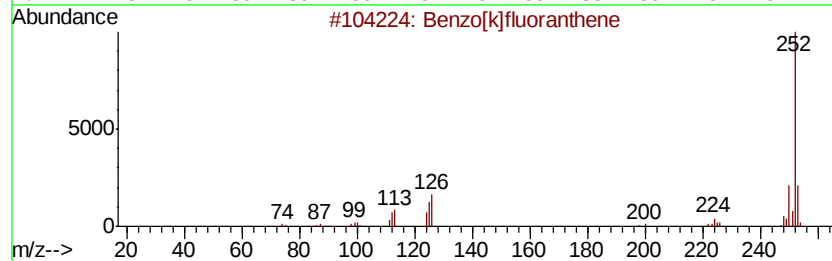
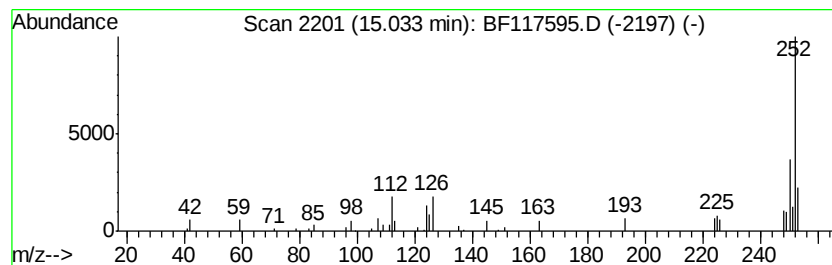
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.27 ng	32069	Perylene-d12	15.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	83
3		Perylene	252	C20H12	000198-55-0	74
4		Benzo[e]pyrene	252	C20H12	000192-97-2	74
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117595.D
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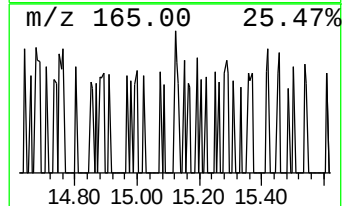
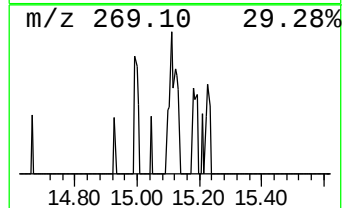
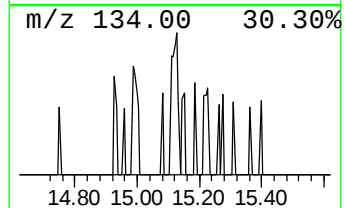
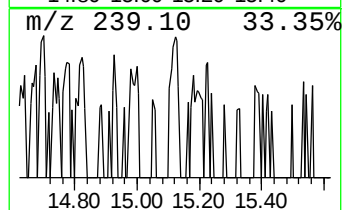
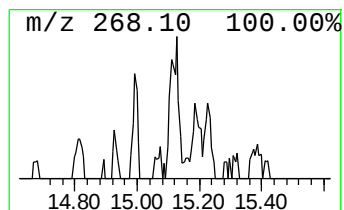
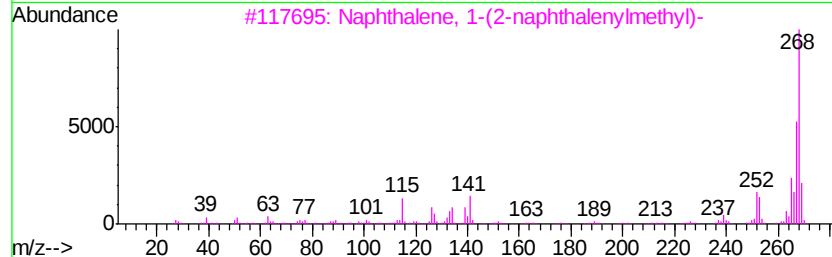
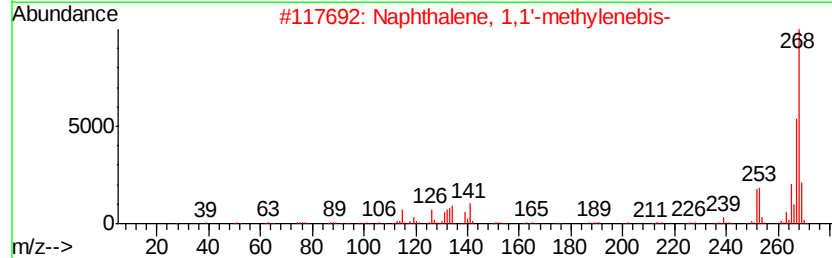
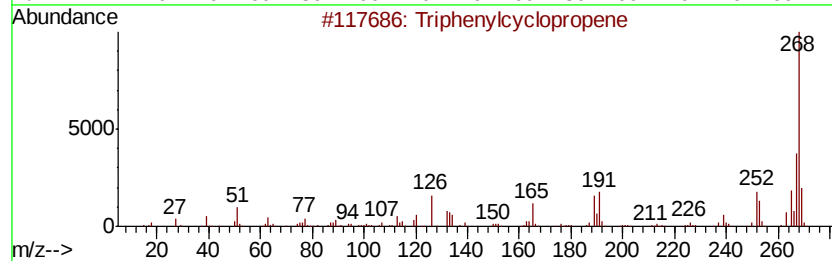
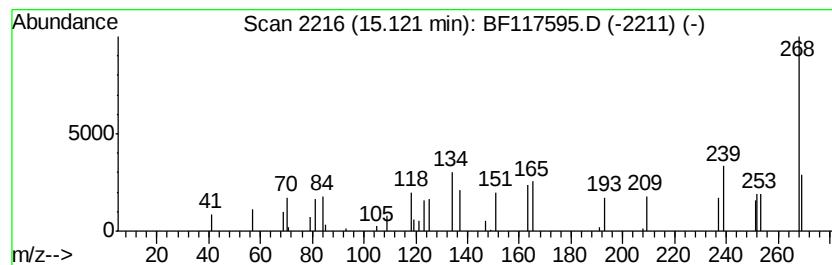
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triphenylcyclopropene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.19 ng	16407	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylcvclopropene	268	C21H16	016510-49-9	50
2		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	47
3		Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	47
4		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	43
5		3-Methylcholanthrene	268	C21H16	000056-49-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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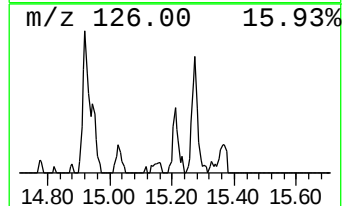
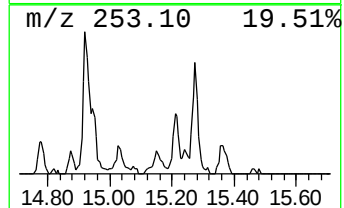
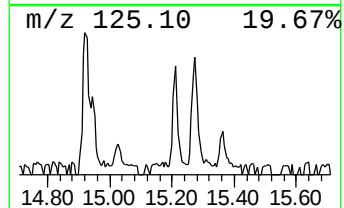
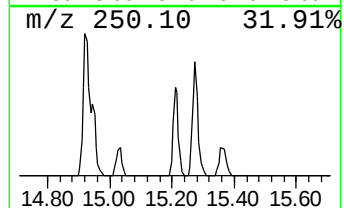
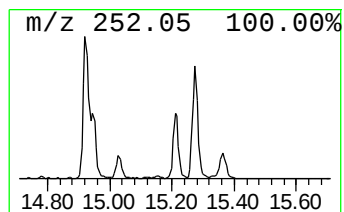
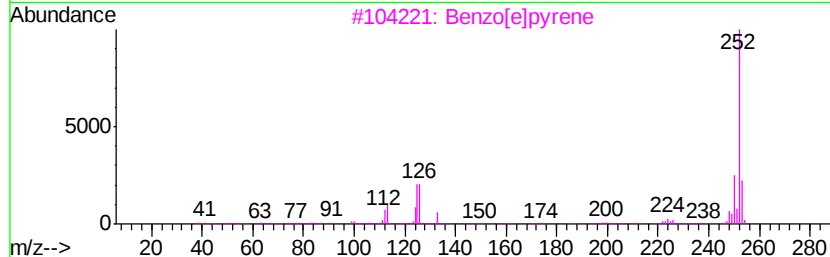
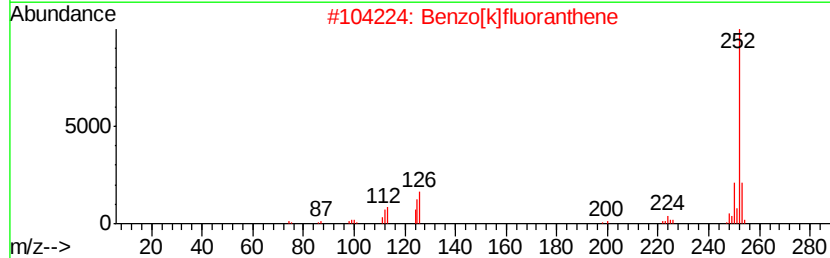
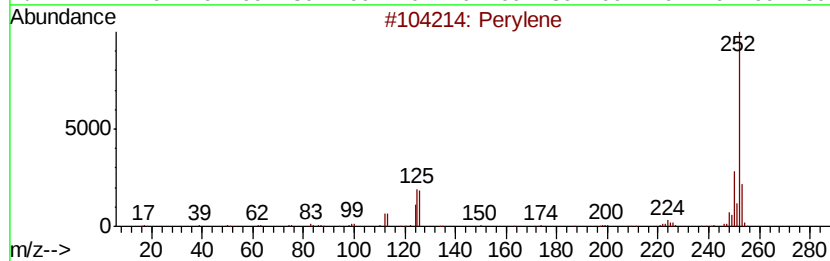
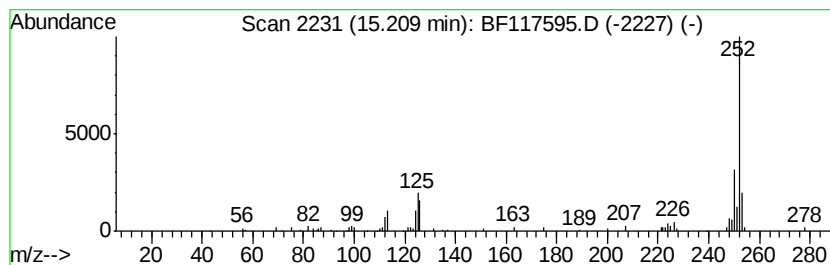
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	9.52 ng	71415	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benzo[i]fluoranthene	252	C20H12	000205-82-3	97
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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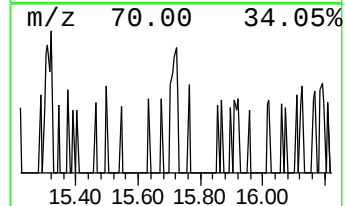
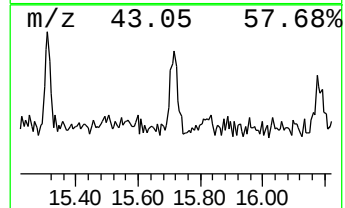
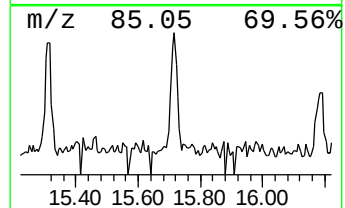
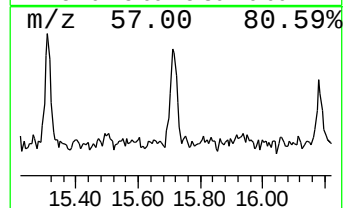
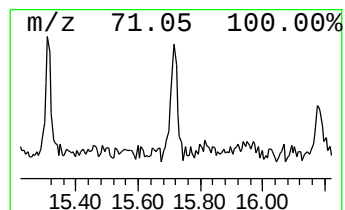
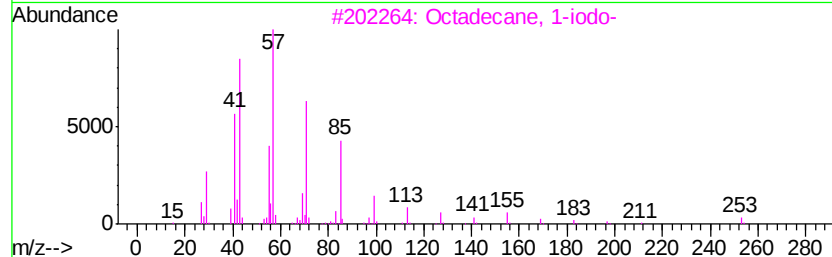
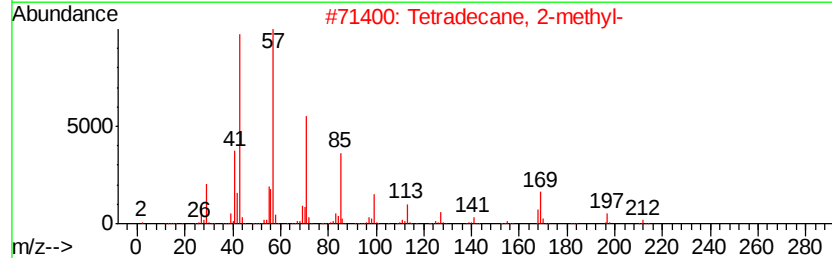
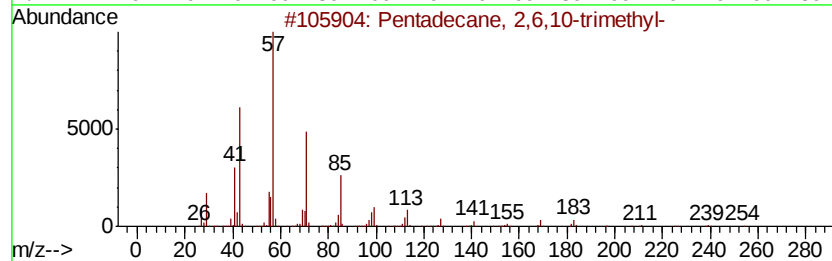
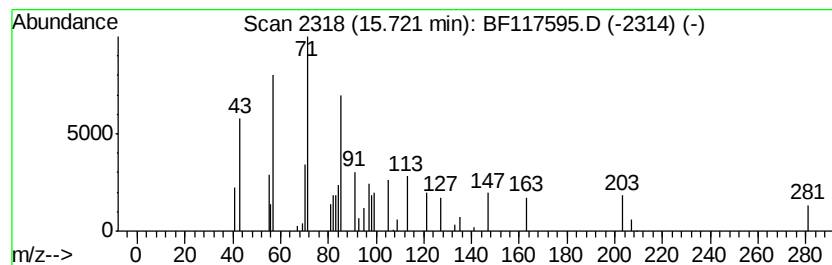
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.10 ng	23288	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	64
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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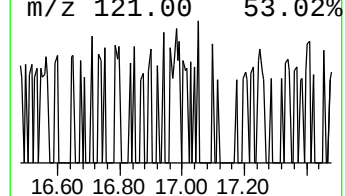
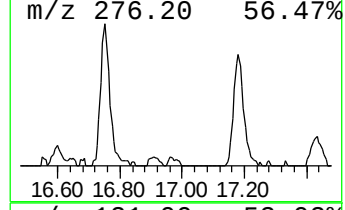
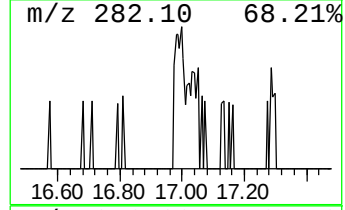
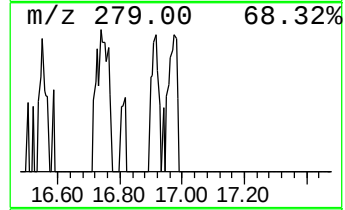
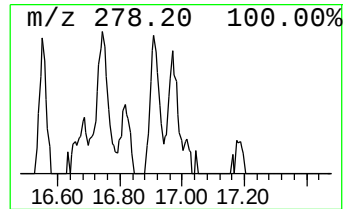
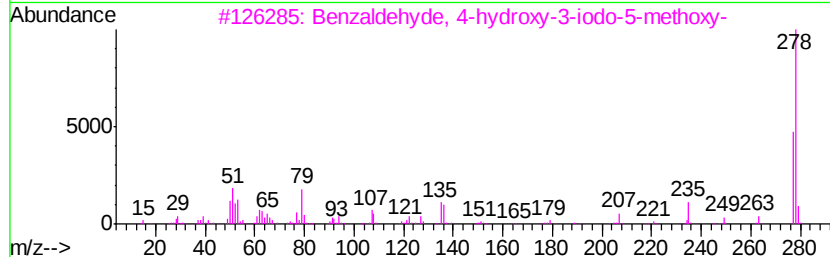
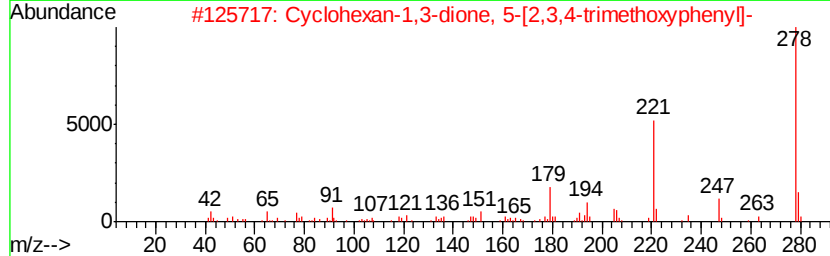
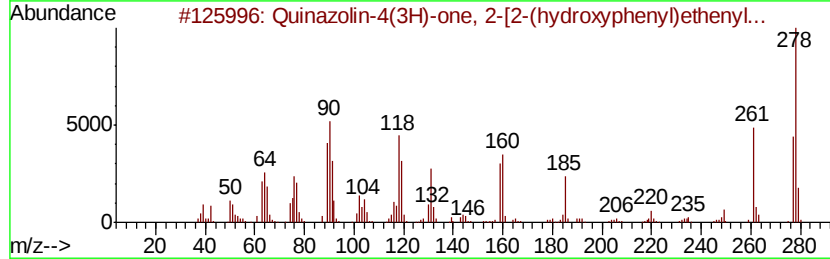
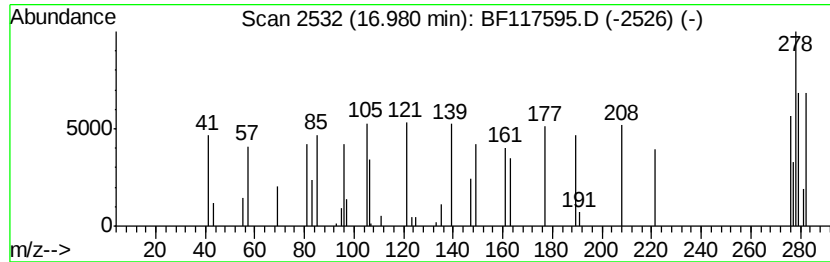
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.98 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.47 ng	18522	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinazolin-4(3H)-one, 2-[2-(hydr...	278	C17H14N2O2	050830-07-4	10
2			Cyclohexan-1,3-dione, 5-[2,3,4-t...	278	C15H18O5	119101-24-5	9
3			Benzaldehyde, 4-hydroxy-3-iodo-5...	278	C8H7IO3	005438-36-8	9
4			2,3-Diethoxy-5,8-dimethoxyquinox...	278	C14H18N2O4	002427-85-2	9
5			Triprolidine	278	C19H22N2	000486-12-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102919\
Data File : BF117595.D
Acq On : 29 Oct 2019 17:11
Operator : JU
Sample : K5540-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
158-30-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	74.8	ng	872402	1	6.73	233132	20.0
Anthracene, 2-met...	11.75	2.0	ng	21811	4	11.24	214447	20.0
Phenanthrene, 2-m...	11.78	4.5	ng	47875	4	11.24	214447	20.0
4H-Cyclopenta[def...	11.86	3.8	ng	40515	4	11.24	214447	20.0
Eicosane	14.64	6.0	ng	44883	6	15.33	150108	20.0
7,12-Dihydrobenzo...	14.77	2.8	ng	21040	6	15.33	150108	20.0
Perylene	15.03	4.3	ng	32069	6	15.33	150108	20.0
Triphenylcyclopro...	15.12	2.2	ng	16407	6	15.33	150108	20.0
Benzo[e]pyrene	15.21	9.5	ng	71415	6	15.33	150108	20.0
Pentadecane, 2,6,...	15.72	3.1	ng	23288	6	15.33	150108	20.0
unknown16.98	16.98	2.5	ng	18522	6	15.33	150108	20.0