

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122885.D
 Acq On : 30 Dec 2020 18:32
 Operator : JU/CG
 Sample : L5242-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6(444+26)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.439	566	570	589	rBV	1883684	1932538	48.12%	3.384%
2	6.457	739	743	762	rBV	1937799	1927547	48.00%	3.375%
3	6.822	801	805	814	rBV	801205	725698	18.07%	1.271%
4	7.081	846	849	858	rBV	131015	138053	3.44%	0.242%
5	7.381	896	900	912	rBV	1256902	1243297	30.96%	2.177%
6	8.104	1019	1023	1026	rBV	1060435	871648	21.71%	1.526%
7	8.751	1129	1133	1141	rBV	37864	50147	1.25%	0.088%
8	9.180	1201	1206	1209	rBV	2619614	2291457	57.06%	4.012%
9	9.575	1269	1273	1279	rBV	105905	113091	2.82%	0.198%
10	9.722	1294	1298	1304	rVB	457865	390970	9.74%	0.685%
11	9.857	1317	1321	1325	rBV	1135868	1009889	25.15%	1.768%
12	9.892	1325	1327	1330	rVB2	53489	47180	1.17%	0.083%
13	10.404	1411	1414	1420	rBV	65971	72415	1.80%	0.127%
14	10.651	1452	1456	1466	rVB	1454694	1425419	35.50%	2.496%
15	10.774	1472	1477	1483	rVB3	123403	142017	3.54%	0.249%
16	11.104	1531	1533	1538	rVB	54609	55367	1.38%	0.097%
17	11.151	1538	1541	1546	rBV	100009	89351	2.23%	0.156%
18	11.239	1552	1556	1562	rVB2	57472	67726	1.69%	0.119%
19	11.292	1562	1565	1568	rBV	68170	60220	1.50%	0.105%
20	11.345	1570	1574	1576	rBV	1086019	916227	22.82%	1.604%
21	11.369	1576	1578	1582	rVV	532414	435382	10.84%	0.762%
22	11.421	1583	1587	1590	rVV	752993	611973	15.24%	1.071%
23	11.457	1590	1593	1600	rVB2	75959	90616	2.26%	0.159%
24	11.580	1608	1614	1621	rBV2	383696	474952	11.83%	0.832%
25	11.639	1621	1624	1628	rVB4	66549	73717	1.84%	0.129%
26	11.686	1628	1632	1635	rBV5	36567	41973	1.05%	0.073%
27	11.727	1635	1639	1641	rBV	37824	49974	1.24%	0.087%
28	11.845	1655	1659	1661	rBV2	95424	95655	2.38%	0.167%
29	11.874	1661	1664	1669	rVV2	262877	260673	6.49%	0.456%
30	11.921	1669	1672	1675	rVV	105939	98863	2.46%	0.173%
31	11.963	1675	1679	1687	rVB2	214915	311469	7.76%	0.545%
32	12.027	1687	1690	1692	rBV	79374	78019	1.94%	0.137%
33	12.057	1692	1695	1697	rVB2	69494	55845	1.39%	0.098%
34	12.080	1697	1699	1703	rBV	79036	102763	2.56%	0.180%
35	12.139	1707	1709	1712	rVB	92838	87668	2.18%	0.153%
36	12.174	1712	1715	1718	rBV	283615	240437	5.99%	0.421%

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37	12.210	1718	1721	1727	rVB4	41827	54278	1.35%	0.095%
38	12.292	1730	1735	1738	rBV4	74748	100186	2.49%	0.175%
39	12.351	1742	1745	1747	rVB	53746	46726	1.16%	0.082%
40	12.398	1750	1753	1755	rBV	110821	109768	2.73%	0.192%
41	12.427	1755	1758	1762	rBV3	94034	106642	2.66%	0.187%
42	12.486	1765	1768	1776	rBV	297858	328633	8.18%	0.575%
43	12.568	1777	1782	1785	rBV	3115713	2986248	74.36%	5.228%
44	12.604	1785	1788	1790	rBV2	45744	42744	1.06%	0.075%
45	12.627	1790	1792	1794	rVB	92733	70679	1.76%	0.124%
46	12.657	1794	1797	1800	rBV	259503	210540	5.24%	0.369%
47	12.710	1801	1806	1808	rBV3	132880	193767	4.83%	0.339%
48	12.798	1814	1821	1824	rBV2	2749562	3202959	79.76%	5.608%
49	12.839	1826	1828	1833	rVB2	157890	177255	4.41%	0.310%
50	12.933	1836	1844	1846	rBV	2712877	2645273	65.87%	4.631%
51	12.951	1846	1847	1851	rVB	446011	370608	9.23%	0.649%
52	13.010	1853	1857	1861	rBV3	278230	421067	10.49%	0.737%
53	13.045	1861	1863	1865	rVB	81060	56709	1.41%	0.099%
54	13.098	1868	1872	1874	rBV4	315958	449642	11.20%	0.787%
55	13.151	1879	1881	1884	rBV	136105	158679	3.95%	0.278%
56	13.186	1884	1887	1889	rBV	177245	148612	3.70%	0.260%
57	13.221	1889	1893	1896	rBV3	428347	525416	13.08%	0.920%
58	13.280	1901	1903	1906	rVV	121074	134256	3.34%	0.235%
59	13.315	1906	1909	1912	rVV	264536	253840	6.32%	0.444%
60	13.345	1912	1914	1918	rVV2	182997	225762	5.62%	0.395%
61	13.404	1922	1924	1927	rVB2	123790	108217	2.69%	0.189%
62	13.433	1927	1929	1932	rVB3	64526	63948	1.59%	0.112%
63	13.468	1933	1935	1937	rBV2	60316	58353	1.45%	0.102%
64	13.604	1955	1958	1960	rBV3	107363	116829	2.91%	0.205%
65	13.633	1960	1963	1967	rVV	748768	672071	16.74%	1.177%
66	13.739	1978	1981	1984	rBV	547195	562118	14.00%	0.984%
67	13.768	1984	1986	1988	rVV	448078	413016	10.28%	0.723%
68	13.792	1988	1990	1996	rVV3	521781	701615	17.47%	1.228%
69	13.845	1996	1999	2002	rVV	670329	786560	19.59%	1.377%
70	13.874	2002	2004	2006	rVB	333355	260651	6.49%	0.456%
71	13.986	2016	2023	2027	rBV2	1632770	3278779	81.65%	5.741%
72	14.021	2027	2029	2037	rVB	1918073	2023616	50.39%	3.543%
73	14.080	2037	2039	2040	rBV2	88834	72140	1.80%	0.126%
74	14.098	2040	2042	2044	rVV	184868	147005	3.66%	0.257%
75	14.121	2044	2046	2048	rVB2	224771	186738	4.65%	0.327%
76	14.210	2059	2061	2066	rBV2	195645	257647	6.42%	0.451%

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77	14.257	2066	2069	2071	rBV2	171987	147557	3.67%	0.258%
78	14.345	2081	2084	2086	rBV2	172280	186923	4.65%	0.327%
79	14.380	2088	2090	2093	rVV	361112	291547	7.26%	0.510%
80	14.427	2093	2098	2101	rVV2	369665	461311	11.49%	0.808%
81	14.504	2108	2111	2113	rBV2	287952	274211	6.83%	0.480%
82	14.698	2141	2144	2147	rBV	263275	275175	6.85%	0.482%
83	14.739	2148	2151	2155	rVV	404489	404555	10.07%	0.708%
84	14.821	2162	2165	2169	rBV2	154282	196668	4.90%	0.344%
85	14.874	2171	2174	2182	rVB4	286367	469768	11.70%	0.822%
86	14.962	2186	2189	2192	rVB	154663	153998	3.83%	0.270%
87	15.045	2197	2203	2206	rBV2	2314562	4015743	100.00%	7.031%
88	15.145	2217	2220	2224	rVB	505089	501952	12.50%	0.879%
89	15.233	2232	2235	2236	rBV2	143178	158561	3.95%	0.278%
90	15.345	2249	2254	2259	rVB	1410535	1923772	47.91%	3.368%
91	15.404	2260	2264	2268	rVV	1284877	1541802	38.39%	2.699%
92	15.462	2268	2274	2277	rVV2	811789	1255393	31.26%	2.198%
93	15.492	2277	2279	2286	rVB2	458896	683828	17.03%	1.197%
94	16.933	2516	2524	2533	rBV3	977248	2708831	67.46%	4.743%
95	17.115	2548	2555	2559	rBV5	216336	553116	13.77%	0.968%
96	17.380	2592	2600	2609	rVB	705492	1501247	37.38%	2.628%

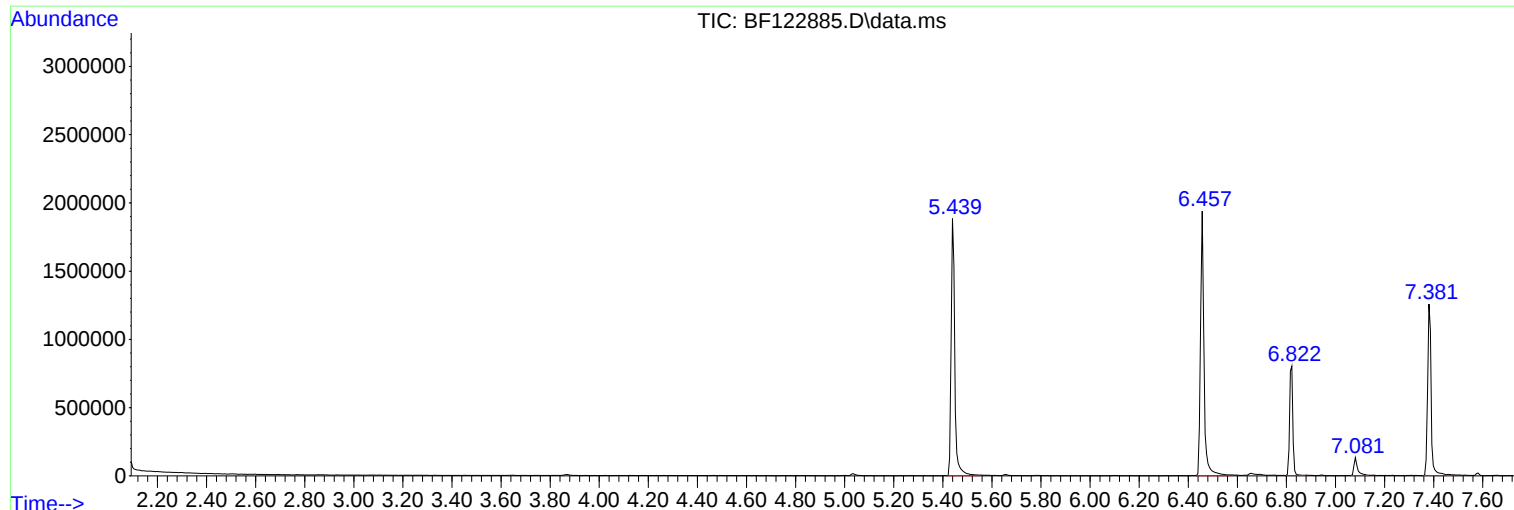
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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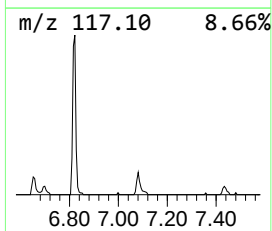
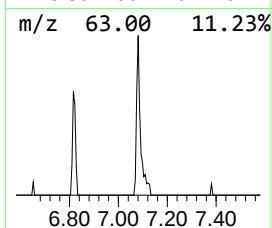
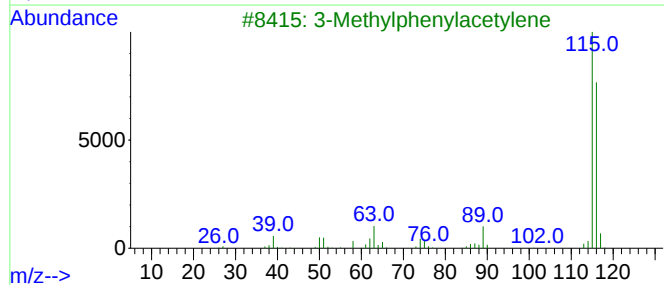
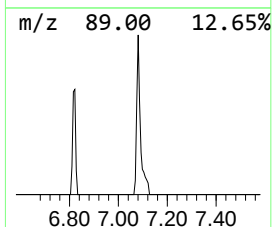
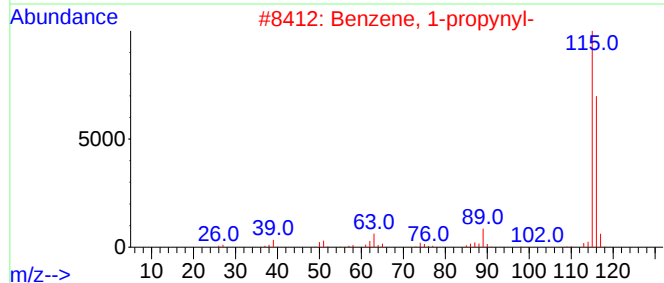
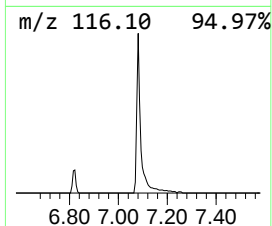
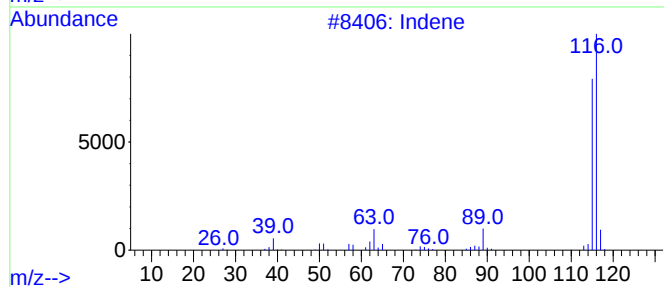
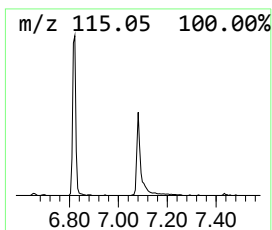
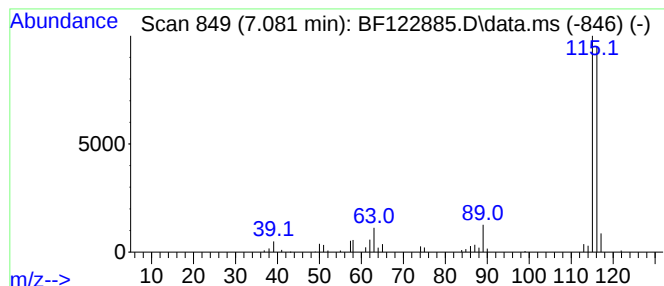
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	3.80 ng	138053	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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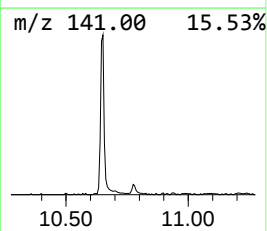
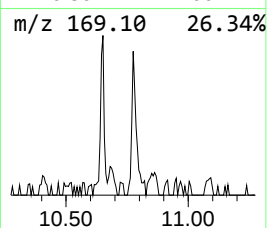
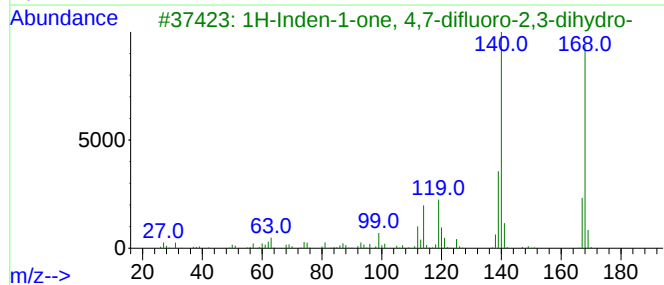
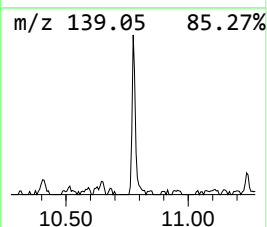
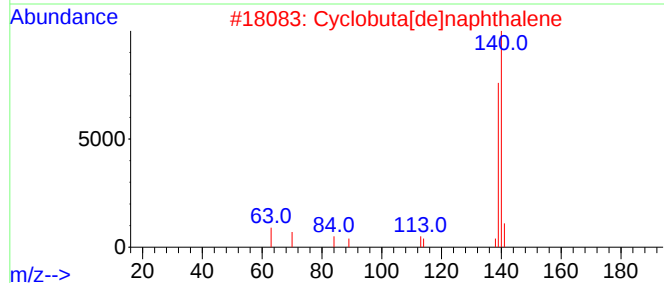
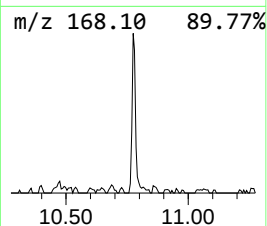
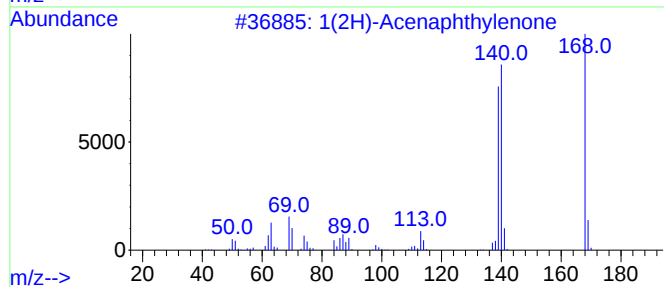
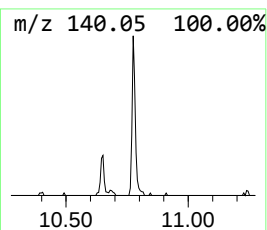
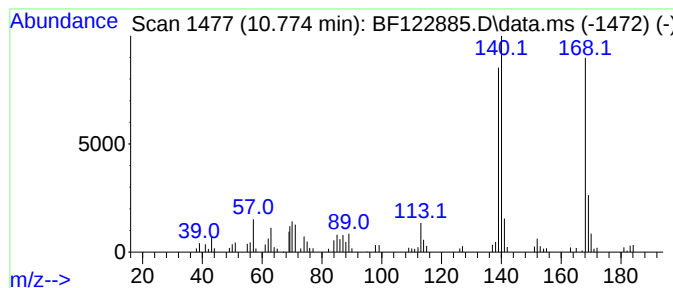
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.774	3.10 ng	142017	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	94
2			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	60
3			1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
4			5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	50
5			Dibenzofuran	168	C12H8O	000132-64-9	47



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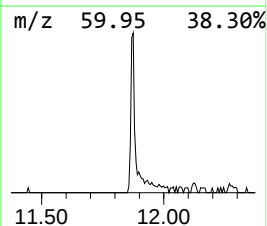
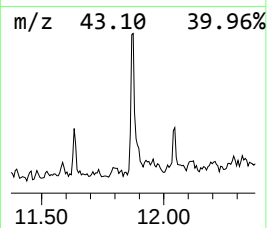
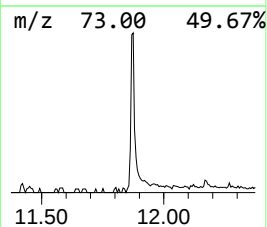
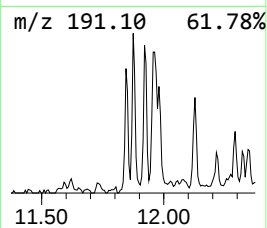
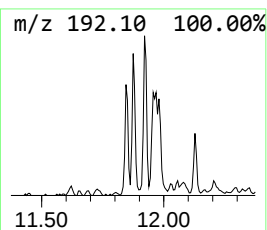
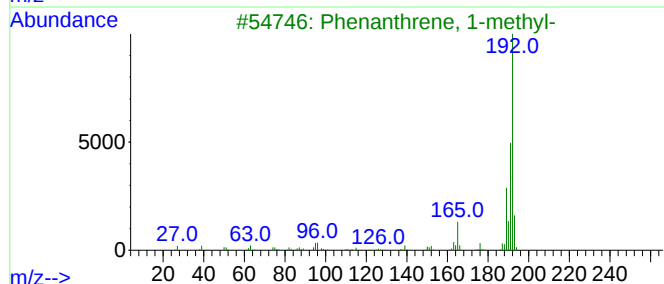
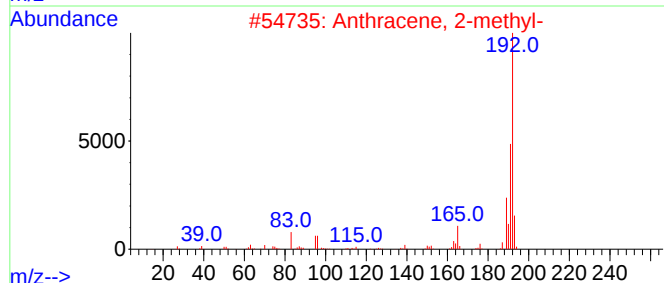
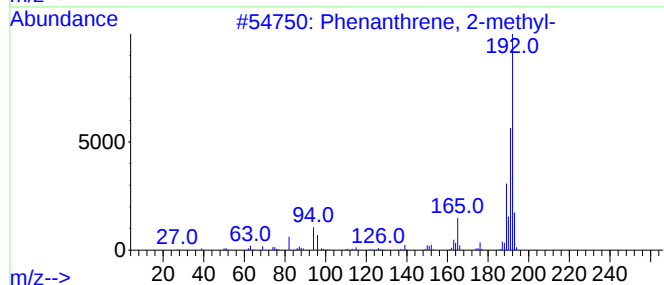
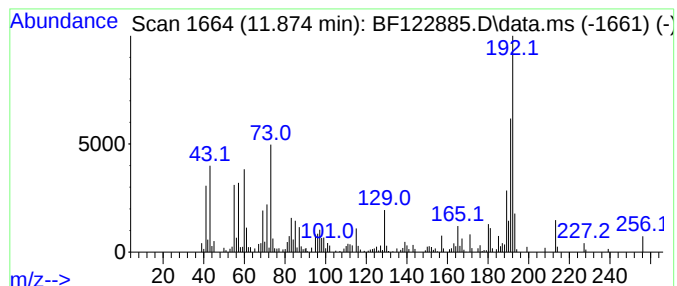
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	5.69 ng	260673	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

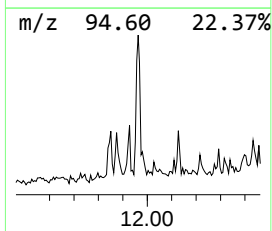
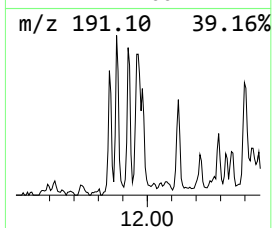
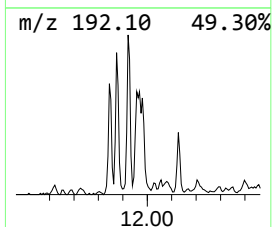
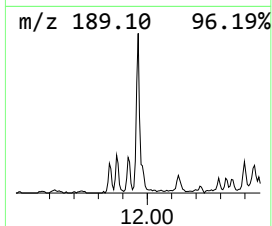
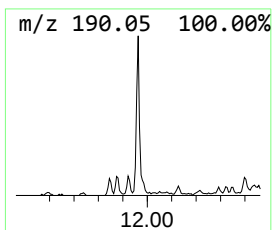
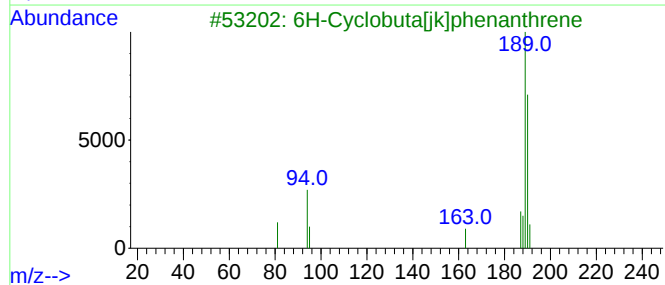
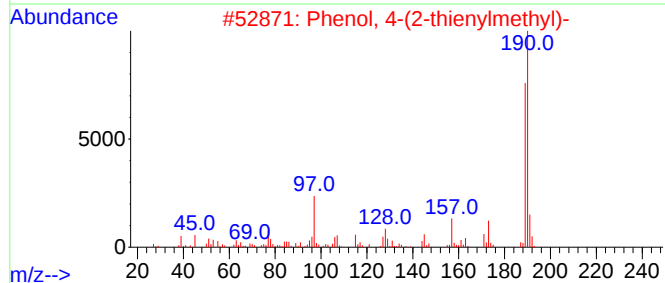
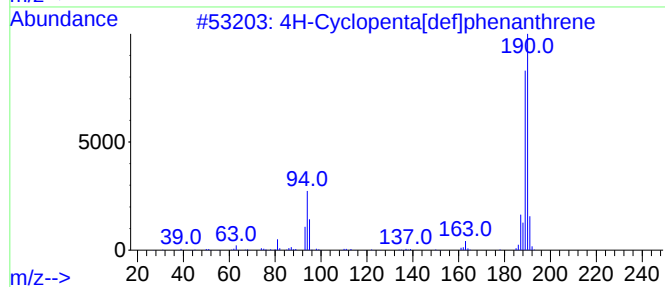
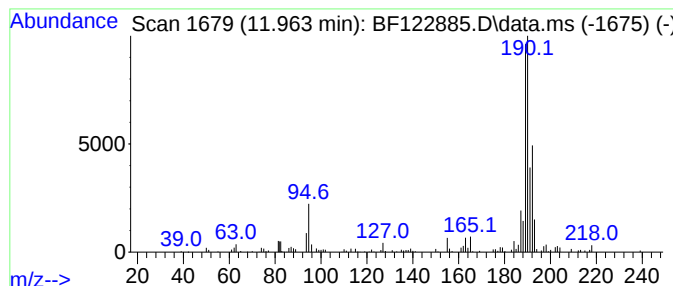
Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.963	6.80 ng	311469	Phenanthrene-d10	11.345	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

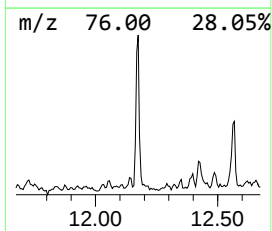
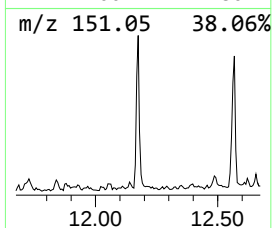
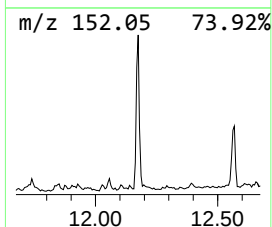
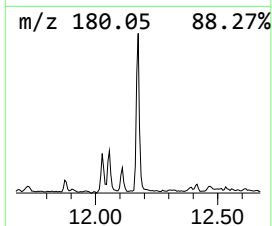
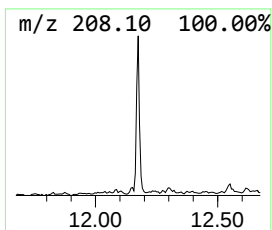
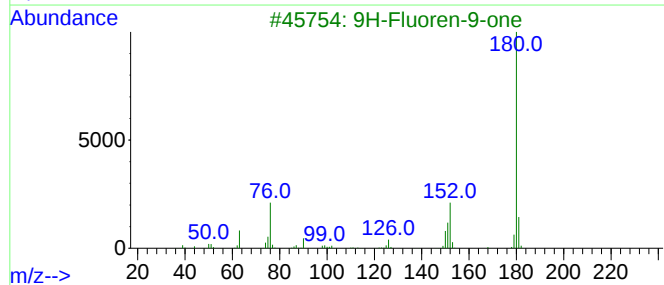
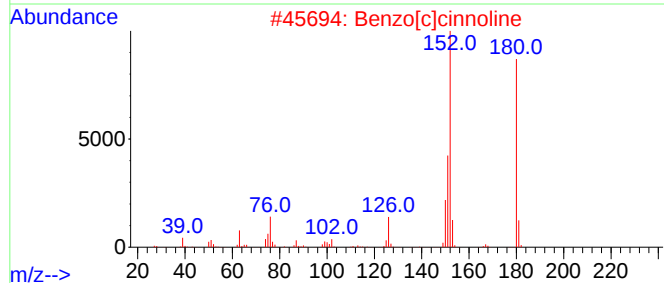
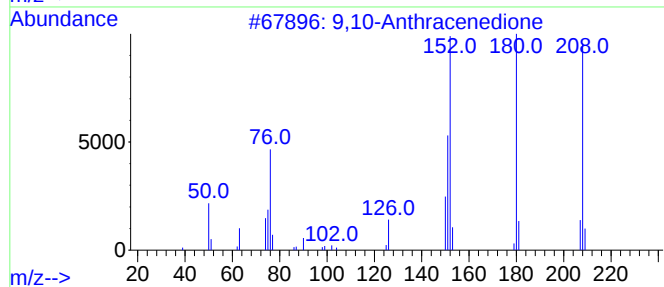
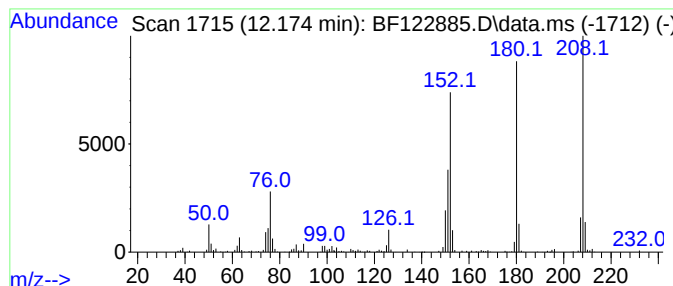
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	5.25 ng	240437	Phenanthrene-d10	11.345

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	86
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one			180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione			208	C14H8O2	000635-12-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

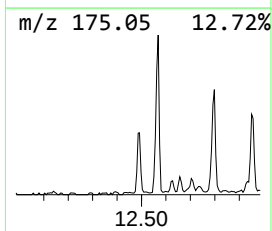
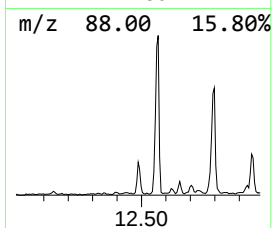
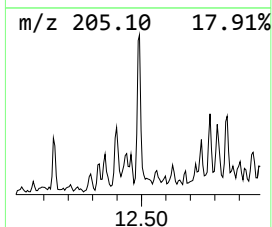
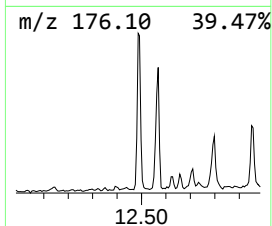
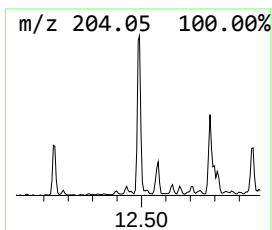
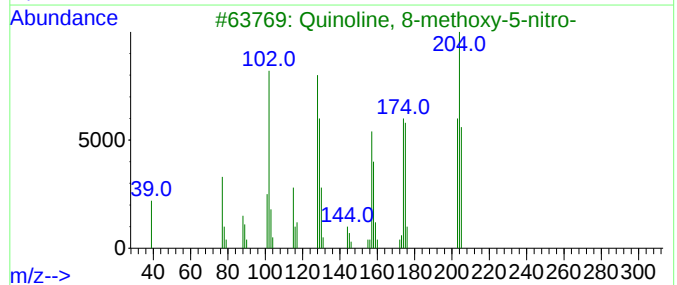
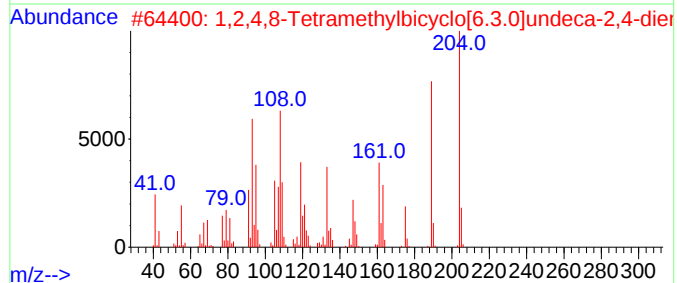
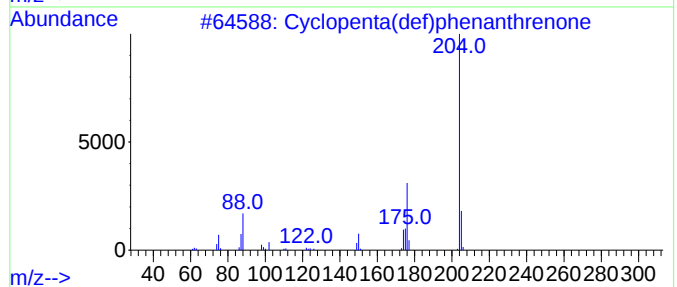
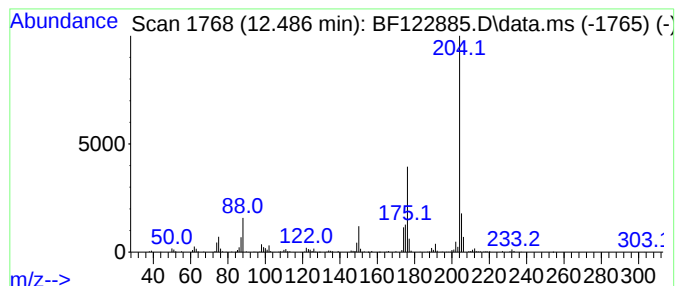
Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.486	7.17 ng	328633	Phenanthrene-d10	11.345	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	46
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

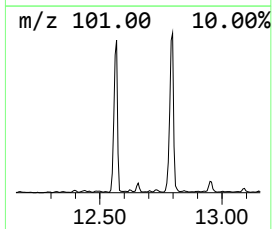
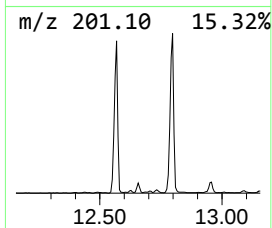
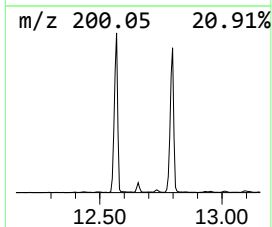
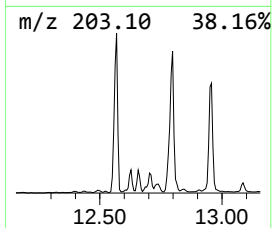
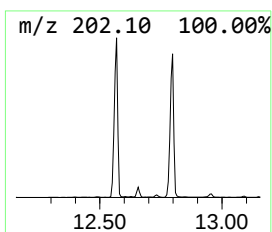
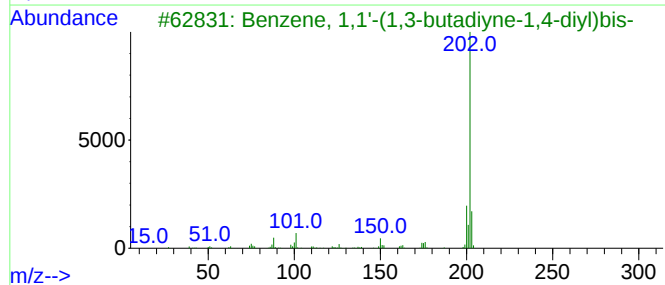
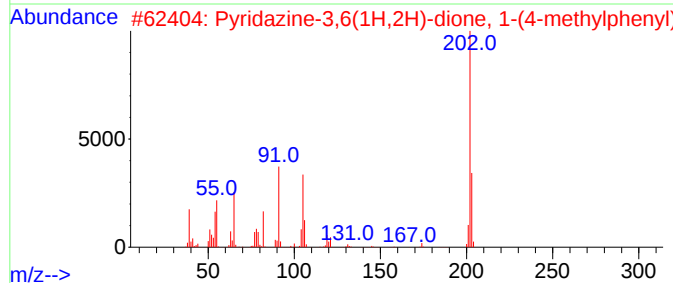
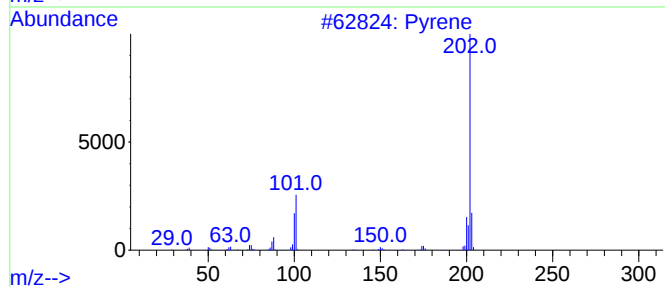
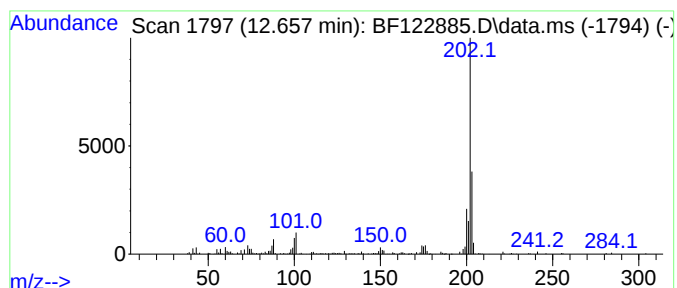
Instrument :
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ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyridazine-3,6(1H,2H)-dione... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.657	4.60 ng	210540	Phenanthrene-d10		11.345	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene		202	C16H10	000129-00-0	60
2	Pyridazine-3,6(1H,2H)-dione, 1-(...		202	C11H10N2O2	034019-60-8	59
3	Benzene, 1,1'-(1,3-butadiyne-1,4...		202	C16H10	000886-66-8	58
4	Fluoranthene		202	C16H10	000206-44-0	52
5	4,4'-Bis(tetrahydrothiopyran)		202	C10H18S2	116196-83-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

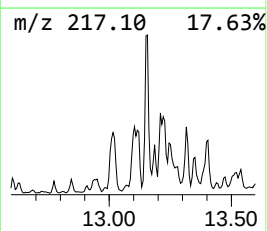
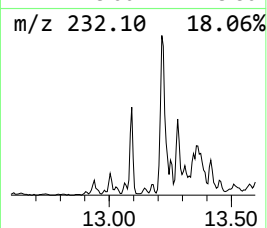
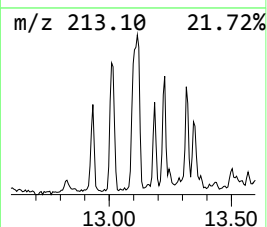
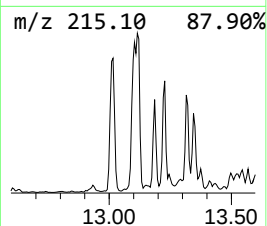
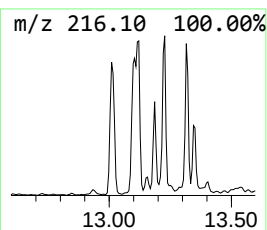
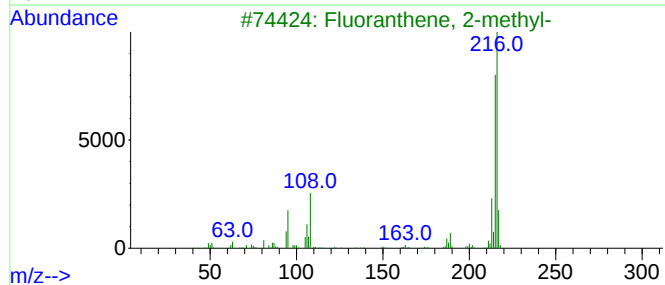
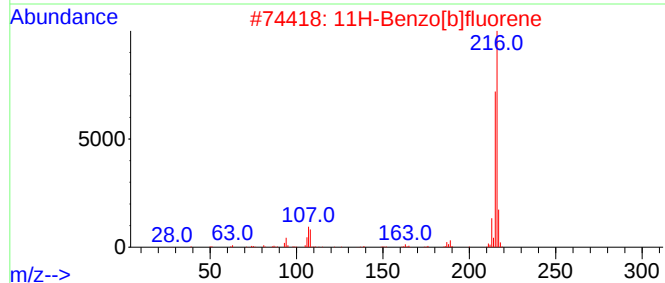
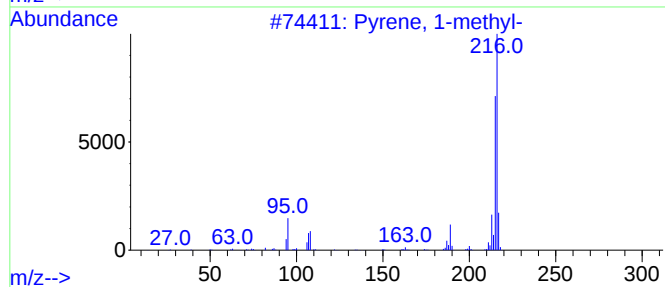
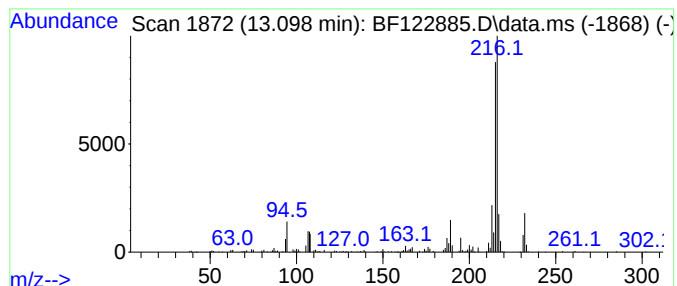
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.74 ng	449642	Chrysene-d12	13.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

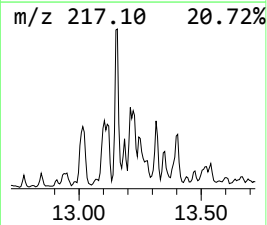
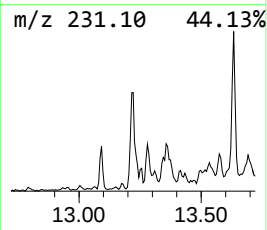
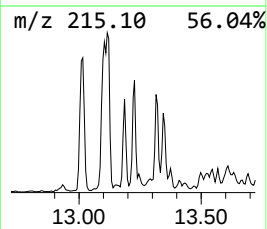
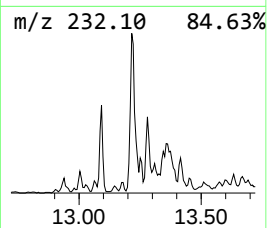
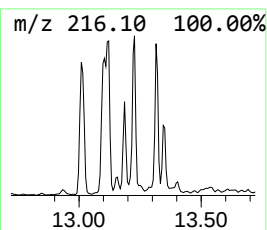
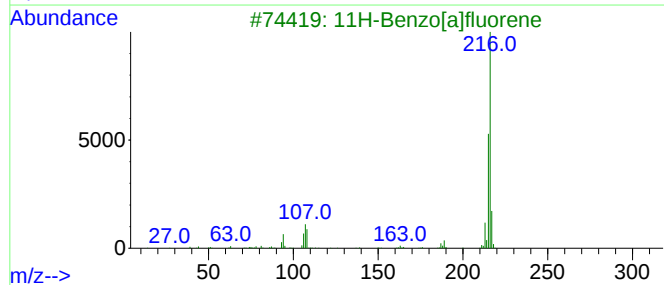
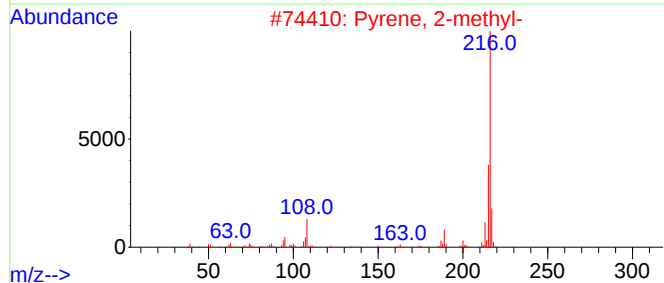
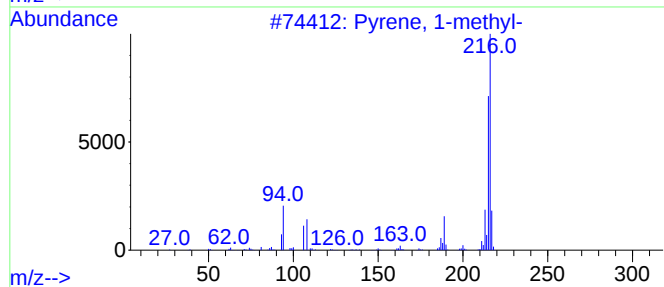
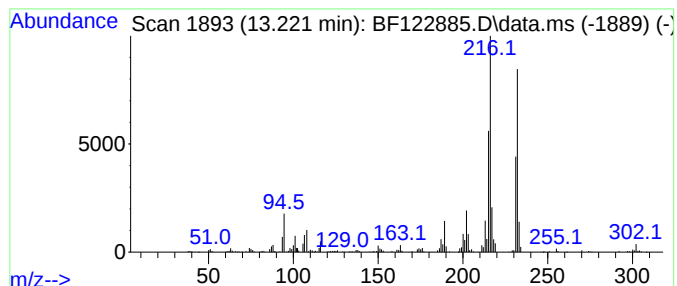
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.221	3.20 ng	525416	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	50
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
5			1-Pyrenemethanol	232	C17H12O	024463-15-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

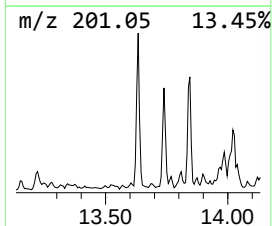
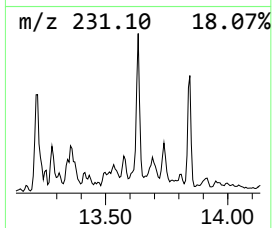
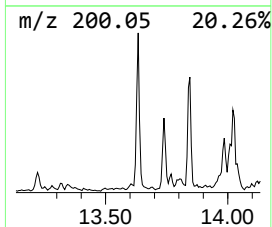
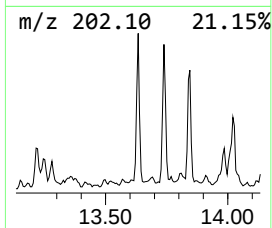
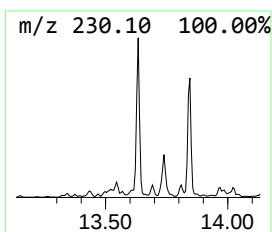
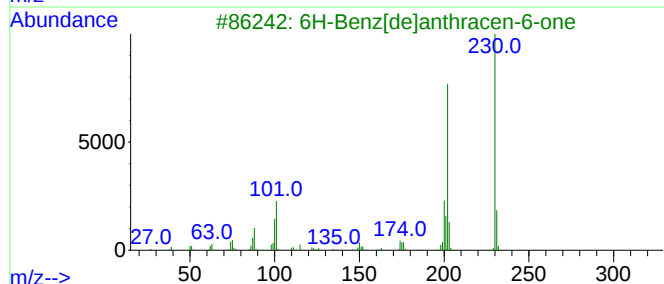
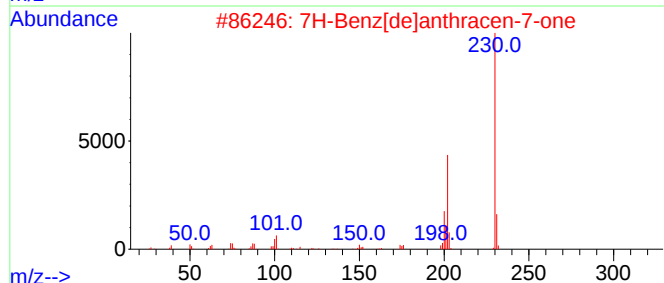
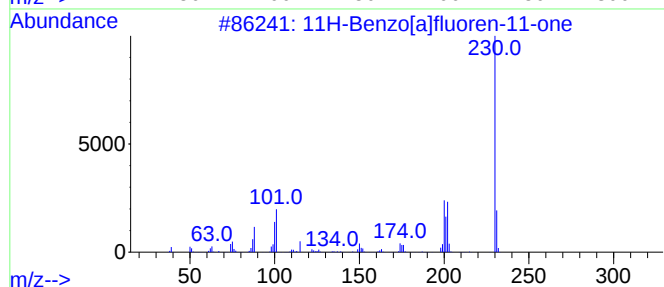
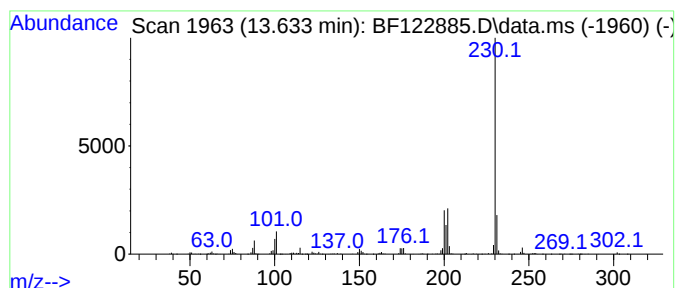
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ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.633	4.10 ng	672071	Chrysene-d12	13.998	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

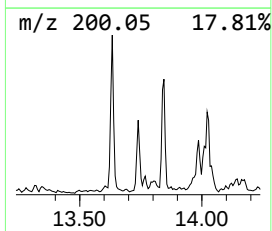
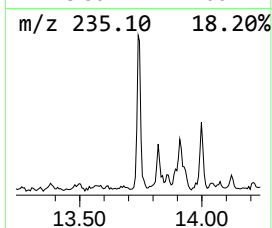
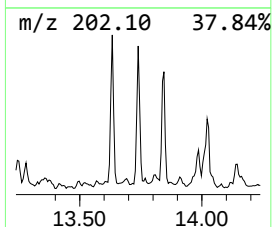
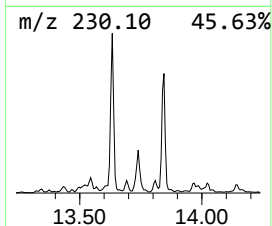
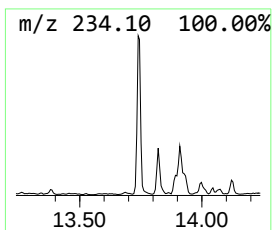
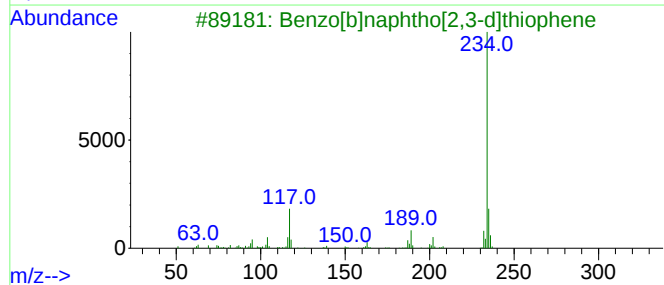
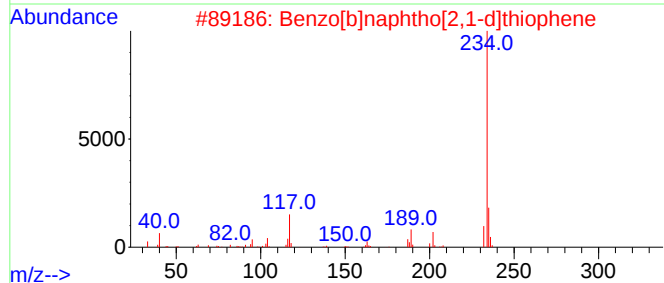
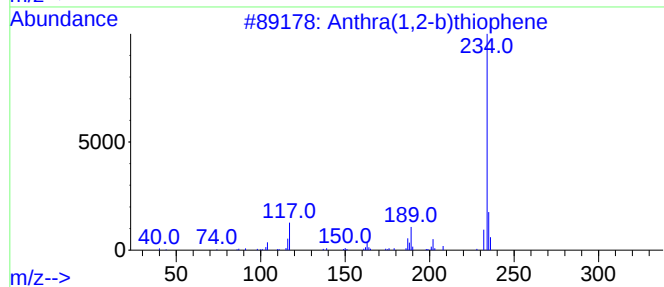
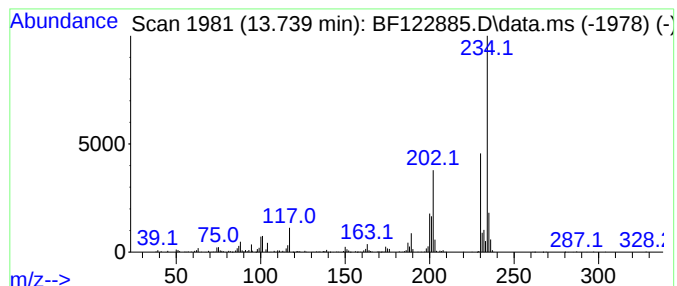
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthra(1,2-b)thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	3.43 ng	562118	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	78
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	53
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49
5			Anthra[1,9a,9-cd:5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

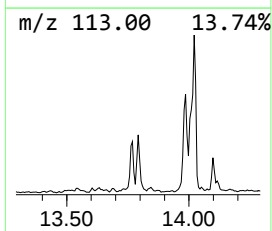
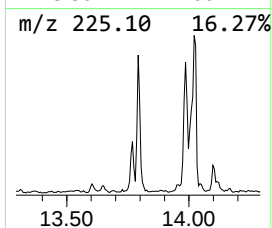
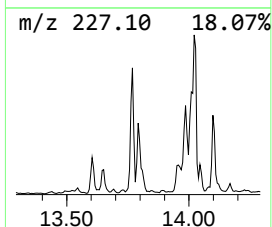
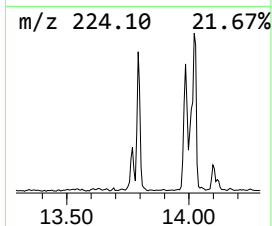
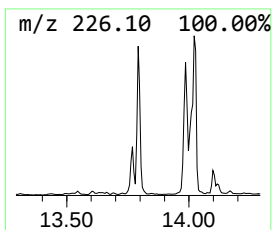
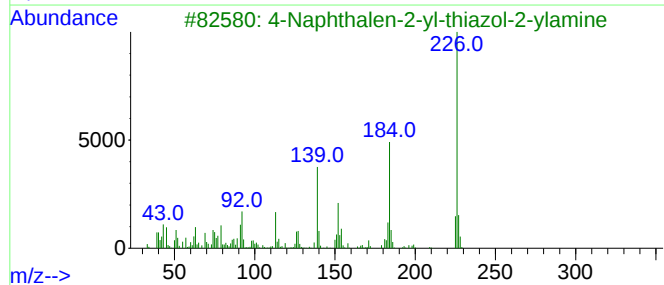
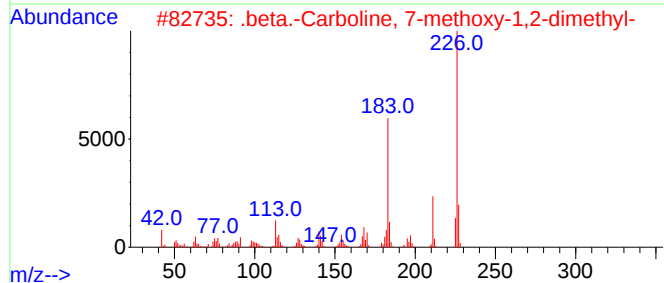
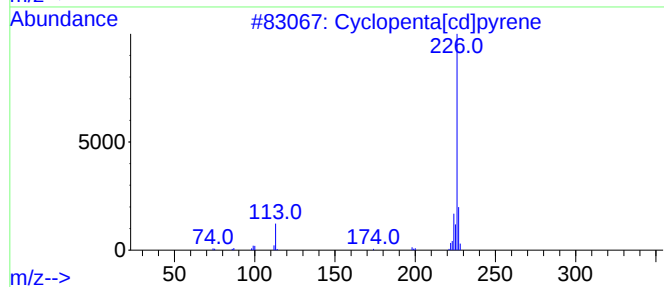
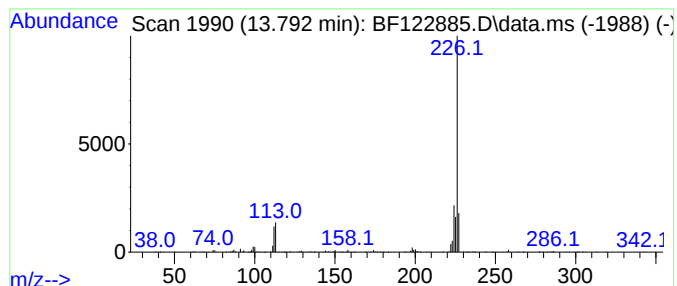
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	4.28 ng	701615	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
5			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

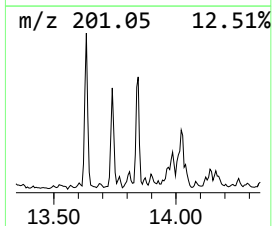
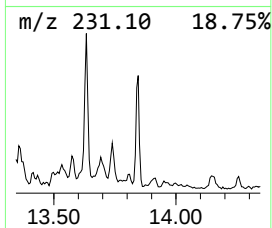
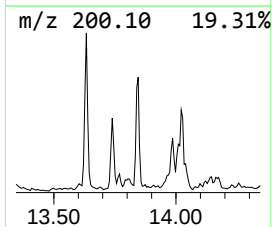
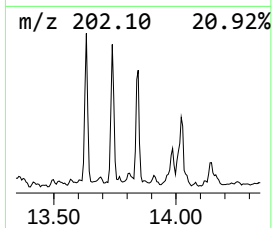
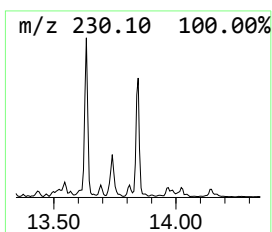
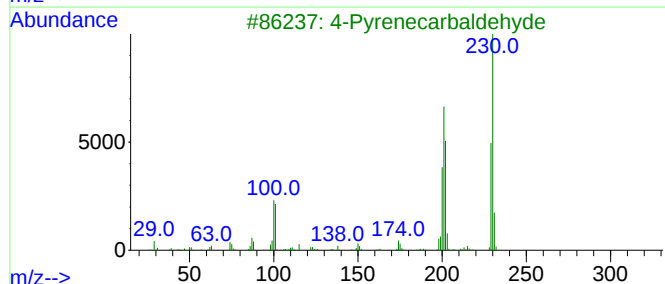
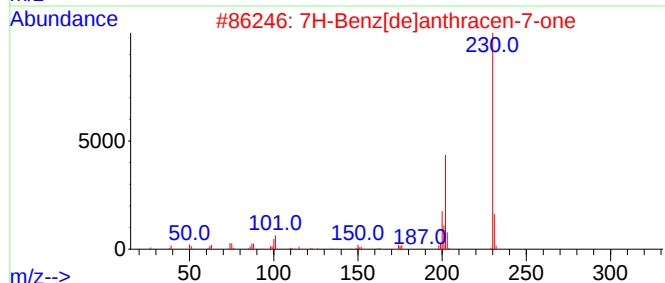
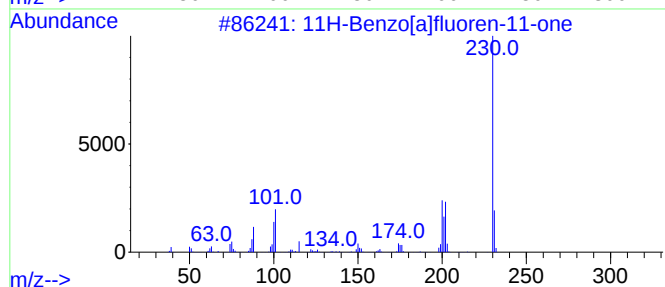
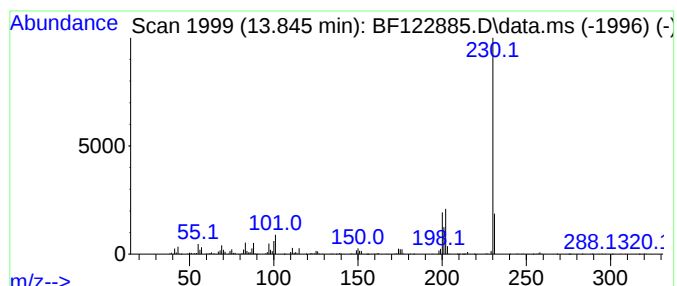
Instrument :
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ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.845	4.80 ng	786560	Chrysene-d12	13.998	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	o-Terphenyl	230	C18H14	000084-15-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

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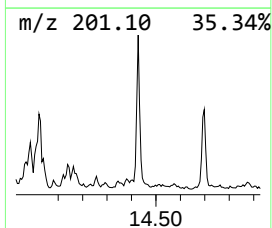
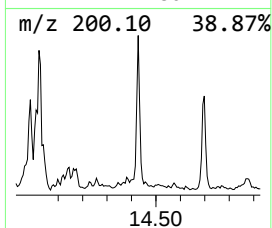
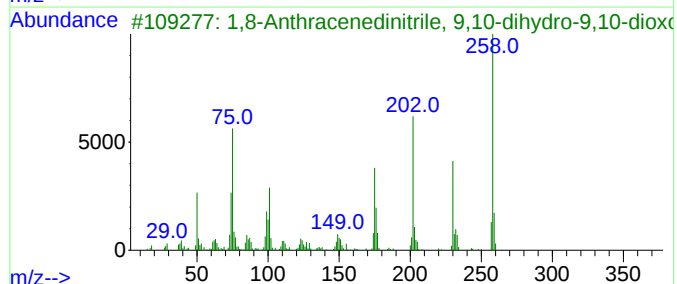
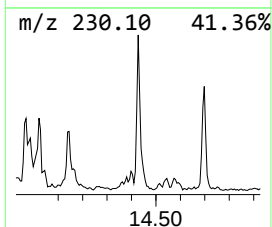
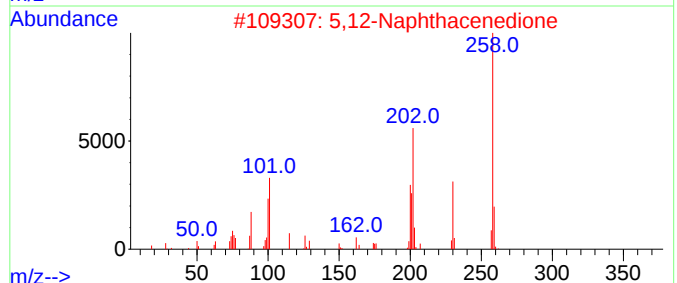
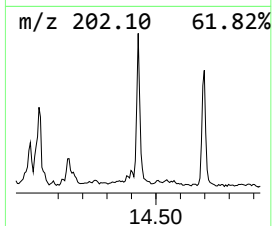
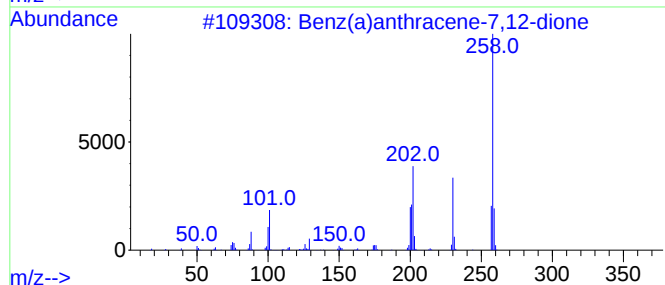
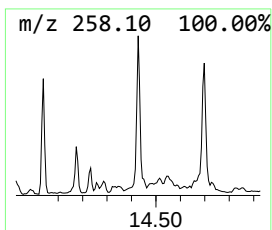
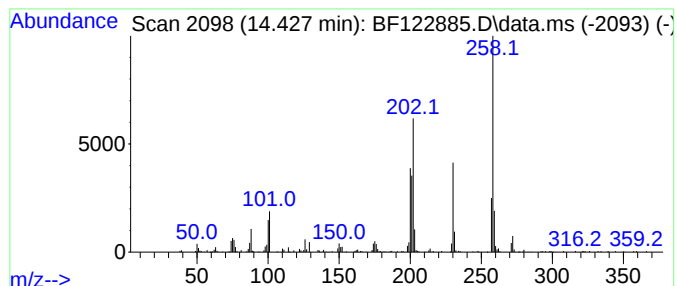
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz(a)anthracene-7,12-dione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	2.81 ng	461311	Chrysene-d12	13.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	95
2			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
3			1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	76
4			Fluoranthene	202	C16H10	000206-44-0	59
5			6H-Dibenzo[b,d]pyran-6-one, 3,7,...	258	C14H10O5	000641-38-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

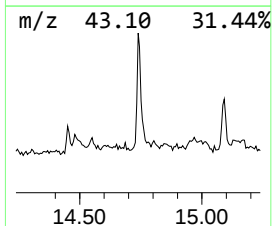
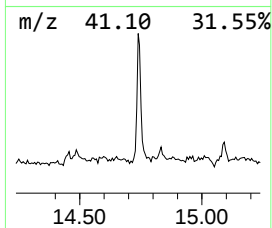
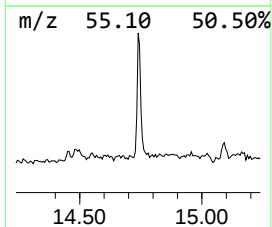
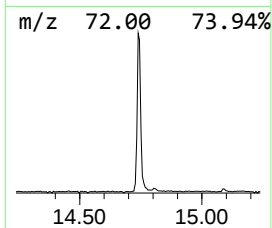
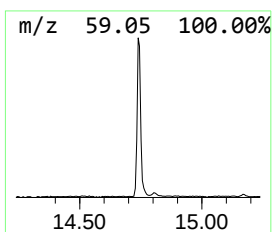
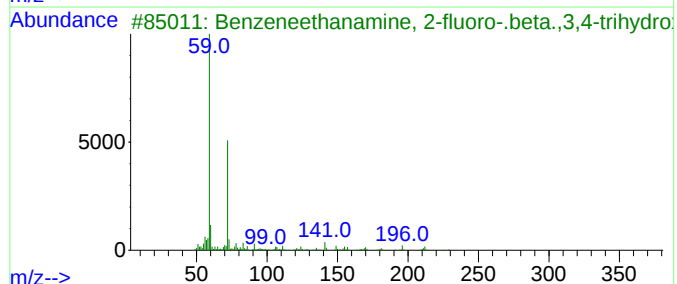
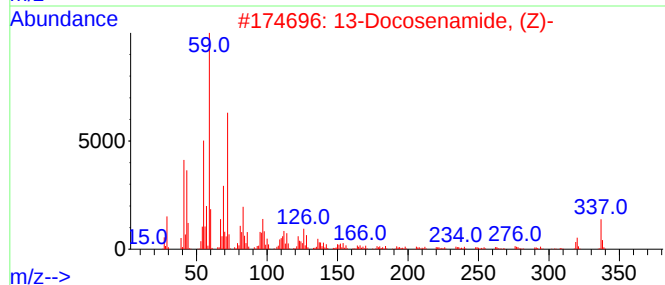
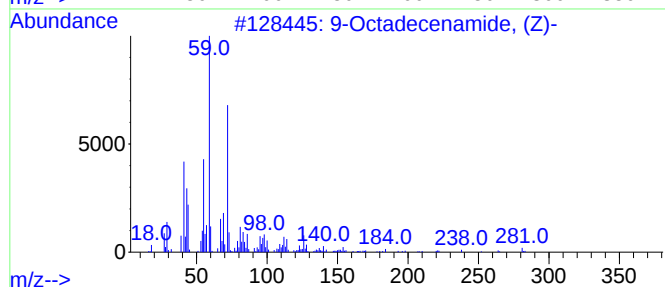
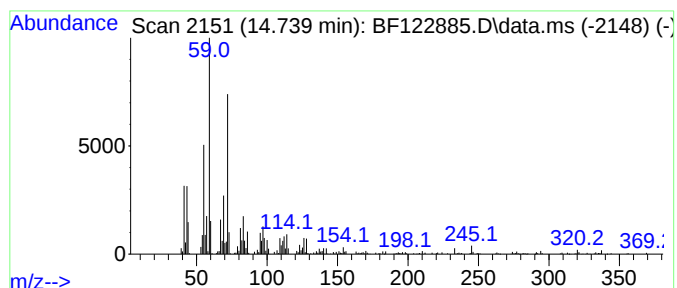
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	6.45 ng	404555	Perylene-d12	15.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
3			Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	64
4			Tetradecanamide	227	C14H29NO	000638-58-4	50
5			Dodecanamide	199	C12H25NO	001120-16-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
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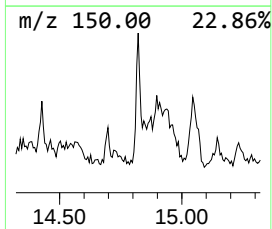
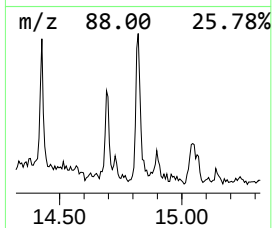
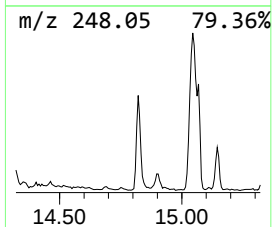
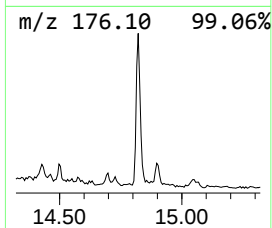
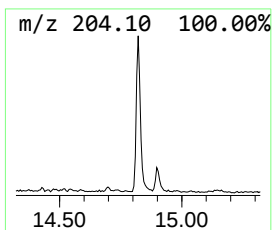
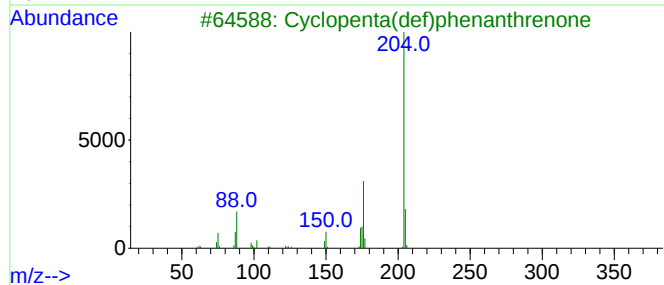
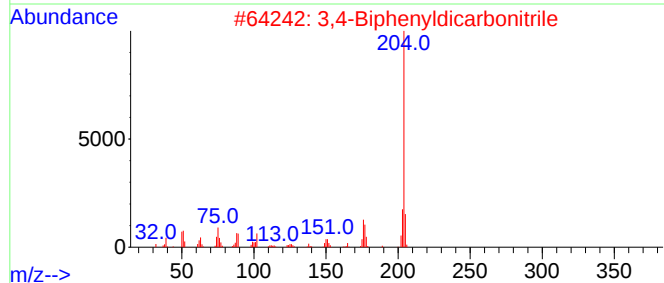
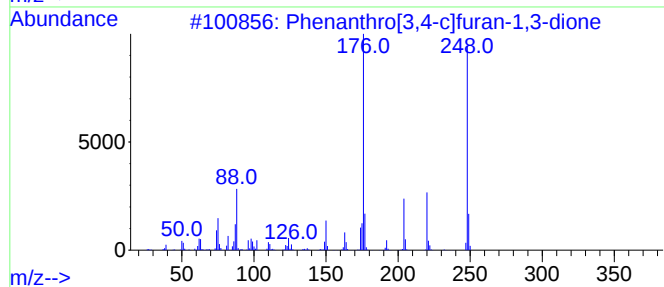
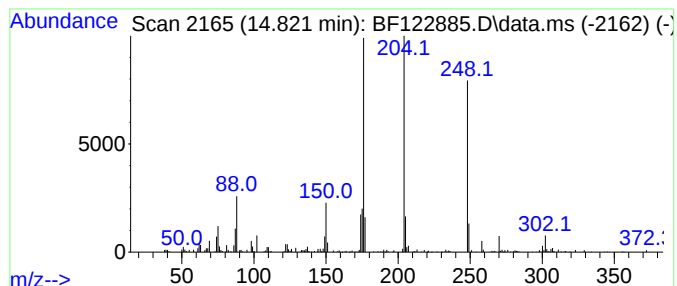
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ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthro[3,4-c]furan-1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.821	3.13 ng	196668	Perylene-d12		15.462	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthro[3,4-c]furan-1,3-dione		248	C16H8O3	005723-54-6	52
2	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	43
3	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	30
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	27
5	Aceanthrenequinone		232	C16H8O2	006373-11-1	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

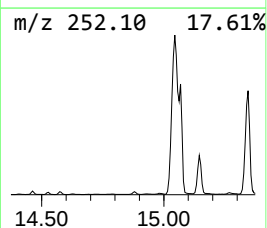
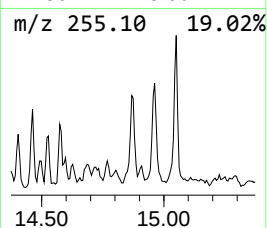
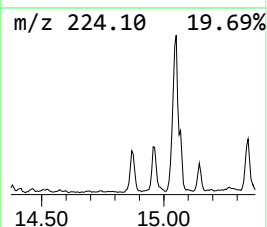
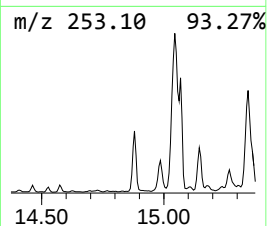
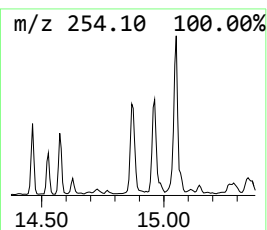
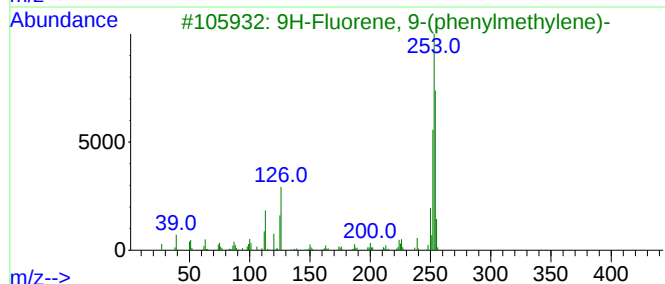
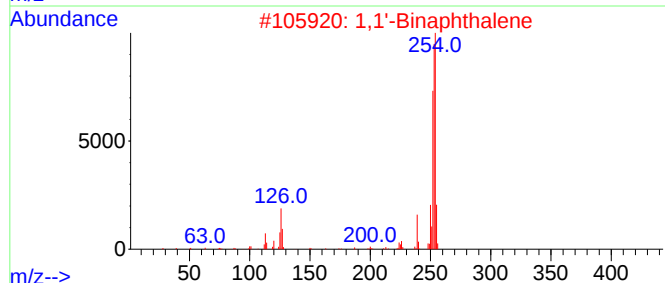
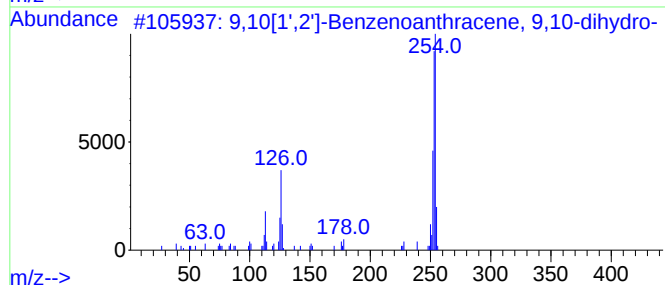
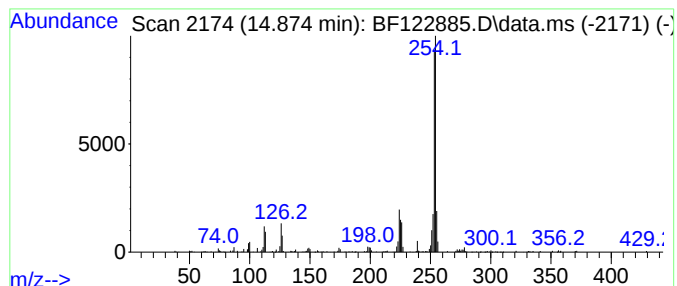
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,10[1',2']-Benzenoanthracene... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	7.48 ng	469768	Perylene-d12	15.462

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74	
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	74	
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72	
4	1,2'-Binaphthalene	254	C20H14	004325-74-0	64	
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

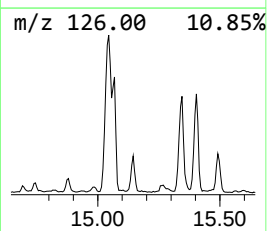
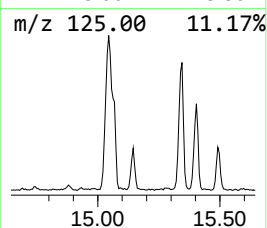
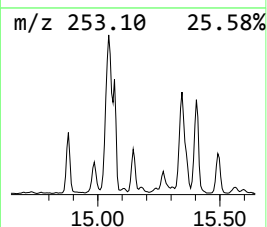
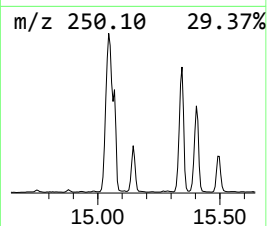
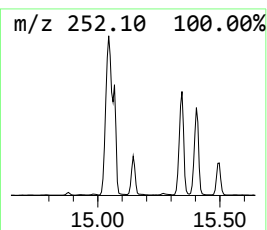
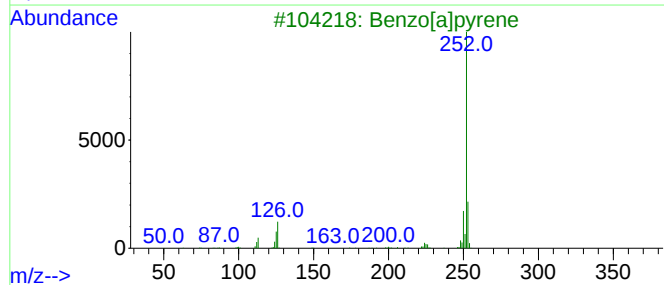
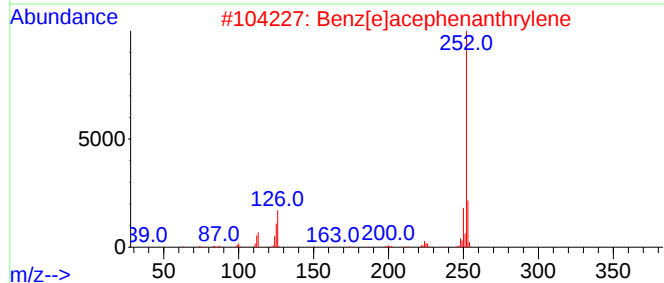
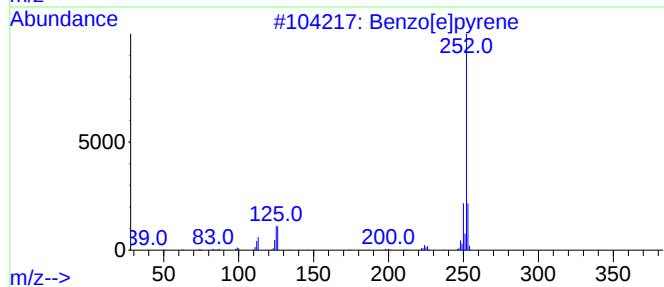
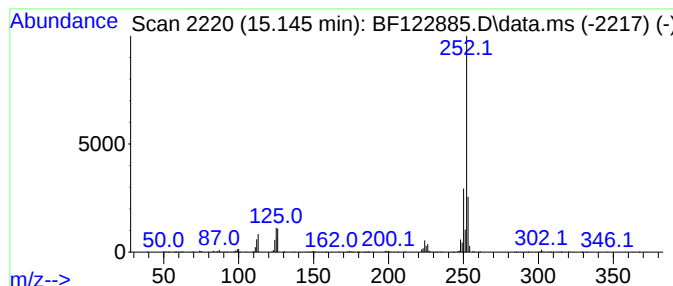
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	8.00 ng	501952	Perylene-d12	15.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

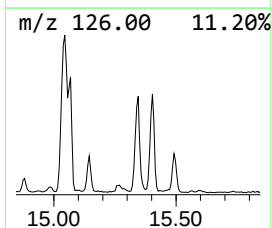
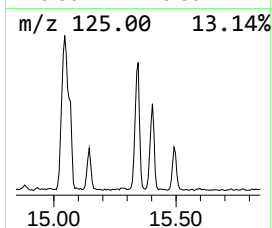
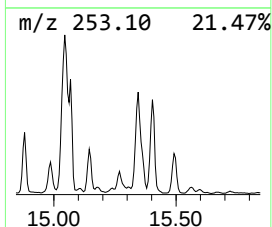
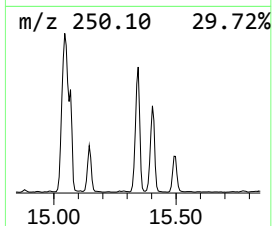
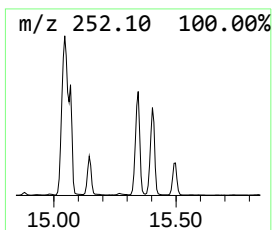
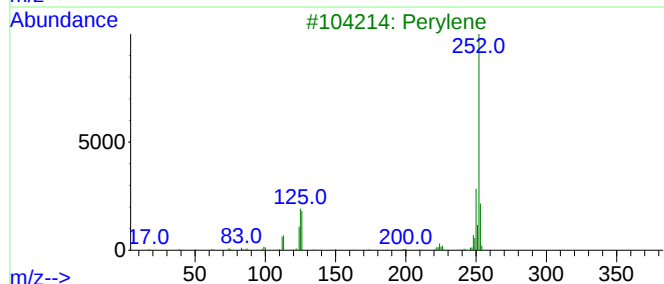
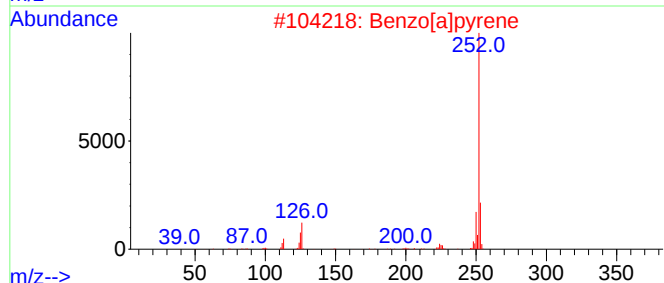
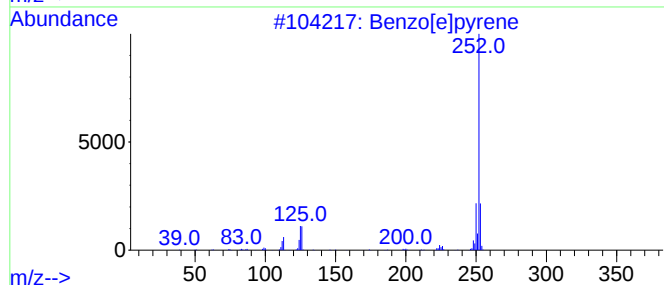
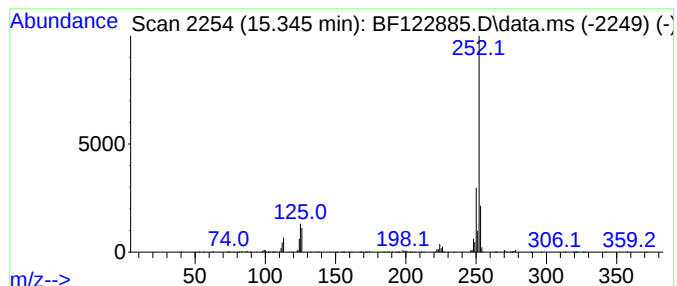
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	30.65 ng	1923770	Perylene-d12	15.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Perylene	252	C20H12	000198-55-0	97
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

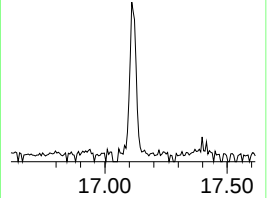
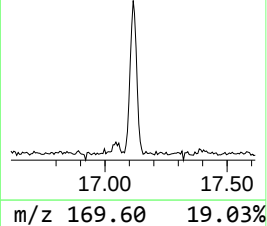
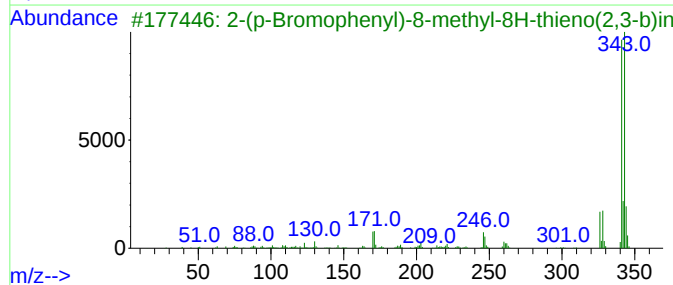
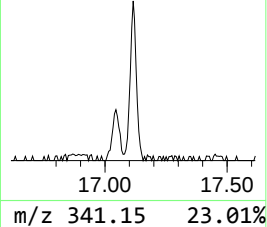
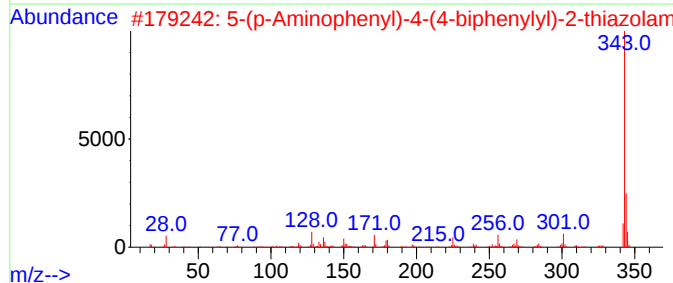
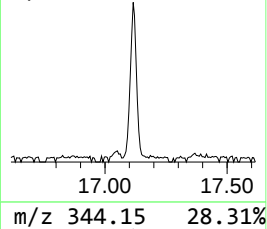
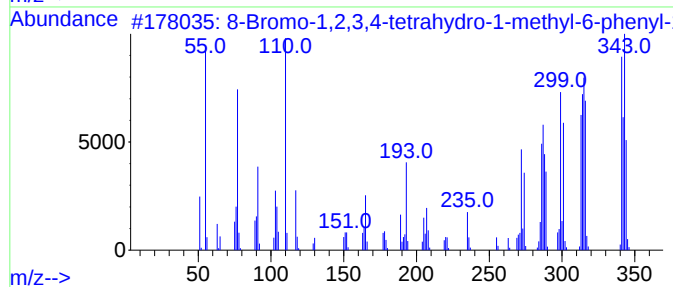
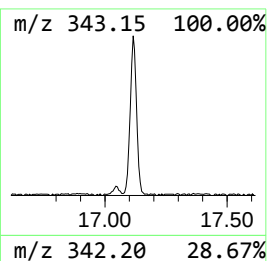
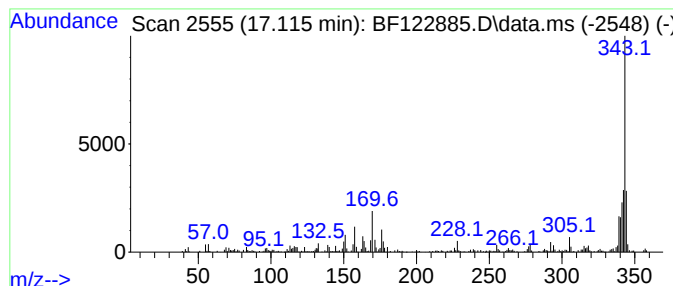
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 8-Bromo-1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.115	8.81 ng	553116	Perylene-d12	15.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	97
2			5-(p-Aminophenyl)-4-(4-biphenyly...	343	C21H17N3S	094863-57-7	43
3			2-(p-Bromophenyl)-8-methyl-8H-th...	341	C17H12BrNS	022315-11-3	38
4			Silane, diethyldodecyloxyhexyloxy-	372	C22H48O2Si	1000363-74-0	32
5			Silane, dimethylpentylloxytetrad...	358	C21H46O2Si	1000346-83-2	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122885.D
Acq On : 30 Dec 2020 18:32
Operator : JU/CG
Sample : L5242-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6(444+26)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
Indene	7.081	3.8	ng	138053	1	6.822	725698	20.0
1(2H)-Acenaphth...	10.774	3.1	ng	142017	4	11.345	916227	20.0
Phenanthrene, 2...	11.874	5.7	ng	260673	4	11.345	916227	20.0
4H-Cyclopenta[d...	11.963	6.8	ng	311469	4	11.345	916227	20.0
9,10-Anthracene...	12.174	5.3	ng	240437	4	11.345	916227	20.0
Cyclopenta(def)...	12.486	7.2	ng	328633	4	11.345	916227	20.0
Pyridazine-3,6(...	12.657	4.6	ng	210540	4	11.345	916227	20.0
Pyrene, 1-methyl-	13.098	2.7	ng	449642	5	13.998	3278780	20.0
Pyrene, 2-methyl-	13.221	3.2	ng	525416	5	13.998	3278780	20.0
11H-Benzo[a]flu...	13.633	4.1	ng	672071	5	13.998	3278780	20.0
Anthra(1,2-b)th...	13.739	3.4	ng	562118	5	13.998	3278780	20.0
Cyclopenta[cd]p...	13.792	4.3	ng	701615	5	13.998	3278780	20.0
7H-Benz[de]anth...	13.845	4.8	ng	786560	5	13.998	3278780	20.0
Benz(a)anthrace...	14.427	2.8	ng	461311	5	13.998	3278780	20.0
9-Octadecenamid...	14.739	6.5	ng	404555	6	15.462	1255390	20.0
Phenanthro[3,4-...	14.821	3.1	ng	196668	6	15.462	1255390	20.0
9,10[1',2']-Ben...	14.874	7.5	ng	469768	6	15.462	1255390	20.0
Benzo[e]pyrene	15.145	8.0	ng	501952	6	15.462	1255390	20.0
Perylene	15.345	30.6	ng	1923770	6	15.462	1255390	20.0
8-Bromo-1,2,3,4...	17.115	8.8	ng	553116	6	15.462	1255390	20.0