

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
 Data File : BF120363.D
 Acq On : 19 May 2020 14:54
 Operator : MA/SJ
 Sample : L2686-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

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-BF051420.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	5.198	525	529	548	rBV	3305207	3835592	57.70%	3.367%
2	6.251	704	708	734	rBV	3032670	4067167	61.18%	3.571%
3	6.592	762	766	777	rBV	1350283	1552391	23.35%	1.363%
4	6.745	788	792	808	rBV	3584400	3986783	59.97%	3.500%
5	7.163	858	863	894	rBV	2934061	3287057	49.45%	2.886%
6	7.369	894	898	902	rVV	103822	104160	1.57%	0.091%
7	7.881	980	985	1004	rBV	2025156	2285640	34.38%	2.007%
8	8.963	1163	1169	1179	rBV	5646133	5723447	86.09%	5.025%
9	9.086	1185	1190	1194	rVB	1368091	1244190	18.72%	1.092%
10	9.357	1233	1236	1243	rVB	653984	622522	9.36%	0.547%
11	9.492	1256	1259	1266	rBV	940903	901652	13.56%	0.792%
12	9.633	1278	1283	1295	rBV	2528976	2438072	36.67%	2.140%
13	9.951	1333	1337	1340	rBV2	82149	99211	1.49%	0.087%
14	10.086	1356	1360	1364	rVB3	99961	116310	1.75%	0.102%
15	10.227	1380	1384	1392	rVV	441375	466579	7.02%	0.410%
16	10.427	1412	1418	1430	rBV	2611323	3020378	45.43%	2.652%
17	10.551	1436	1439	1446	rVB3	181599	211988	3.19%	0.186%
18	10.733	1465	1470	1472	rBV4	69406	101125	1.52%	0.089%
19	10.880	1493	1495	1501	rVB	126301	128054	1.93%	0.112%
20	10.927	1501	1503	1507	rVV2	97445	103609	1.56%	0.091%
21	11.016	1516	1518	1525	rVB	98096	139781	2.10%	0.123%
22	11.122	1532	1536	1538	rBV	2176367	2345847	35.29%	2.059%
23	11.145	1538	1540	1545	rVV	1573024	1439516	21.65%	1.264%
24	11.192	1545	1548	1552	rVV	482014	481710	7.25%	0.423%
25	11.227	1552	1554	1560	rVV2	116961	165545	2.49%	0.145%
26	11.310	1564	1568	1573	rVB4	82624	127876	1.92%	0.112%
27	11.357	1573	1576	1584	rBV2	202690	418669	6.30%	0.368%
28	11.416	1584	1586	1590	rVV2	170761	239694	3.61%	0.210%
29	11.451	1590	1592	1598	rVV3	131618	179077	2.69%	0.157%
30	11.527	1600	1605	1609	rVB5	77095	132825	2.00%	0.117%
31	11.622	1617	1621	1623	rBV	554519	496049	7.46%	0.435%
32	11.651	1623	1626	1627	rVV	687657	623503	9.38%	0.547%
33	11.698	1631	1634	1636	rVV2	271744	289095	4.35%	0.254%
34	11.727	1636	1639	1642	rVV	890210	999200	15.03%	0.877%

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35	11.751	1642	1643	1650	rVB	466908	449989	6.77%	0.395%
36	11.810	1650	1653	1655	rBV2	91641	99679	1.50%	0.088%
37	11.833	1655	1657	1659	rVV	155106	121369	1.83%	0.107%
38	11.857	1659	1661	1664	rVV	136028	106199	1.60%	0.093%
39	11.916	1668	1671	1674	rVV	391865	424261	6.38%	0.372%
40	11.951	1674	1677	1682	rVB	334246	369736	5.56%	0.325%
41	12.098	1700	1702	1704	rBV	202421	141912	2.13%	0.125%
42	12.121	1704	1706	1709	rVB	187789	169672	2.55%	0.149%
43	12.174	1711	1715	1718	rBV	735003	897752	13.50%	0.788%
44	12.204	1718	1720	1722	rVV2	308206	315485	4.75%	0.277%
45	12.227	1722	1724	1727	rVB2	283073	255508	3.84%	0.224%
46	12.263	1727	1730	1734	rBV2	484575	537574	8.09%	0.472%
47	12.339	1738	1743	1746	rBV	5192917	5324656	80.10%	4.674%
48	12.380	1747	1750	1755	rVB2	347223	338336	5.09%	0.297%
49	12.427	1755	1758	1760	rBV	460723	334292	5.03%	0.293%
50	12.451	1760	1762	1764	rBV	206537	177209	2.67%	0.156%
51	12.563	1775	1781	1785	rBV2	4548735	5342661	80.37%	4.690%
52	12.616	1788	1790	1794	rVB2	319062	390450	5.87%	0.343%
53	12.680	1798	1801	1803	rBV2	343064	355632	5.35%	0.312%
54	12.710	1803	1806	1813	rVB	4623169	4698483	70.68%	4.125%
55	12.780	1813	1818	1826	rBV3	622446	1106836	16.65%	0.972%
56	12.868	1830	1833	1835	rBV3	497296	686932	10.33%	0.603%
57	12.892	1835	1837	1841	rVB	848497	734849	11.05%	0.645%
58	12.957	1841	1848	1851	rBV2	489028	689682	10.37%	0.605%
59	12.992	1851	1854	1858	rVV	743609	826036	12.43%	0.725%
60	13.057	1862	1865	1866	rBV	118148	130550	1.96%	0.115%
61	13.086	1867	1870	1873	rVV	528234	444861	6.69%	0.391%
62	13.116	1873	1875	1879	rVB	421177	371190	5.58%	0.326%
63	13.292	1898	1905	1908	rBV5	278122	490524	7.38%	0.431%
64	13.374	1917	1919	1921	rBV3	106973	105416	1.59%	0.093%
65	13.404	1921	1924	1930	rVB	715651	728976	10.97%	0.640%
66	13.463	1931	1934	1937	rVB	125115	129295	1.94%	0.114%
67	13.510	1937	1942	1944	rBV	823323	912018	13.72%	0.801%
68	13.533	1944	1946	1948	rVV	534346	517522	7.78%	0.454%
69	13.563	1948	1951	1954	rVV	415889	477974	7.19%	0.420%
70	13.616	1957	1960	1968	rVB4	973492	1494236	22.48%	1.312%
71	13.680	1968	1971	1977	rVB2	155509	259251	3.90%	0.228%

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72	13.757	1979	1984	1988	rBV3	3408295	5669585	85.28%	4.977%
73	13.792	1988	1990	1997	rVB	3168298	2870157	43.17%	2.520%
74	13.910	2008	2010	2013	rBV	406999	477737	7.19%	0.419%
75	14.115	2042	2045	2046	rBV	180388	188006	2.83%	0.165%
76	14.151	2048	2051	2054	rVB2	756258	713584	10.73%	0.626%
77	14.186	2054	2057	2061	rVB2	395714	433099	6.51%	0.380%
78	14.245	2064	2067	2069	rBV2	435556	476716	7.17%	0.419%
79	14.345	2082	2084	2087	rVB	220723	190768	2.87%	0.167%
80	14.539	2113	2117	2120	rBV2	362705	500043	7.52%	0.439%
81	14.621	2129	2131	2135	rVB2	230392	226296	3.40%	0.199%
82	14.668	2136	2139	2143	rVV3	565854	569201	8.56%	0.500%
83	14.774	2152	2157	2166	rBV	3087480	6647861	100.00%	5.836%
84	14.845	2166	2169	2171	rVV2	487011	598795	9.01%	0.526%
85	14.868	2171	2173	2183	rVB	1422664	1794650	27.00%	1.576%
86	15.045	2199	2203	2209	rVB	1965599	2564882	38.58%	2.252%
87	15.104	2209	2213	2218	rBV	2427725	3189548	47.98%	2.800%
88	15.157	2218	2222	2225	rVV	1187095	1577782	23.73%	1.385%
89	15.186	2225	2227	2236	rVB2	903799	1214154	18.26%	1.066%
90	15.362	2254	2257	2262	rVB3	396345	540427	8.13%	0.474%
91	15.568	2289	2292	2298	rVB2	323576	518636	7.80%	0.455%
92	15.627	2299	2302	2305	rBV3	181559	234073	3.52%	0.205%
93	16.304	2409	2417	2421	rBV3	241324	735982	11.07%	0.646%
94	16.486	2441	2448	2454	rBV	1618272	3018470	45.41%	2.650%
95	16.545	2454	2458	2463	rVB2	213722	382772	5.76%	0.336%
96	16.633	2468	2473	2478	rBV	327318	613577	9.23%	0.539%
97	16.686	2478	2482	2488	rVB3	302975	527136	7.93%	0.463%
98	16.886	2508	2516	2524	rVB	1092797	2342886	35.24%	2.057%
99	17.092	2547	2551	2566	rVB2	287827	739787	11.13%	0.649%
100	18.892	2850	2857	2868	rVB3	331805	1021896	15.37%	0.897%

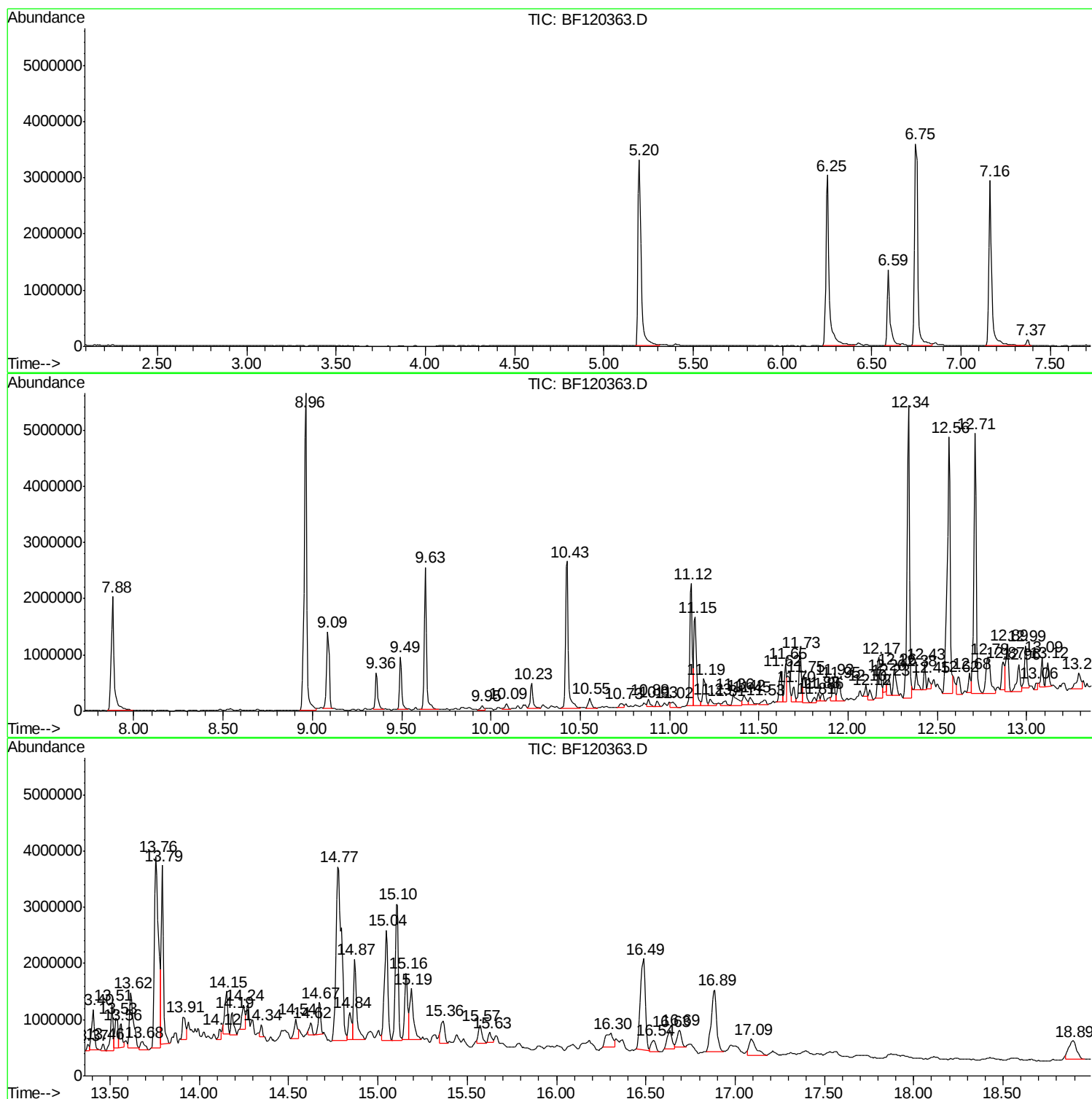
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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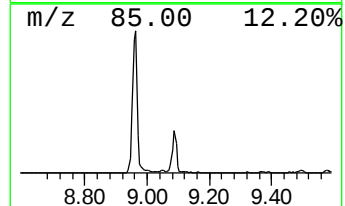
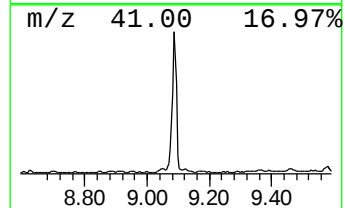
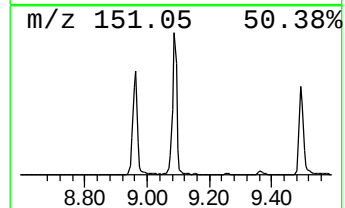
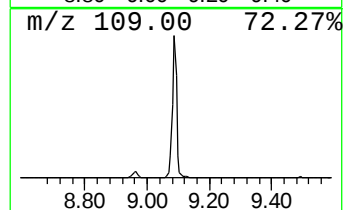
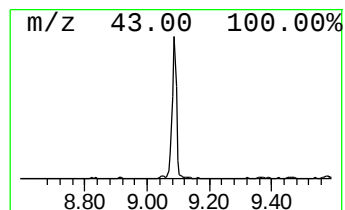
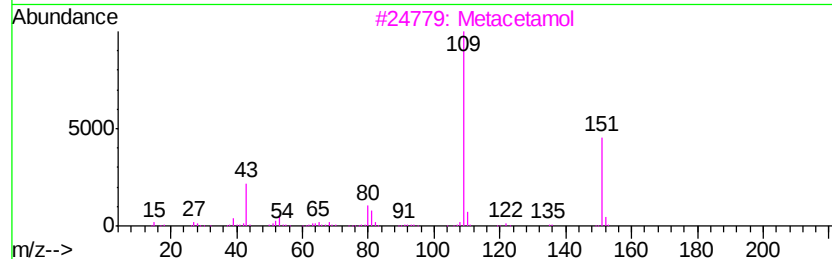
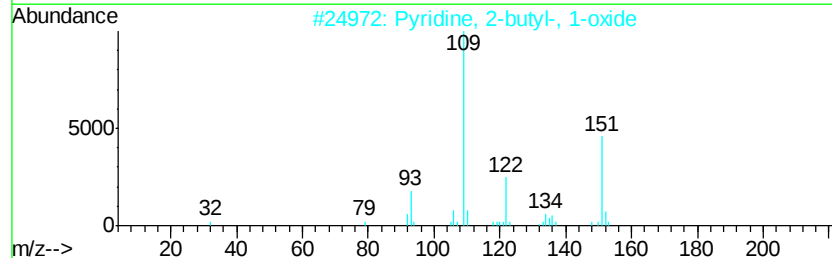
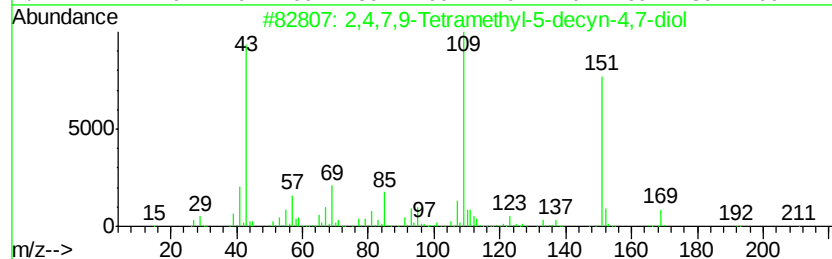
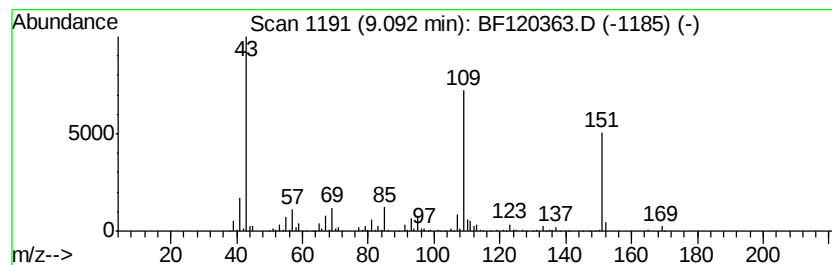
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	10.21 ng	1244190	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2		Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3		Metacetamol	151	C8H9NO2	000621-42-1	58
4		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5		Acetaminophen	151	C8H9NO2	000103-90-2	53



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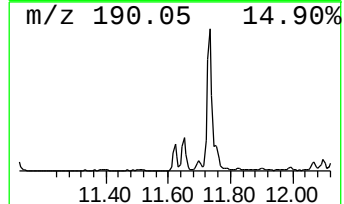
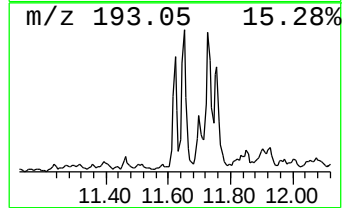
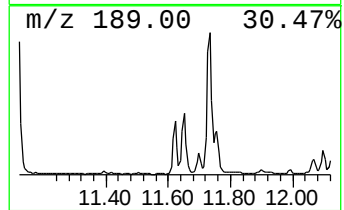
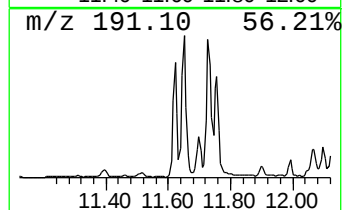
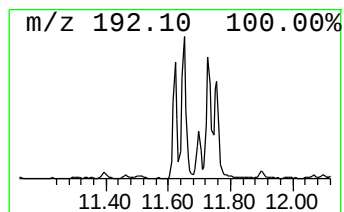
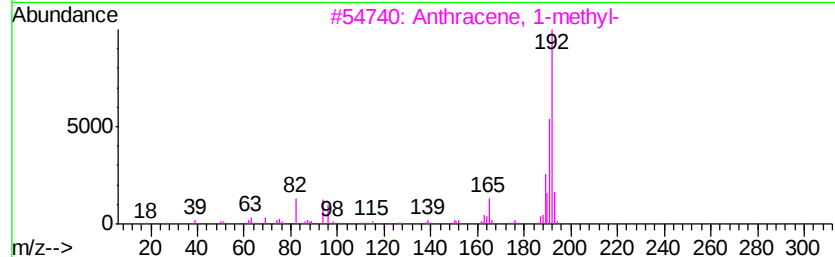
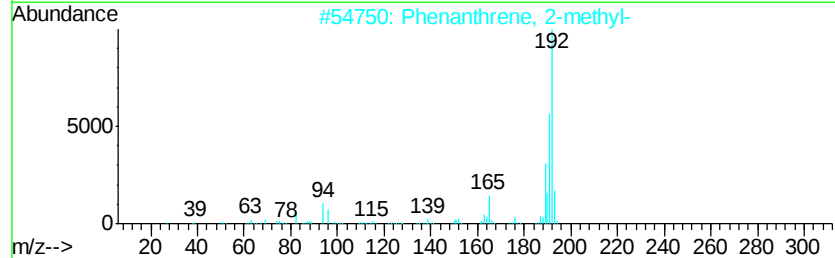
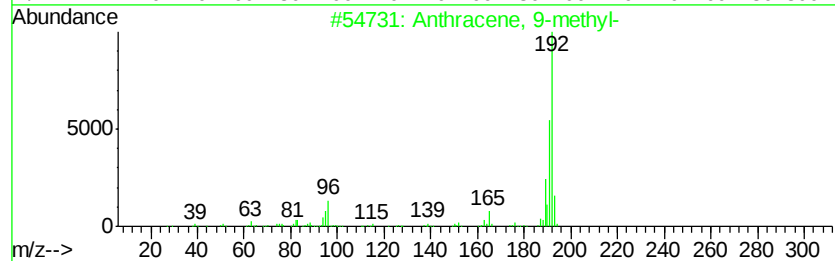
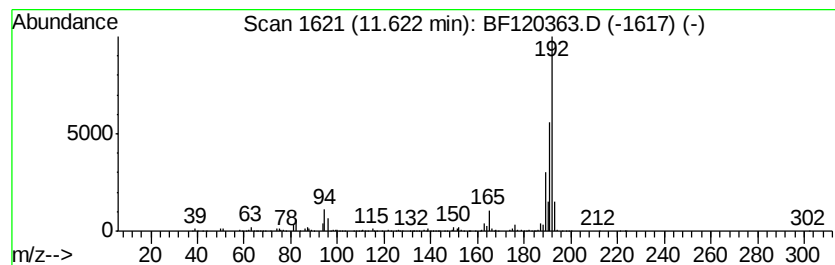
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	4.23 ng	496049	Phenanthrene-d10	11.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



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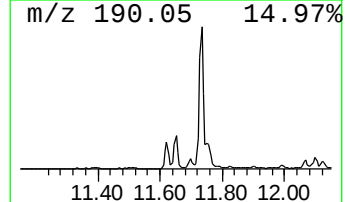
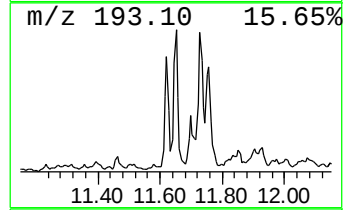
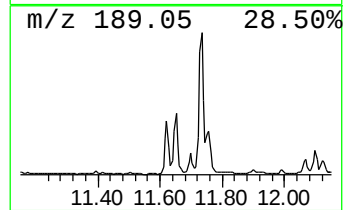
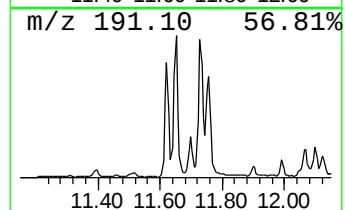
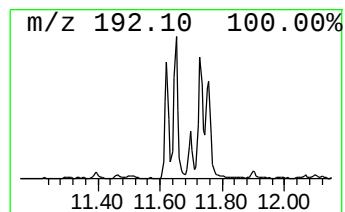
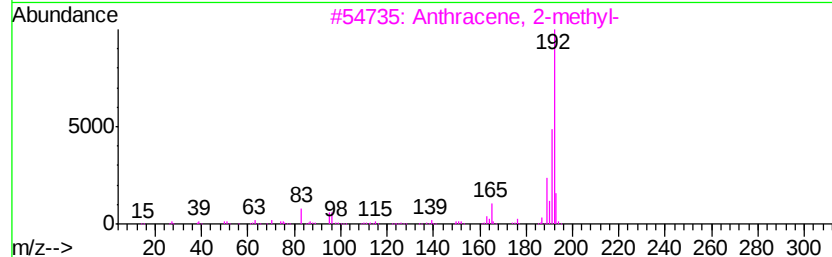
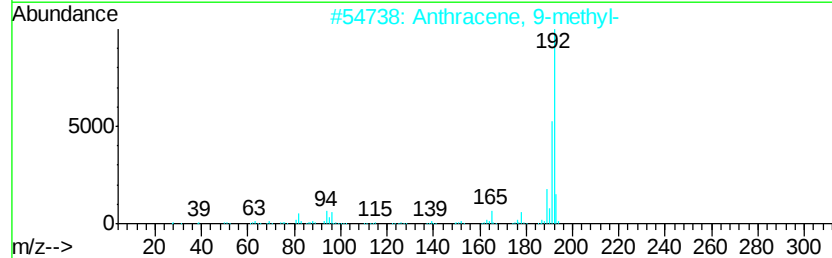
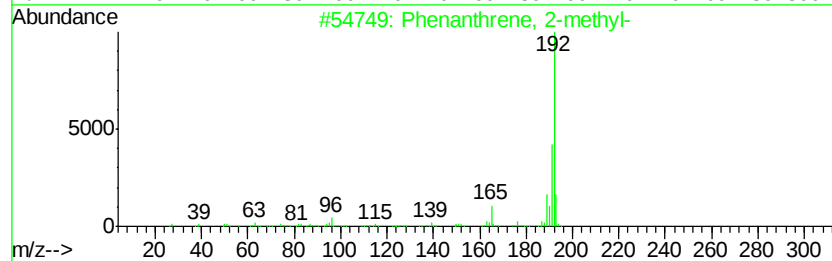
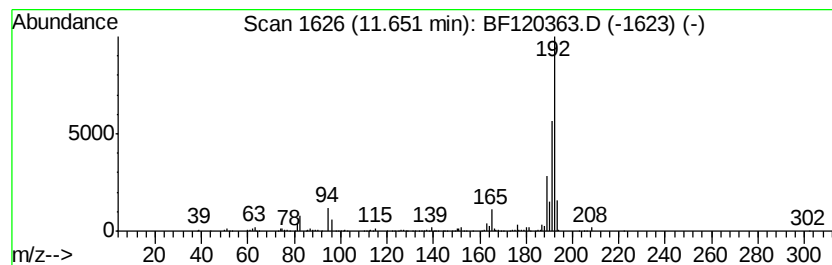
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.65	5.32 ng	623503	Phenanthrene-d10		11.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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Data File : BF120363.D
Acq On : 19 May 2020 14:54
Operator : MA/SJ
Sample : L2686-05
Misc :
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Instrument :
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ClientSampleId :
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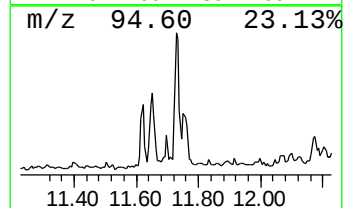
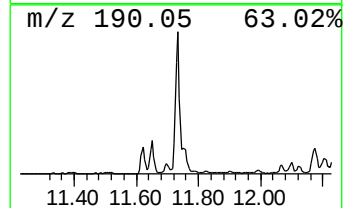
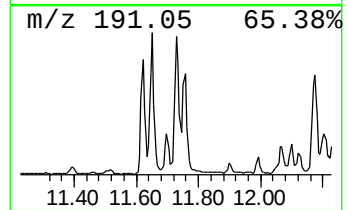
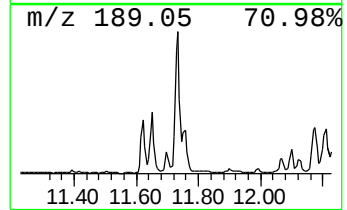
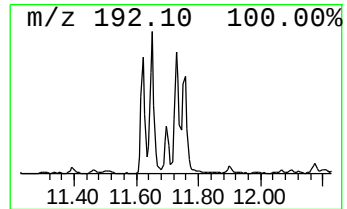
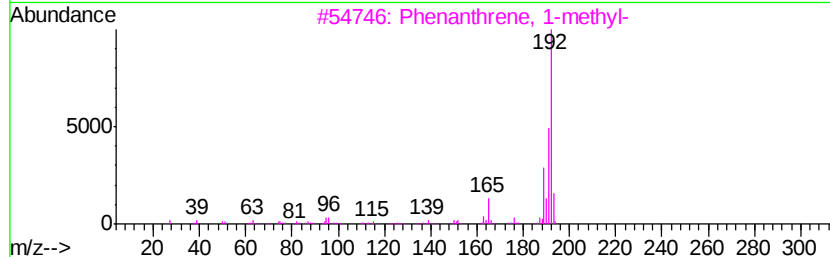
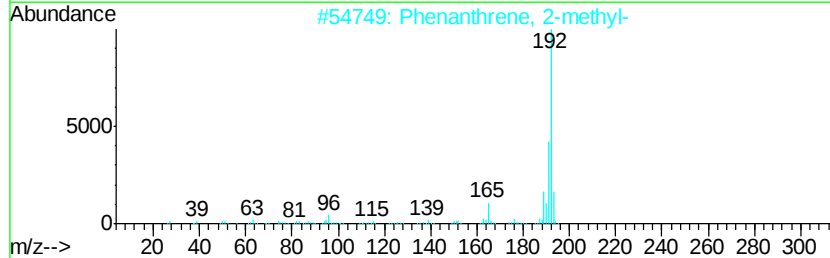
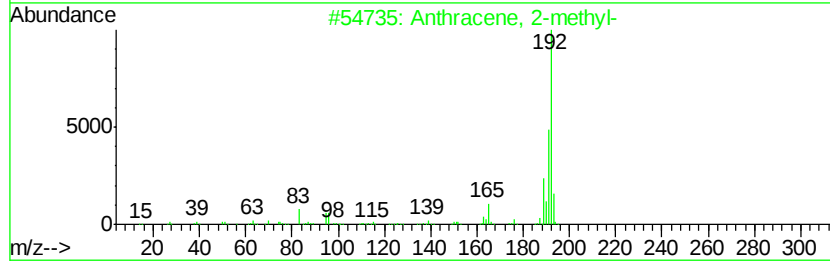
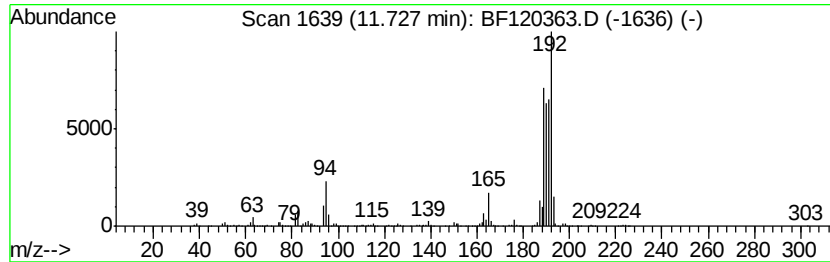
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	8.52 ng	999200	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
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ClientSampleId :
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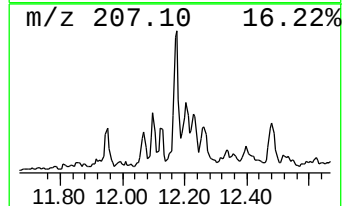
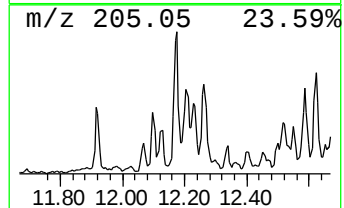
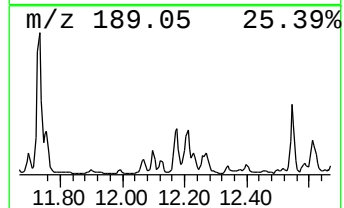
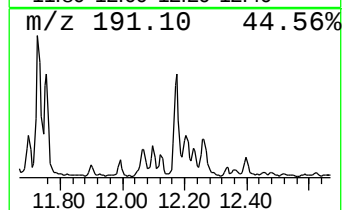
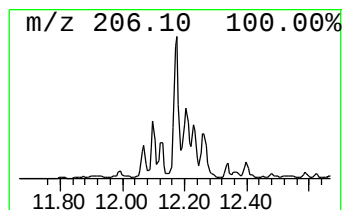
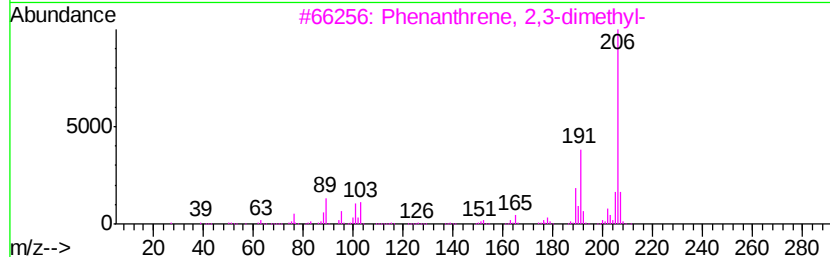
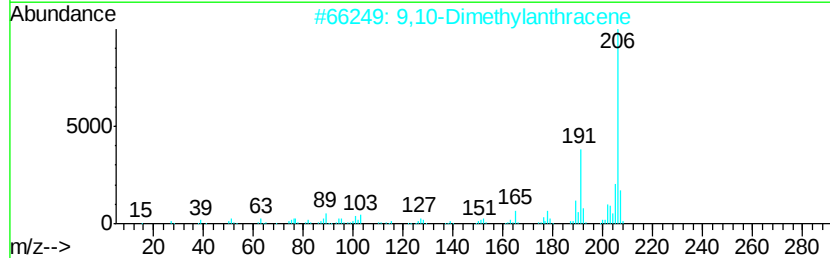
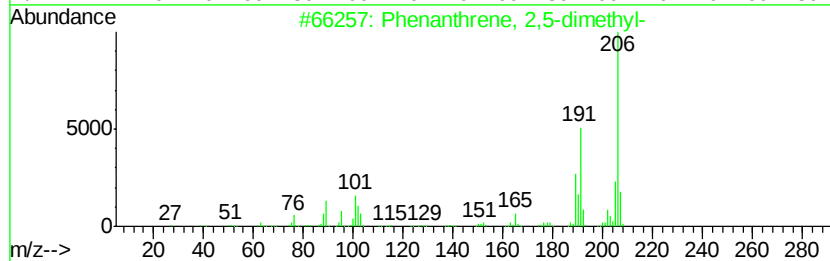
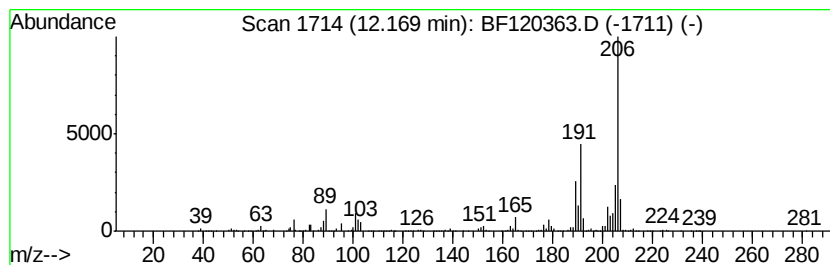
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	7.65 ng	897752	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



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Operator : MA/SJ
Sample : L2686-05
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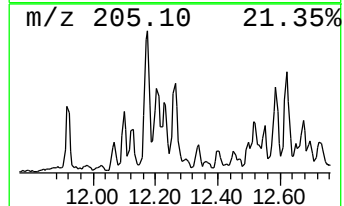
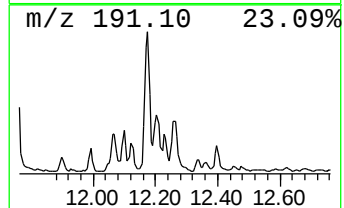
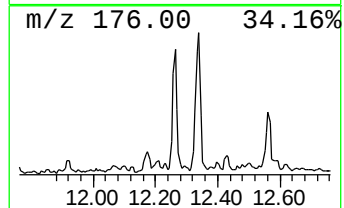
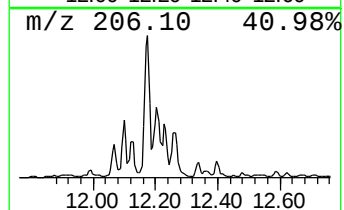
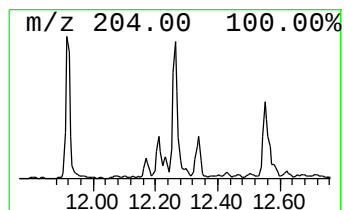
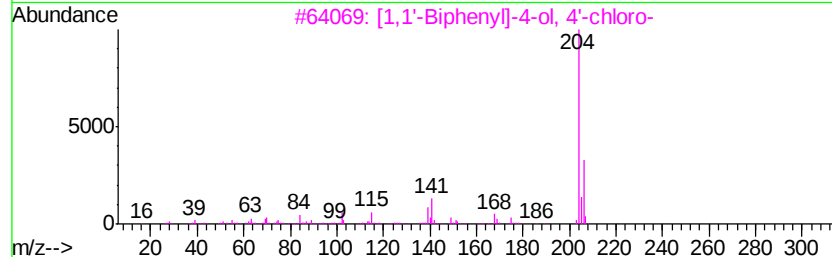
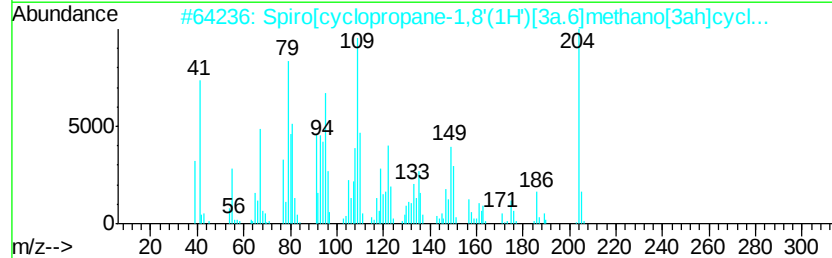
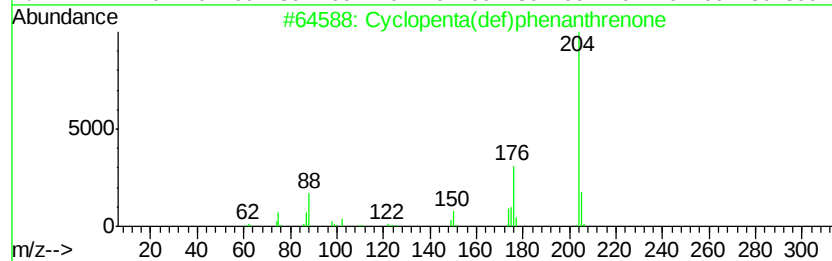
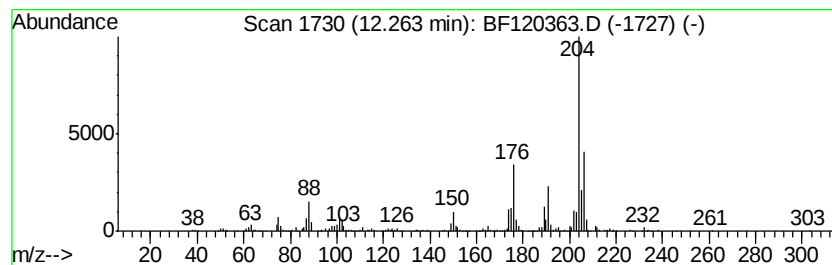
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.26	4.58 ng	537574	Phenanthrene-d10	11.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		Spiro[cyclopropane-1,8'(1H')][3a...	204	C14H20O	452049-62-6	74
3		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	52
4		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	50
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50



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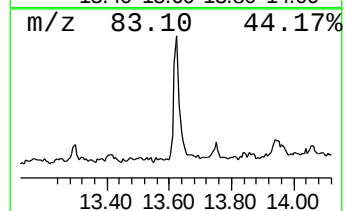
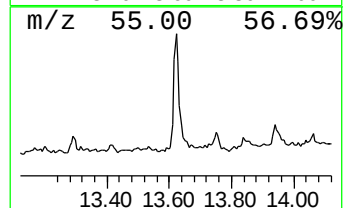
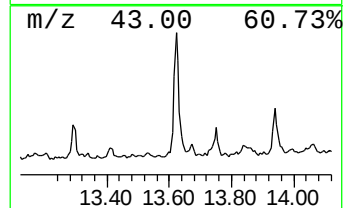
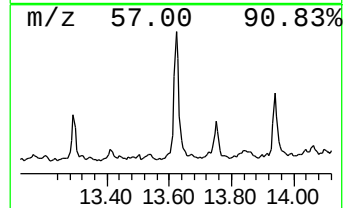
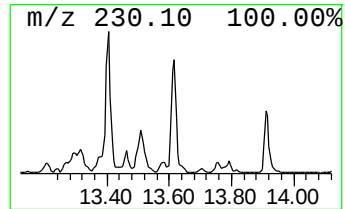
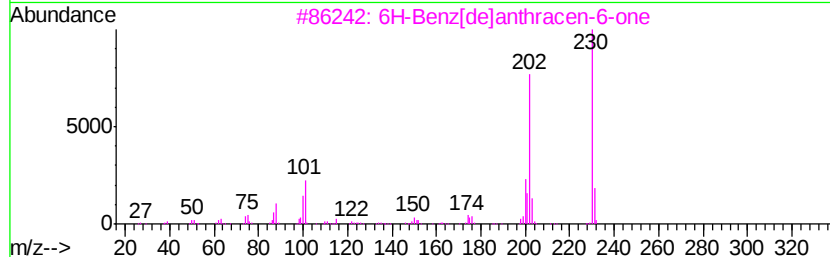
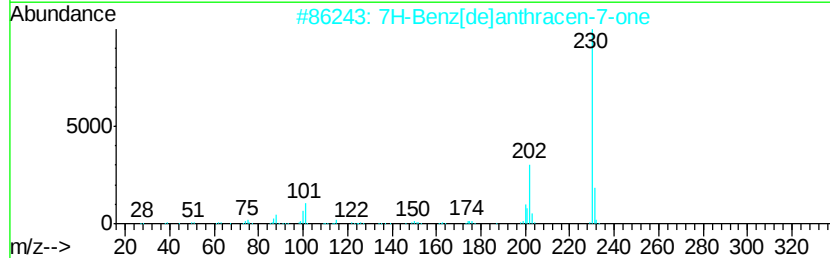
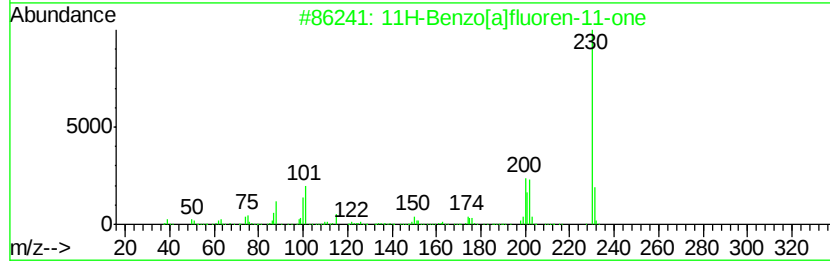
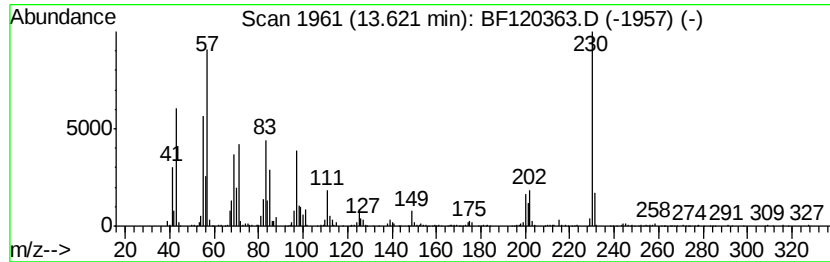
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	5.27 ng	1494240	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64



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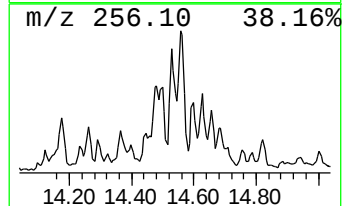
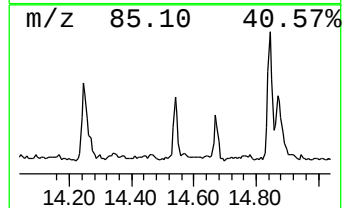
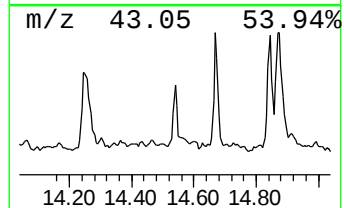
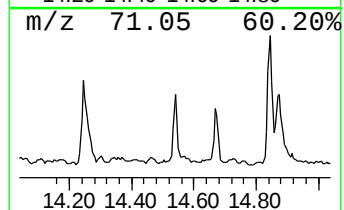
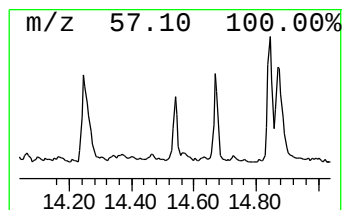
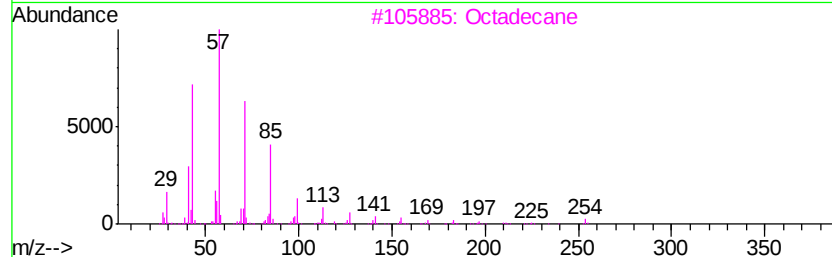
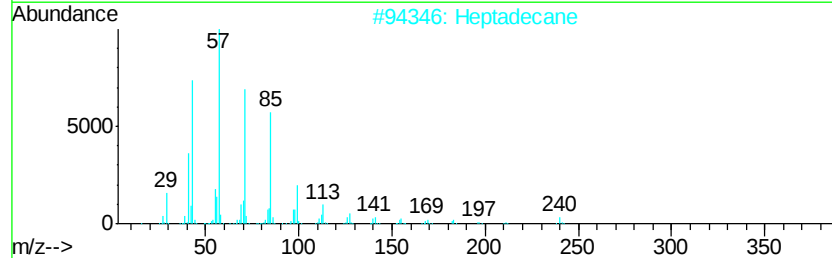
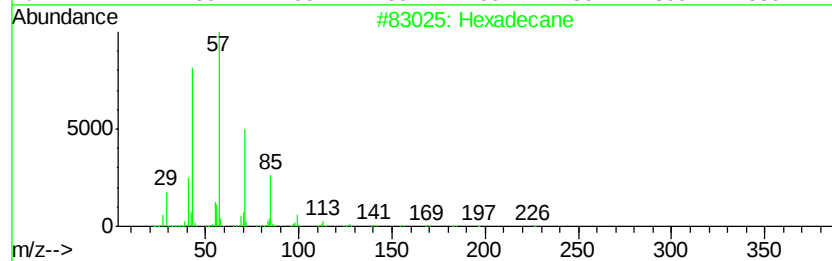
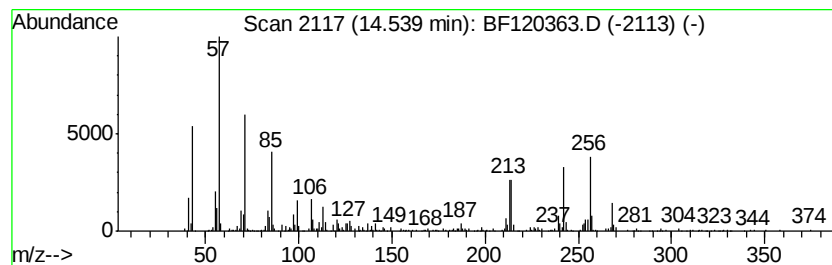
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.34 ng	500043	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	55
2		Heptadecane	240	C17H36	000629-78-7	55
3		Octadecane	254	C18H38	000593-45-3	42
4		Nonadecane	268	C19H40	000629-92-5	42
5		Pentadecane	212	C15H32	000629-62-9	35



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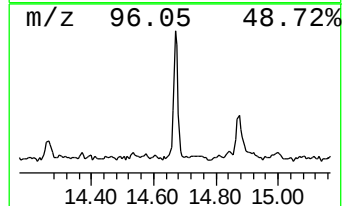
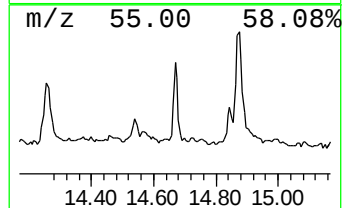
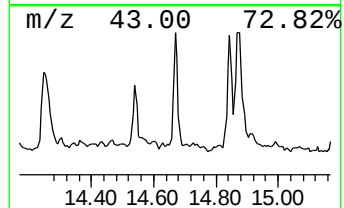
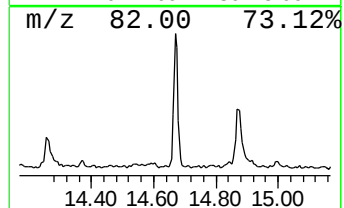
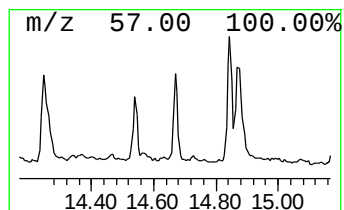
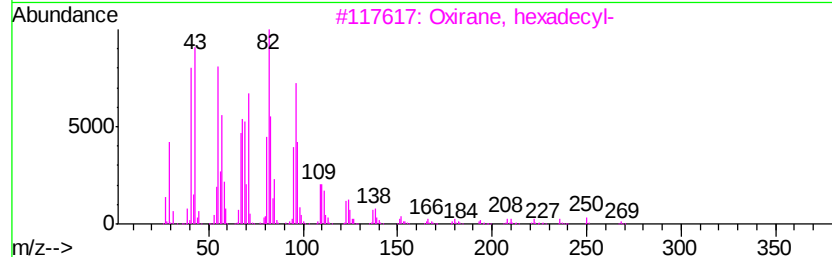
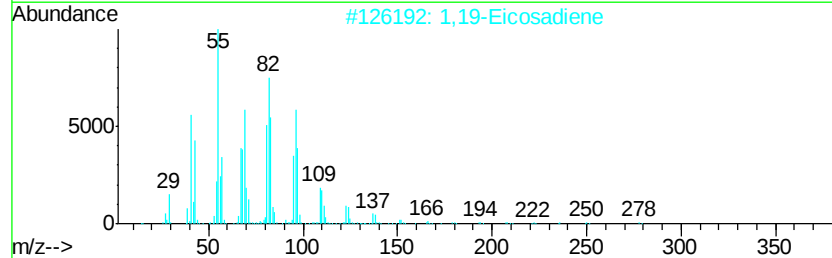
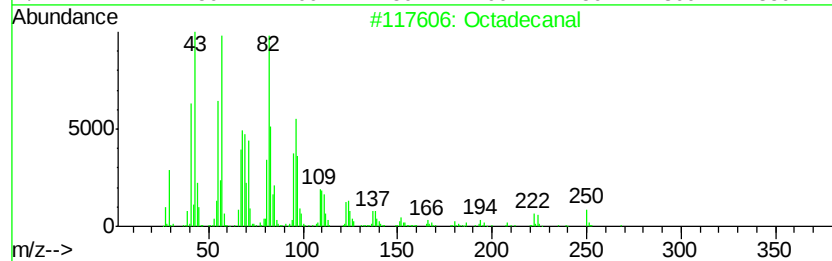
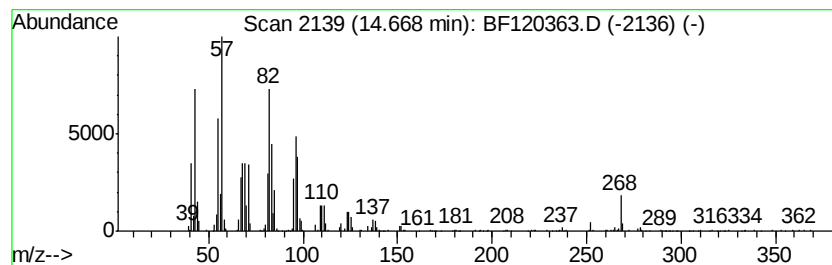
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.22 ng	569201	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		1,19-Eicosadiene	278	C20H38	014811-95-1	87
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	81
5		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	80



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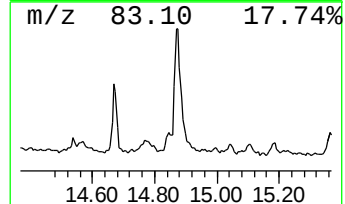
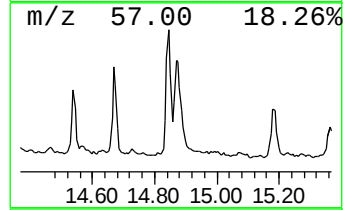
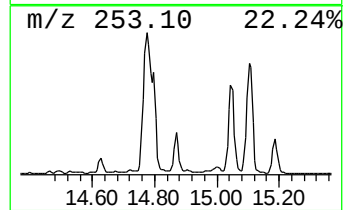
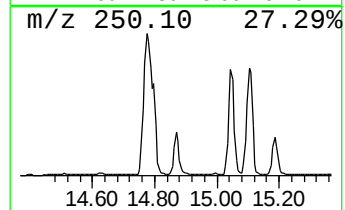
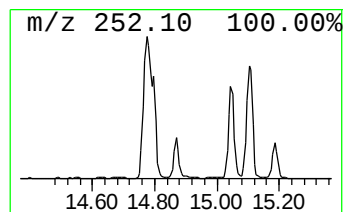
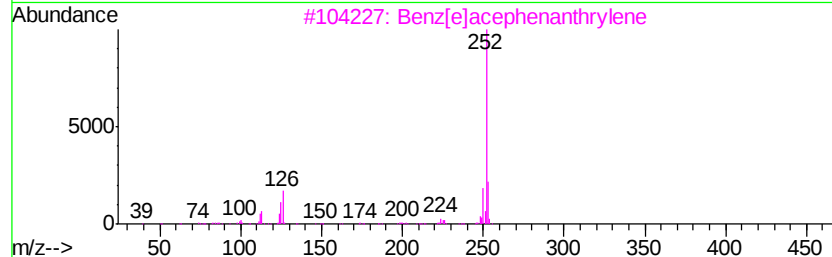
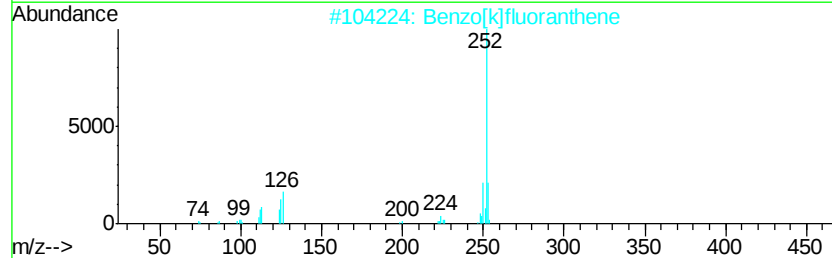
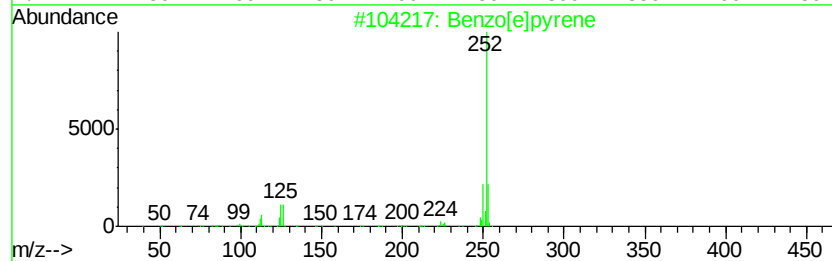
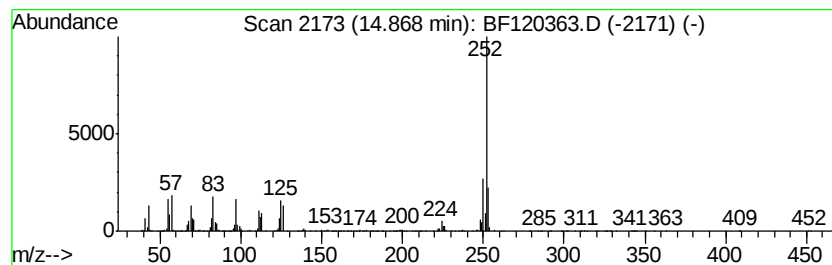
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	22.75 ng	1794650	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Perylene	252	C20H12	000198-55-0	89



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Acq On : 19 May 2020 14:54
Operator : MA/SJ
Sample : L2686-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

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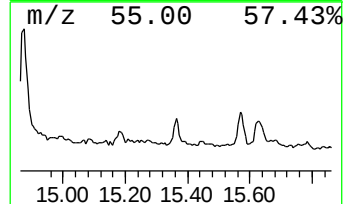
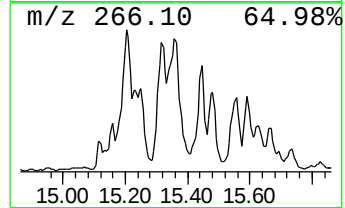
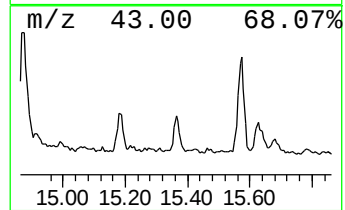
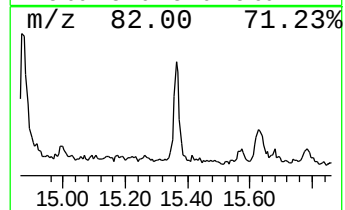
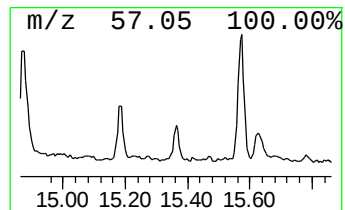
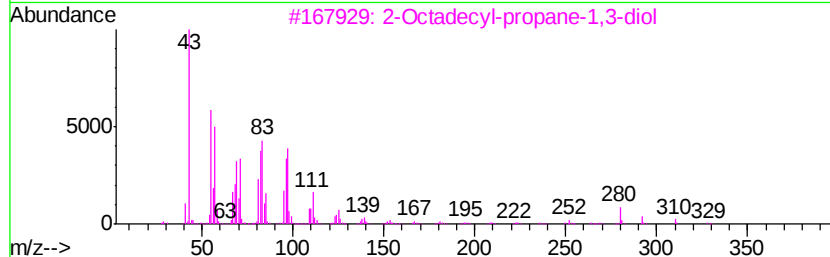
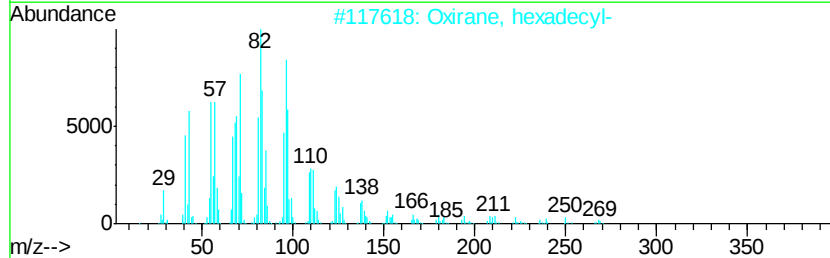
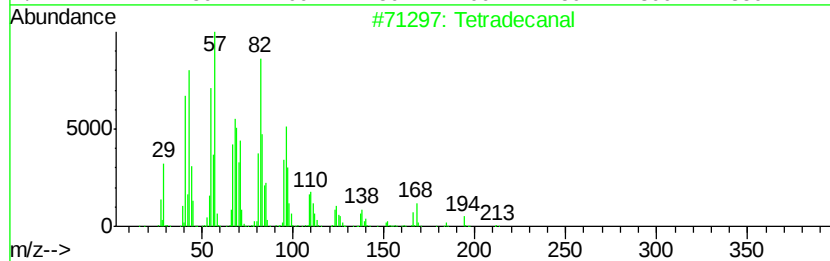
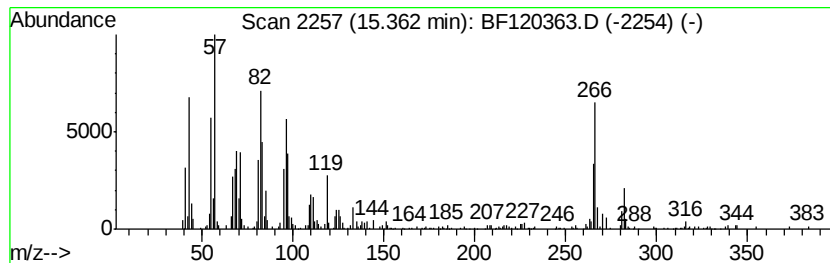
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	6.85 ng	540427	Perylene-d12	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanal	212	C14H28O	000124-25-4	53
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49
3			2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	45
4			Octadecanoic acid, 3-hydroxy-2-t...	511	C33H66O3	018951-36-5	43
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	30



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ALS Vial : 7 Sample Multiplier: 1

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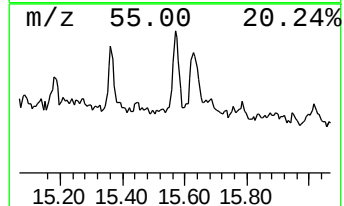
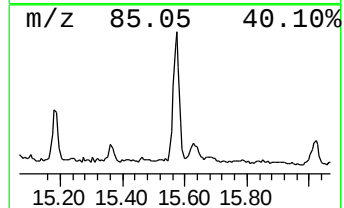
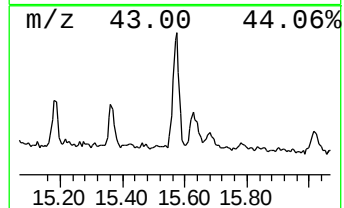
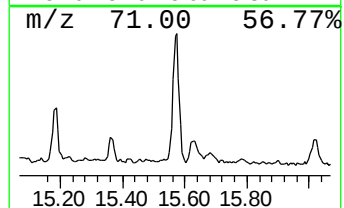
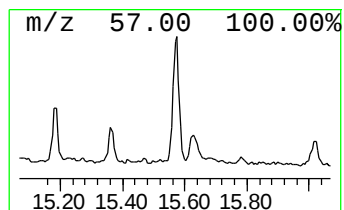
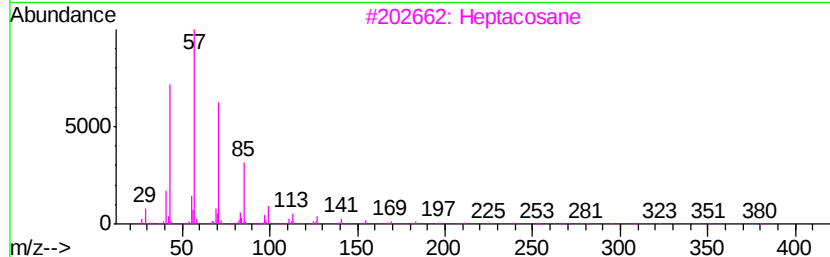
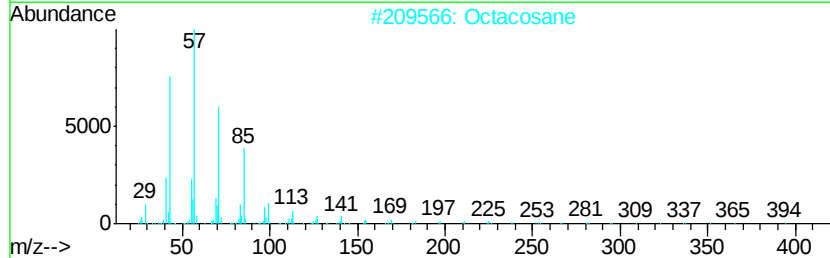
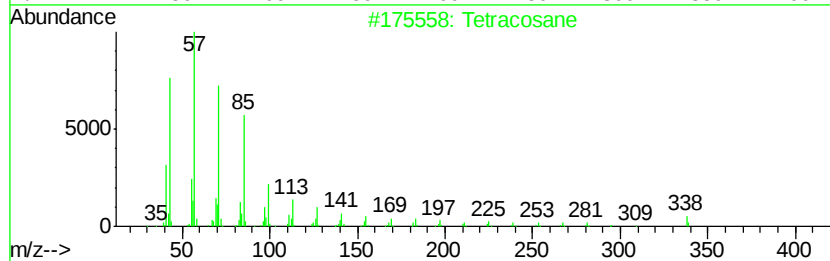
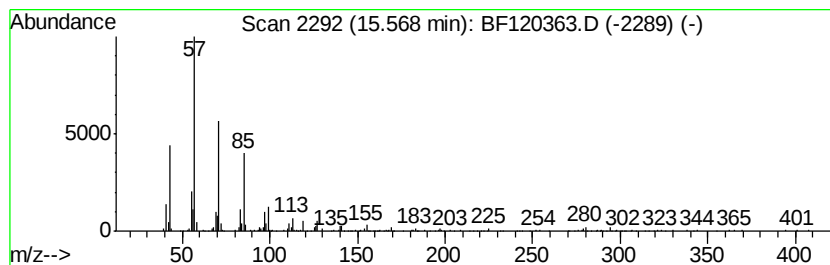
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	6.57 ng	518636	Perylene-d12	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Octacosane	394	C28H58	000630-02-4	95
3			Heptacosane	380	C27H56	000593-49-7	83
4			Eicosane	282	C20H42	000112-95-8	80
5			Hexacosane	366	C26H54	000630-01-3	74



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Sample : L2686-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

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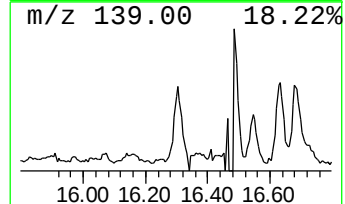
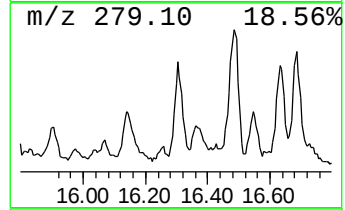
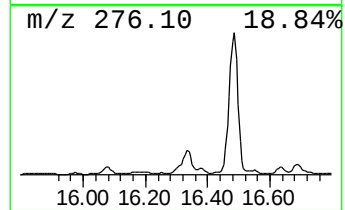
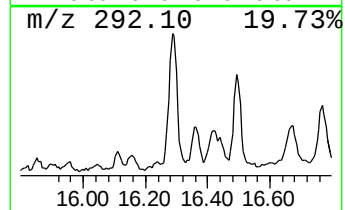
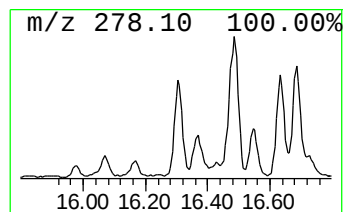
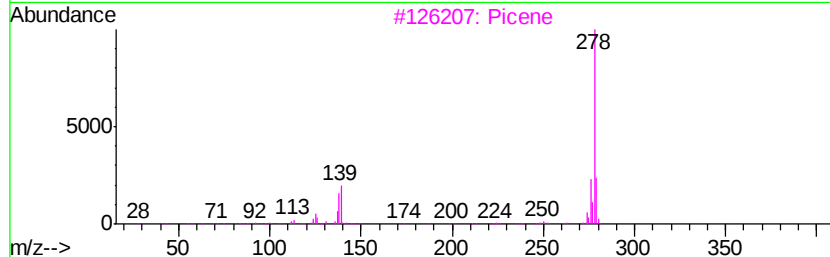
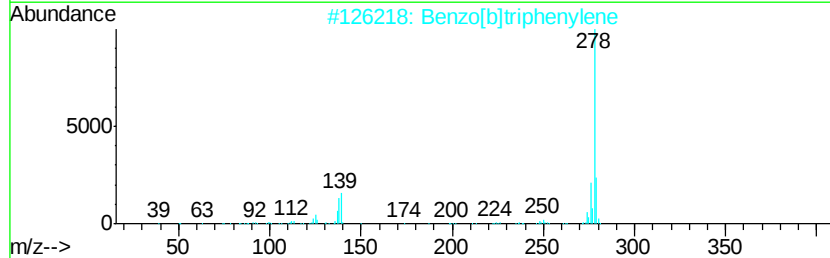
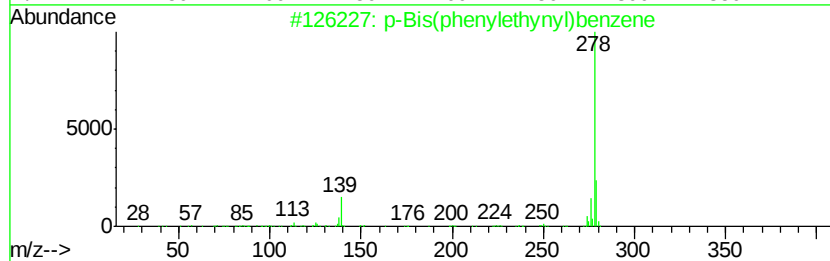
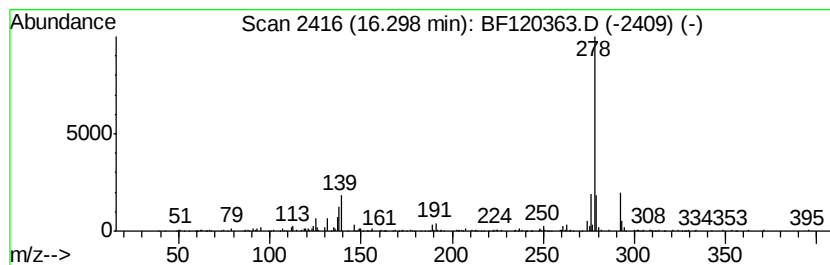
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 p-Bis(phenylethynyl)benzene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	9.33 ng	735982	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	93
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	92
3		Picene	278	C22H14	000213-46-7	92
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
5		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
Data File : BF120363.D
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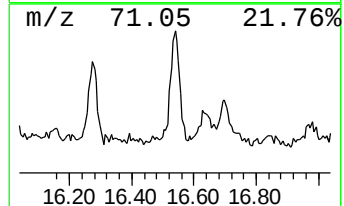
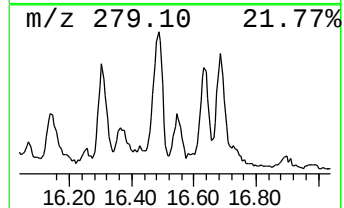
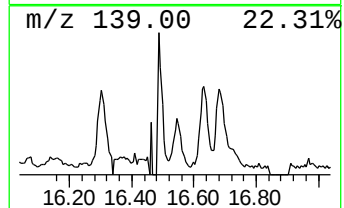
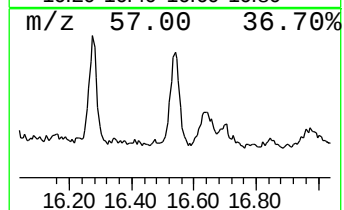
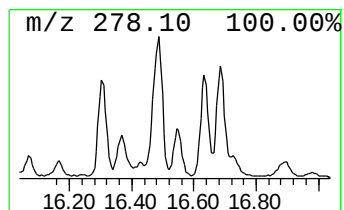
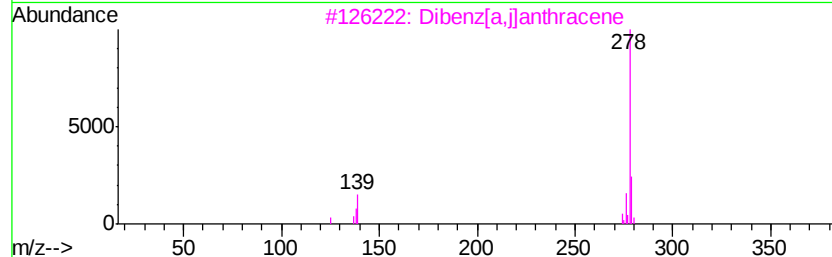
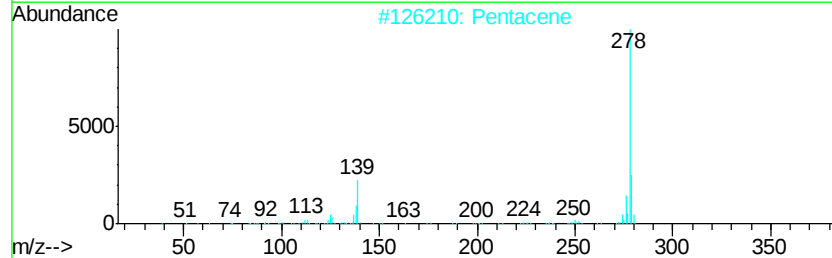
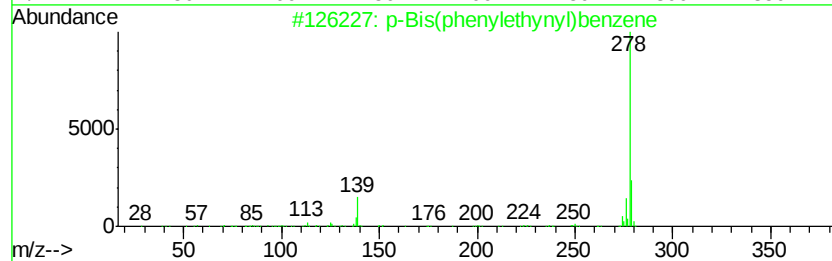
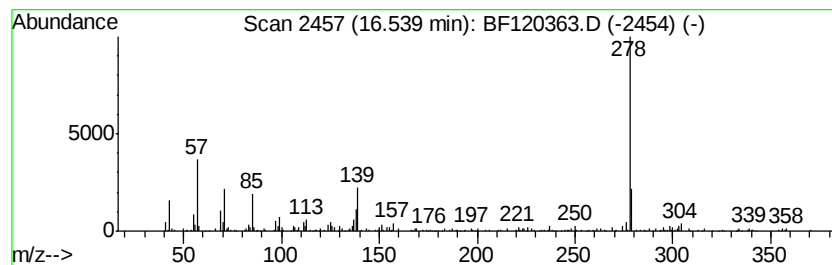
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentacene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	4.85 ng	382772	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	74
2		Pentacene	278	C22H14	000135-48-8	74
3		Dibenz[a,j]anthracene	278	C22H14	000224-41-9	64
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	64
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
Data File : BF120363.D
Acq On : 19 May 2020 14:54
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Misc :
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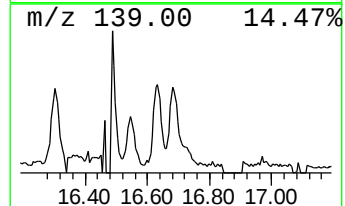
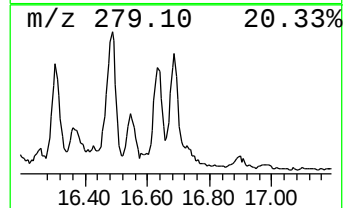
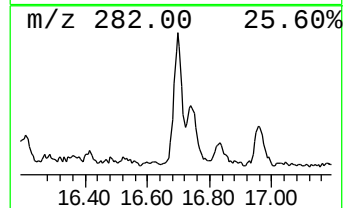
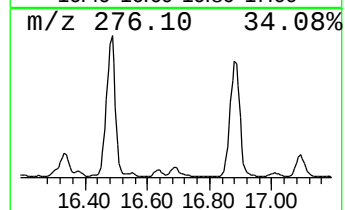
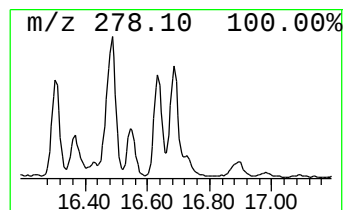
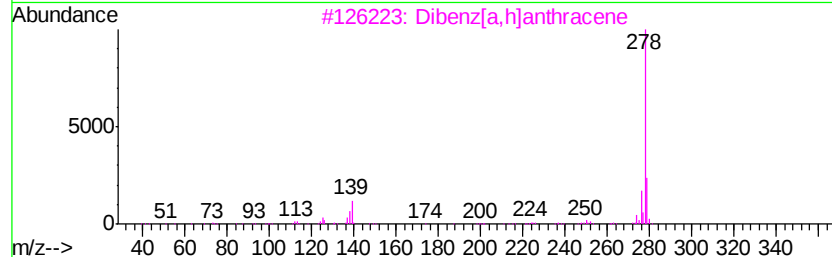
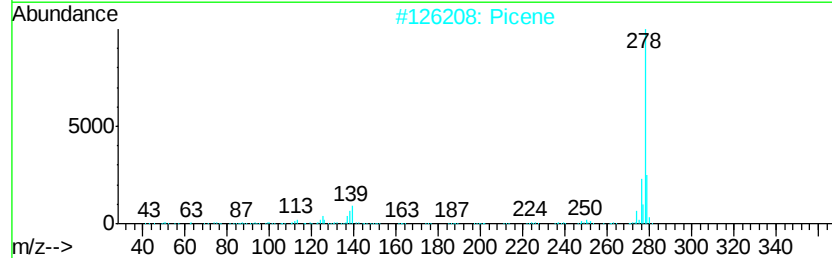
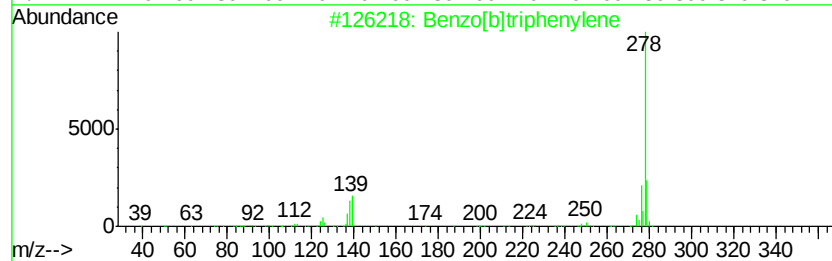
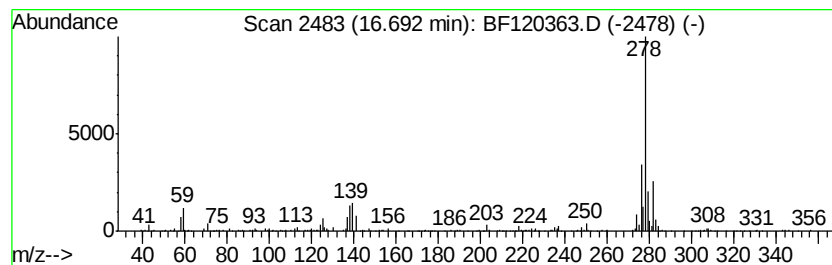
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	6.68 ng	527136	Perylene-d12	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2			Picene	278	C22H14	000213-46-7	98
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4			Benzo[b]chrysene	278	C22H14	000214-17-5	95
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
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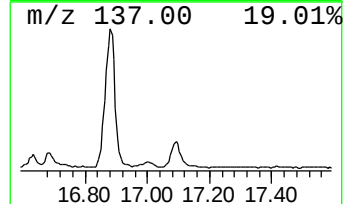
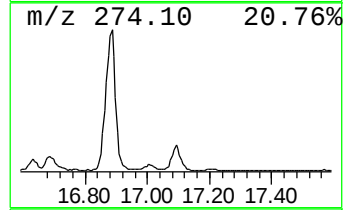
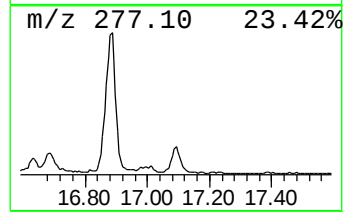
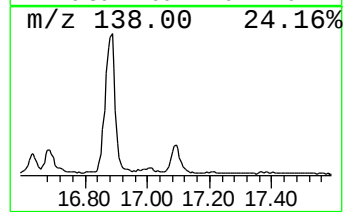
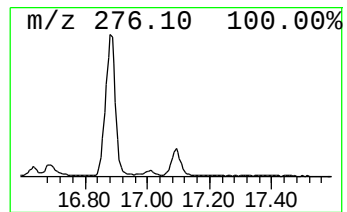
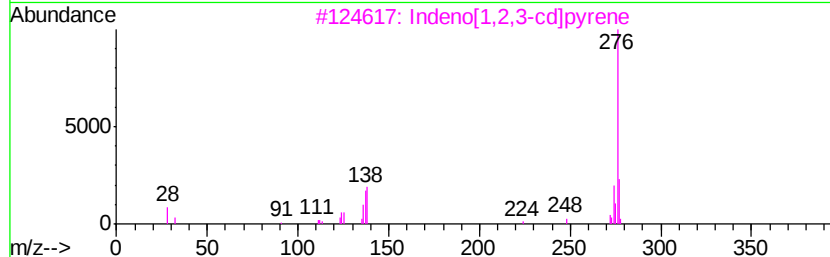
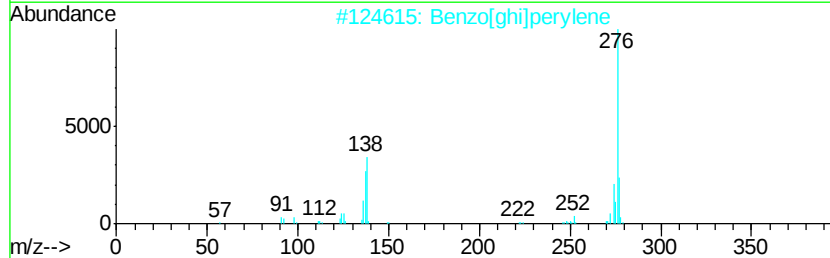
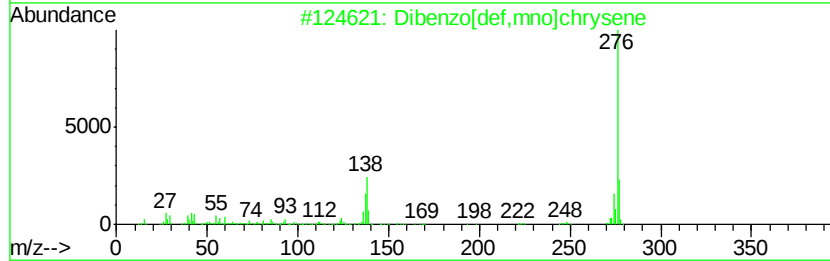
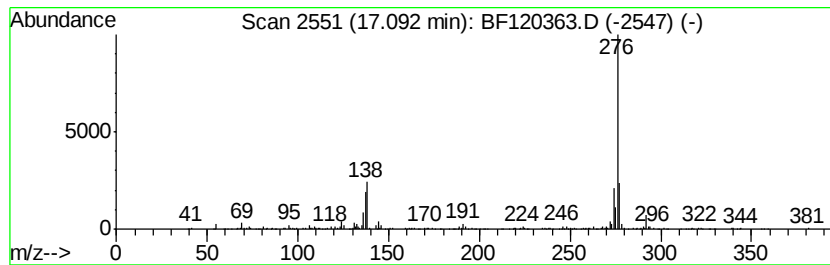
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	9.38 ng	739787	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	90
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5		Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
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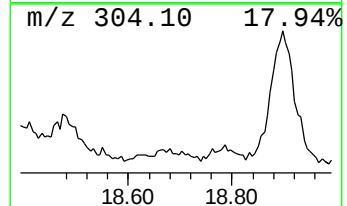
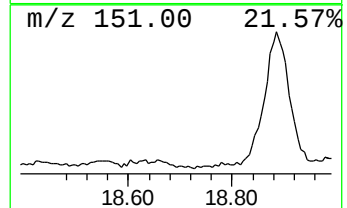
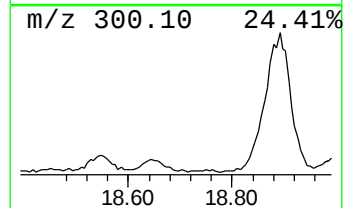
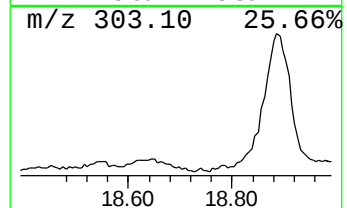
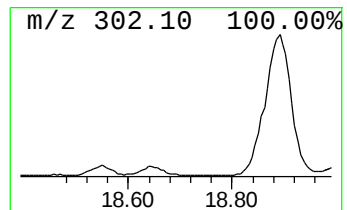
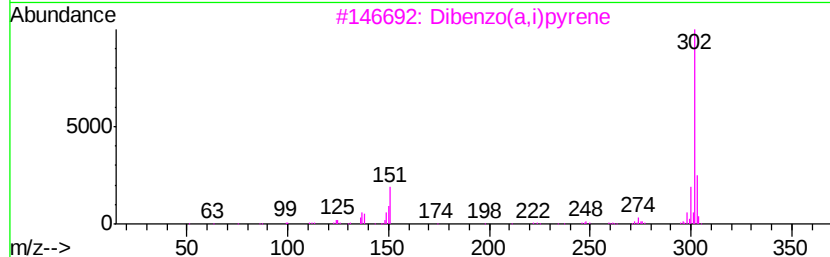
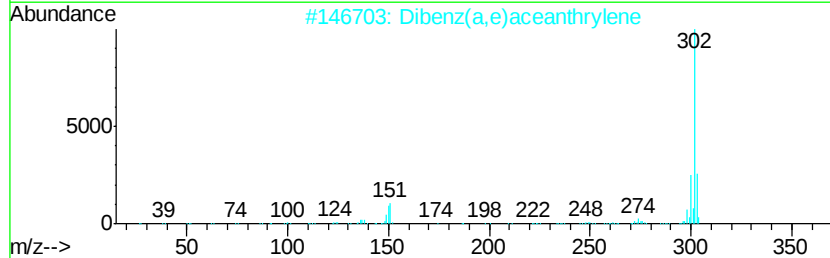
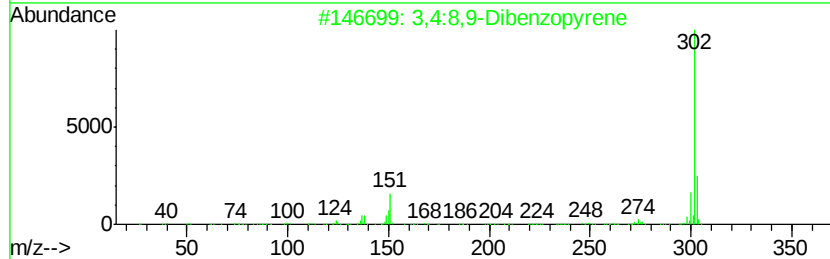
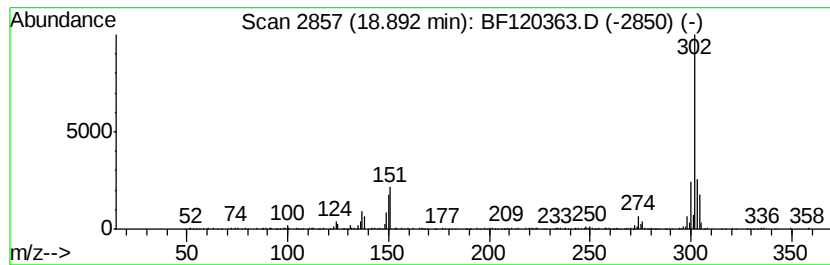
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	12.95 ng	1021900	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	96
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	96
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
 Data File : BF120363.D
 Acq On : 19 May 2020 14:54
 Operator : MA/SJ
 Sample : L2686-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
2,4,7,9-Tetrameth...	9.09	10.2	ng	1244190	3	9.63	2438070	20.0
Anthracene, 9-met...	11.62	4.2	ng	496049	4	11.12	2345850	20.0
Phenanthrene, 2-m...	11.65	5.3	ng	623503	4	11.12	2345850	20.0
Anthracene, 2-met...	11.73	8.5	ng	999200	4	11.12	2345850	20.0
Phenanthrene, 2,5...	12.17	7.7	ng	897752	4	11.12	2345850	20.0
Cyclopenta(def)ph...	12.26	4.6	ng	537574	4	11.12	2345850	20.0
11H-Benzo[a]fluor...	13.62	5.3	ng	1494240	5	13.76	5669590	20.0
Hexadecane	14.54	6.3	ng	500043	6	15.16	1577780	20.0
Octadecanal	14.67	7.2	ng	569201	6	15.16	1577780	20.0
Benzo[e]pyrene	14.87	22.8	ng	1794650	6	15.16	1577780	20.0
Tetradecanal	15.36	6.8	ng	540427	6	15.16	1577780	20.0
Tetracosane	15.57	6.6	ng	518636	6	15.16	1577780	20.0
p-Bis(phenylethyn...	16.30	9.3	ng	735982	6	15.16	1577780	20.0
Pentacene	16.54	4.8	ng	382772	6	15.16	1577780	20.0
Benzo[b]triphenylene	16.69	6.7	ng	527136	6	15.16	1577780	20.0
Dibenzo[def,mno]c...	17.09	9.4	ng	739787	6	15.16	1577780	20.0
3,4:8,9-Dibenzopy...	18.89	12.9	ng	1021900	6	15.16	1577780	20.0