

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
 Data File : BF119303.D
 Acq On : 10 Mar 2020 00:54
 Operator : CG/JU
 Sample : L1778-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6

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-BF022020.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	4.922	478	482	495	rBV	170733	266121	8.67%	0.854%
2	5.351	552	555	586	rBV	2115980	2412748	78.60%	7.741%
3	6.381	726	730	754	rBV	2347333	2458533	80.09%	7.887%
4	6.722	785	788	797	rVB	737546	648006	21.11%	2.079%
5	6.881	811	815	829	rVB	2384904	2176321	70.90%	6.982%
6	7.292	881	885	897	rBV	1639046	1656377	53.96%	5.314%
7	8.004	1002	1006	1009	rBV	930710	842069	27.43%	2.702%
8	9.081	1185	1189	1192	rBV	3557647	3069712	100.00%	9.848%
9	9.475	1253	1256	1264	rVB	194365	184721	6.02%	0.593%
10	9.622	1278	1281	1286	rVB	48028	41320	1.35%	0.133%
11	9.757	1300	1304	1307	rBV	1171994	1007962	32.84%	3.234%
12	9.786	1307	1309	1314	rVB	62213	65739	2.14%	0.211%
13	10.304	1394	1397	1402	rBV	51199	51750	1.69%	0.166%
14	10.475	1422	1426	1432	rVB2	94032	109777	3.58%	0.352%
15	10.551	1435	1439	1455	rVV	2146384	2126945	69.29%	6.824%
16	10.669	1455	1459	1467	rVB9	19420	44484	1.45%	0.143%
17	11.239	1553	1556	1559	rBV	1086622	1080134	35.19%	3.465%
18	11.263	1559	1560	1565	rVV	601587	485284	15.81%	1.557%
19	11.322	1566	1570	1573	rVB	133846	130554	4.25%	0.419%
20	11.486	1593	1598	1603	rBV2	53366	85179	2.77%	0.273%
21	11.704	1631	1635	1639	rBV4	30969	52269	1.70%	0.168%
22	11.745	1639	1642	1644	rVV	118599	117452	3.83%	0.377%
23	11.774	1644	1647	1653	rVV	417556	447830	14.59%	1.437%
24	11.822	1653	1655	1658	rVV	66862	71192	2.32%	0.228%
25	11.857	1658	1661	1663	rVV	143854	158212	5.15%	0.508%
26	11.880	1663	1665	1671	rVB	62851	59854	1.95%	0.192%
27	12.039	1689	1692	1696	rVB	82398	81854	2.67%	0.263%
28	12.080	1696	1699	1702	rBV3	37833	39798	1.30%	0.128%
29	12.186	1712	1717	1720	rBV2	35027	44098	1.44%	0.141%
30	12.292	1731	1735	1738	rBV	69388	70002	2.28%	0.225%
31	12.327	1738	1741	1743	rVV3	35715	43671	1.42%	0.140%
32	12.392	1747	1752	1756	rVB2	41078	52672	1.72%	0.169%
33	12.433	1756	1759	1760	rBV	50040	48092	1.57%	0.154%
34	12.457	1760	1763	1767	rVB	731328	674938	21.99%	2.165%

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Integrator: RTE

Smoothing : ON

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Stop Thrs : 0

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35	12.557	1777	1780	1785	rBV3	66745	82360	2.68%	0.264%
36	12.610	1785	1789	1791	rBV	52182	52232	1.70%	0.168%
37	12.680	1796	1801	1807	rVV	736319	853891	27.82%	2.739%
38	12.739	1807	1811	1815	rVB3	48977	65351	2.13%	0.210%
39	12.821	1821	1825	1828	rBV	3126936	2739514	89.24%	8.789%
40	12.851	1829	1830	1835	rVB	46678	44832	1.46%	0.144%
41	12.904	1835	1839	1843	rBV3	55868	93070	3.03%	0.299%
42	12.992	1850	1854	1855	rBV2	41710	48551	1.58%	0.156%
43	13.016	1855	1858	1861	rVB	117698	110921	3.61%	0.356%
44	13.051	1861	1864	1866	rBV3	30646	36247	1.18%	0.116%
45	13.080	1866	1869	1872	rVV2	78950	76889	2.50%	0.247%
46	13.121	1872	1876	1882	rVB3	98896	126457	4.12%	0.406%
47	13.210	1888	1891	1894	rBV	64383	53572	1.75%	0.172%
48	13.245	1894	1897	1899	rBV	53021	57193	1.86%	0.183%
49	13.392	1918	1922	1924	rBV3	34004	41520	1.35%	0.133%
50	13.533	1943	1946	1952	rVB	58203	65209	2.12%	0.209%
51	13.639	1958	1964	1965	rBV2	65887	93945	3.06%	0.301%
52	13.686	1970	1972	1974	rVV	55167	60118	1.96%	0.193%
53	13.739	1975	1981	1990	rVB4	177448	437063	14.24%	1.402%
54	13.880	1997	2005	2008	rBV2	955258	1311059	42.71%	4.206%
55	13.910	2008	2010	2014	rVB	348917	306894	10.00%	0.985%
56	13.986	2021	2023	2026	rVB	56572	49300	1.61%	0.158%
57	14.045	2028	2033	2038	rBV4	46817	106111	3.46%	0.340%
58	14.274	2067	2072	2075	rBV	84112	109794	3.58%	0.352%
59	14.339	2080	2083	2086	rBV4	99714	114021	3.71%	0.366%
60	14.368	2086	2088	2091	rBV3	55848	70774	2.31%	0.227%
61	14.598	2124	2127	2130	rBV3	55889	78274	2.55%	0.251%
62	14.633	2131	2133	2137	rVB2	56248	60269	1.96%	0.193%
63	14.704	2142	2145	2151	rVB	183031	191214	6.23%	0.613%
64	14.768	2153	2156	2160	rVB3	55914	65733	2.14%	0.211%
65	14.910	2176	2180	2183	rBV	350204	508192	16.56%	1.630%
66	15.010	2194	2197	2207	rVB	103853	171545	5.59%	0.550%
67	15.192	2225	2228	2233	rVB	228439	254877	8.30%	0.818%
68	15.257	2235	2239	2243	rBV	294441	348756	11.36%	1.119%
69	15.310	2244	2248	2252	rBV	611957	760524	24.78%	2.440%
70	15.704	2312	2315	2320	rVB2	77239	98412	3.21%	0.316%
71	16.721	2482	2488	2498	rVB2	132861	317113	10.33%	1.017%

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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 >
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72	17.151	2556	2561	2570	rVB	94823	202651	6.60%	0.650%
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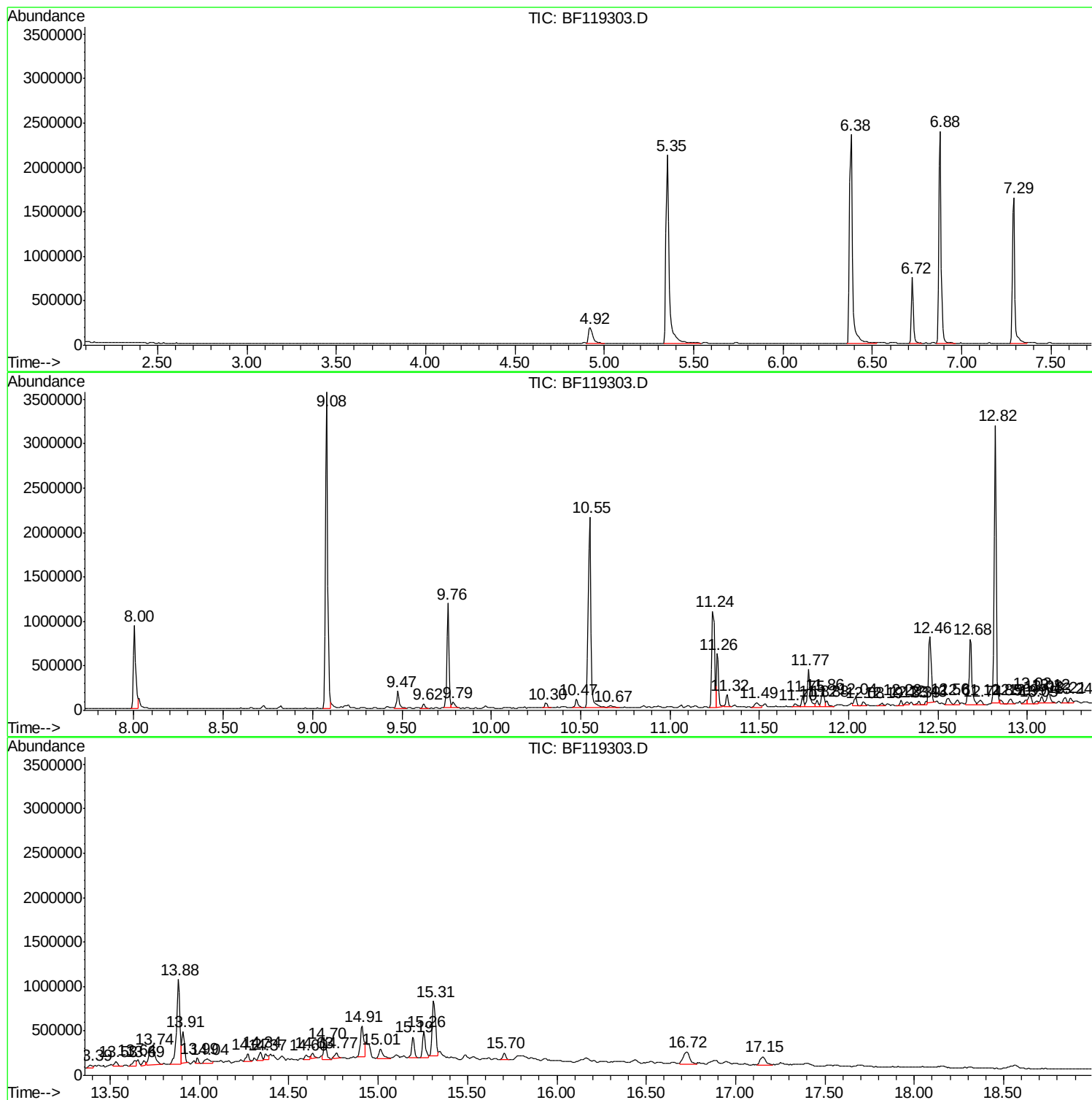
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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF119303.D
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Sample : L1778-17
Misc :
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Instrument :
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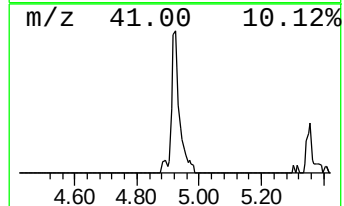
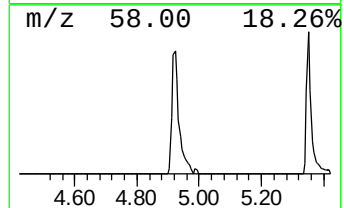
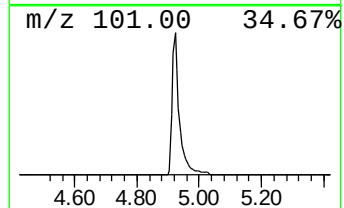
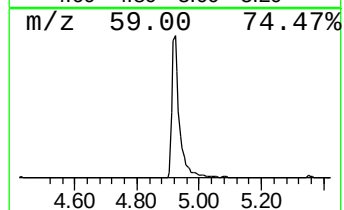
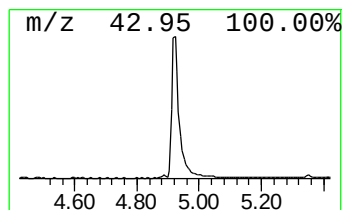
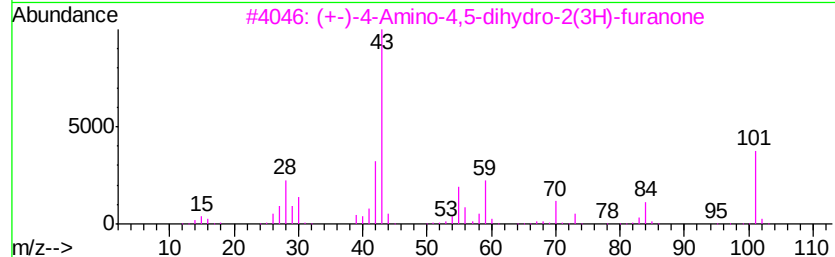
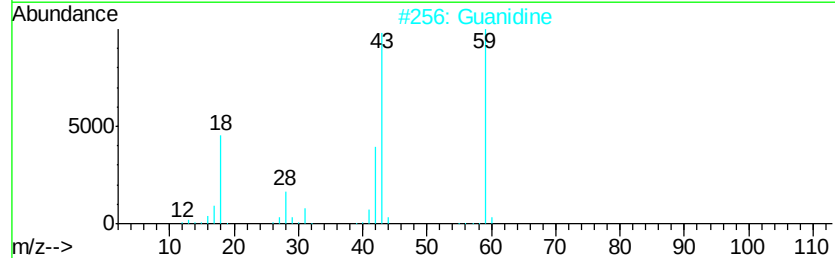
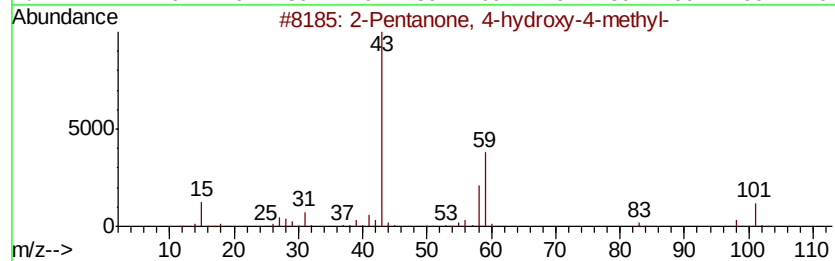
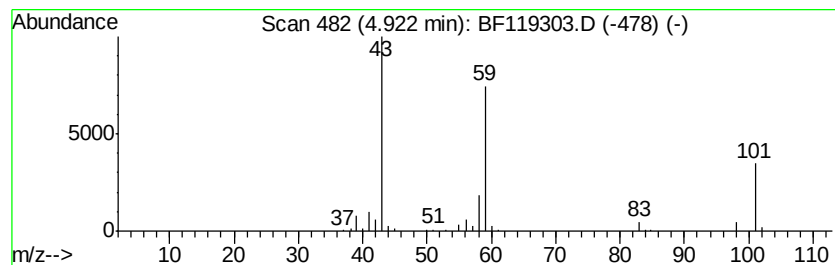
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	8.21 ng	266121	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	50
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	35
4			Acetone	58	C3H6O	000067-64-1	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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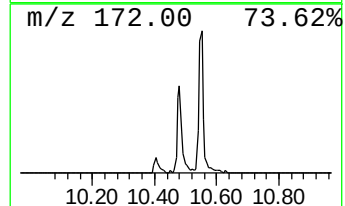
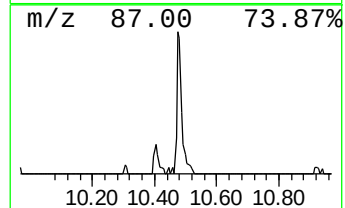
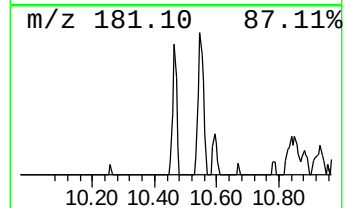
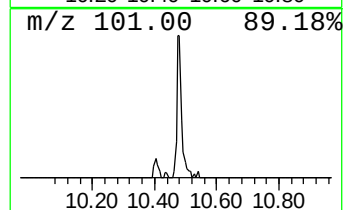
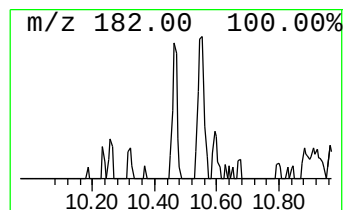
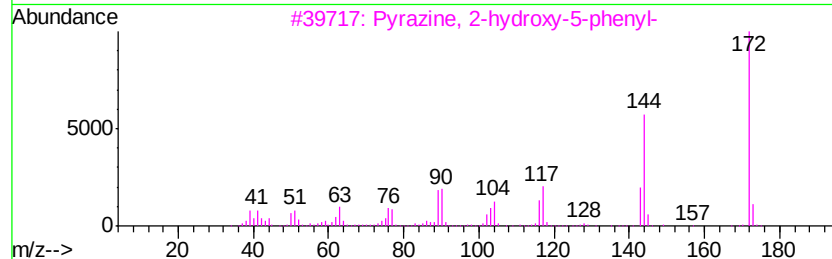
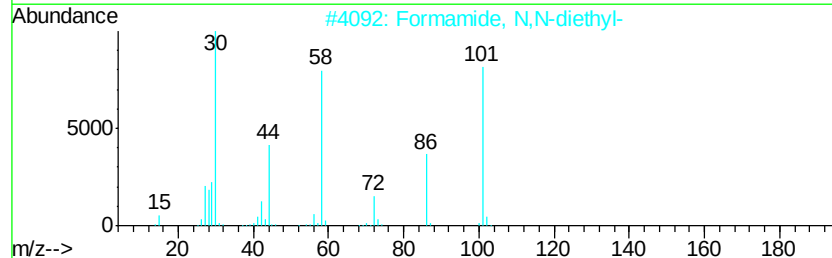
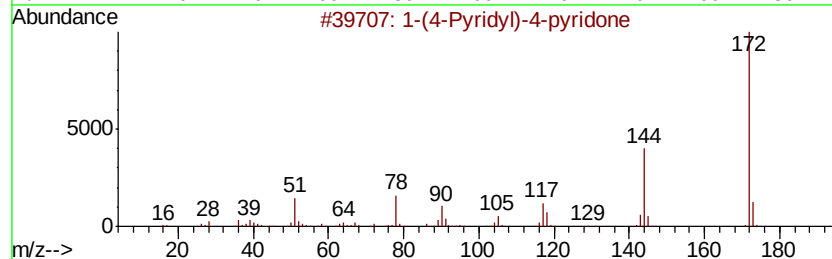
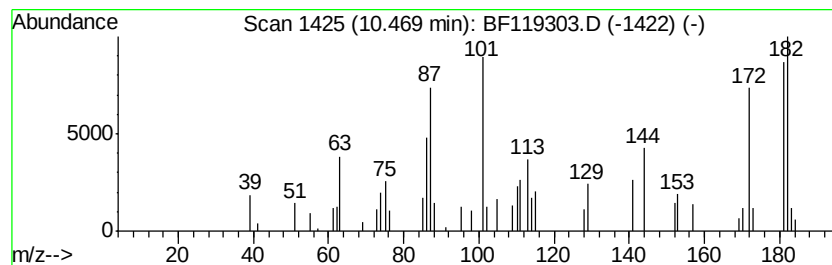
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown10.47 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.47	2.18 ng	109777	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Pyridyl)-4-pyridone	172	C10H8N2O	003881-38-7	18
2	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	14
3	Pyrazine, 2-hydroxy-5-phenyl-	172	C10H8N2O	025844-72-8	14
4	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	12
5	1H-Pyrazole, 3,5-dimethyl-1-phenyl-	172	C11H12N2	001131-16-4	10



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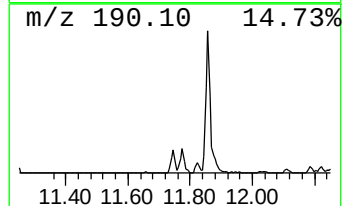
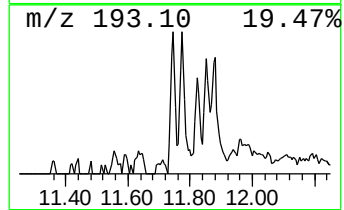
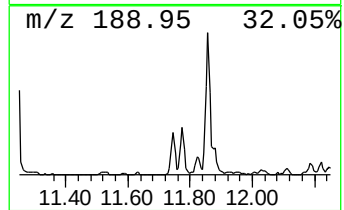
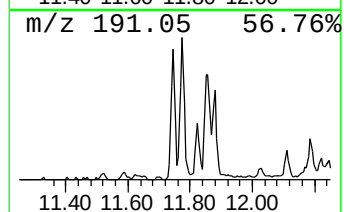
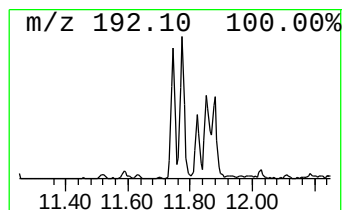
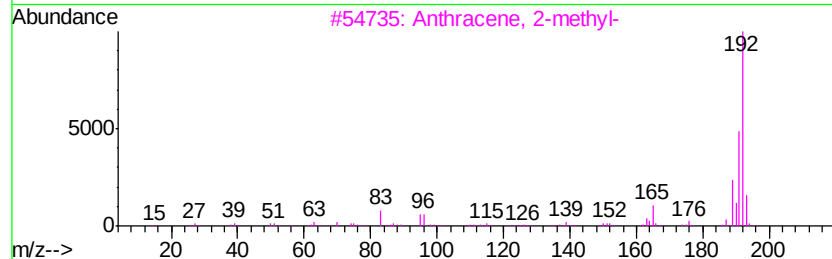
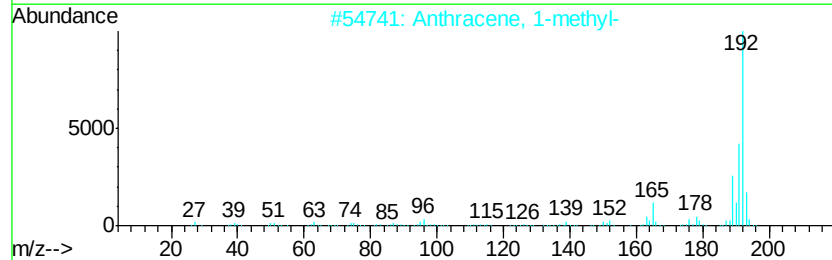
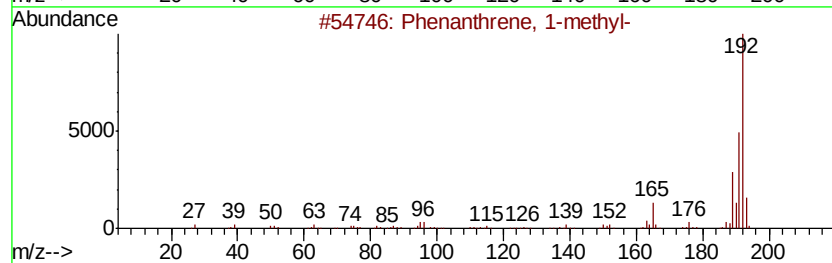
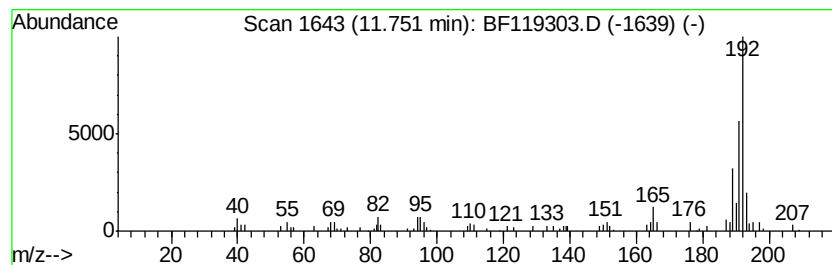
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.17 ng	117452	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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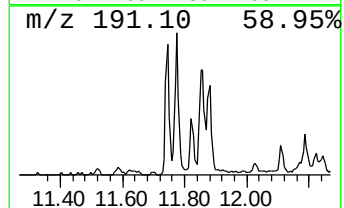
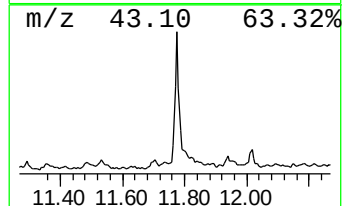
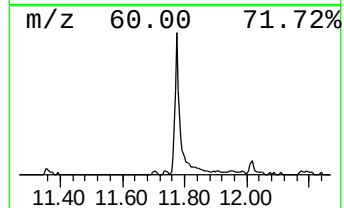
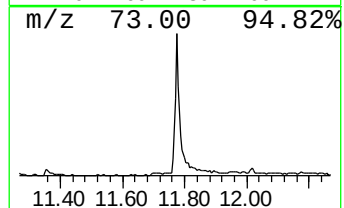
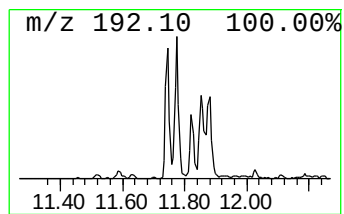
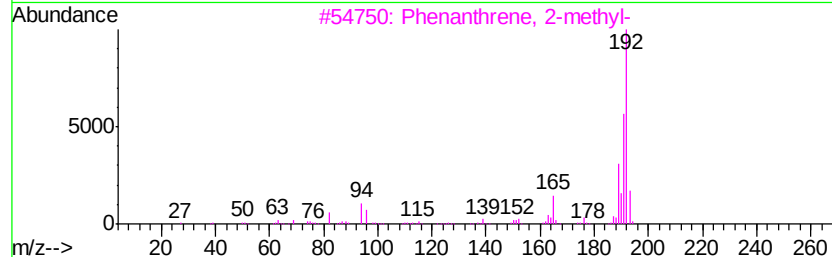
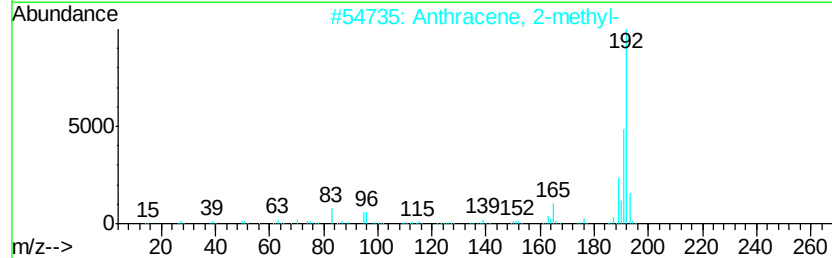
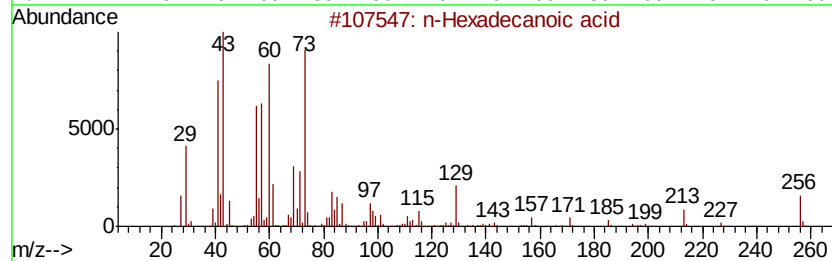
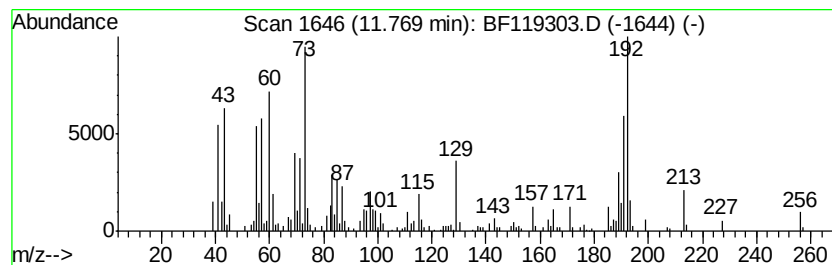
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	8.29 ng	447830	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119303.D
Acq On : 10 Mar 2020 00:54
Operator : CG/JU
Sample : L1778-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

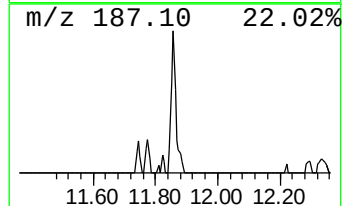
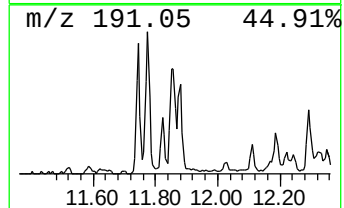
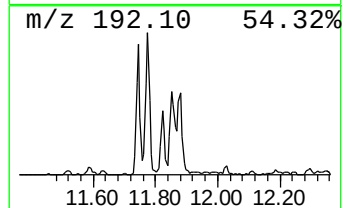
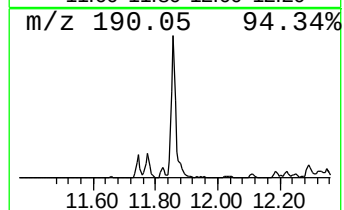
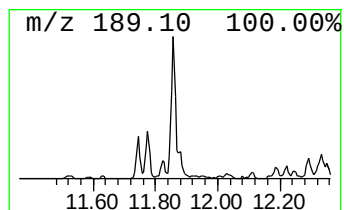
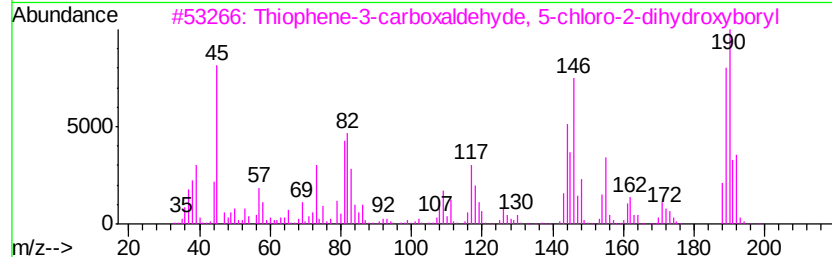
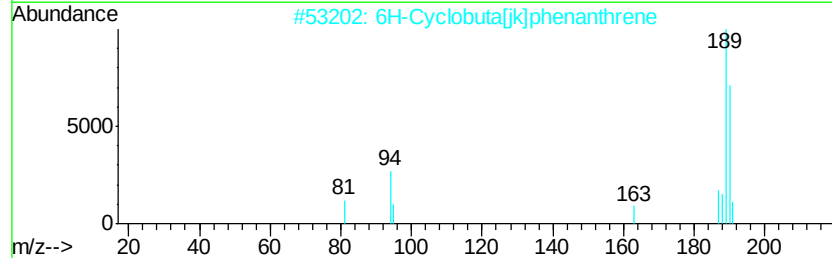
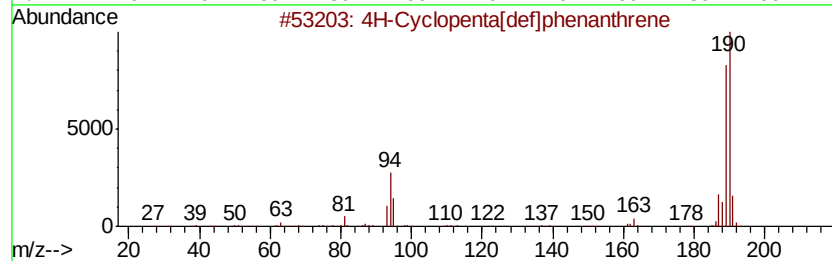
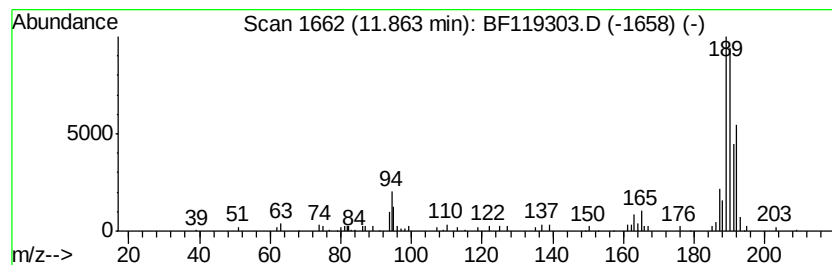
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	2.93 ng	158212	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119303.D
Acq On : 10 Mar 2020 00:54
Operator : CG/JU
Sample : L1778-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

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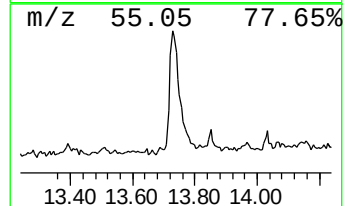
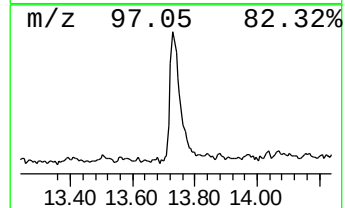
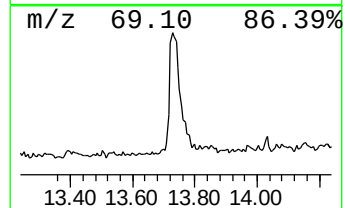
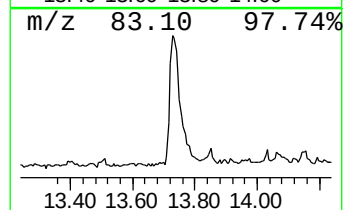
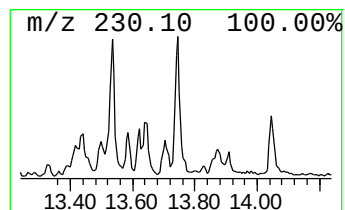
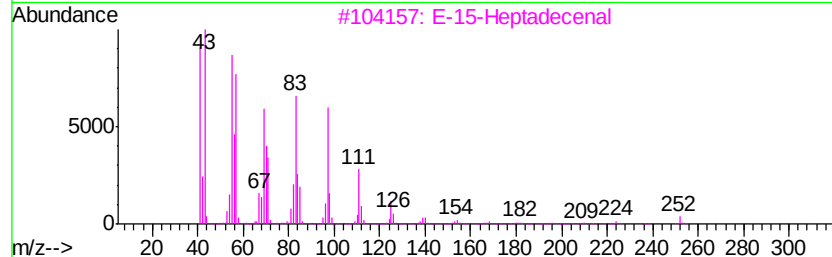
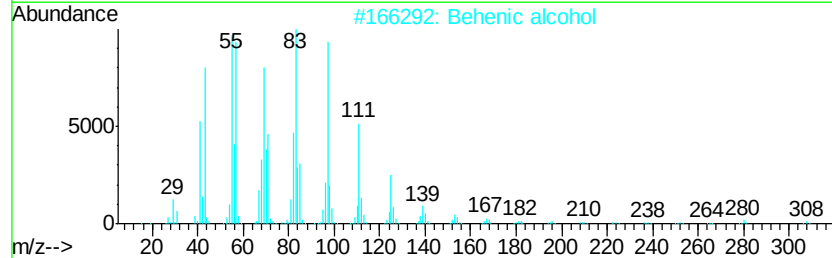
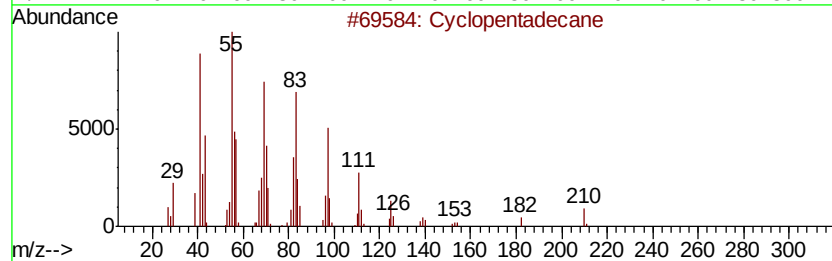
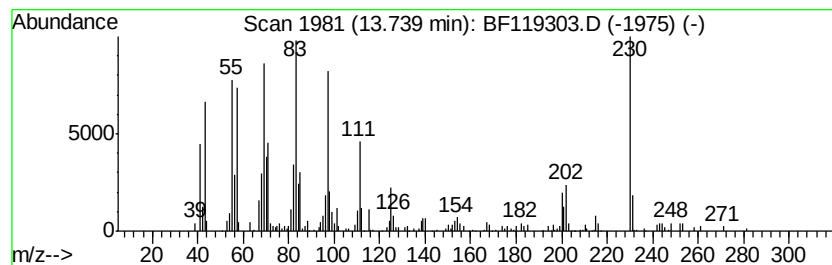
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	6.67 ng	437063	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	97
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	64
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119303.D
Acq On : 10 Mar 2020 00:54
Operator : CG/JU
Sample : L1778-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

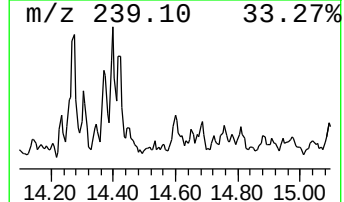
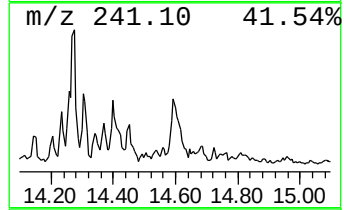
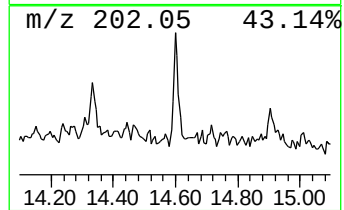
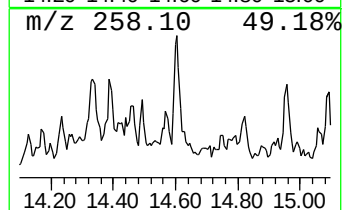
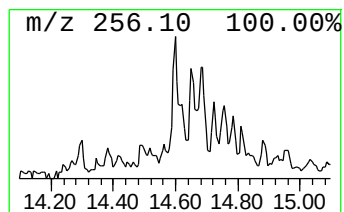
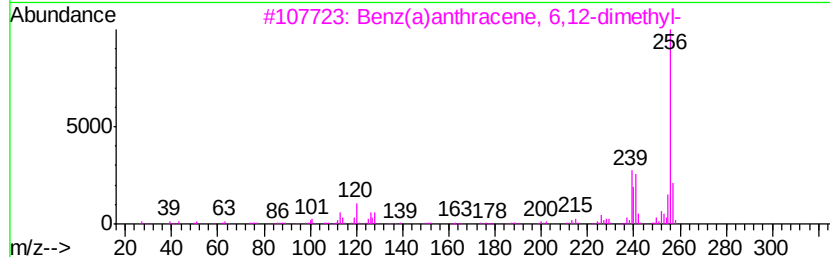
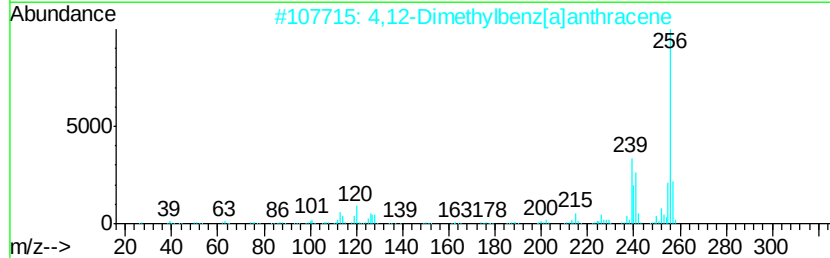
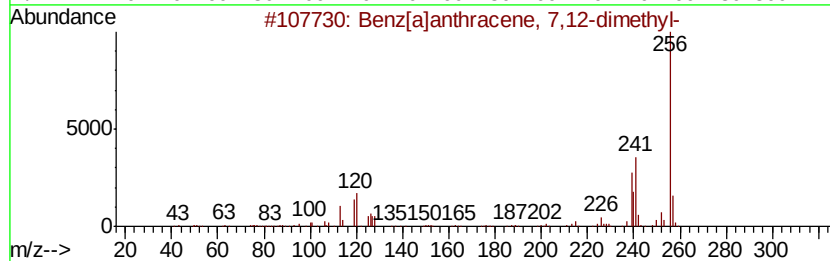
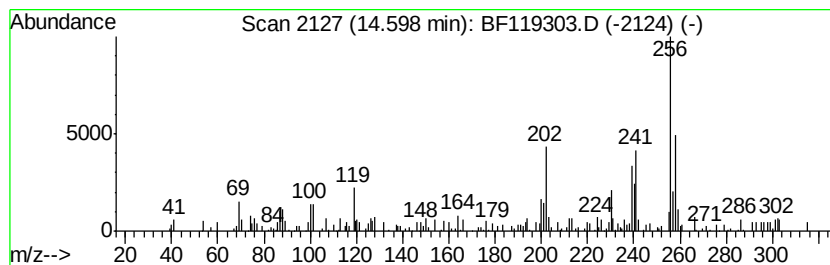
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benz[a]anthracene, 7,12-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.06 ng	78274	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benz[a]anthracene, 7,12-dimethyl-	256 C20H16	000057-97-6 78
2		4,12-Dimethylbenz[a]anthracene	256 C20H16	035187-19-0 45
3		Benz(a)anthracene, 6,12-dimethyl-	256 C20H16	000568-81-0 45
4		5,12-Dimethylbenz[a]anthracene	256 C20H16	021297-22-3 43
5		Benz(a)anthracene, 7,8-dimethyl-	256 C20H16	000604-81-9 42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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Acq On : 10 Mar 2020 00:54
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Sample : L1778-17
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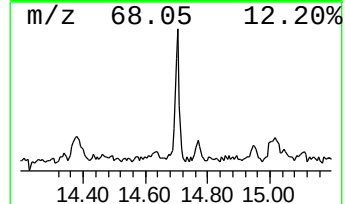
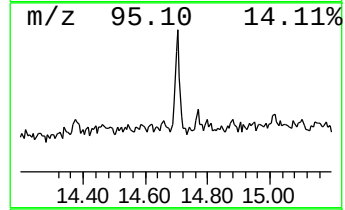
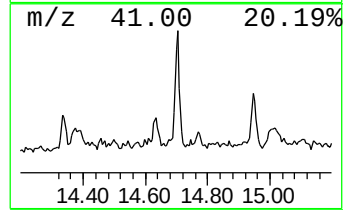
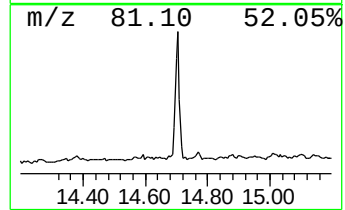
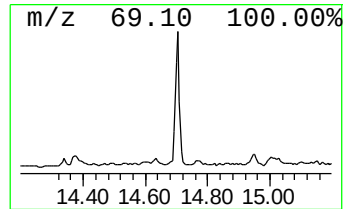
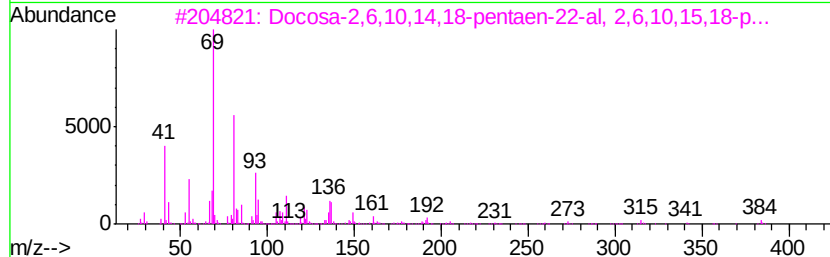
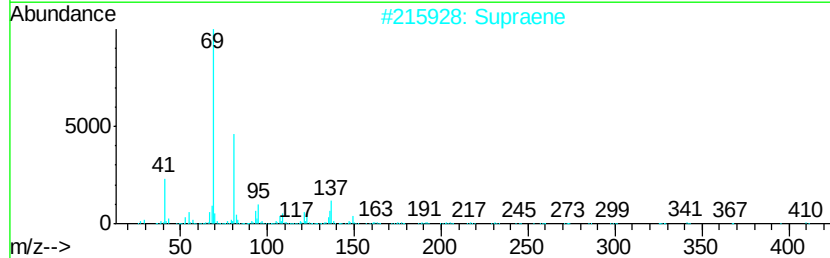
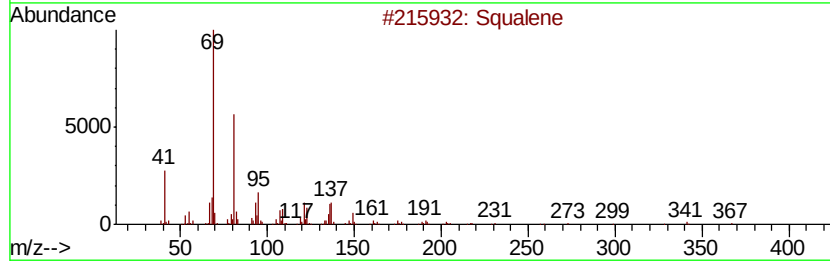
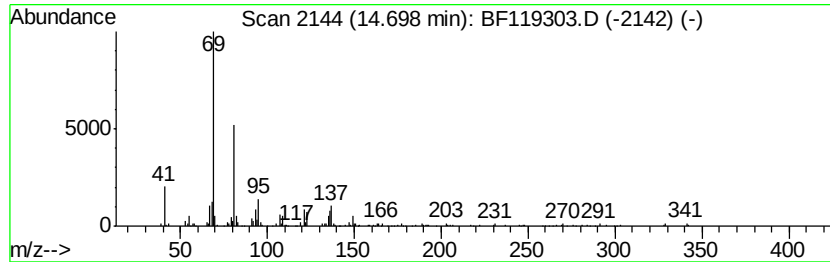
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.03 ng	191214	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	94
2	Supraene	410 C30H50	007683-64-9	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	78
4	Farnesol isomer a	222 C15H26O	1000108-92-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264 C17H28O2	004128-17-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119303.D
Acq On : 10 Mar 2020 00:54
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Sample : L1778-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

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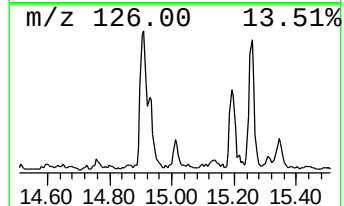
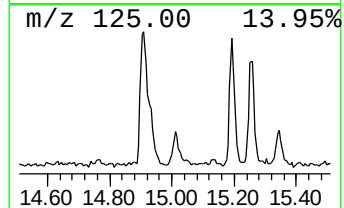
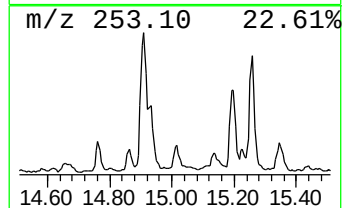
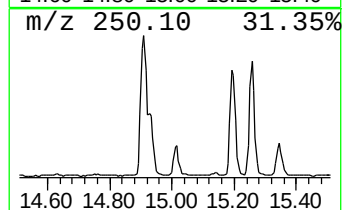
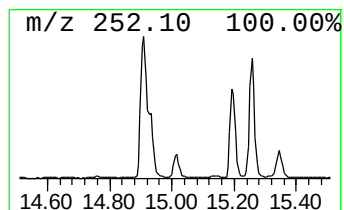
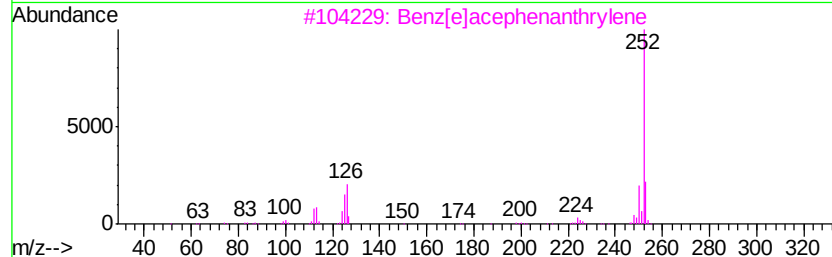
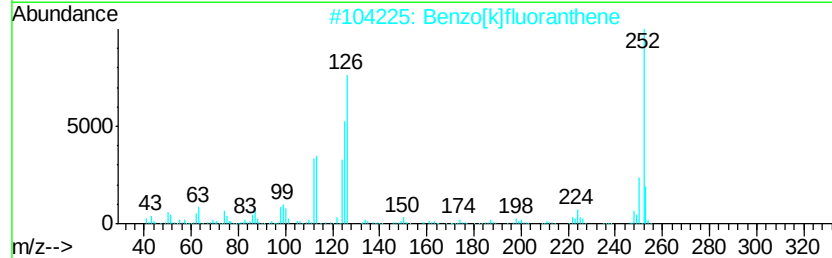
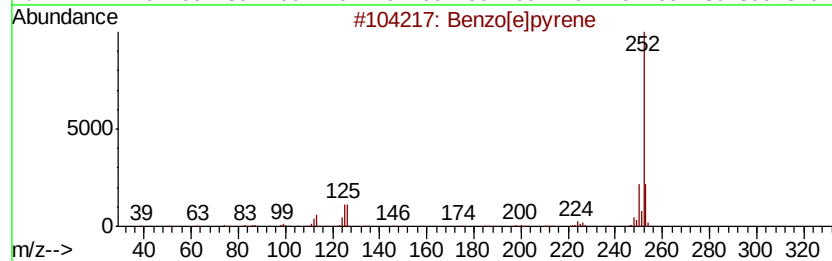
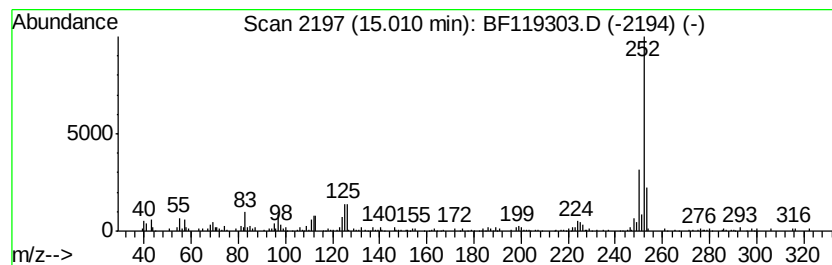
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	4.51 ng	171545	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Perylene	252	C20H12	000198-55-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119303.D
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ALS Vial : 15 Sample Multiplier: 1

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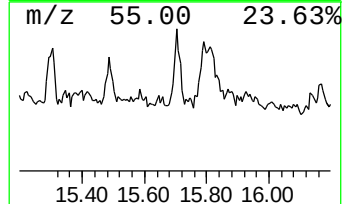
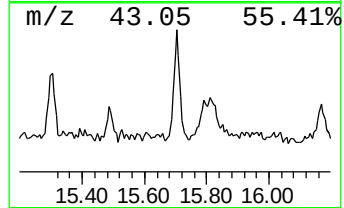
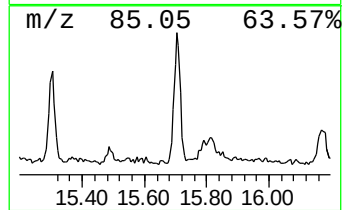
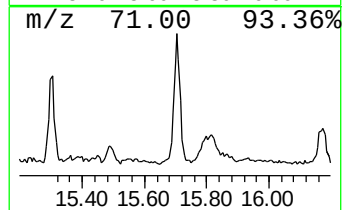
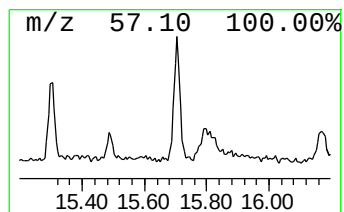
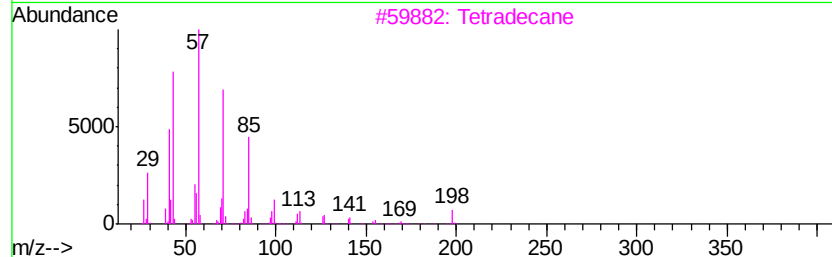
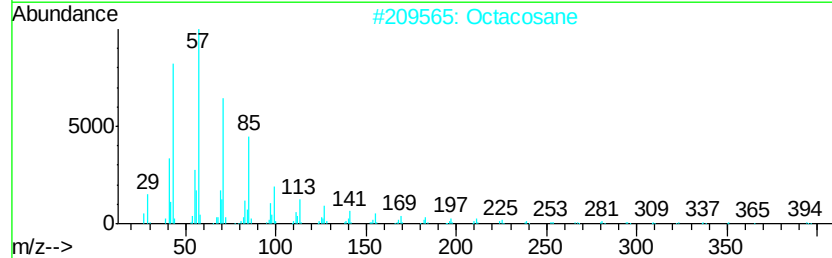
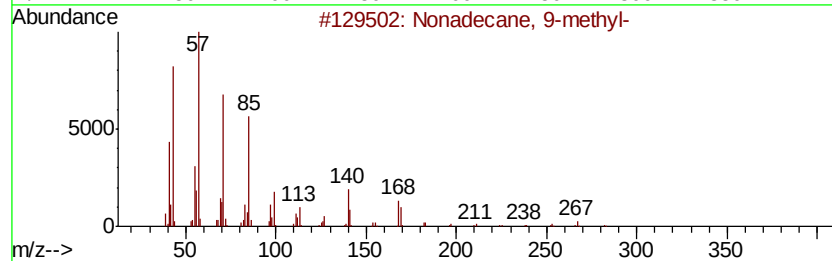
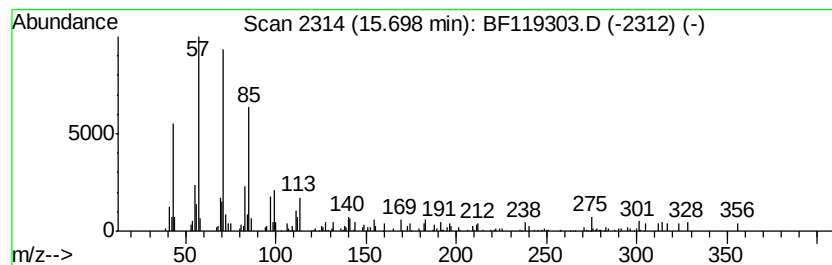
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.59 ng	98412	Perylene-d12	15.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Octacosane	394	C28H58	000630-02-4	81
3			Tetradecane	198	C14H30	000629-59-4	81
4			Pentadecane	212	C15H32	000629-62-9	76
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030920\
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ALS Vial : 15 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown10.47	10.47	2.2	ng	109777	3	9.76	1007960	20.0
Phenanthrene, 1-m...	11.75	2.2	ng	117452	4	11.24	1080130	20.0
n-Hexadecanoic acid	11.77	8.3	ng	447830	4	11.24	1080130	20.0
4H-Cyclopenta[def...	11.86	2.9	ng	158212	4	11.24	1080130	20.0
Cyclopentadecane	13.74	6.7	ng	437063	5	13.88	1311060	20.0
Benz[a]anthracene...	14.60	2.1	ng	78274	6	15.32	760524	20.0
Squalene	14.70	5.0	ng	191214	6	15.32	760524	20.0
Benzo[e]pyrene	15.01	4.5	ng	171545	6	15.32	760524	20.0
Nonadecane, 9-met...	15.70	2.6	ng	98412	6	15.32	760524	20.0