

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
 Data File : BF119322.D
 Acq On : 10 Mar 2020 17:51
 Operator : CG/JU
 Sample : L1852-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-D

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	4.928	480	483	497	rBV	159328	236533	9.23%	1.014%
2	5.357	553	556	589	rBV	1581218	2053844	80.12%	8.809%
3	6.381	727	730	756	rBV	1715887	2038156	79.51%	8.742%
4	6.722	785	788	799	rVB	660062	603932	23.56%	2.590%
5	6.881	811	815	828	rBV	2093574	1834392	71.56%	7.868%
6	7.292	881	885	905	rBV	1343675	1346290	52.52%	5.774%
7	8.004	1003	1006	1019	rBV	799150	821848	32.06%	3.525%
8	9.080	1185	1189	1192	rBV	3045974	2563540	100.00%	10.995%
9	9.480	1253	1257	1265	rVB	293630	304083	11.86%	1.304%
10	9.757	1300	1304	1308	rBV	944350	848228	33.09%	3.638%
11	9.792	1308	1310	1314	rVB	76089	65155	2.54%	0.279%
12	10.204	1370	1380	1383	rBV	60341	94320	3.68%	0.405%
13	10.233	1383	1385	1393	rVV2	31147	38847	1.52%	0.167%
14	10.310	1394	1398	1403	rVB	53739	52030	2.03%	0.223%
15	10.551	1435	1439	1450	rBV	1399451	1352862	52.77%	5.802%
16	11.010	1514	1517	1522	rVB	66237	63469	2.48%	0.272%
17	11.245	1553	1557	1559	rBV	835432	739247	28.84%	3.171%
18	11.269	1559	1561	1565	rVV	364811	313250	12.22%	1.344%
19	11.322	1566	1570	1574	rVB	96532	97407	3.80%	0.418%
20	11.486	1594	1598	1603	rBV2	38314	54312	2.12%	0.233%
21	11.745	1640	1642	1644	rBV	56568	50159	1.96%	0.215%
22	11.774	1644	1647	1653	rVB2	154608	163213	6.37%	0.700%
23	11.857	1658	1661	1663	rVV	98229	113109	4.41%	0.485%
24	11.880	1663	1665	1670	rVB	73077	69815	2.72%	0.299%
25	11.980	1678	1682	1685	rVB	93249	82100	3.20%	0.352%
26	12.039	1690	1692	1695	rVV	38071	31957	1.25%	0.137%
27	12.092	1698	1701	1709	rVB7	25212	36204	1.41%	0.155%
28	12.298	1732	1736	1738	rBV	41441	43307	1.69%	0.186%
29	12.457	1760	1763	1768	rBV	548421	486841	18.99%	2.088%
30	12.557	1777	1780	1786	rVB6	29057	37775	1.47%	0.162%
31	12.610	1786	1789	1792	rBV	30225	30285	1.18%	0.130%
32	12.686	1796	1802	1809	rVV	510933	570581	22.26%	2.447%
33	12.745	1809	1812	1816	rVB2	25726	29385	1.15%	0.126%
34	12.821	1821	1825	1829	rBV	2227461	2095853	81.76%	8.989%

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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 >
Peak separation: 5

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35	12.910	1836	1840	1844	rBV3	30477	47688	1.86%	0.205%
36	12.998	1852	1855	1856	rBV3	28989	33601	1.31%	0.144%
37	13.016	1856	1858	1861	rVB	83948	78293	3.05%	0.336%
38	13.080	1867	1869	1872	rBV	84619	70839	2.76%	0.304%
39	13.121	1872	1876	1880	rVV3	49487	62464	2.44%	0.268%
40	13.216	1889	1892	1895	rBV	40265	37675	1.47%	0.162%
41	13.245	1895	1897	1907	rVB3	36205	51748	2.02%	0.222%
42	13.639	1959	1964	1966	rBV	46111	68254	2.66%	0.293%
43	13.663	1966	1968	1971	rVV	50585	53541	2.09%	0.230%
44	13.692	1971	1973	1975	rVV	43107	51200	2.00%	0.220%
45	13.727	1975	1979	1988	rVB4	166502	327503	12.78%	1.405%
46	13.886	1999	2006	2009	rBV2	823301	1066470	41.60%	4.574%
47	13.910	2009	2010	2018	rVV	261089	245976	9.60%	1.055%
48	13.992	2022	2024	2028	rVB	58344	56550	2.21%	0.243%
49	14.274	2068	2072	2076	rBV2	57801	80784	3.15%	0.346%
50	14.345	2081	2084	2087	rBV3	38277	54817	2.14%	0.235%
51	14.633	2131	2133	2136	rVB	37870	31457	1.23%	0.135%
52	14.915	2177	2181	2183	rBV	231233	303303	11.83%	1.301%
53	15.021	2196	2199	2203	rVB	58631	65411	2.55%	0.281%
54	15.198	2226	2229	2236	rVB	142296	159221	6.21%	0.683%
55	15.262	2236	2240	2244	rBV	199158	239957	9.36%	1.029%
56	15.315	2245	2249	2254	rBV	414542	515731	20.12%	2.212%
57	16.739	2487	2491	2499	rVB2	74498	148678	5.80%	0.638%
58	17.168	2560	2564	2571	rBV2	54524	102077	3.98%	0.438%

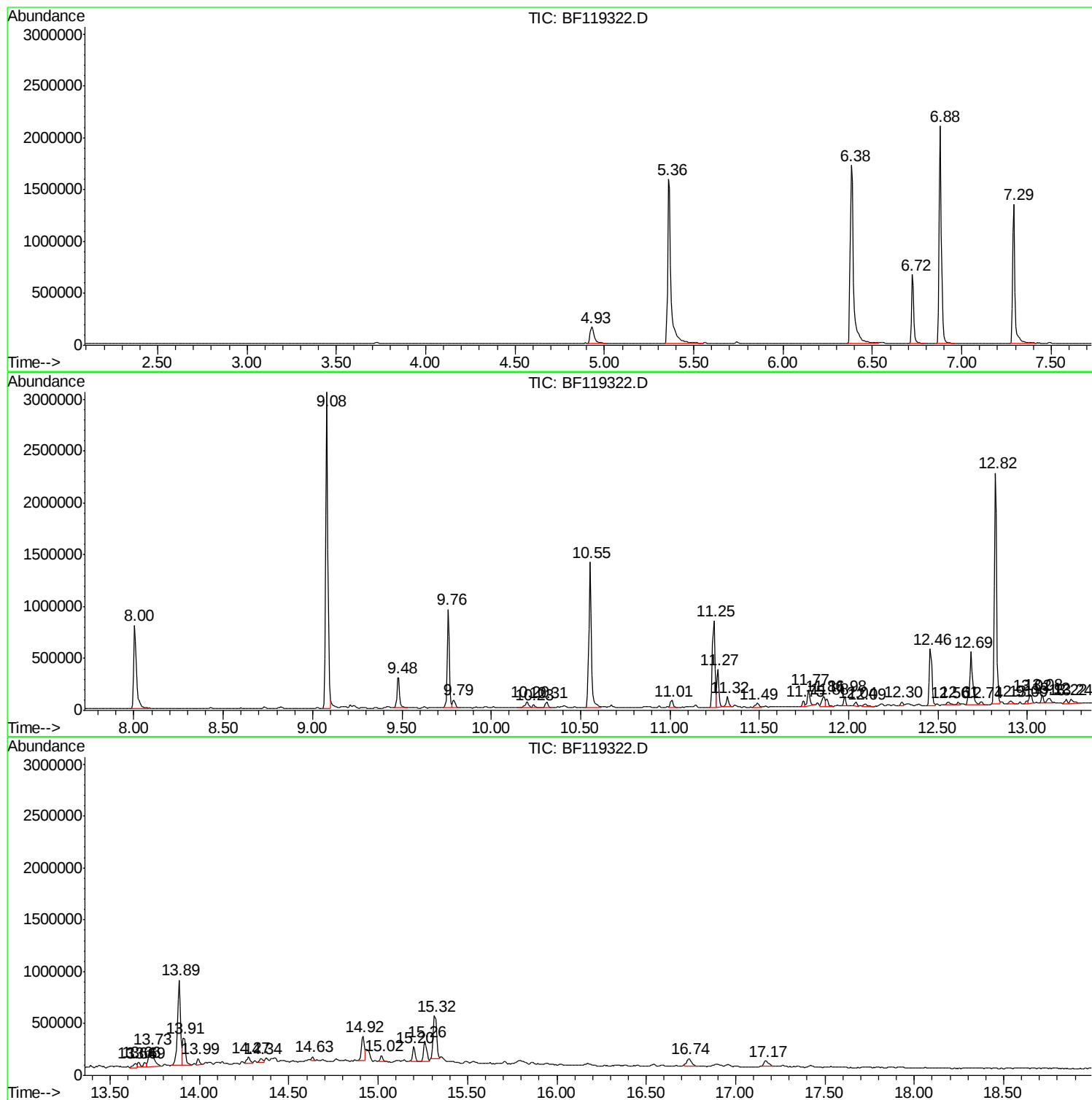
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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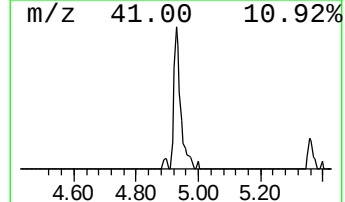
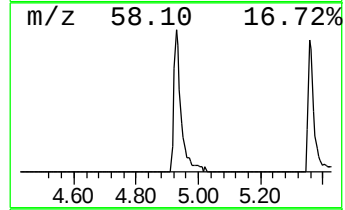
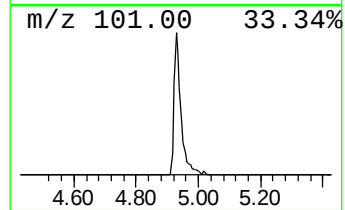
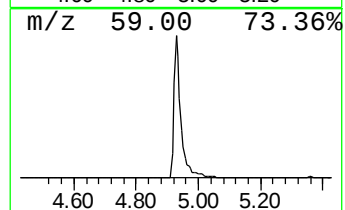
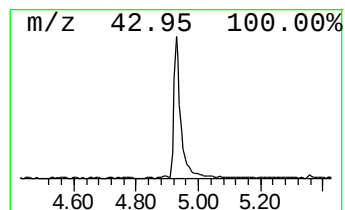
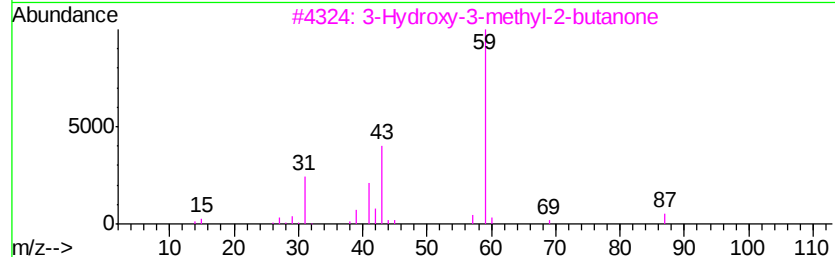
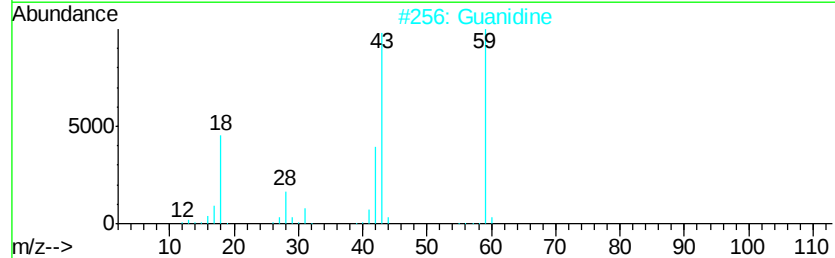
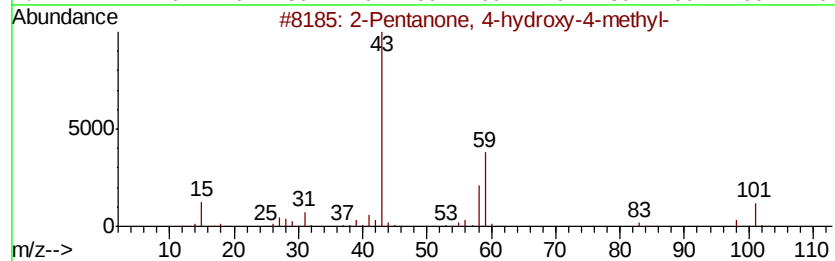
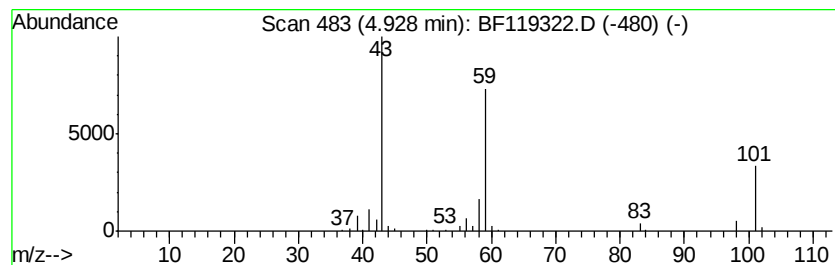
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	7.83 ng	236533	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	72		
2	Guanidine	59	CH5N3	000113-00-8	50		
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38		
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	35		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10		



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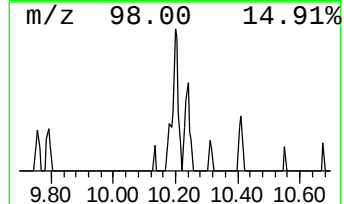
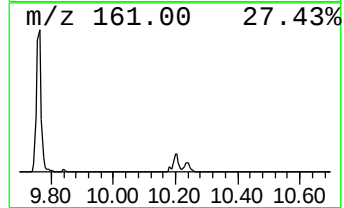
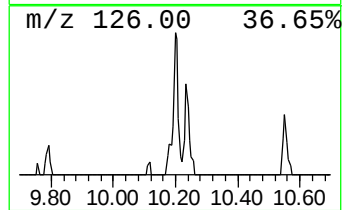
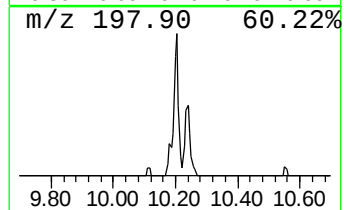
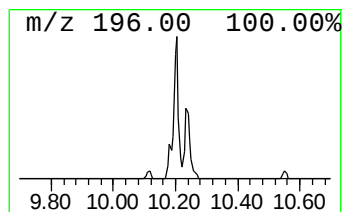
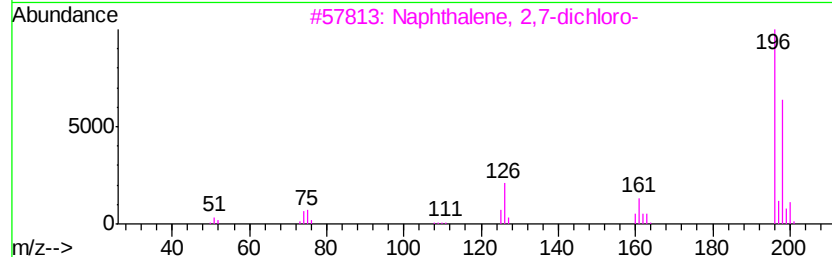
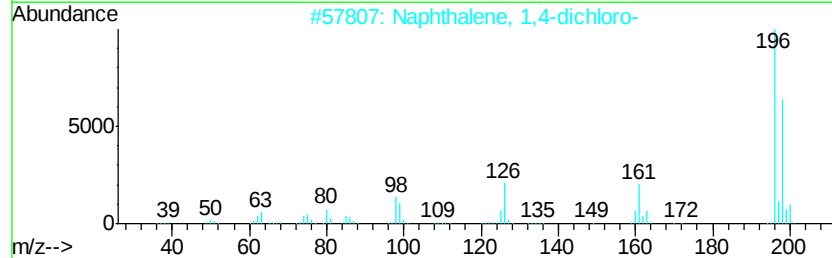
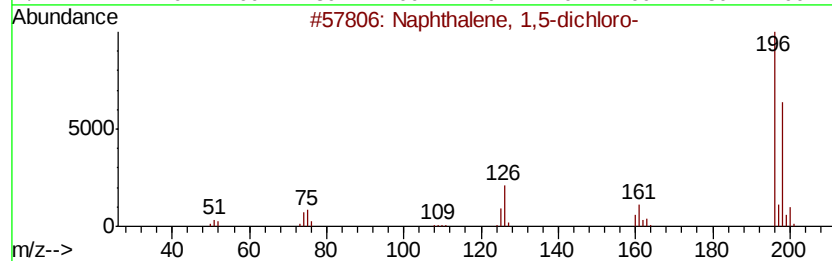
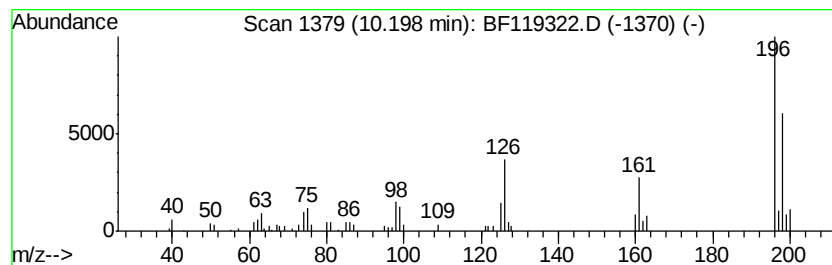
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,5-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.22 ng	94320	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dichloro-	196	C10H6Cl2	001825-30-5	96
2		Naphthalene, 1,4-dichloro-	196	C10H6Cl2	001825-31-6	96
3		Naphthalene, 2,7-dichloro-	196	C10H6Cl2	002198-77-8	95
4		Naphthalene, 2,3-dichloro-	196	C10H6Cl2	002050-75-1	95
5		Naphthalene, 1,2-dichloro-	196	C10H6Cl2	002050-69-3	95



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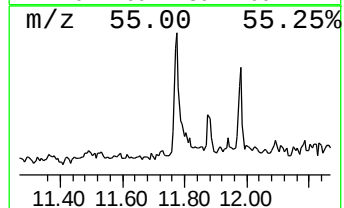
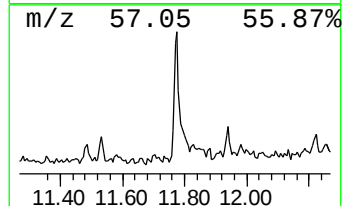
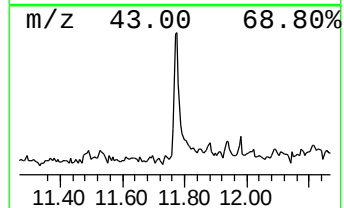
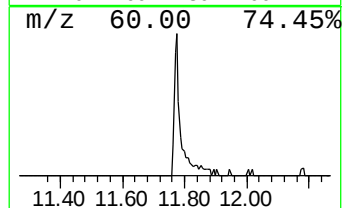
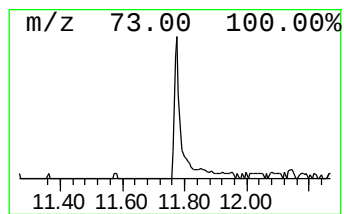
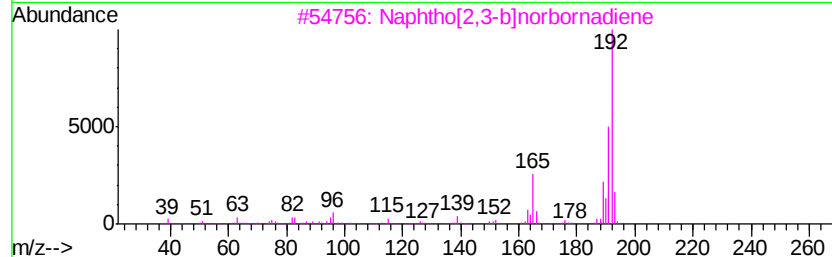
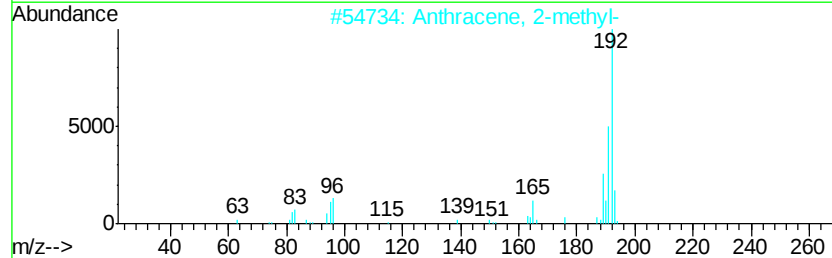
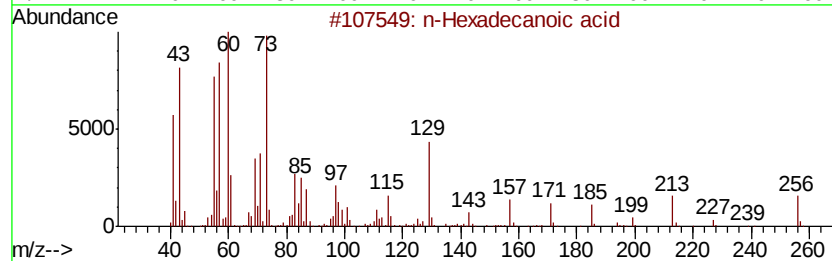
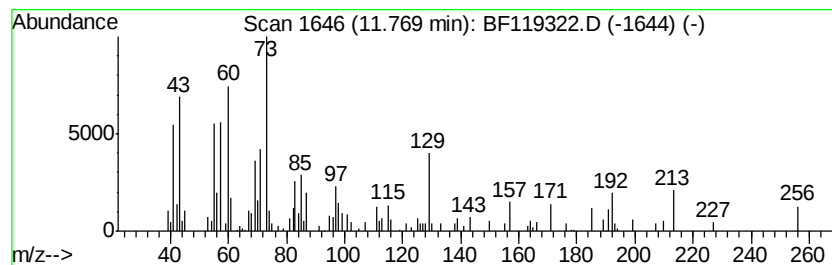
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.42 ng	163213	Phenanthrene-d10	11.25

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	86
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42



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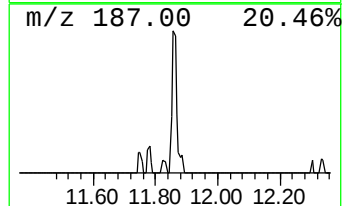
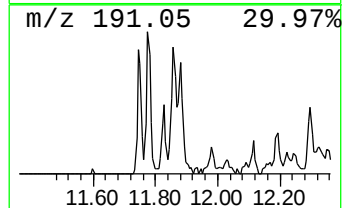
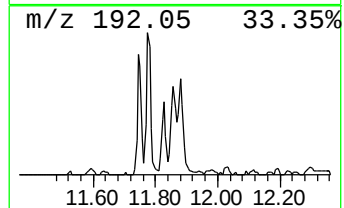
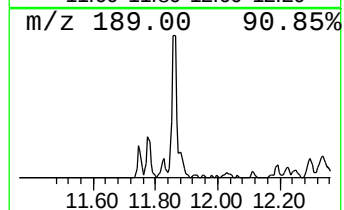
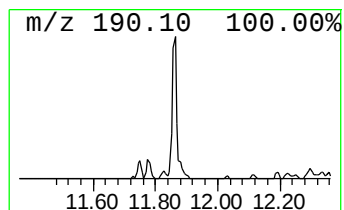
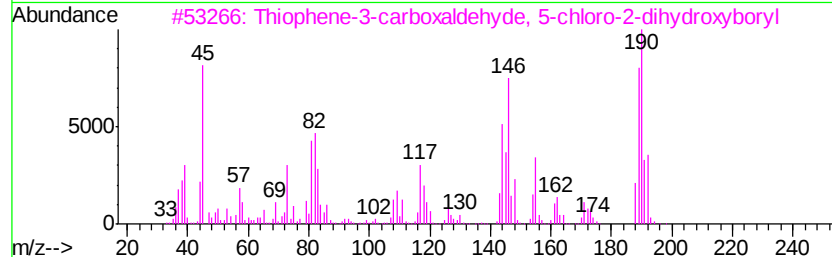
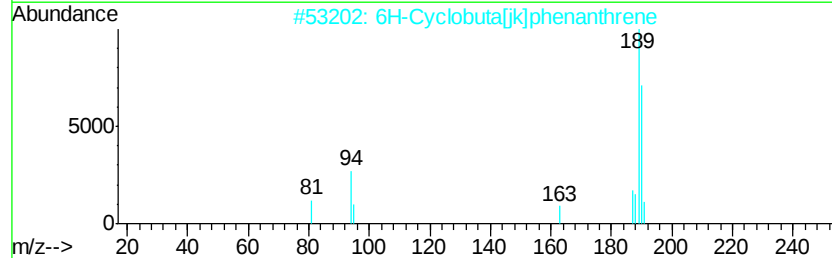
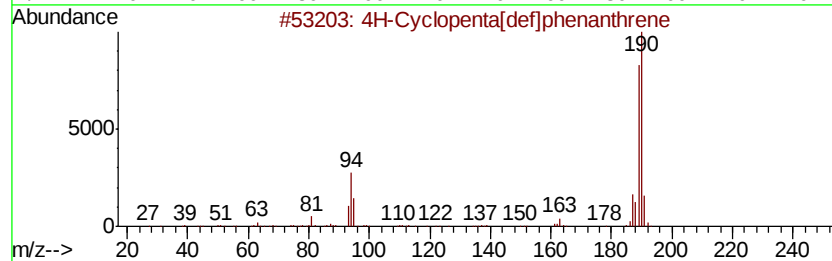
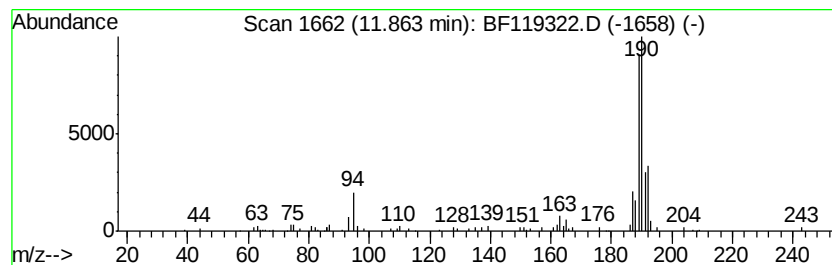
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.06 ng	113109	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	27



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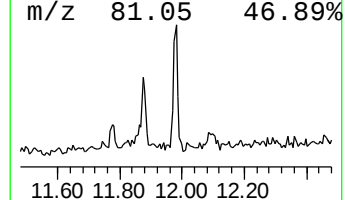
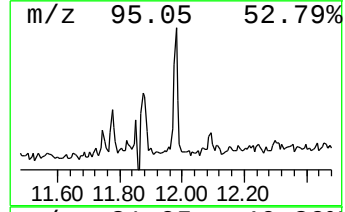
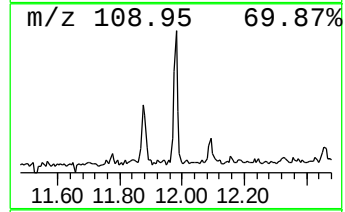
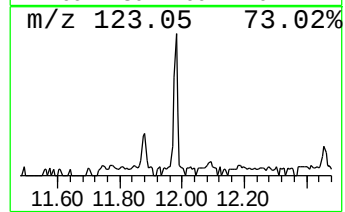
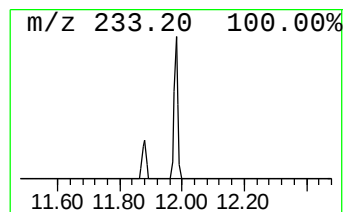
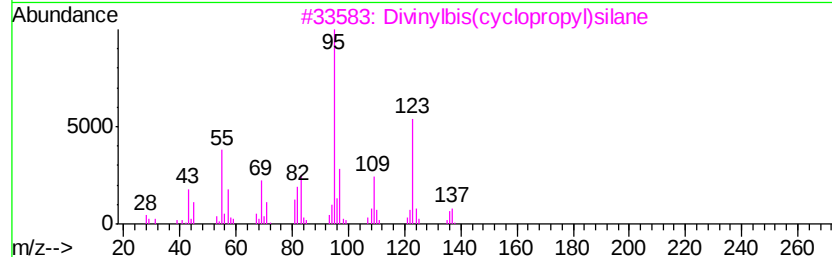
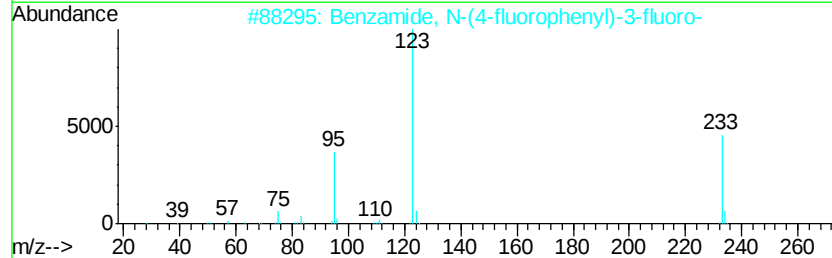
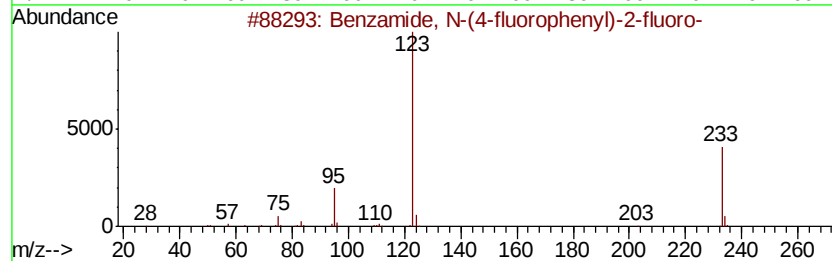
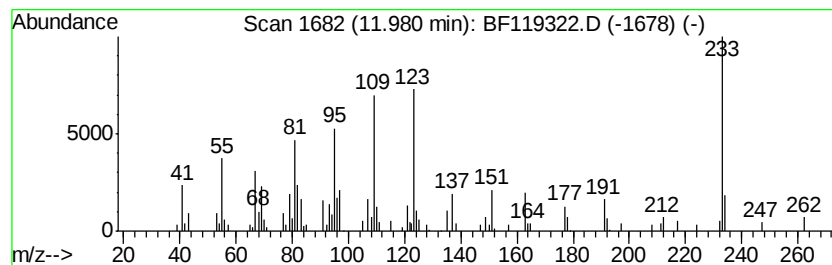
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.22 ng	82100	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	43
2		Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	43
3		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	38
4		Glutaric acid, di(2-isopropylphe...	368	C23H28O4	1000358-86-3	27
5		Aniline, N-cyclohexylcarbonyl-4-...	233	C14H19NO2	315712-26-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119322.D
Acq On : 10 Mar 2020 17:51
Operator : CG/JU
Sample : L1852-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-D

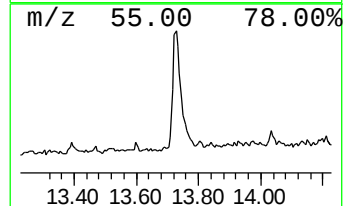
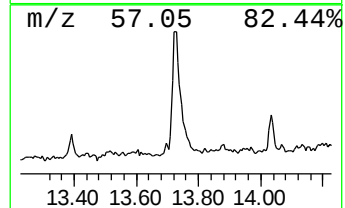
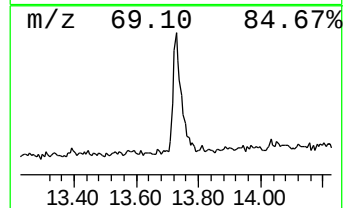
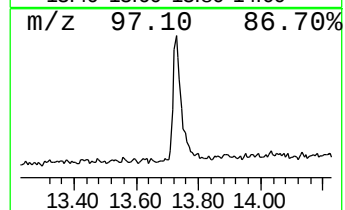
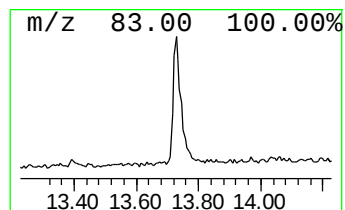
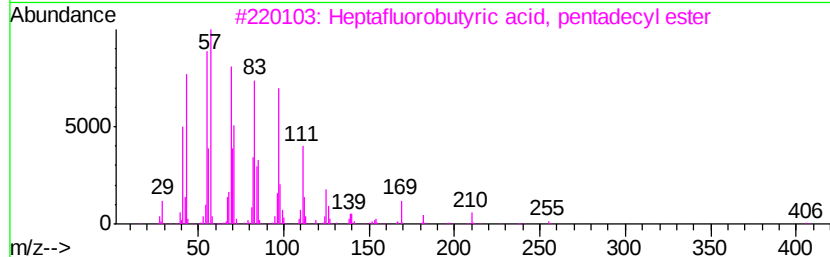
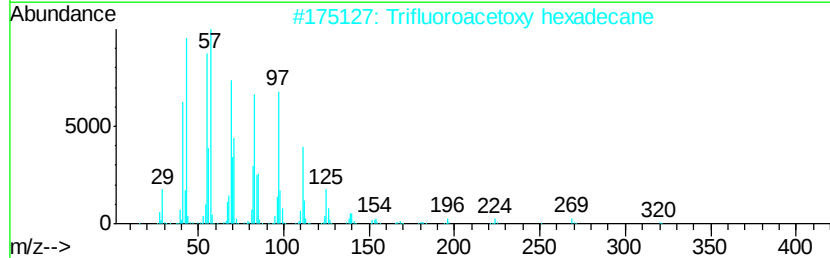
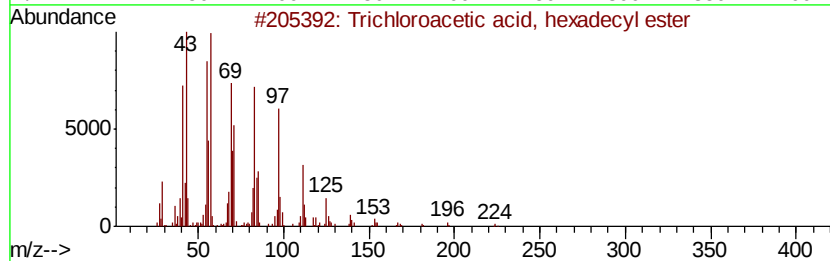
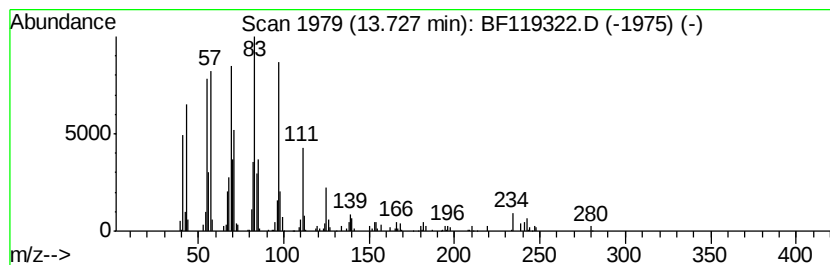
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.14 ng	327503	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119322.D
Acq On : 10 Mar 2020 17:51
Operator : CG/JU
Sample : L1852-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-D

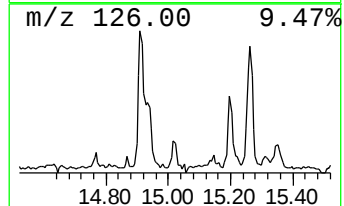
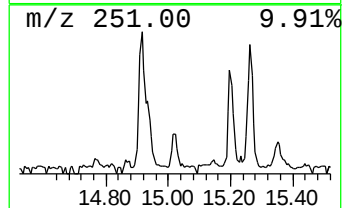
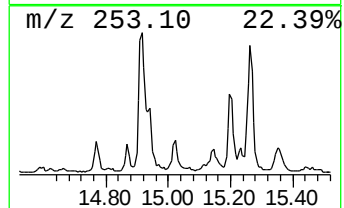
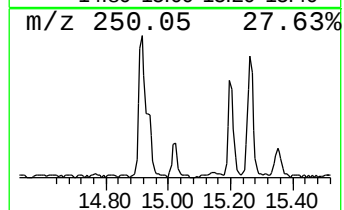
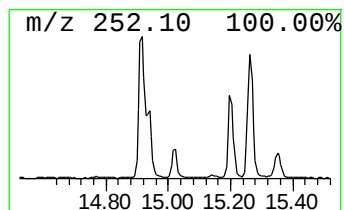
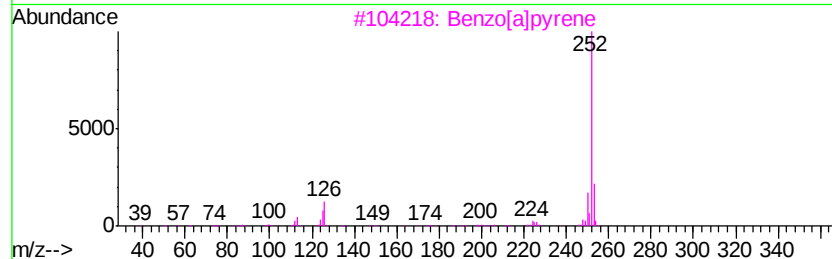
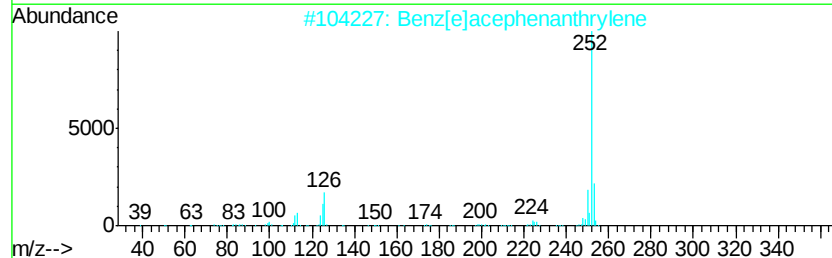
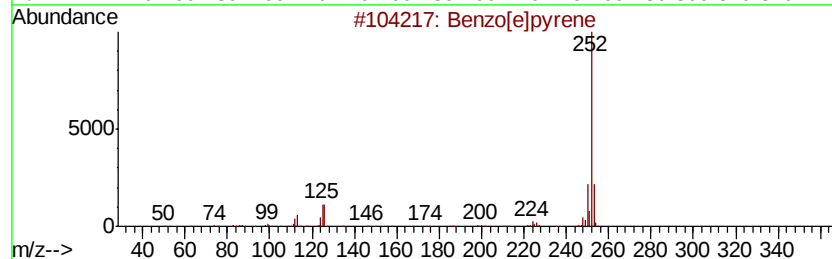
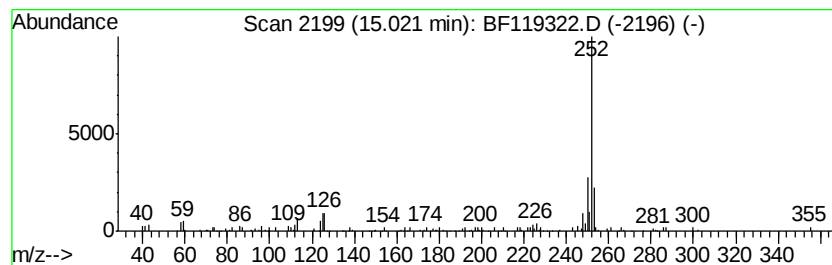
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	2.54 ng	65411	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]bpvrene	252	C20H12	000192-97-2	93
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	81
4		Perylene	252	C20H12	000198-55-0	76
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119322.D
Acq On : 10 Mar 2020 17:51
Operator : CG/JU
Sample : L1852-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-D

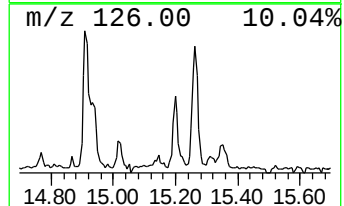
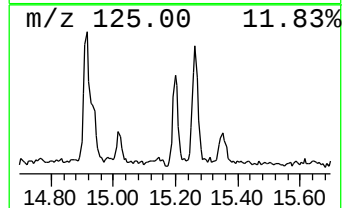
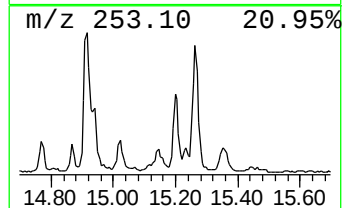
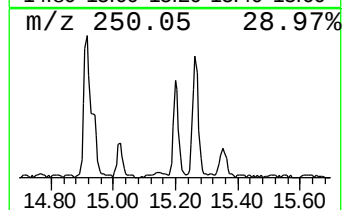
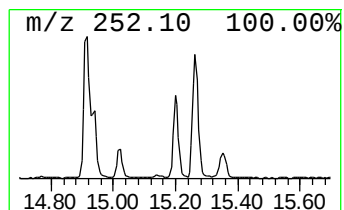
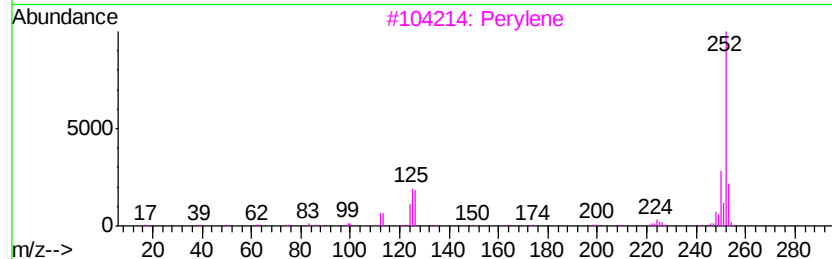
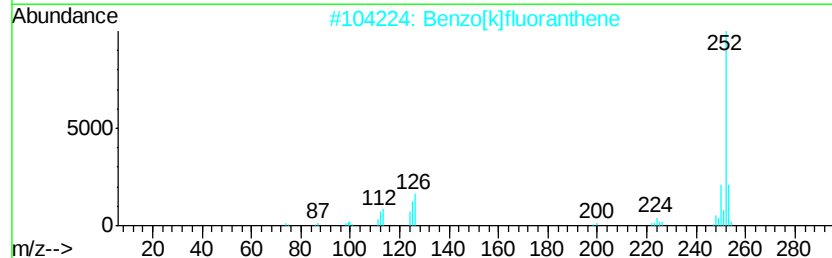
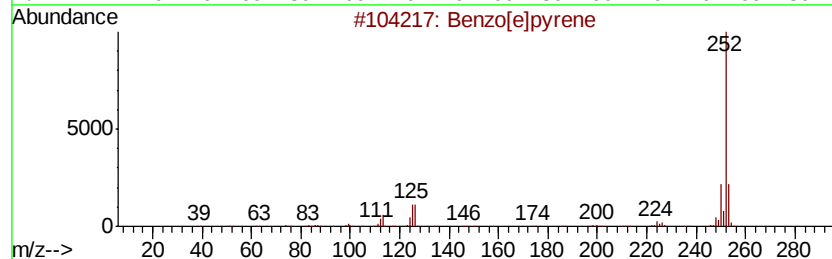
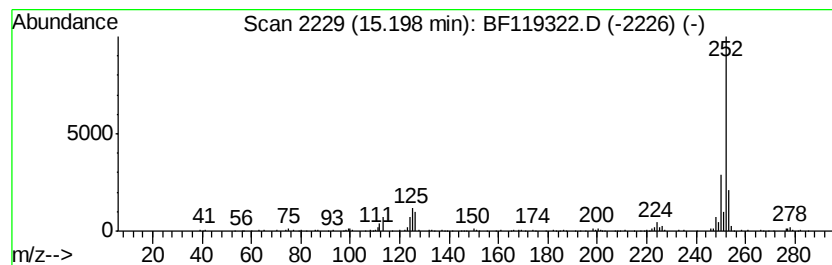
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	6.17 ng	159221	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031020\
Data File : BF119322.D
Acq On : 10 Mar 2020 17:51
Operator : CG/JU
Sample : L1852-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-D

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	7.8 ng		236533	1	6.72	603932	20.0
Naphthalene, 1,5-...	10.20	2.2 ng		94320	3	9.76	848228	20.0
n-Hexadecanoic acid	11.77	4.4 ng		163213	4	11.25	739247	20.0
4H-Cyclopenta[def...	11.86	3.1 ng		113109	4	11.25	739247	20.0
unknown11.98	11.98	2.2 ng		82100	4	11.25	739247	20.0
Trichloroacetic a...	13.73	6.1 ng		327503	5	13.89	1066470	20.0
Benzo[e]pyrene	15.02	2.5 ng		65411	6	15.32	515731	20.0
Benzo[j]fluoranthene	15.20	6.2 ng		159221	6	15.32	515731	20.0