

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
 Data File : BF118982.D
 Acq On : 21 Feb 2020 2:27
 Operator : CG/JU
 Sample : L1551-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-007-A

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	4.322	376	380	388	rBV	85283	110632	4.80%	0.406%
2	4.951	483	487	497	rVB	279094	295118	12.81%	1.082%
3	5.381	557	560	572	rBV	508702	501900	21.78%	1.841%
4	6.398	729	733	743	rBV	1842709	1612629	69.97%	5.914%
5	6.757	791	794	801	rBV	1219643	1042933	45.25%	3.825%
6	6.916	817	821	824	rBV	1959376	1650284	71.61%	6.052%
7	7.316	885	889	893	rBV	1226380	1126342	48.87%	4.131%
8	8.039	1008	1012	1015	rBV	1594844	1324713	57.48%	4.858%
9	8.063	1015	1016	1020	rVB2	54922	34285	1.49%	0.126%
10	8.639	1110	1114	1117	rBV2	29472	28958	1.26%	0.106%
11	8.851	1147	1150	1155	rVB2	26617	33037	1.43%	0.121%
12	9.069	1184	1187	1190	rVB2	31341	28112	1.22%	0.103%
13	9.116	1191	1195	1198	rBV	2681814	2304684	100.00%	8.452%
14	9.198	1204	1209	1214	rBV4	50894	79663	3.46%	0.292%
15	9.375	1236	1239	1244	rVB3	20488	30587	1.33%	0.112%
16	9.451	1250	1252	1254	rBV	47058	39427	1.71%	0.145%
17	9.504	1258	1261	1266	rVV2	105065	131382	5.70%	0.482%
18	9.575	1270	1273	1276	rVB3	25064	32702	1.42%	0.120%
19	9.651	1283	1286	1288	rBV	34231	31281	1.36%	0.115%
20	9.704	1291	1295	1297	rVV3	44016	55115	2.39%	0.202%
21	9.728	1297	1299	1303	rVV	71106	59368	2.58%	0.218%
22	9.792	1306	1310	1313	rVV	1653353	1409481	61.16%	5.169%
23	9.822	1313	1315	1319	rVB	113098	95713	4.15%	0.351%
24	9.898	1325	1328	1333	rVB4	24052	34651	1.50%	0.127%
25	9.951	1333	1337	1339	rBV5	18584	29106	1.26%	0.107%
26	9.992	1341	1344	1349	rVB	70609	70399	3.05%	0.258%
27	10.110	1361	1364	1367	rBV2	30635	35493	1.54%	0.130%
28	10.198	1376	1379	1381	rBV3	24532	28553	1.24%	0.105%
29	10.227	1381	1384	1386	rVB2	63968	54255	2.35%	0.199%
30	10.339	1399	1403	1408	rBV	64757	73779	3.20%	0.271%
31	10.451	1419	1422	1426	rVB2	52919	52933	2.30%	0.194%
32	10.498	1427	1430	1434	rVB4	36988	47296	2.05%	0.173%
33	10.575	1434	1443	1447	rBV5	131934	190652	8.27%	0.699%
34	10.710	1461	1466	1472	rVB4	151873	218344	9.47%	0.801%

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35	10.763	1472	1475	1477	rBV	130009	113311	4.92%	0.416%
36	10.792	1477	1480	1484	rVV2	128753	175415	7.61%	0.643%
37	10.827	1484	1486	1488	rVV	133717	114320	4.96%	0.419%
38	10.851	1488	1490	1493	rVV	83180	81391	3.53%	0.298%
39	10.892	1493	1497	1498	rVV2	61549	95300	4.14%	0.350%
40	10.910	1498	1500	1502	rVV2	72507	67670	2.94%	0.248%
41	10.939	1502	1505	1509	rVV3	109610	141291	6.13%	0.518%
42	10.974	1509	1511	1513	rVV	103157	95787	4.16%	0.351%
43	11.016	1516	1518	1523	rVV	80471	98640	4.28%	0.362%
44	11.080	1526	1529	1533	rVV3	33271	33512	1.45%	0.123%
45	11.145	1534	1540	1542	rVV4	84940	107833	4.68%	0.395%
46	11.174	1542	1545	1550	rVB3	78269	104940	4.55%	0.385%
47	11.274	1558	1562	1564	rBV	1235809	1203791	52.23%	4.415%
48	11.298	1564	1566	1569	rVV	570403	475287	20.62%	1.743%
49	11.345	1569	1574	1578	rVB	160961	185910	8.07%	0.682%
50	11.386	1578	1581	1584	rBV4	25249	30267	1.31%	0.111%
51	11.504	1598	1601	1603	rBV	54607	47246	2.05%	0.173%
52	11.569	1609	1612	1616	rBV	66635	57772	2.51%	0.212%
53	11.774	1644	1647	1649	rBV	82645	67628	2.93%	0.248%
54	11.804	1649	1652	1655	rVB	175247	158734	6.89%	0.582%
55	11.886	1662	1666	1668	rBV2	137180	156540	6.79%	0.574%
56	11.904	1668	1669	1674	rVB	71947	67211	2.92%	0.246%
57	11.974	1679	1681	1684	rVB	63280	56740	2.46%	0.208%
58	12.069	1694	1697	1699	rBV	60025	51018	2.21%	0.187%
59	12.098	1699	1702	1705	rVB3	44481	50254	2.18%	0.184%
60	12.216	1720	1722	1725	rVB2	39262	33506	1.45%	0.123%
61	12.251	1725	1728	1735	rVB4	46340	74922	3.25%	0.275%
62	12.321	1737	1740	1743	rBV	104604	105348	4.57%	0.386%
63	12.363	1745	1747	1752	rVB2	85268	101799	4.42%	0.373%
64	12.410	1752	1755	1758	rBV	52052	56234	2.44%	0.206%
65	12.480	1764	1767	1771	rBV	883392	803834	34.88%	2.948%
66	12.586	1781	1785	1789	rBV4	63959	105551	4.58%	0.387%
67	12.633	1791	1793	1797	rVV2	46280	62988	2.73%	0.231%
68	12.710	1801	1806	1809	rVV	827661	842274	36.55%	3.089%
69	12.733	1809	1810	1813	rVB	94787	64409	2.79%	0.236%
70	12.851	1827	1830	1839	rVB	2055428	1852054	80.36%	6.792%
71	13.039	1859	1862	1865	rVB	129389	120758	5.24%	0.443%

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72	13.092	1868	1871	1876	rVB2	81820	126339	5.48%	0.463%
73	13.139	1877	1879	1888	rVB3	74741	125868	5.46%	0.462%
74	13.263	1898	1900	1903	rBV	56468	54775	2.38%	0.201%
75	13.327	1908	1911	1914	rVV	189445	162570	7.05%	0.596%
76	13.433	1926	1929	1931	rBV	100707	86575	3.76%	0.318%
77	13.545	1946	1948	1952	rVB	74243	75376	3.27%	0.276%
78	13.757	1981	1984	1992	rVB2	267649	326115	14.15%	1.196%
79	13.910	2005	2010	2012	rBV2	1290045	1596835	69.29%	5.856%
80	13.933	2012	2014	2017	rVB	378236	289504	12.56%	1.062%
81	14.074	2036	2038	2042	rVB2	163539	135495	5.88%	0.497%
82	14.380	2087	2090	2094	rBV2	273086	270243	11.73%	0.991%
83	14.680	2138	2141	2144	rBV	308458	319057	13.84%	1.170%
84	14.927	2180	2183	2186	rBV	376227	523812	22.73%	1.921%
85	14.998	2192	2195	2199	rVB	328374	356745	15.48%	1.308%
86	15.280	2240	2243	2248	rVB	269813	342797	14.87%	1.257%
87	15.339	2249	2253	2262	rVB2	882230	1519346	65.92%	5.572%

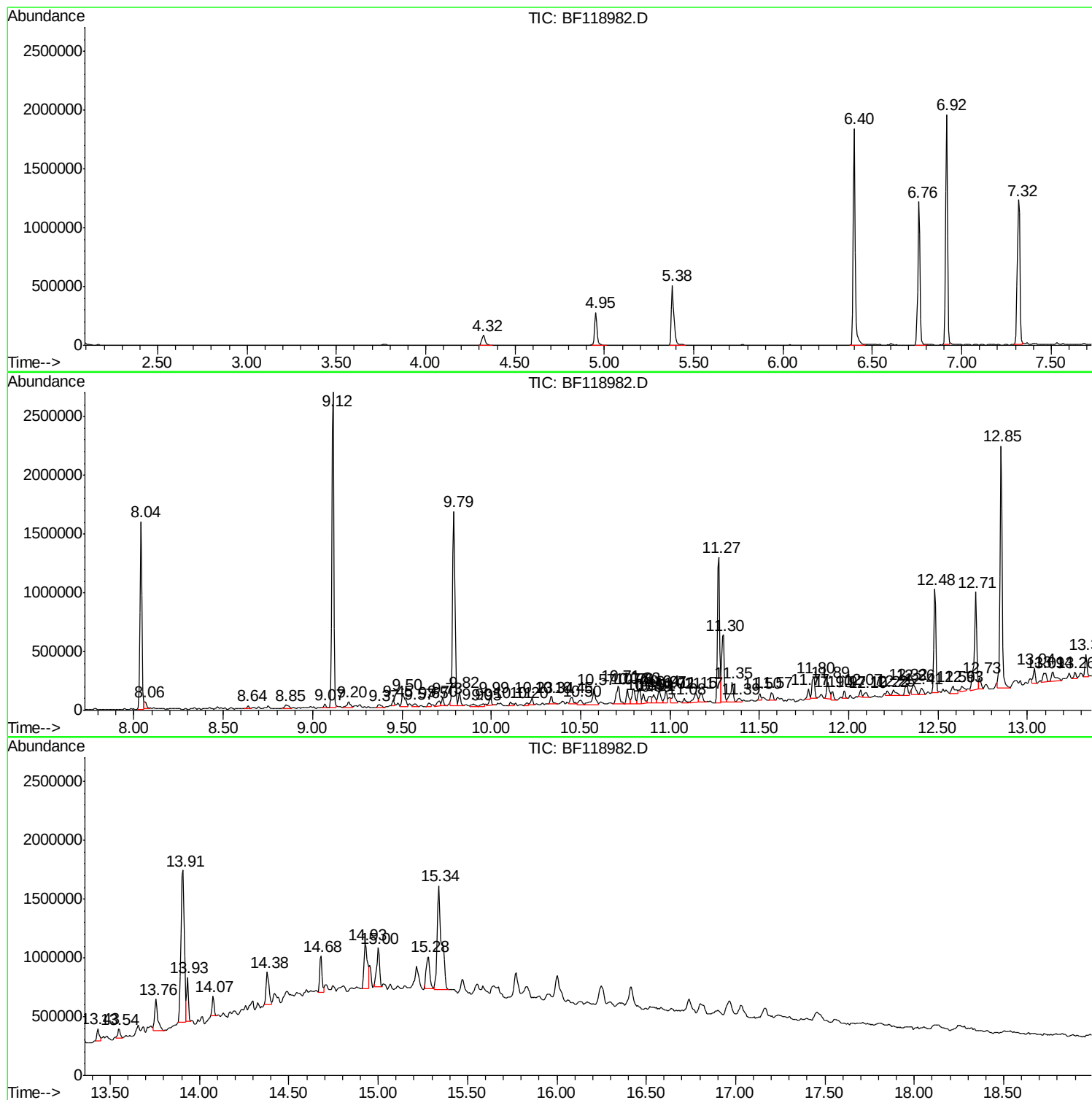
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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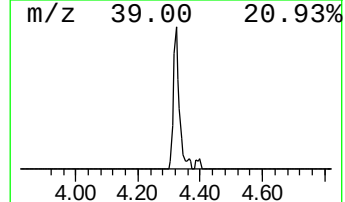
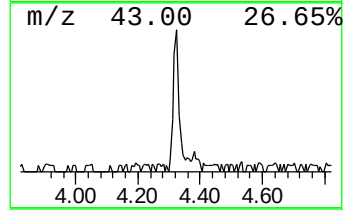
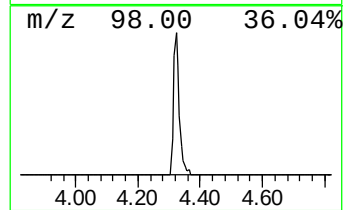
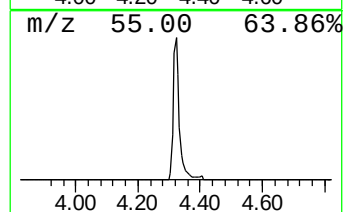
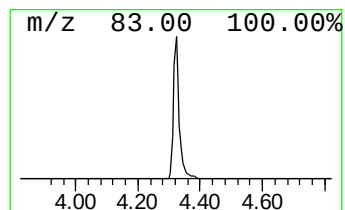
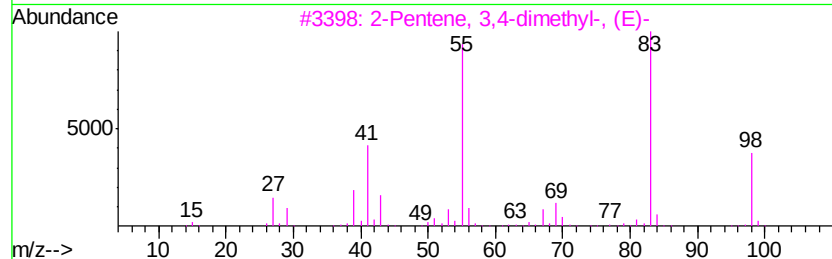
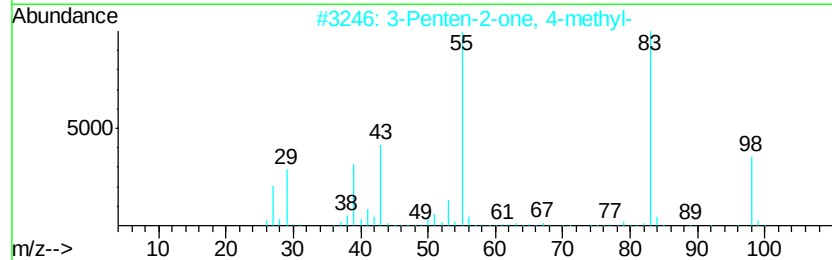
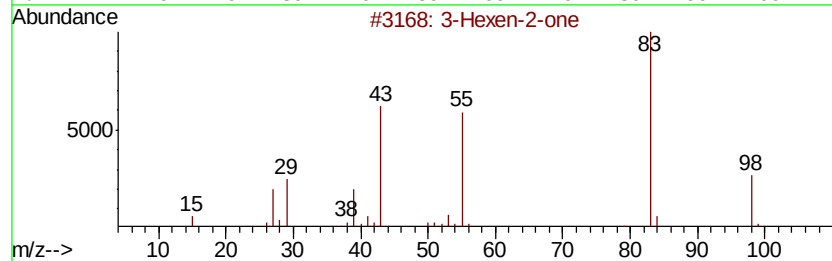
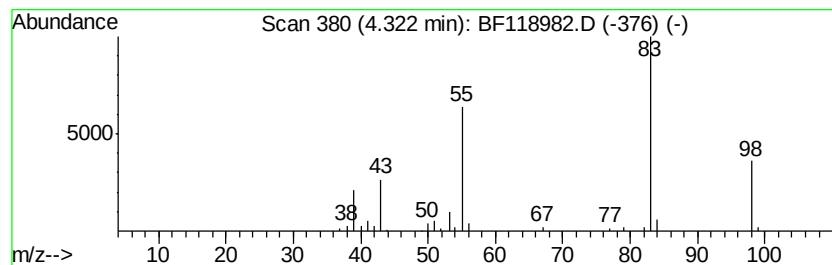
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Hexen-2-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.32	2.12 ng	110632	1,4-Dichlorobenzene-d4	6.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80



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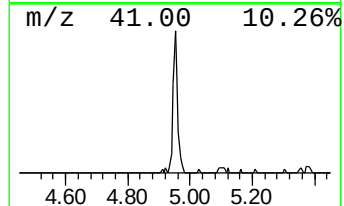
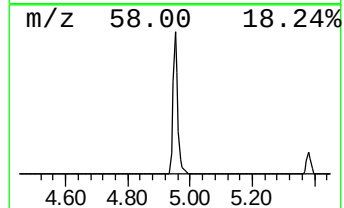
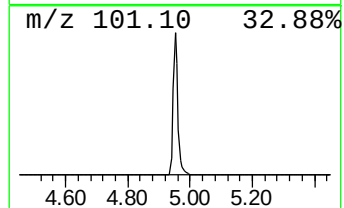
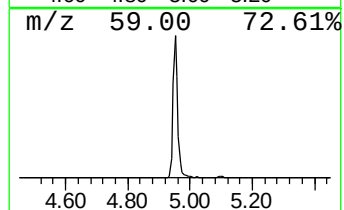
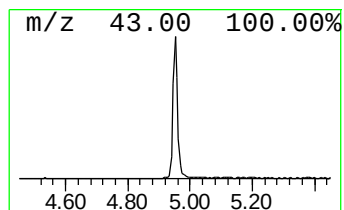
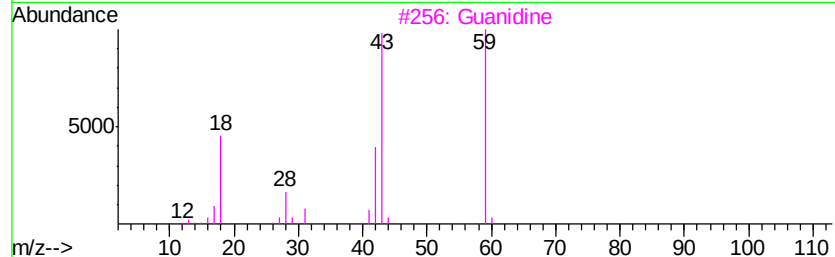
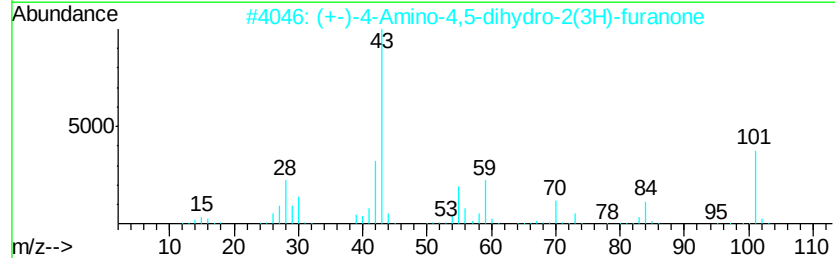
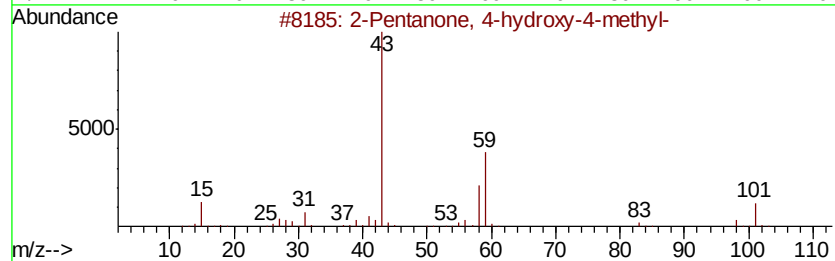
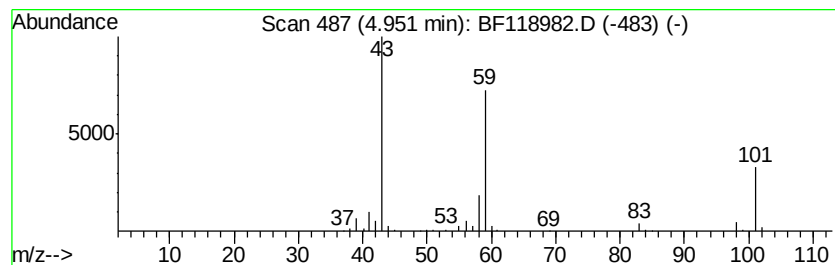
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.95	5.66 ng	295118	1,4-Dichlorobenzene-d4	6.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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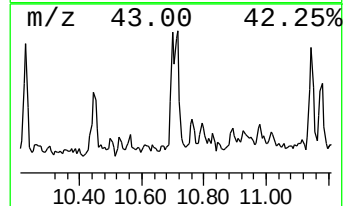
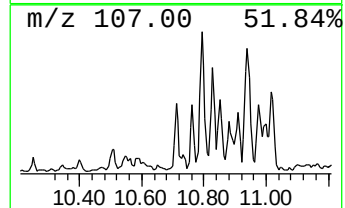
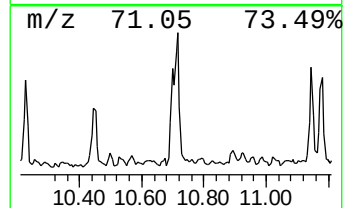
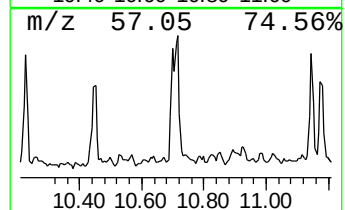
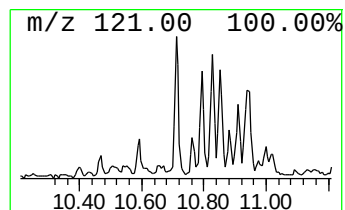
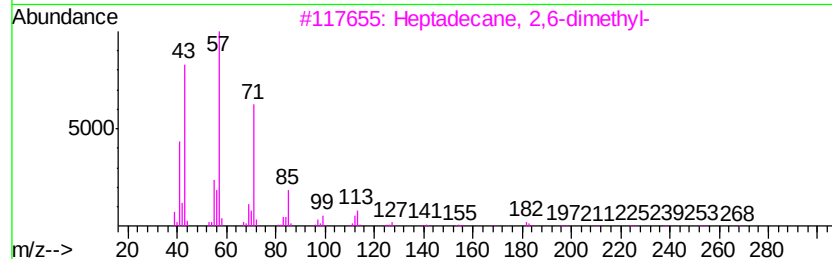
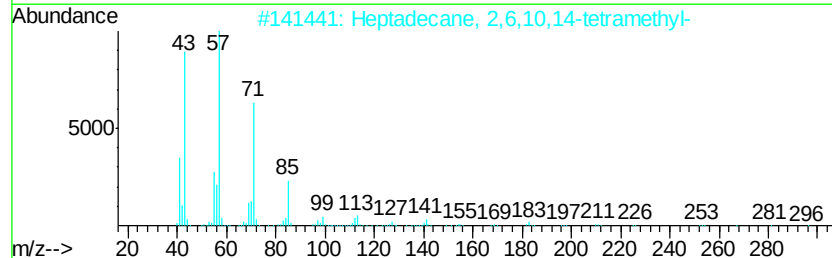
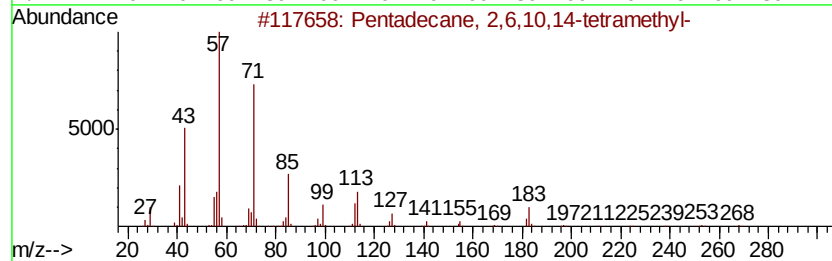
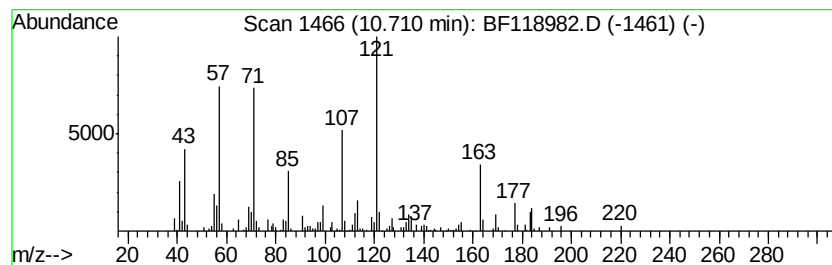
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.71	3.63 ng	218344	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	30
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	27
4	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	25
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	25



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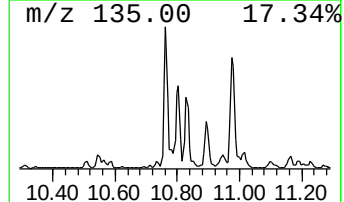
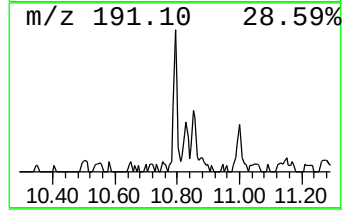
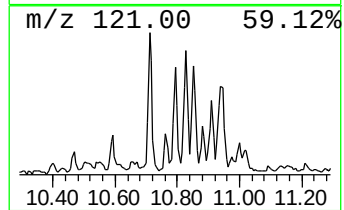
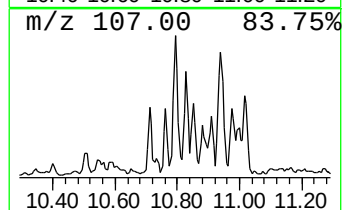
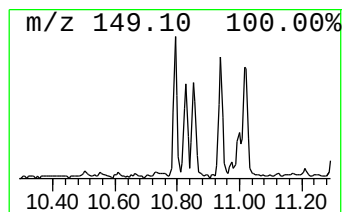
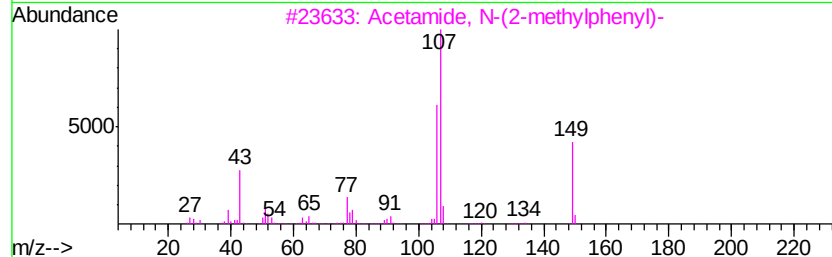
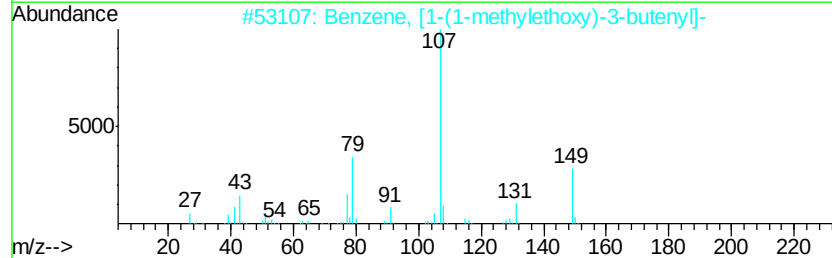
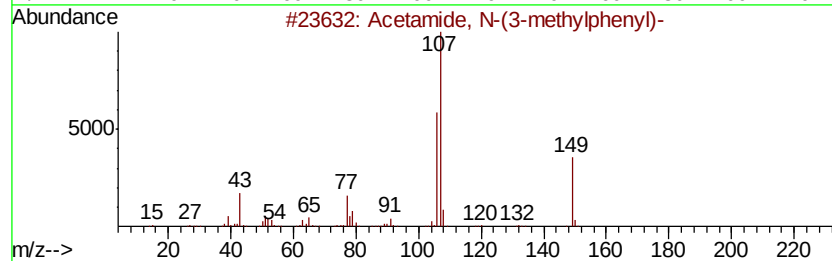
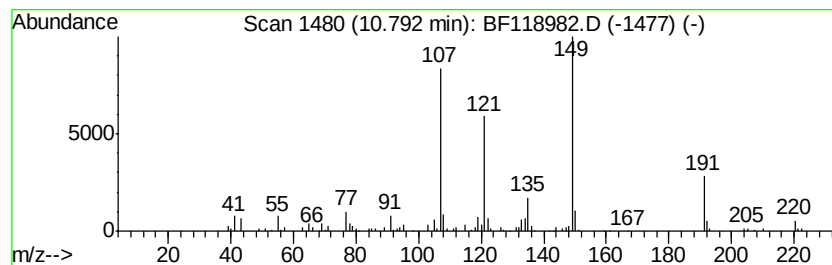
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Acetamide, N-(3-methylphenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.91 ng	175415	Phenanthrene-d10	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Acetamide, N-(3-methylphenyl)-	149 C9H11NO	000537-92-8 59
2		Benzene, [1-(1-methylethoxy)-3-b...	190 C13H18O	098088-47-2 59
3		Acetamide, N-(2-methylphenyl)-	149 C9H11NO	000120-66-1 43
4		Benzene, 1-ethoxy-4-ethyl-	150 C10H14O	001585-06-4 41
5		5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149 C6H7N5	1000244-21-4 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118982.D
Acq On : 21 Feb 2020 2:27
Operator : CG/JU
Sample : L1551-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

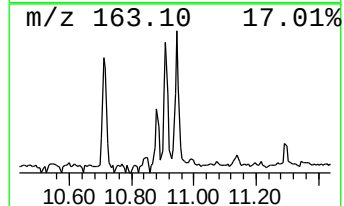
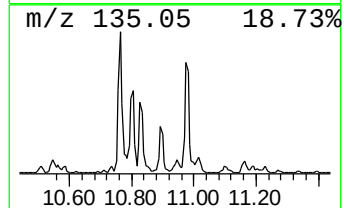
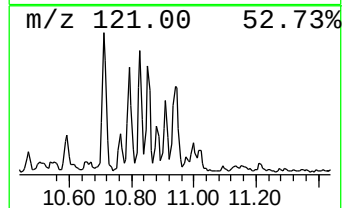
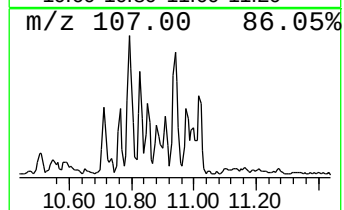
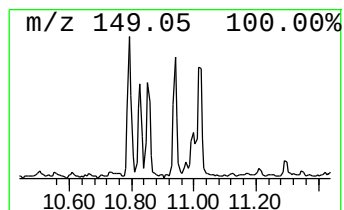
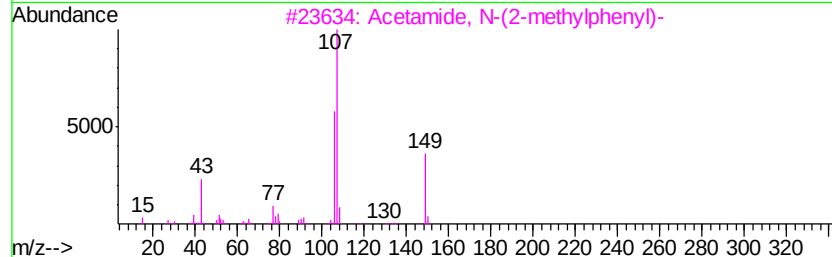
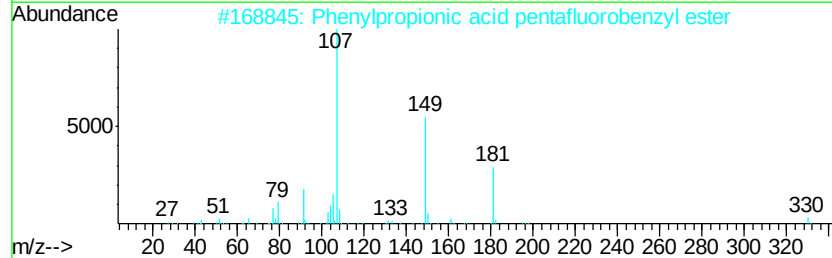
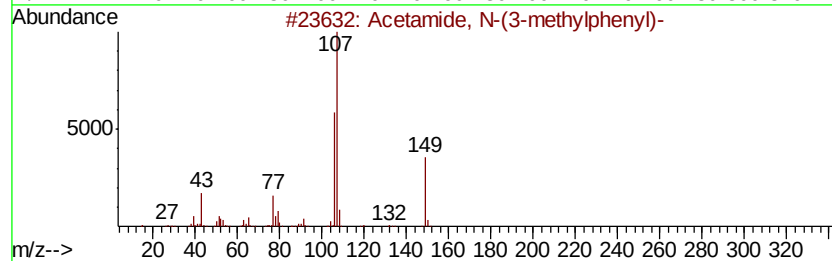
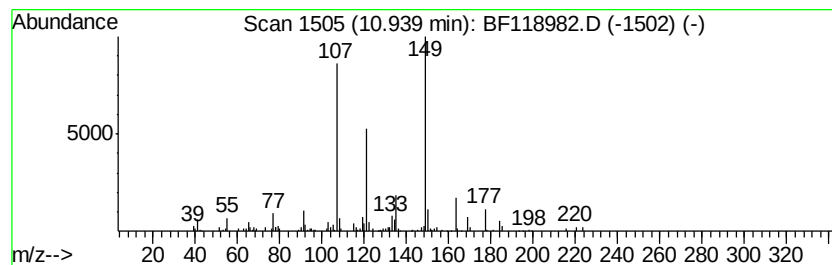
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenylpropionic acid pentafluorobenzyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.94	2.35 ng	141291	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	59
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	59
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	47
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118982.D
Acq On : 21 Feb 2020 2:27
Operator : CG/JU
Sample : L1551-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

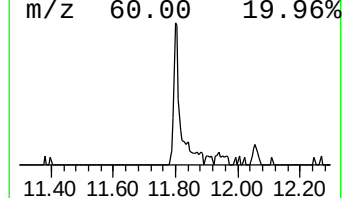
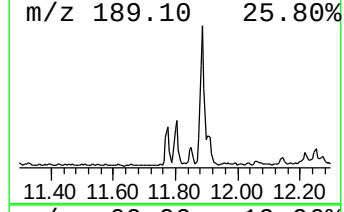
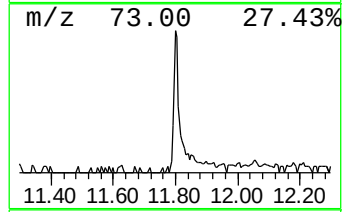
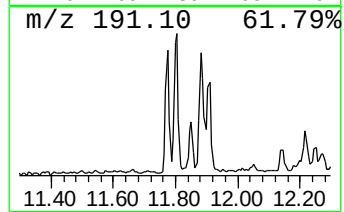
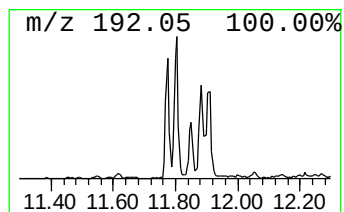
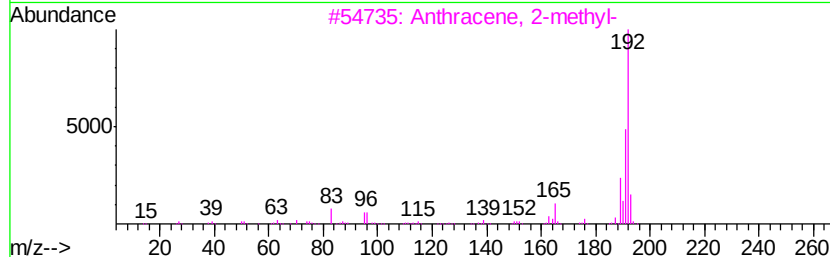
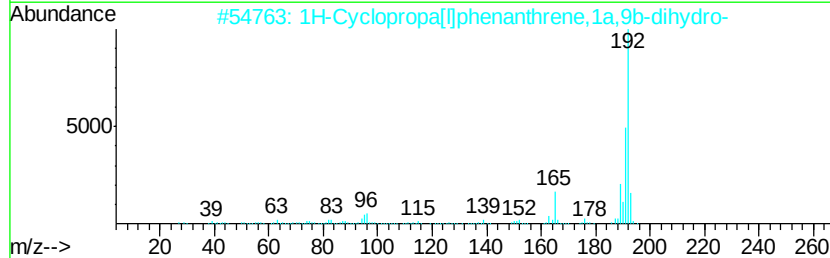
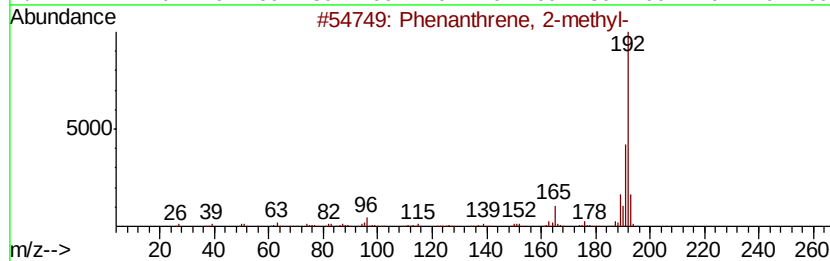
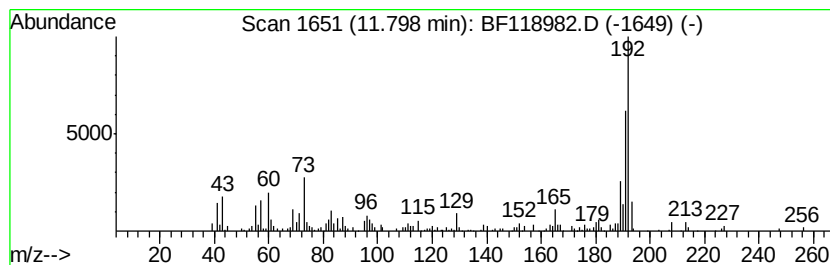
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.80	2.64 ng	158734	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118982.D
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Operator : CG/JU
Sample : L1551-01 2X
Misc :
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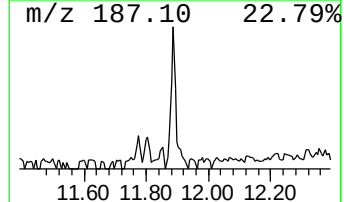
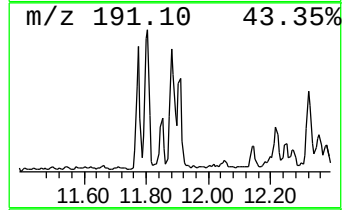
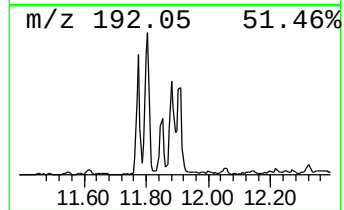
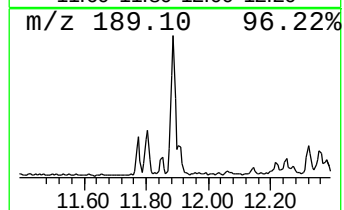
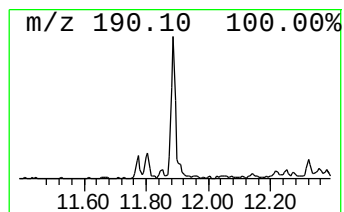
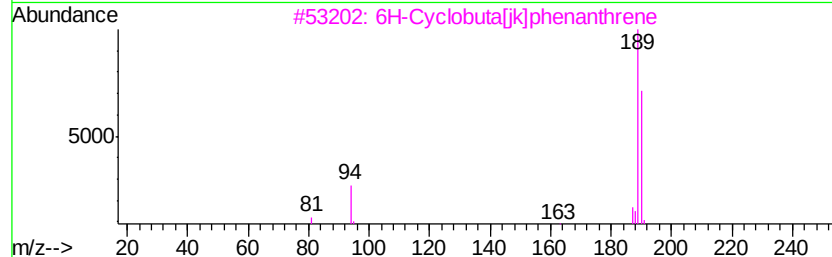
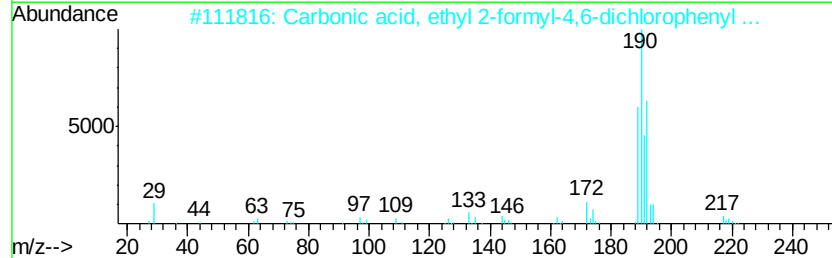
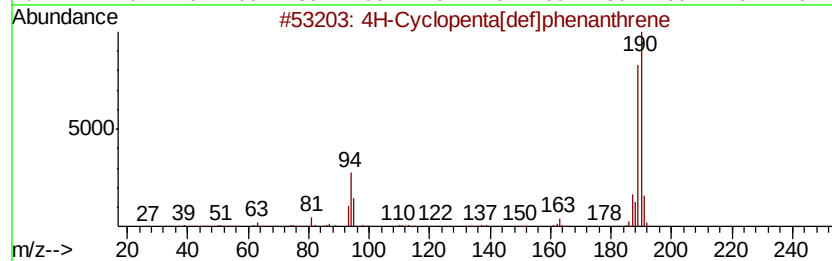
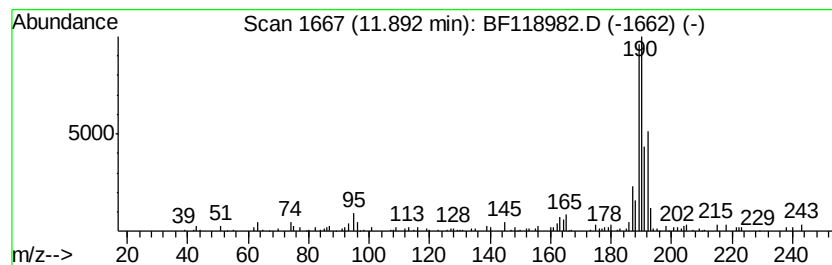
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	2.60 ng	156540	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	47
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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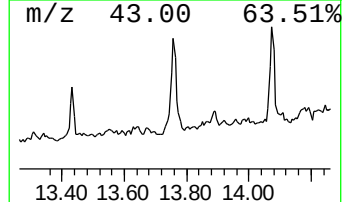
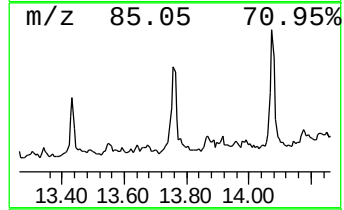
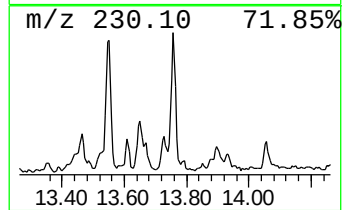
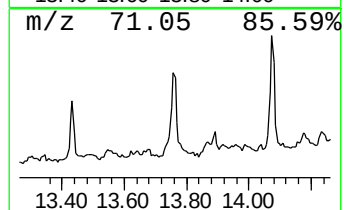
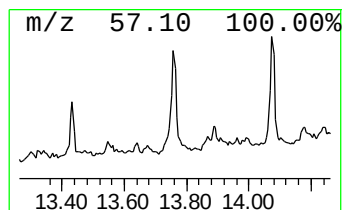
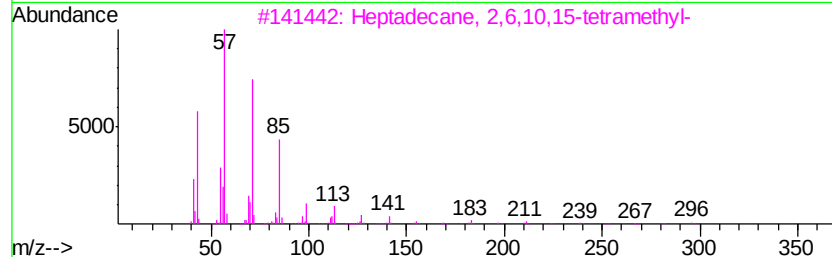
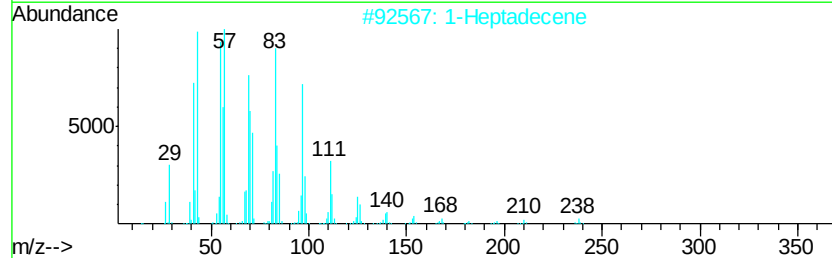
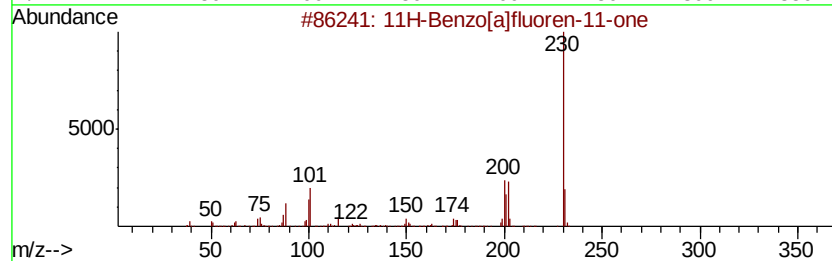
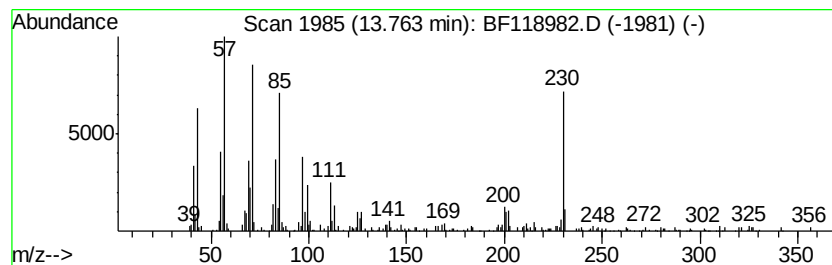
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.76	4.08 ng	326115	Chrysene-d12	13.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[<i>a</i>]fluoren-11-one	230	C17H10O	000479-79-8	81
2		1-Heptadecene	238	C17H34	006765-39-5	68
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
4		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	49
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118982.D
Acq On : 21 Feb 2020 2:27
Operator : CG/JU
Sample : L1551-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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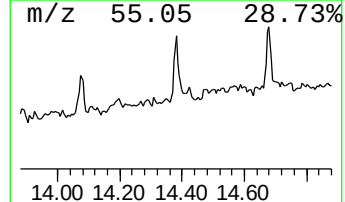
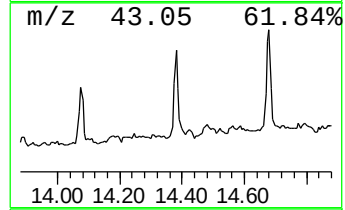
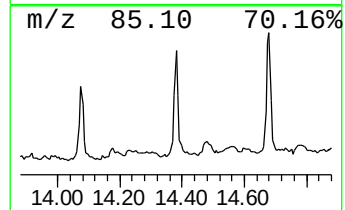
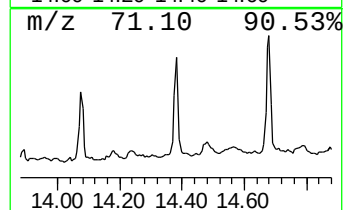
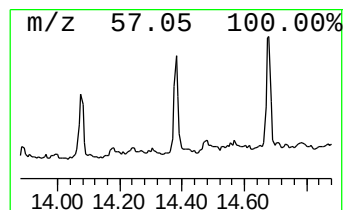
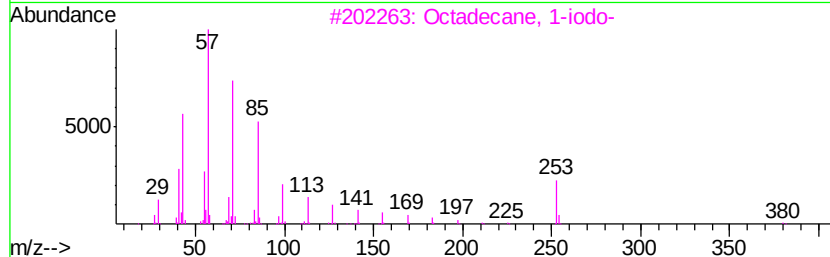
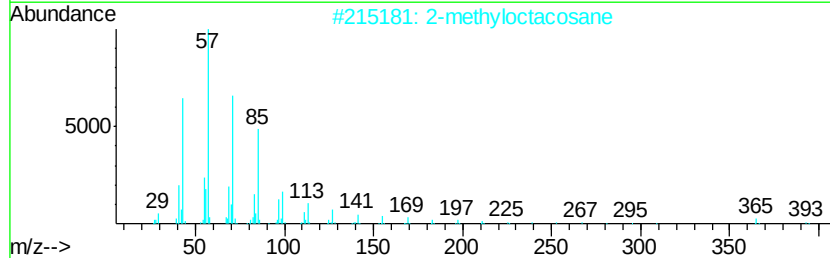
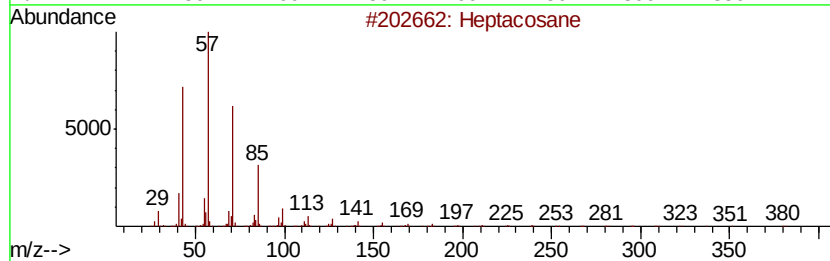
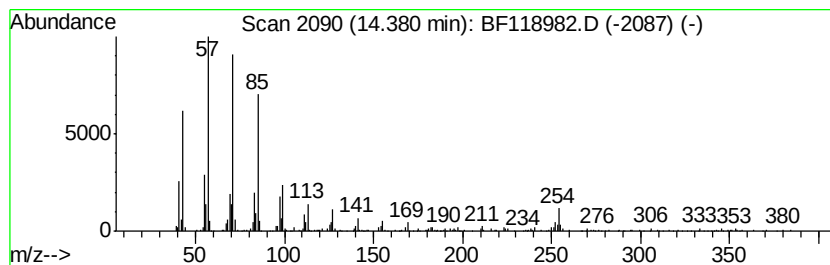
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	3.38 ng	270243	Chrysene-d12	13.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	95
2	2-methyloctacosane		408	C29H60	1000376-72-8	90
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	90
4	Hexatriacontane		507	C36H74	000630-06-8	86
5	Octacosane		394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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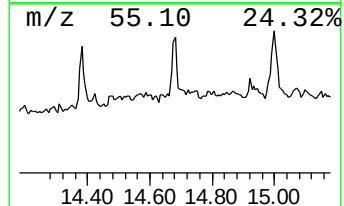
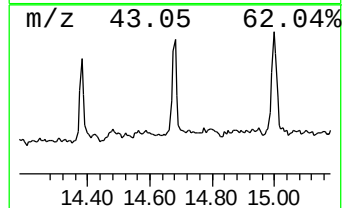
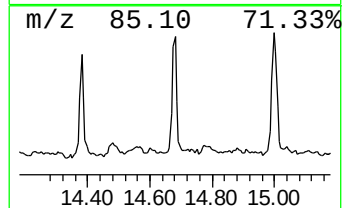
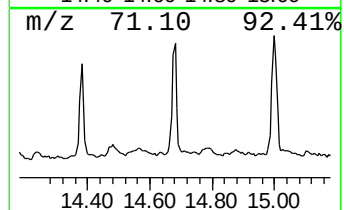
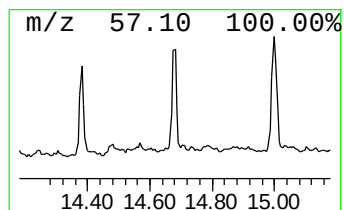
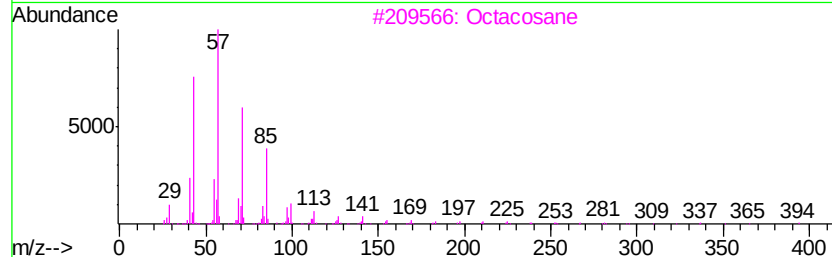
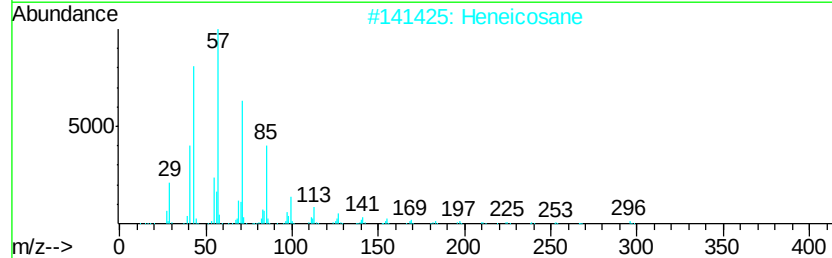
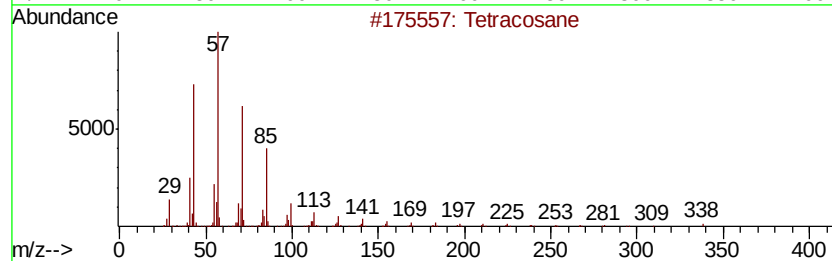
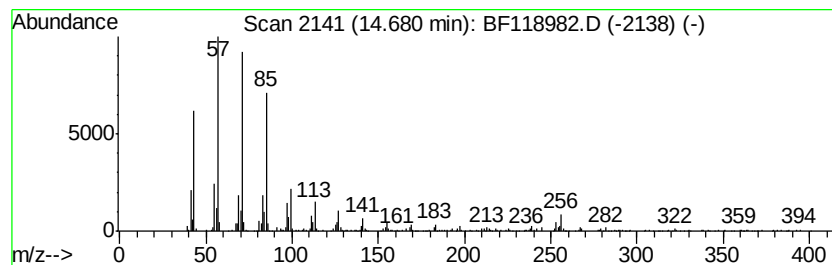
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.68	4.20 ng	319057	Perylene-d12	15.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heneicosane	296	C21H44	000629-94-7	93
3	Octacosane	394	C28H58	000630-02-4	93
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
5	Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022020\
Data File : BF118982.D
Acq On : 21 Feb 2020 2:27
Operator : CG/JU
Sample : L1551-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-007-A

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
3-Hexen-2-one	4.32	2.1 ng		110632	1	6.76	1042930	20.0
2-Pentanone, 4-hy...	4.95	5.7 ng		295118	1	6.76	1042930	20.0
unknown10.71	10.71	3.6 ng		218344	4	11.27	1203790	20.0
Acetamide, N-(3-m...	10.79	2.9 ng		175415	4	11.27	1203790	20.0
Phenylpropionic a...	10.94	2.4 ng		141291	4	11.27	1203790	20.0
Phenanthrene, 2-m...	11.80	2.6 ng		158734	4	11.27	1203790	20.0
4H-Cyclopenta[def...	11.89	2.6 ng		156540	4	11.27	1203790	20.0
11H-Benzo[a]fluor...	13.76	4.1 ng		326115	5	13.91	1596840	20.0
Heptacosane	14.38	3.4 ng		270243	5	13.91	1596840	20.0
Tetracosane	14.68	4.2 ng		319057	6	15.34	1519350	20.0