

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
 Data File : BF116820.D
 Acq On : 4 Sep 2019 17:21
 Operator : HP/JU
 Sample : K4639-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-02

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-BF083019.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	5.463	570	574	578	rBV	1247364	1218490	78.07%	6.065%
2	6.481	742	747	757	rBV	1510784	1388326	88.95%	6.911%
3	6.557	757	760	763	rVB	209403	159792	10.24%	0.795%
4	6.622	766	771	774	rBV	1475493	1370361	87.80%	6.821%
5	6.675	777	780	785	rVB2	64034	63647	4.08%	0.317%
6	6.845	806	809	812	rBV	397831	356229	22.82%	1.773%
7	7.004	832	836	840	rBV	1202387	1000538	64.10%	4.981%
8	7.404	900	904	907	rBV	944696	814269	52.17%	4.053%
9	7.451	909	912	915	rVB	35740	30237	1.94%	0.151%
10	7.551	925	929	933	rVB	82863	73496	4.71%	0.366%
11	8.128	1023	1027	1031	rBV	557025	485382	31.10%	2.416%
12	8.557	1097	1100	1102	rBV	32306	27446	1.76%	0.137%
13	8.951	1164	1167	1171	rBV	26488	26589	1.70%	0.132%
14	9.092	1188	1191	1194	rVB2	28123	29596	1.90%	0.147%
15	9.157	1199	1202	1206	rVB2	36920	31085	1.99%	0.155%
16	9.204	1206	1210	1213	rBV	2079031	1560860	100.00%	7.770%
17	9.298	1220	1226	1228	rBV5	19524	33284	2.13%	0.166%
18	9.357	1233	1236	1238	rVB	25750	23583	1.51%	0.117%
19	9.528	1261	1265	1266	rBV3	18949	24829	1.59%	0.124%
20	9.592	1273	1276	1281	rVB	258012	247178	15.84%	1.230%
21	9.633	1281	1283	1285	rVB2	32348	26391	1.69%	0.131%
22	9.669	1285	1289	1291	rBV3	32477	31272	2.00%	0.156%
23	9.857	1318	1321	1322	rBV	60868	61127	3.92%	0.304%
24	9.881	1322	1325	1329	rVV	663845	579731	37.14%	2.886%
25	9.928	1329	1333	1336	rVB6	29546	28644	1.84%	0.143%
26	9.992	1340	1344	1349	rBV5	32482	44446	2.85%	0.221%
27	10.051	1350	1354	1356	rBV4	33472	46657	2.99%	0.232%
28	10.081	1356	1359	1361	rBV3	35801	32526	2.08%	0.162%
29	10.145	1365	1370	1372	rBV4	28715	42232	2.71%	0.210%
30	10.175	1372	1375	1377	rBV2	31229	27219	1.74%	0.135%
31	10.198	1377	1379	1383	rBV5	28698	39693	2.54%	0.198%
32	10.292	1393	1395	1397	rBV2	21302	24495	1.57%	0.122%
33	10.316	1397	1399	1402	rVV2	32843	26849	1.72%	0.134%
34	10.351	1402	1405	1407	rVV3	19459	26585	1.70%	0.132%

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35	10.398	1411	1413	1415	rVB	39164	29147	1.87%	0.145%
36	10.539	1431	1437	1443	rBV	127797	205592	13.17%	1.023%
37	10.586	1443	1445	1449	rVB3	38285	38353	2.46%	0.191%
38	10.633	1449	1453	1455	rBV3	42784	55864	3.58%	0.278%
39	10.669	1455	1459	1463	rVB	987131	853230	54.66%	4.247%
40	10.763	1473	1475	1477	rBV	51922	37044	2.37%	0.184%
41	10.804	1477	1482	1487	rVV2	294347	349738	22.41%	1.741%
42	10.851	1487	1490	1492	rBV	307324	245042	15.70%	1.220%
43	10.886	1492	1496	1499	rVV2	238652	287097	18.39%	1.429%
44	10.916	1499	1501	1503	rVV	279947	227031	14.55%	1.130%
45	10.939	1503	1505	1508	rVV	170116	145783	9.34%	0.726%
46	10.980	1508	1512	1514	rVV3	129979	193428	12.39%	0.963%
47	11.028	1517	1520	1524	rVV3	224901	274316	17.57%	1.366%
48	11.069	1524	1527	1529	rVV	280684	259543	16.63%	1.292%
49	11.110	1532	1534	1539	rVB3	162751	144259	9.24%	0.718%
50	11.228	1551	1554	1557	rBV3	97086	124539	7.98%	0.620%
51	11.269	1557	1561	1566	rVB2	235663	279569	17.91%	1.392%
52	11.363	1574	1577	1580	rBV	518424	505183	32.37%	2.515%
53	11.386	1580	1581	1584	rVB	113574	68067	4.36%	0.339%
54	11.616	1617	1620	1623	rVB	96335	87135	5.58%	0.434%
55	11.663	1625	1628	1630	rVV2	61232	48594	3.11%	0.242%
56	11.892	1664	1667	1670	rBV2	299316	266472	17.07%	1.326%
57	11.957	1676	1678	1679	rBV	61356	52849	3.39%	0.263%
58	12.069	1694	1697	1701	rBV4	288076	297235	19.04%	1.480%
59	12.316	1736	1739	1741	rVB	159135	118234	7.57%	0.589%
60	12.351	1742	1745	1749	rBV2	122108	151595	9.71%	0.755%
61	12.457	1760	1763	1765	rBV3	118386	125232	8.02%	0.623%
62	12.574	1781	1783	1786	rVB	188703	159881	10.24%	0.796%
63	12.622	1788	1791	1797	rVB	1459100	1293434	82.87%	6.439%
64	12.804	1820	1822	1824	rBV	234133	222920	14.28%	1.110%
65	12.827	1824	1826	1829	rVB2	279520	249711	16.00%	1.243%
66	12.945	1843	1846	1850	rBV	1478580	1545019	98.99%	7.691%
67	13.380	1918	1920	1922	rBV2	181118	173908	11.14%	0.866%
68	13.463	1932	1934	1937	rVB	212695	166332	10.66%	0.828%
69	13.980	2020	2022	2024	rBV	848289	804468	51.54%	4.005%

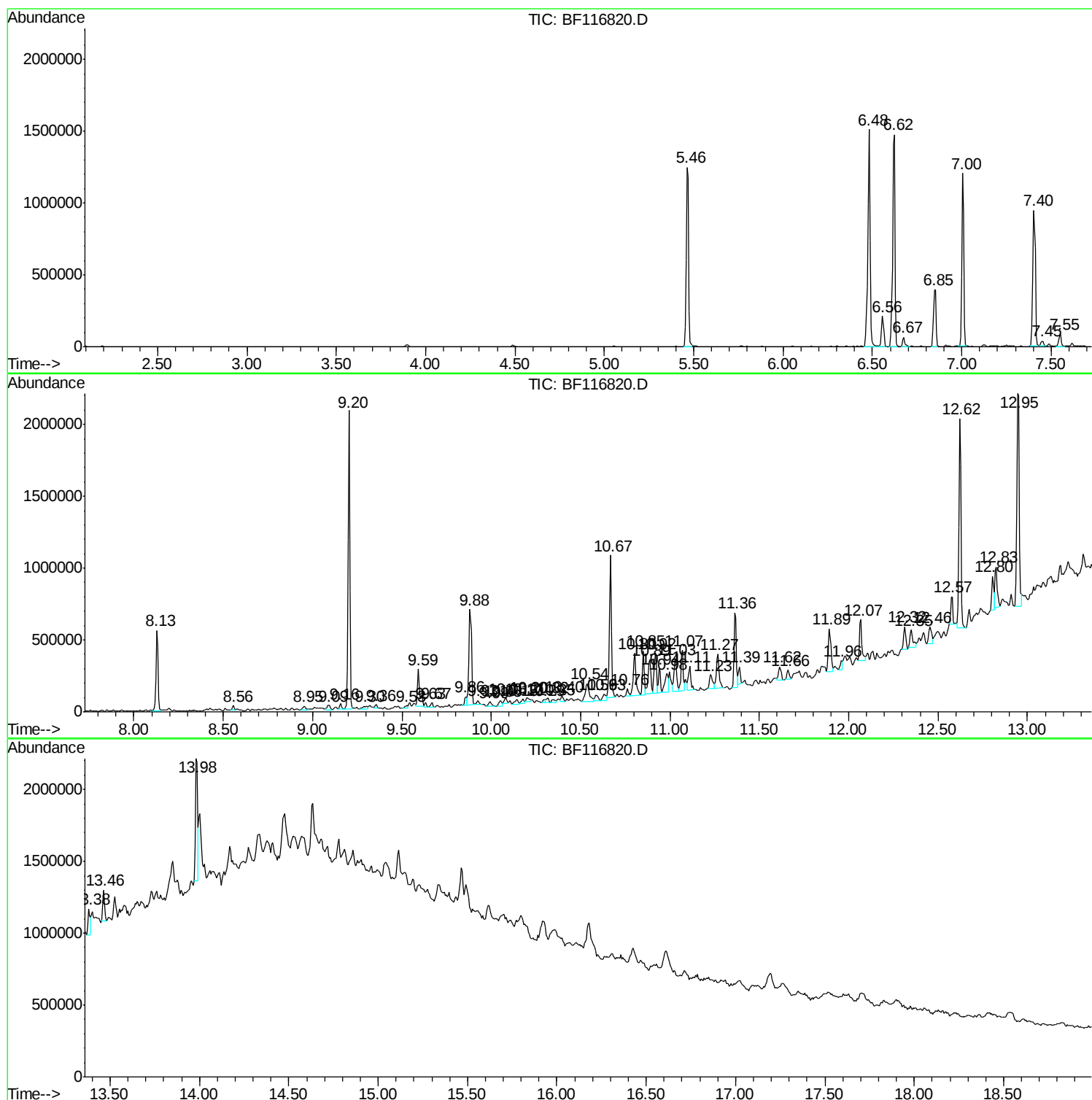
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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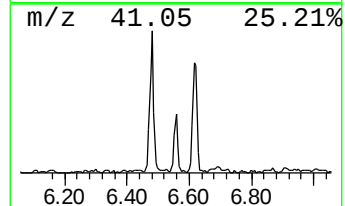
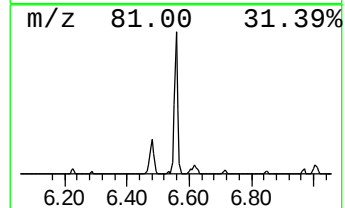
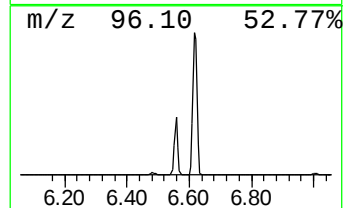
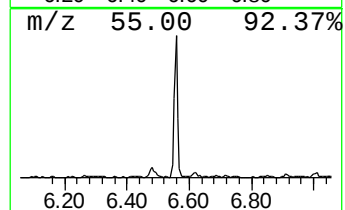
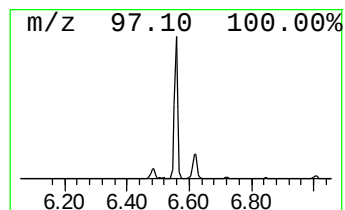
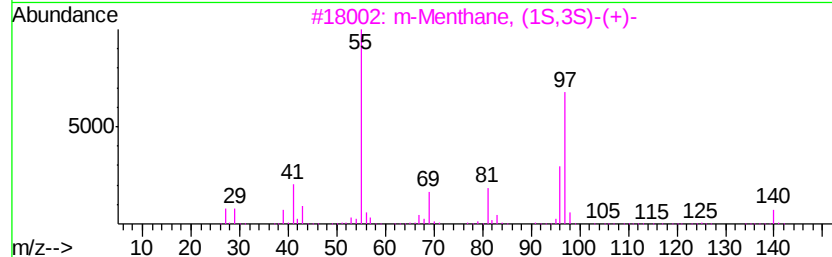
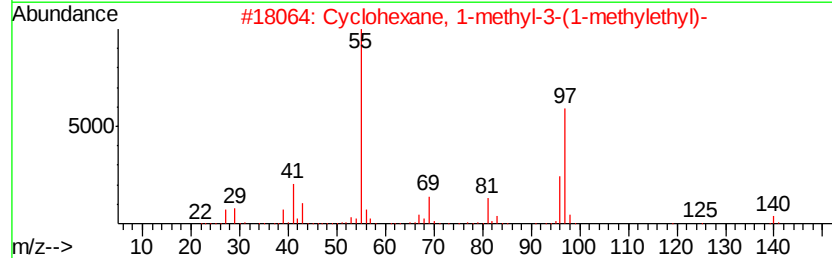
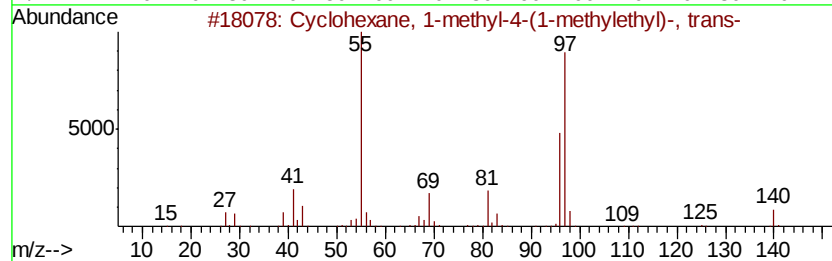
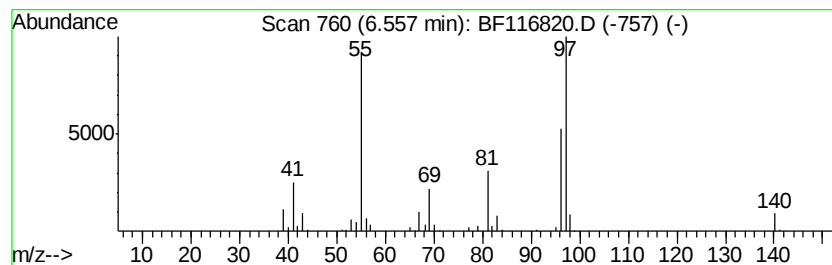
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	8.97 ng	159792	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	94
2			Cyclohexane, 1-methyl-3-(1-methyl-...	140	C10H20	016580-24-8	91
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91
4			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	78
5			Cyclohexane, 1-isopropyl-1-methyl-	140	C10H20	016580-26-0	78



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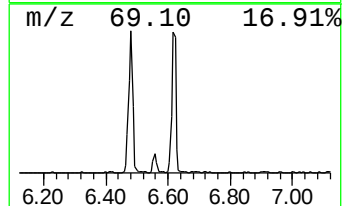
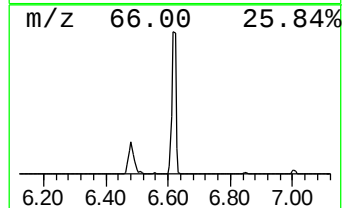
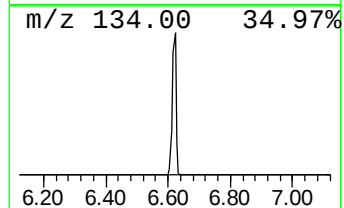
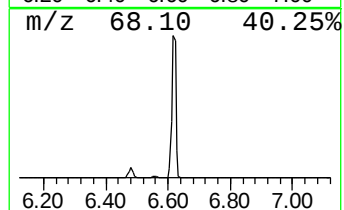
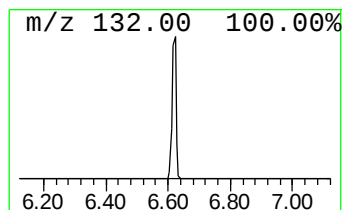
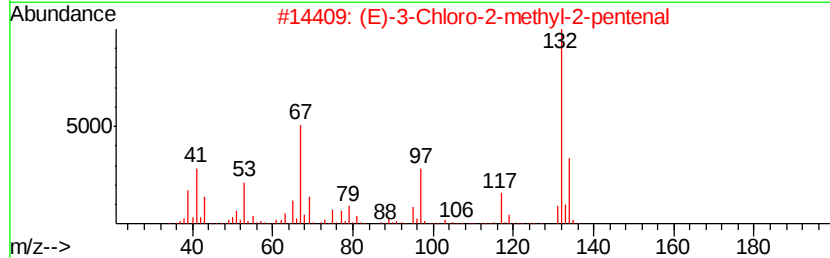
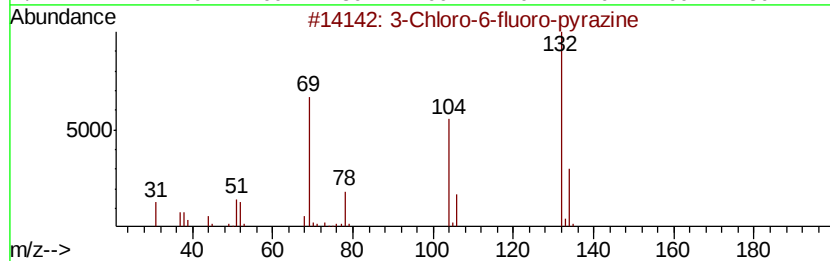
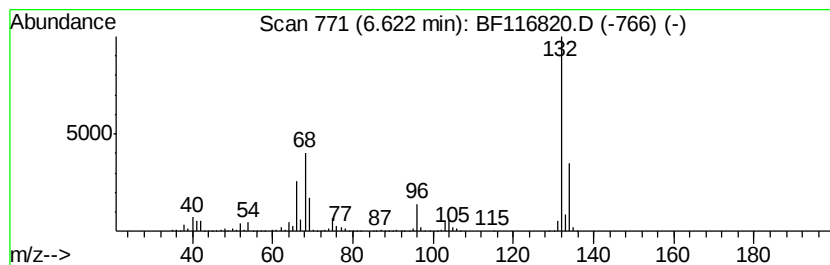
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	76.94 ng	1370360	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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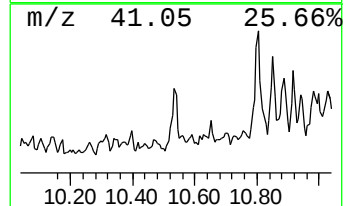
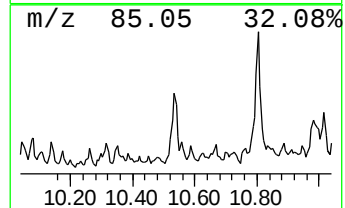
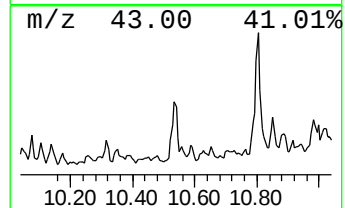
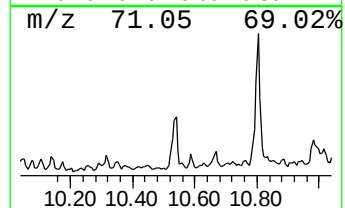
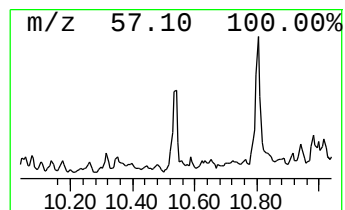
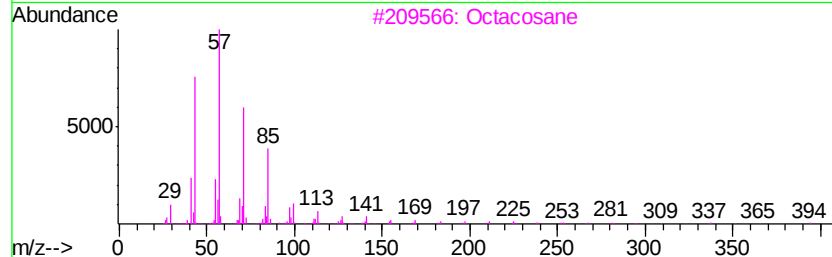
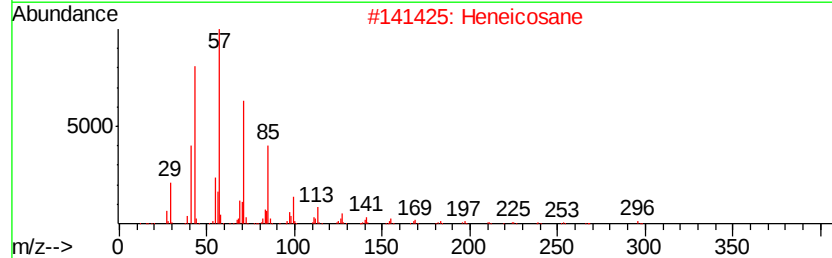
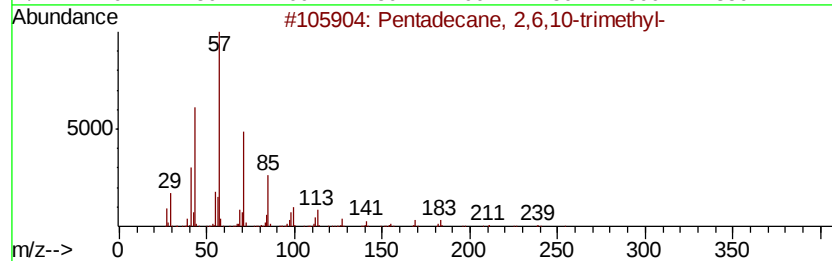
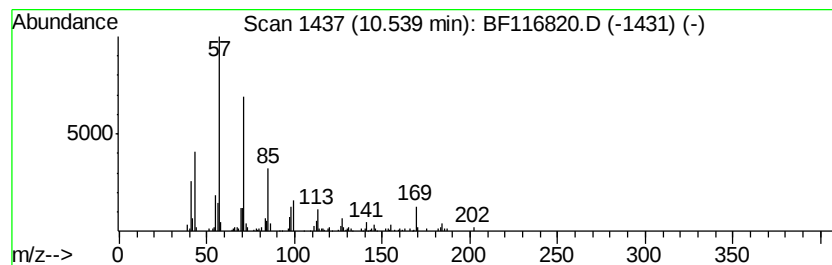
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	7.09 ng	205592	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2		Heneicosane	296	C21H44	000629-94-7	74
3		Octacosane	394	C28H58	000630-02-4	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Heptacosane	380	C27H56	000593-49-7	72



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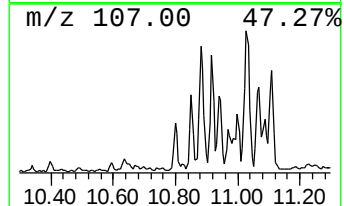
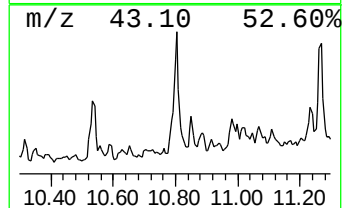
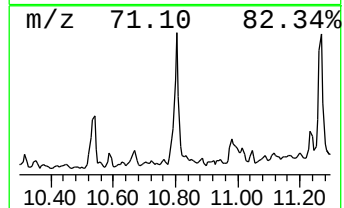
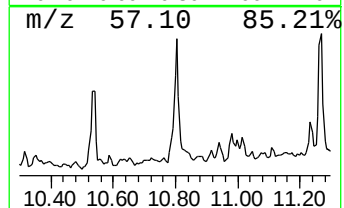
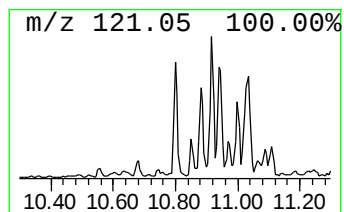
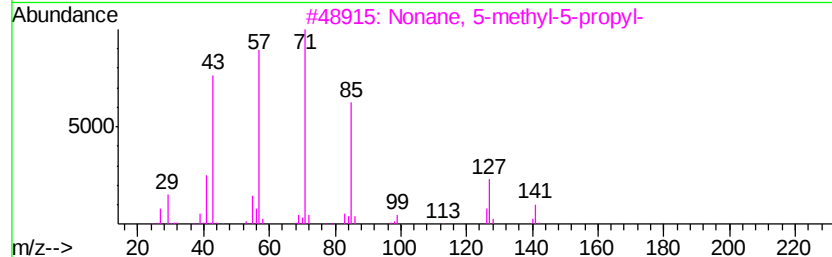
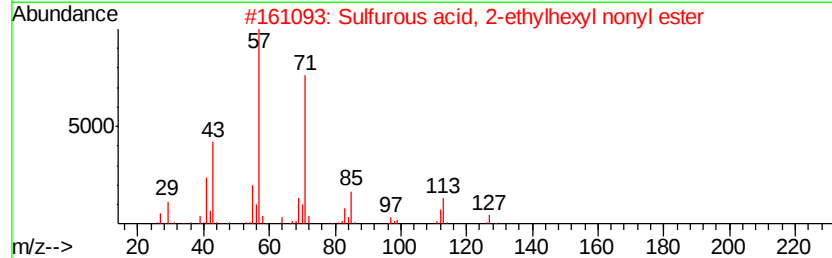
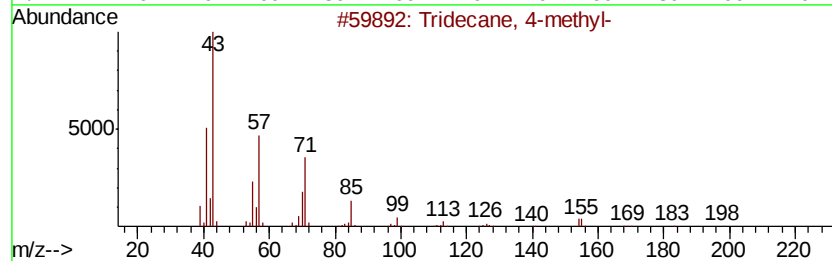
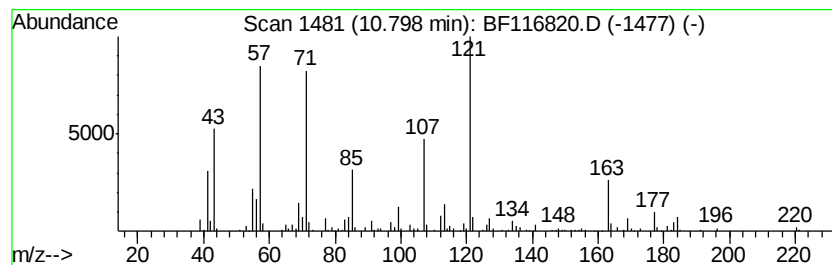
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Tridecane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	13.85 ng	349738	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	52
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	50
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-02

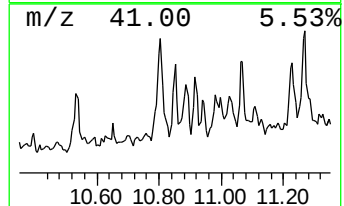
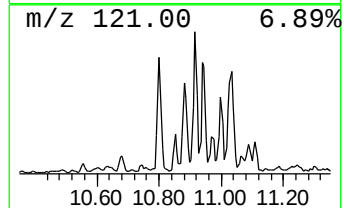
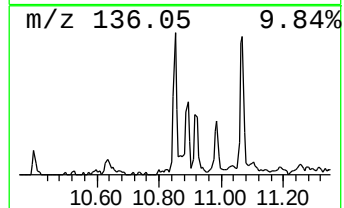
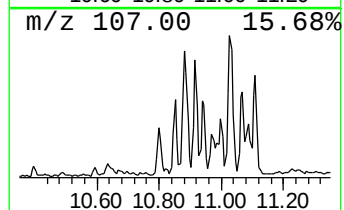
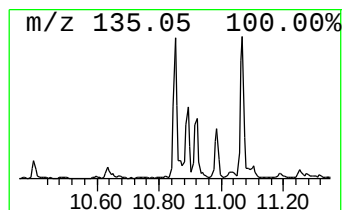
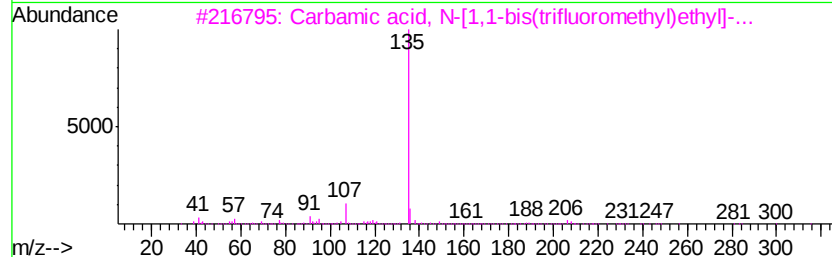
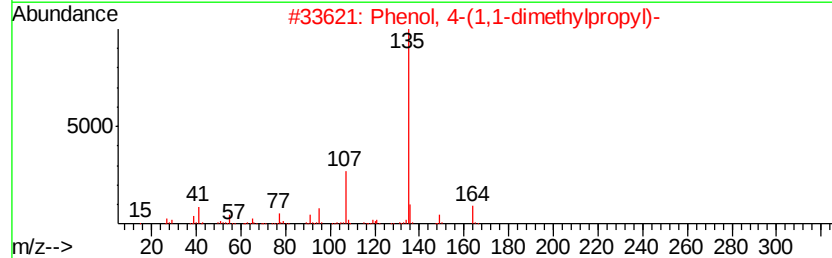
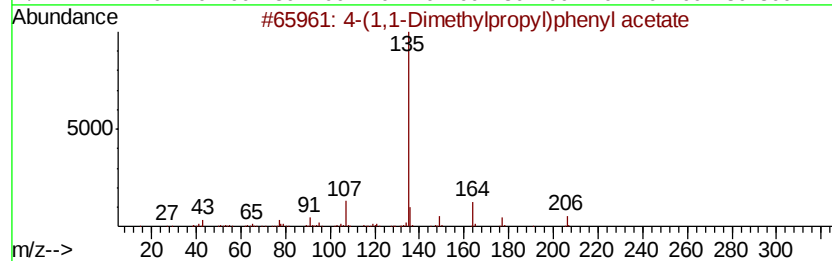
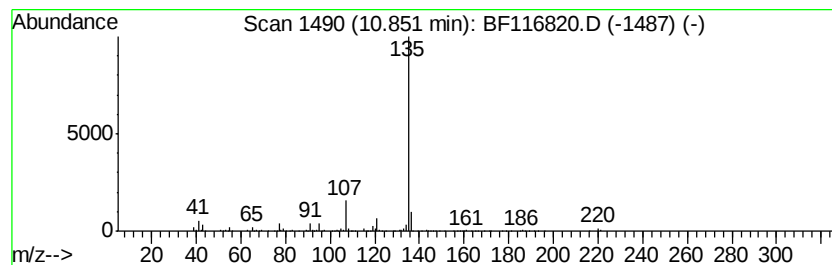
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbamic acid, N-[1,1-bis(t... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	9.70 ng	245042	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	72
4		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5		1-n-Hexyladamantane	220	C16H28	022458-75-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

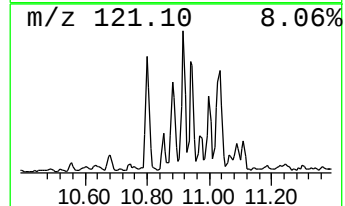
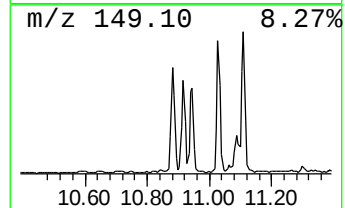
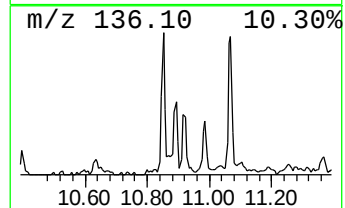
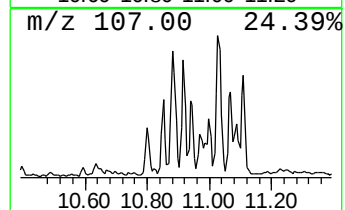
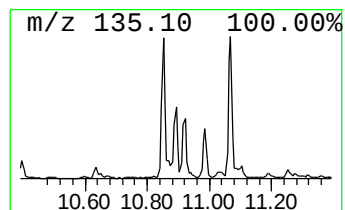
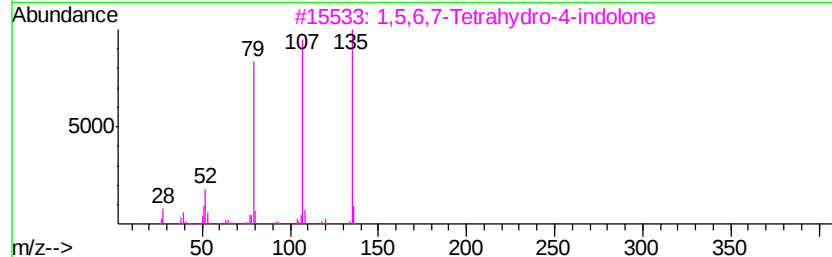
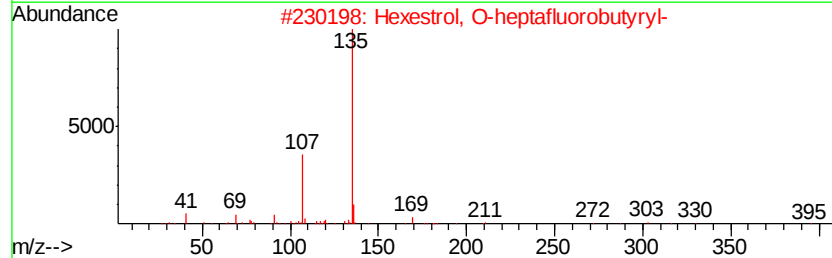
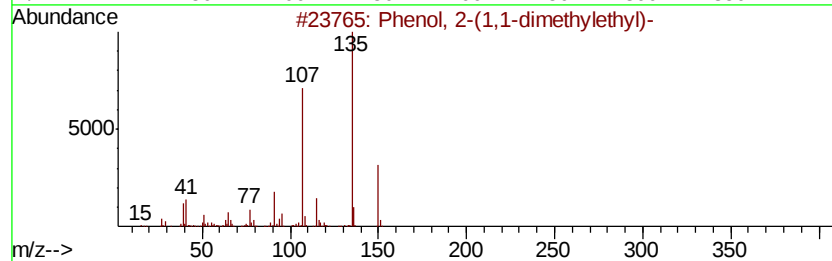
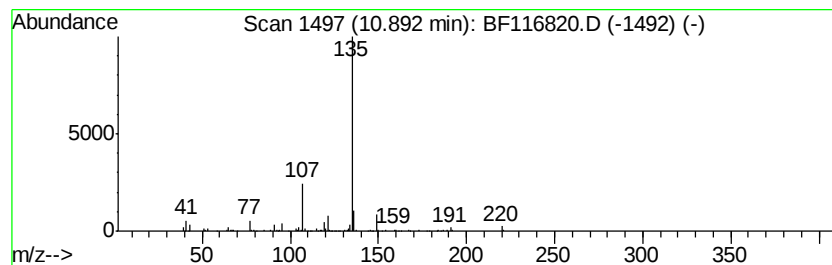
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.89	11.37 ng	287097	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52	
2	Hexestrol, O-heptafluorobutyl-	466	C22H21F7O3	1000365-31-9	50	
3	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	50	
4	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50	
5	Hexestrol	270	C18H22O2	000084-16-2	50	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

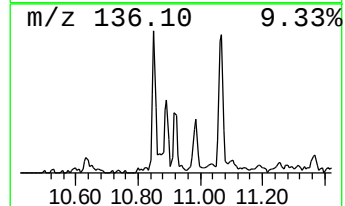
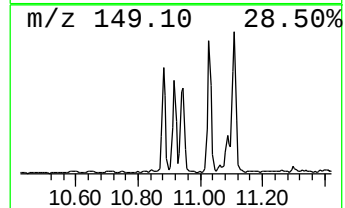
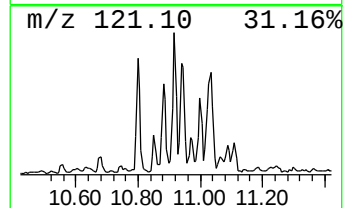
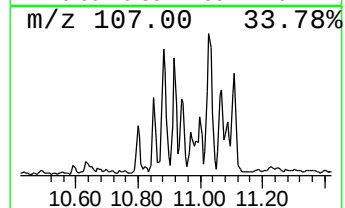
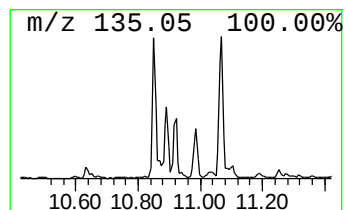
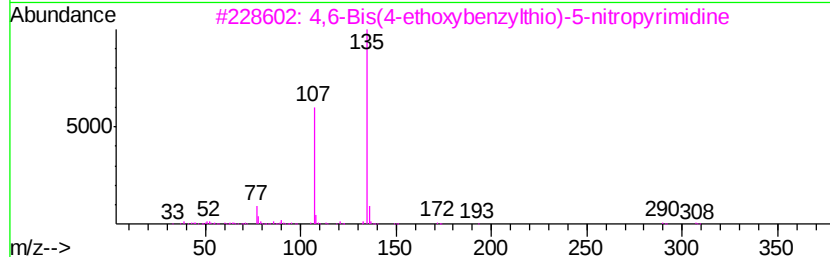
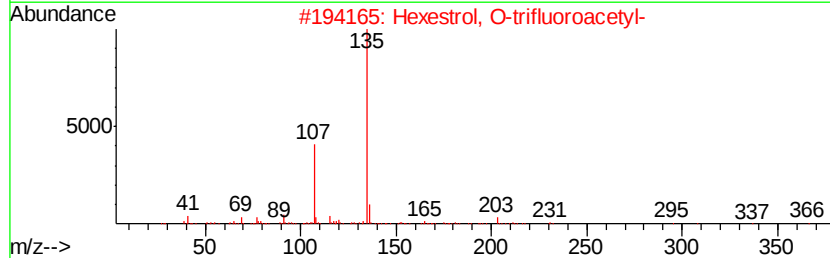
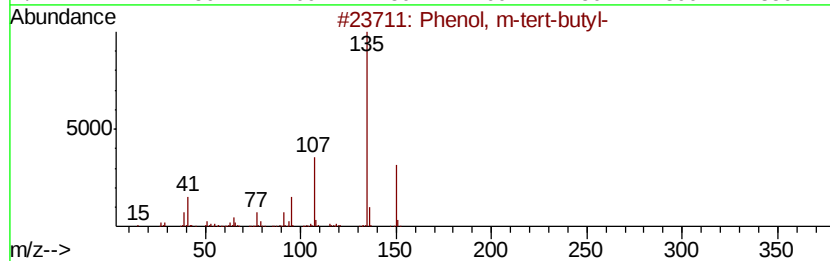
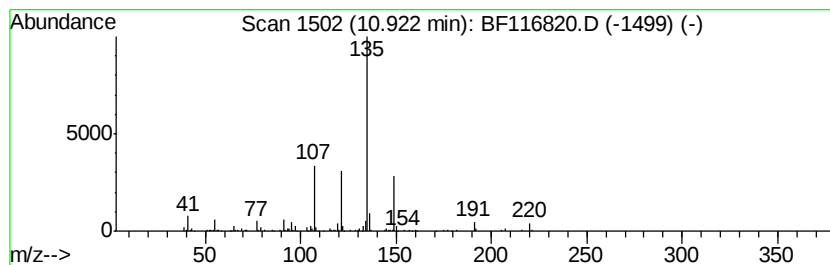
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, m-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.92	8.99 ng	227031	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58
2		Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	50
3		4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50
4		3-Penten-2-one, 4-(2,6,6-trimeth...	206	C14H22O	114933-28-7	50
5		Hexestrol	270	C18H22O2	005635-50-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

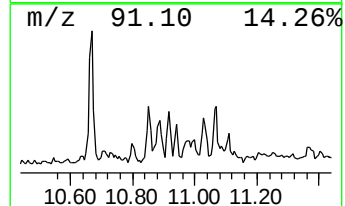
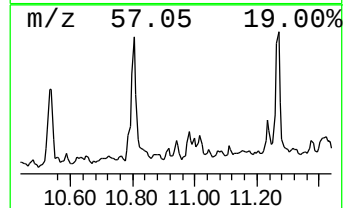
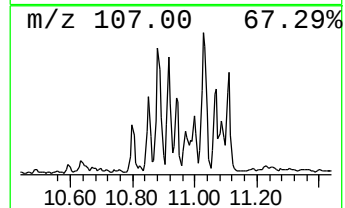
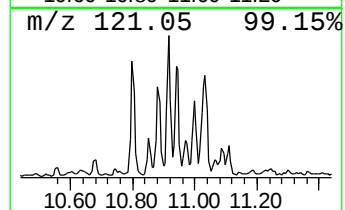
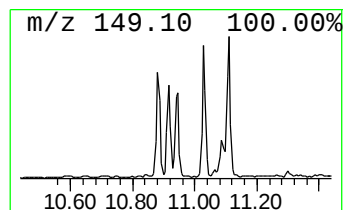
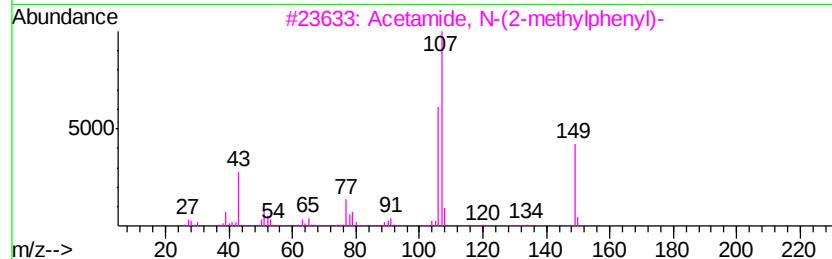
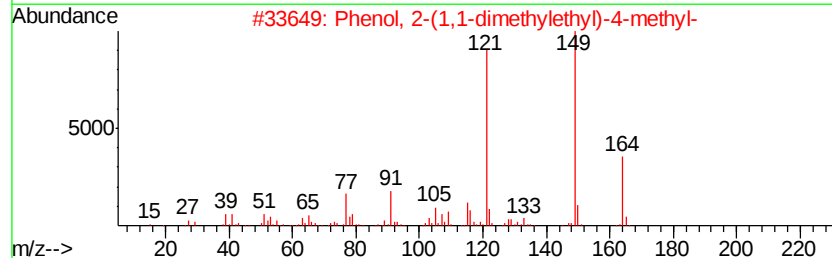
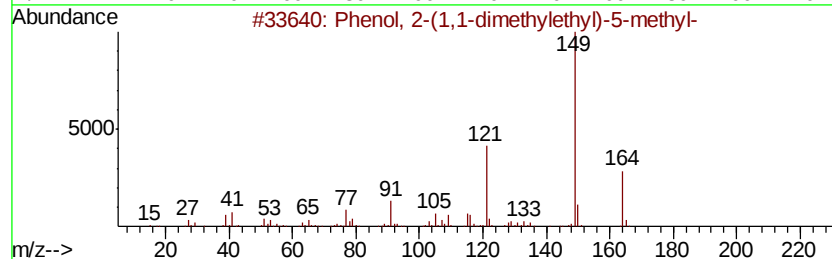
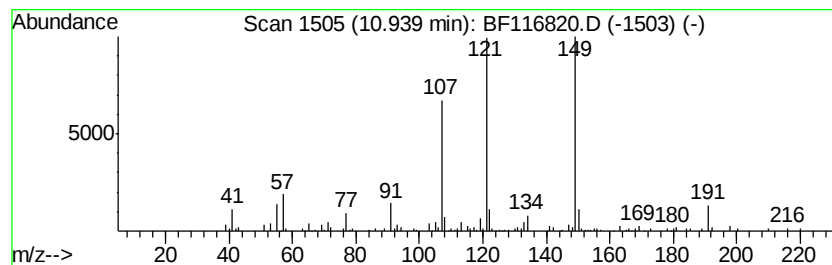
Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 2-(1,1-dimethylethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.94	5.77 ng	145783	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-5-methyl-	164	C11H16O	000088-60-8	59
2	Phenol, 2-(1,1-dimethylethyl)-4-methyl-	164	C11H16O	002409-55-4	59
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	43
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	Phthalic acid, non-5-yn-3-yl pro...	330	C20H26O4	1000315-18-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
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Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-02

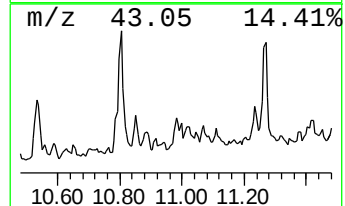
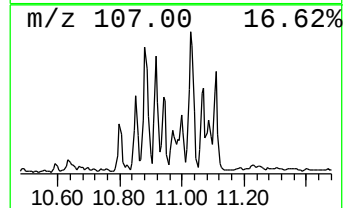
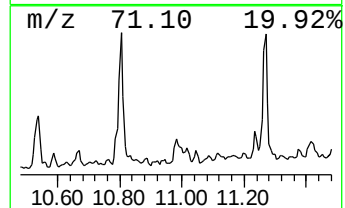
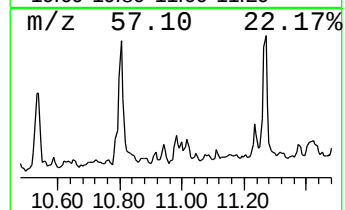
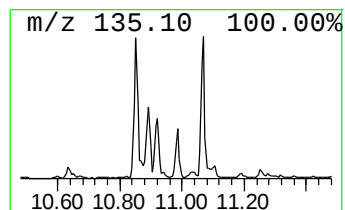
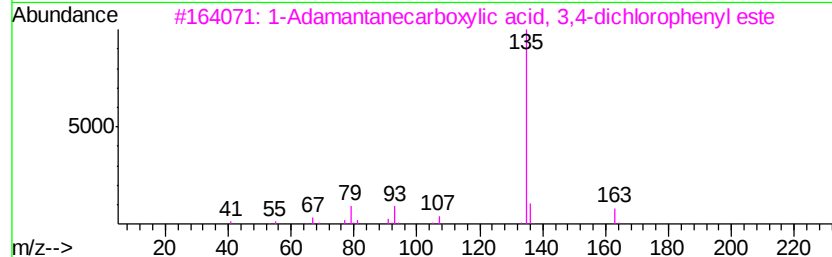
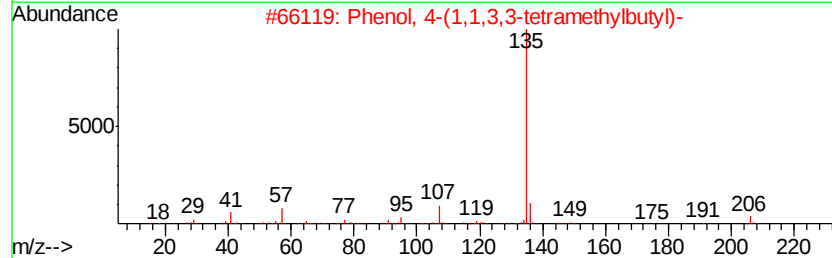
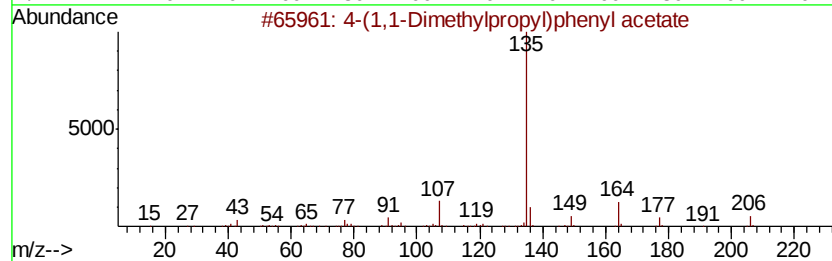
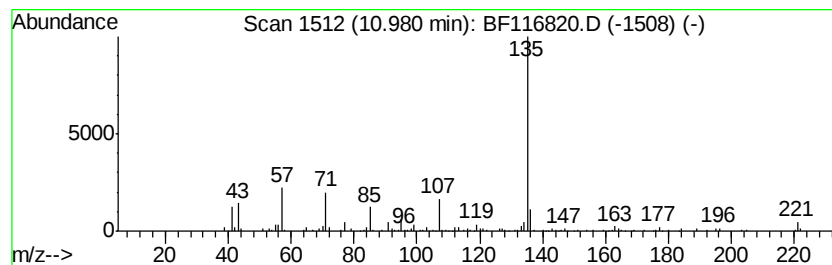
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	7.66 ng	193428	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	53
2			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	53
3			1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	50
4			1-Adamantanecarboxylic acid, iso...	222	C14H22O2	024556-16-9	50
5			1,2-Benzenediol, o-(4-methoxyben...	362	C22H18O5	1000325-99-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

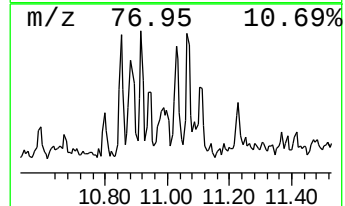
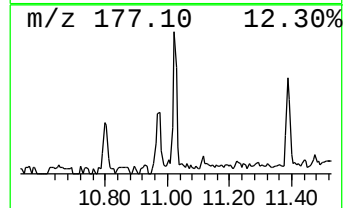
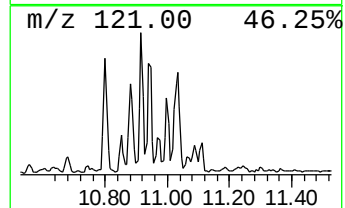
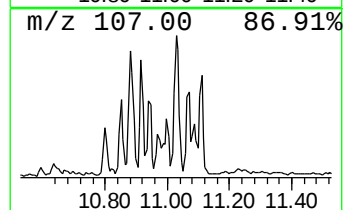
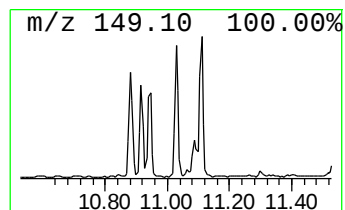
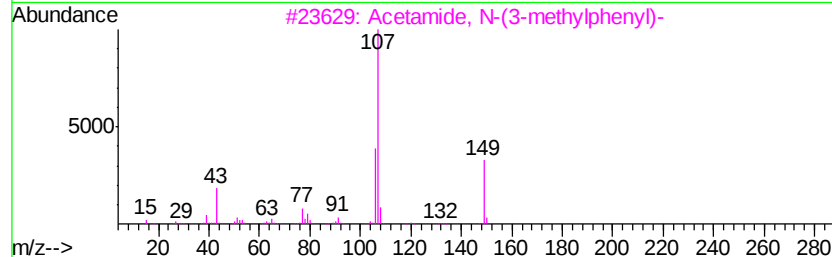
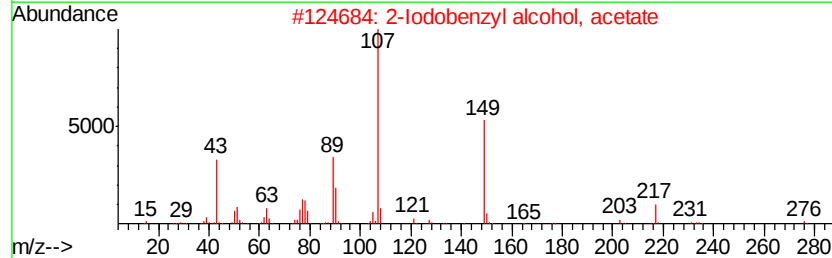
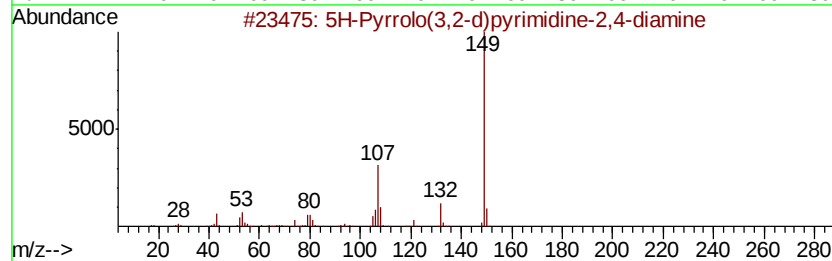
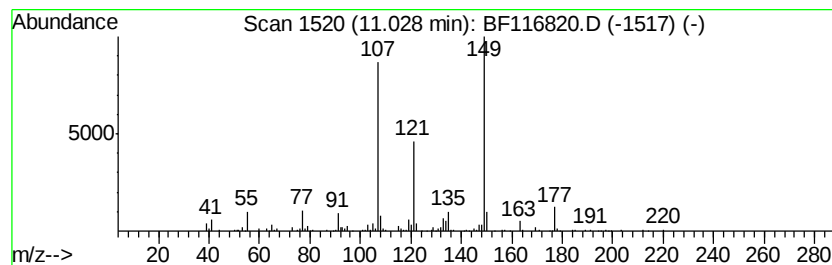
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.03	10.86 ng	274316	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	80	
2	2-Iodobenzyl alcohol, acetate	276	C9H9IO2	1000364-47-1	59	
3	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59	
4	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	45	
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
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ALS Vial : 17 Sample Multiplier: 1

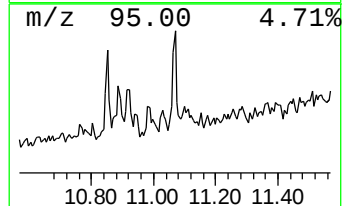
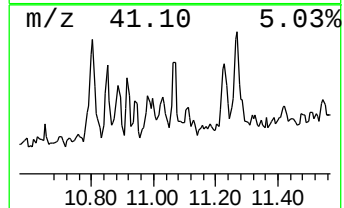
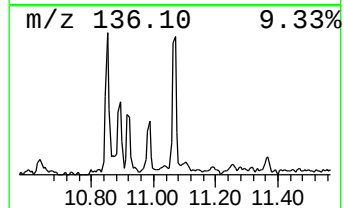
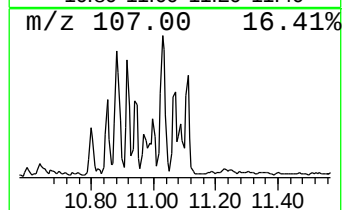
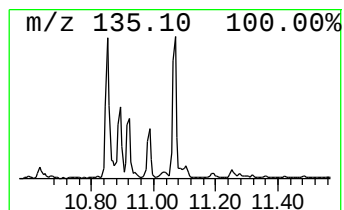
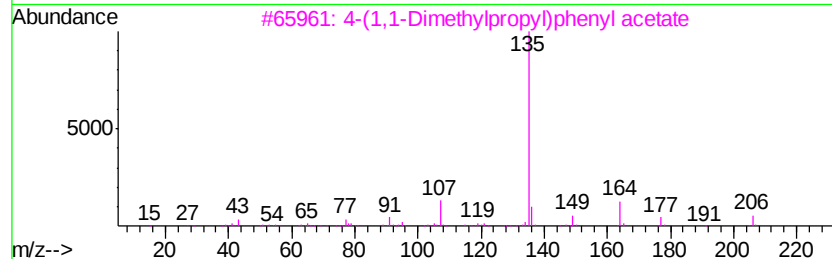
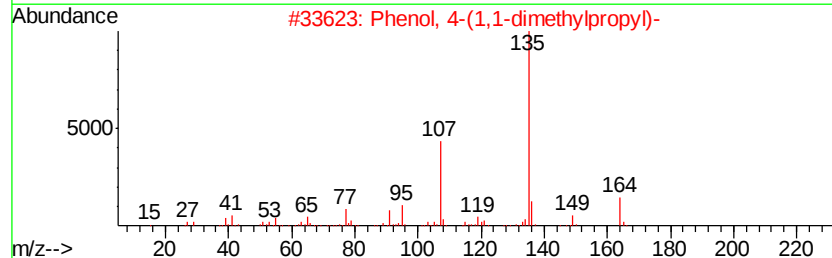
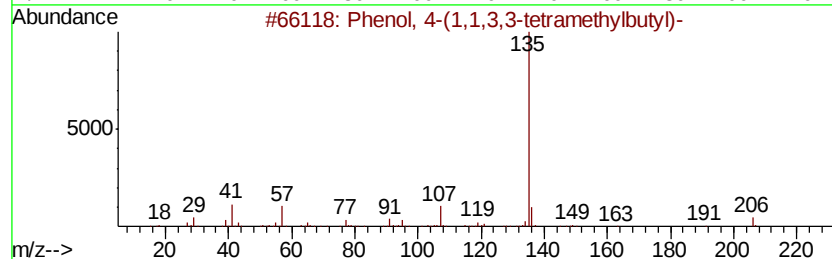
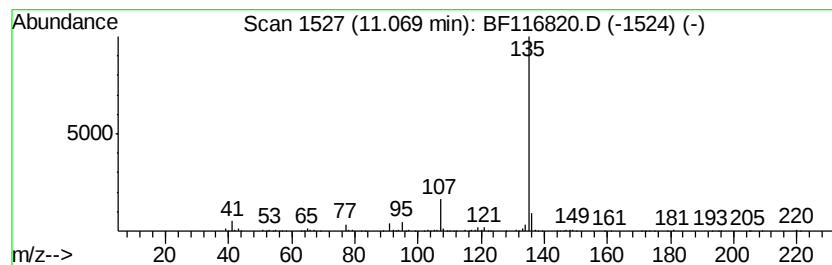
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.07	10.28 ng	259543	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol,	4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol,	4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	4-(1,1-Dimethylpropyl)phenyl ace...		206	C13H18O2	1000373-45-3	64
4	4-tert-Butylphenyl acetate		192	C12H16O2	003056-64-2	64
5	Phenol,	m-tert-butyl-	150	C10H14O	000585-34-2	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-02

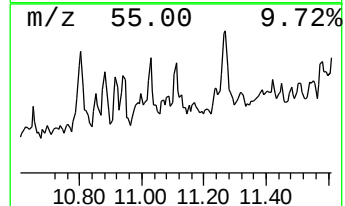
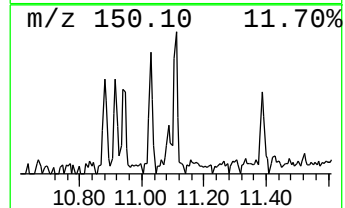
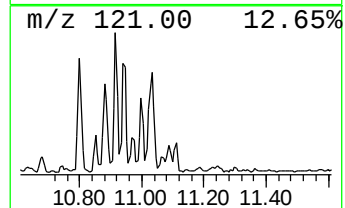
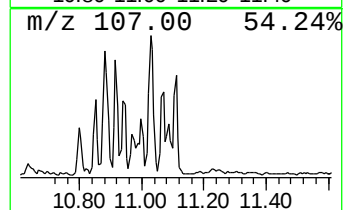
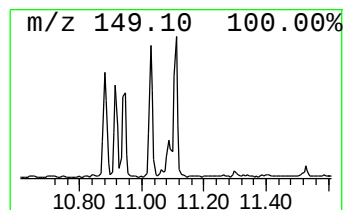
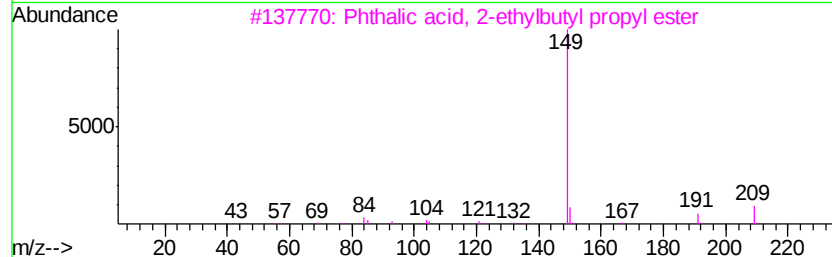
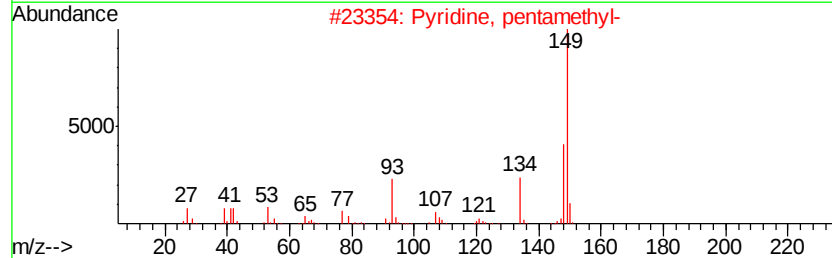
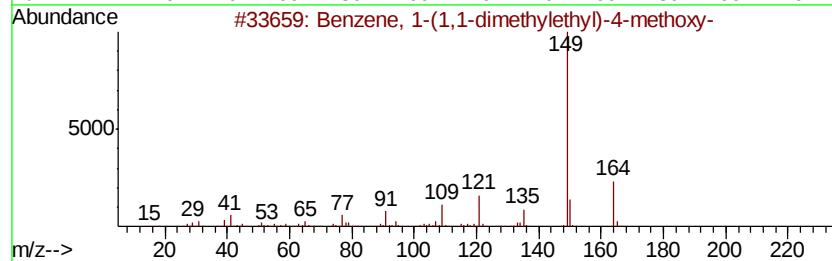
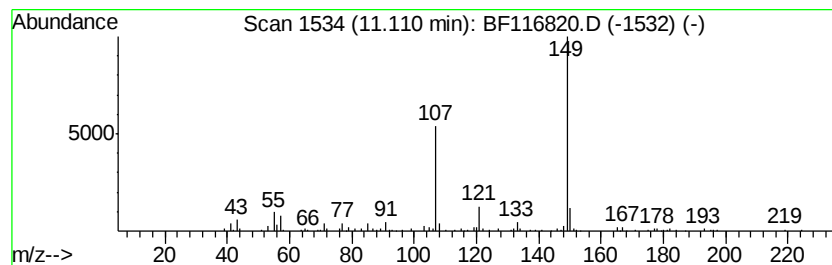
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-(1,1-dimethyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.71 ng	144259	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	50
2		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	47
3		Phthalic acid, 2-ethylbutyl prop...	292	C17H24O4	1000356-88-8	47
4		Phthalic acid, butyl 4-isopropyl...	340	C21H24O4	1000315-22-1	47
5		Phthalic acid, propyl octadecyl ...	460	C29H48O4	1000308-96-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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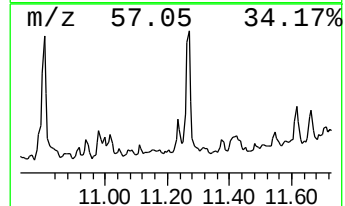
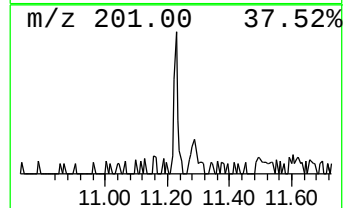
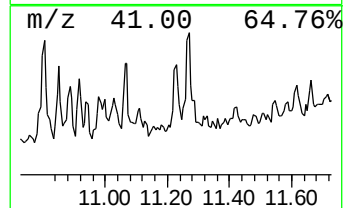
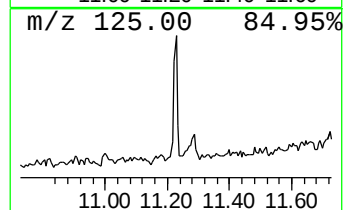
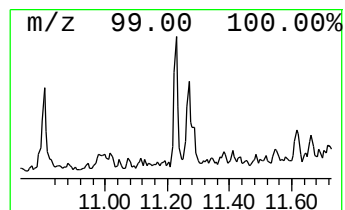
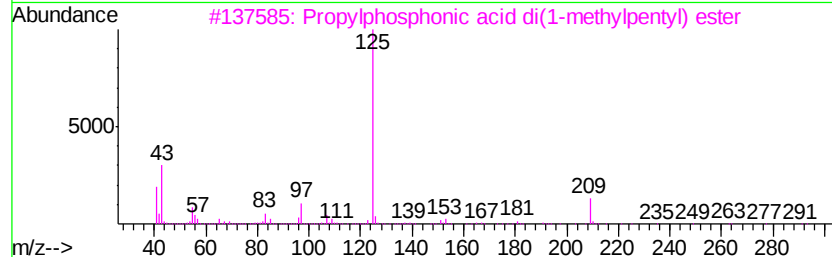
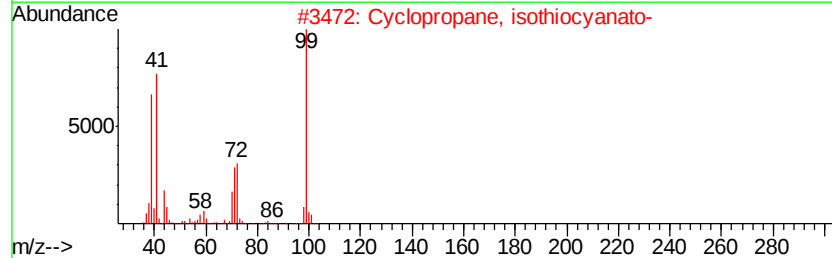
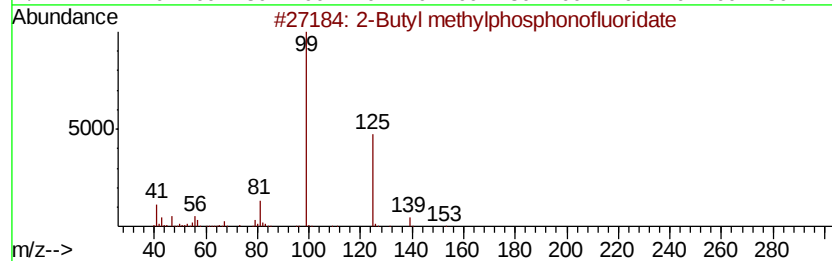
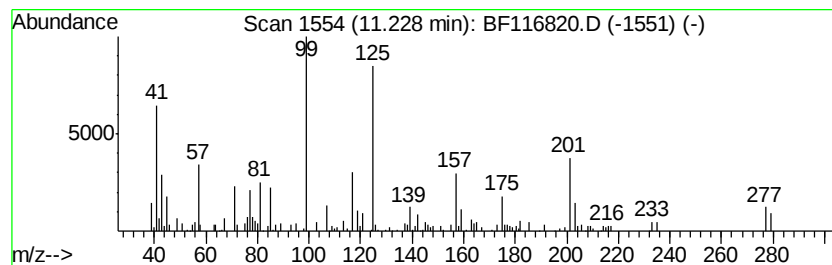
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.93 ng	124539	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3	38
2			Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	14
3			Propylphosphonic acid di(1-methyl...	292	C15H33O3P	149127-55-9	14
4			Isopropylphosphonic acid, dihexyl...	292	C15H33O3P	148456-62-6	14
5			3-Cyclopentylpropionic acid, 4-h...	366	C24H46O2	1000292-27-3	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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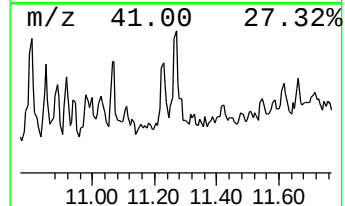
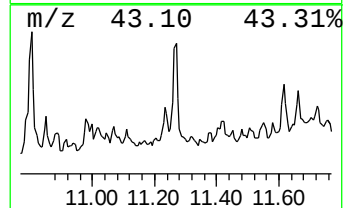
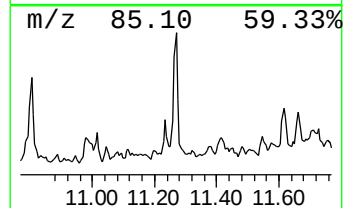
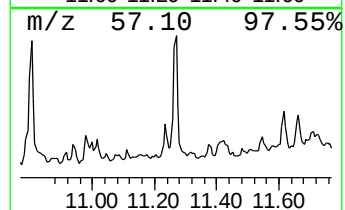
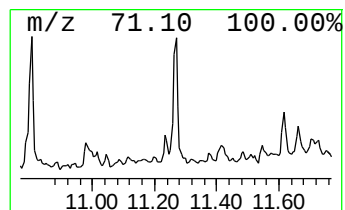
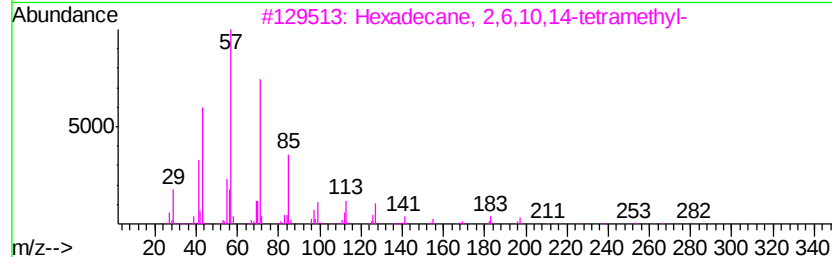
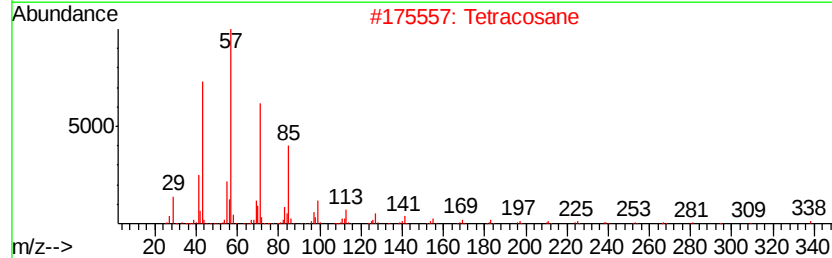
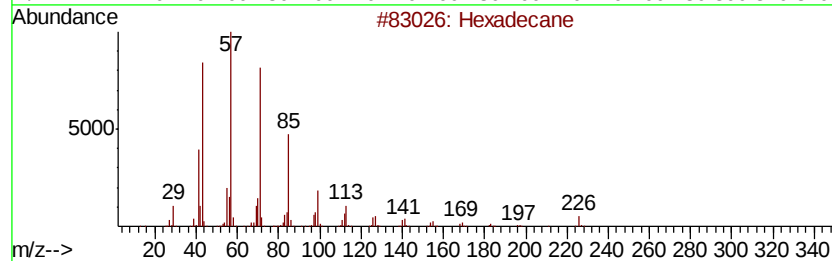
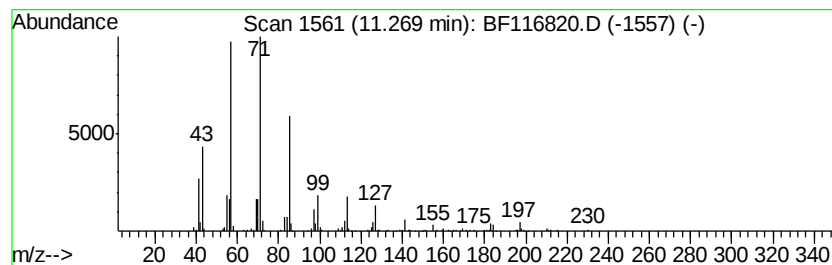
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 15 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	11.07 ng	279569	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Tetracosane	338	C24H50	000646-31-1	80
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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Misc :
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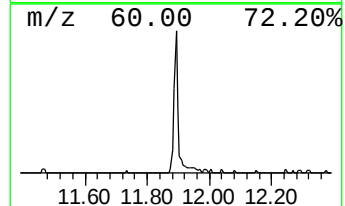
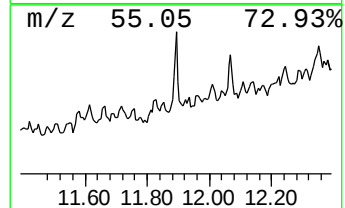
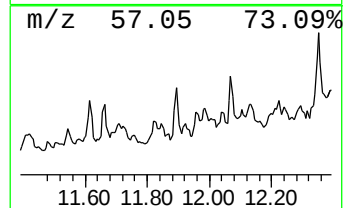
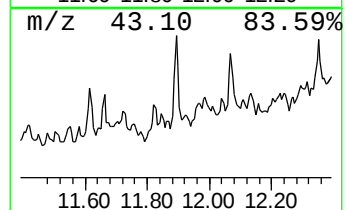
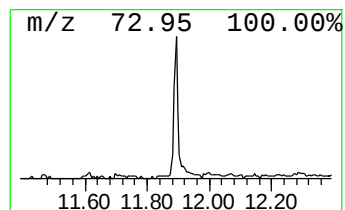
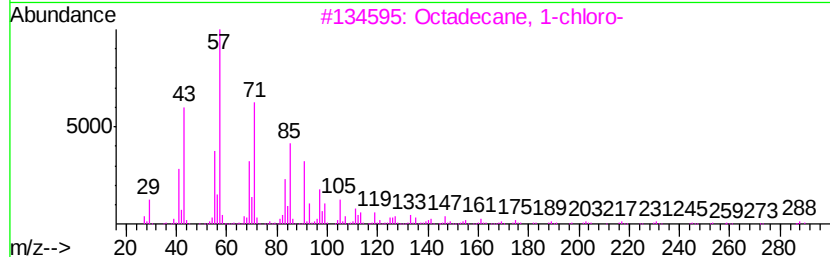
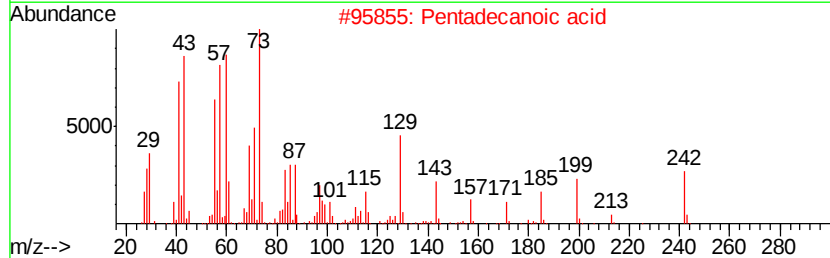
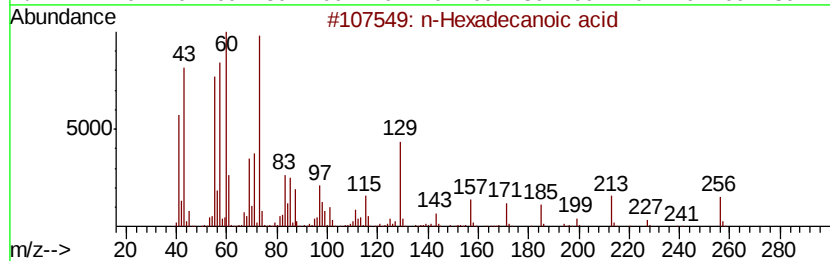
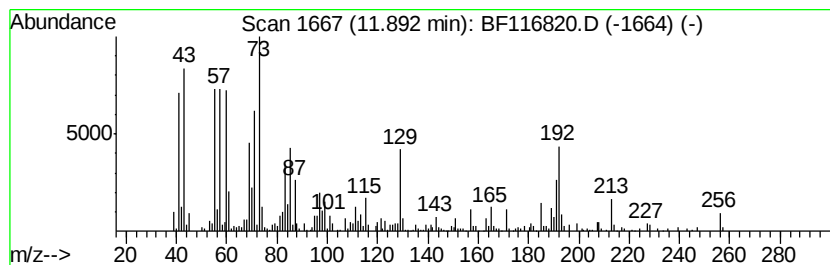
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	10.55 ng	266472	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	18
4			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	18
5			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
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Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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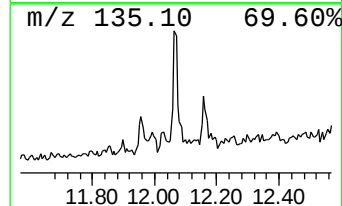
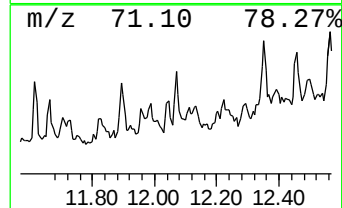
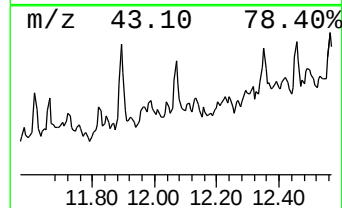
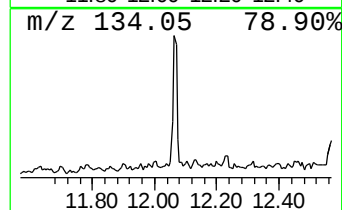
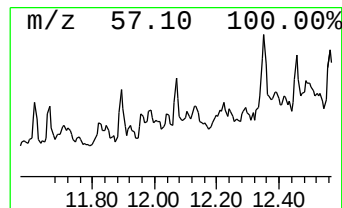
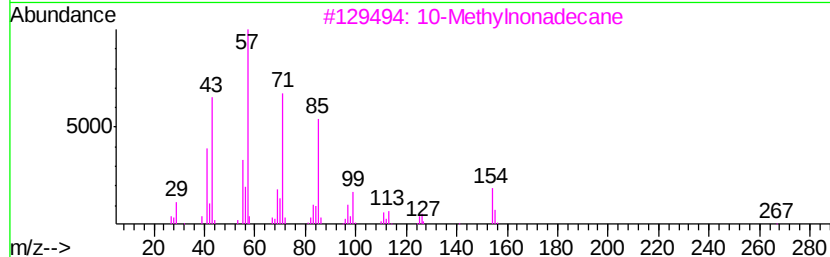
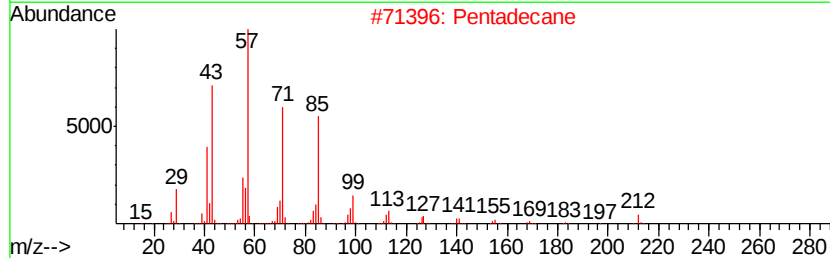
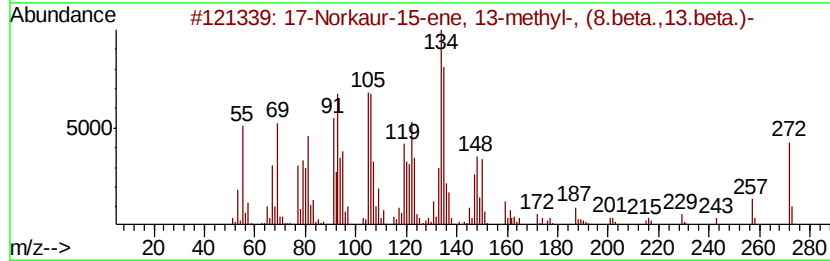
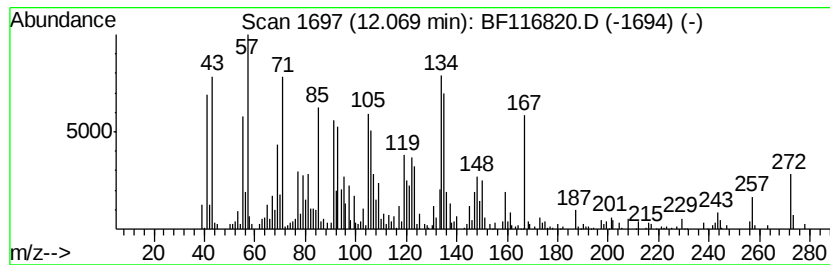
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 17-Norkaur-15-ene, 13-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	11.77 ng	297235	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Norkaur-15-ene, 13-methyl-, (...)	272	C20H32	003564-54-3	97
2		Pentadecane	212	C15H32	000629-62-9	20
3		10-Methylnonadecane	282	C20H42	056862-62-5	20
4		Tetradecane	198	C14H30	000629-59-4	18
5		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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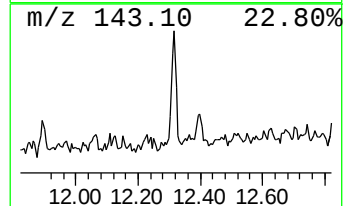
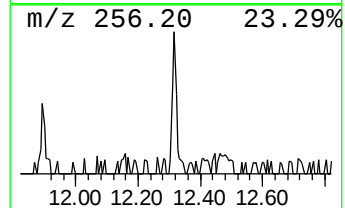
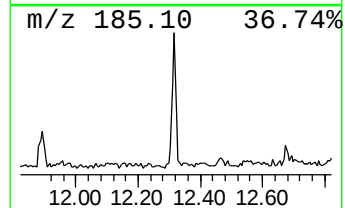
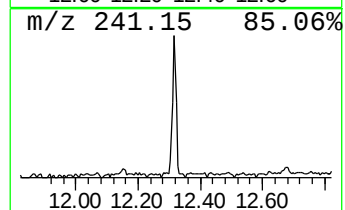
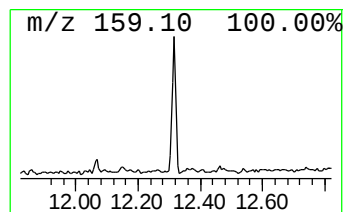
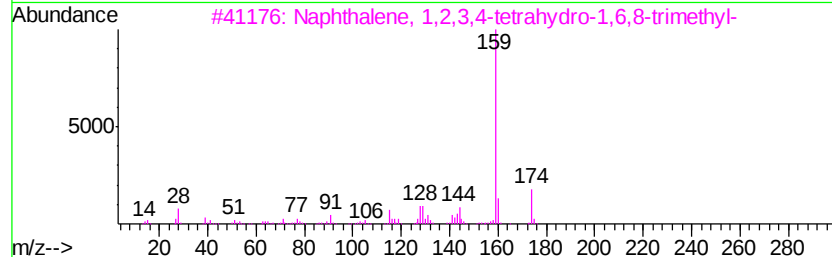
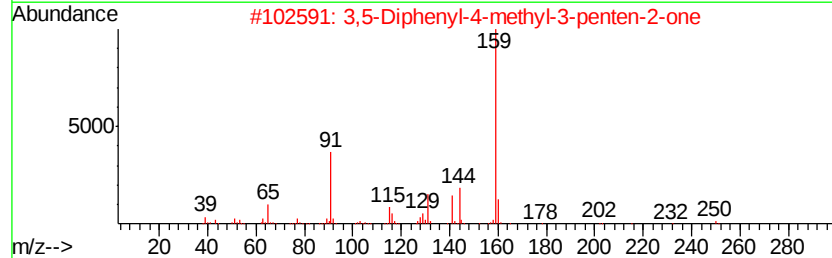
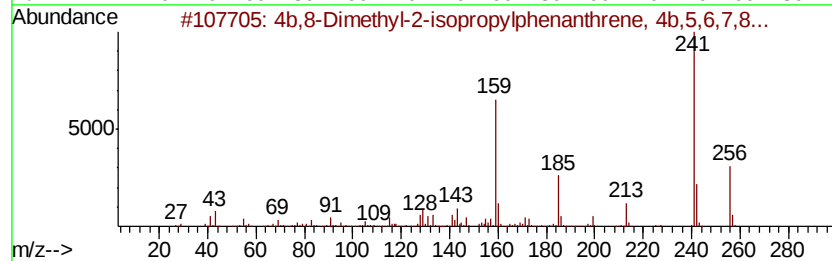
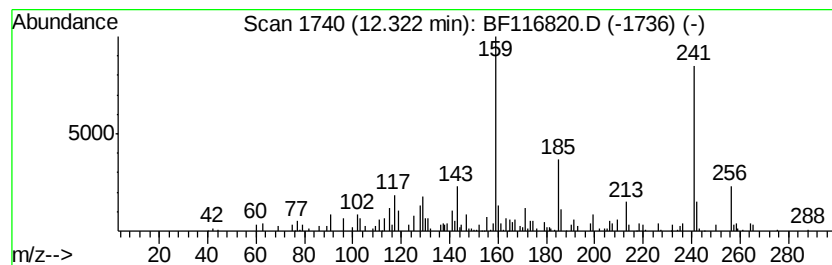
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4b,8-Dimethyl-2-isopropylph... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	4.68 ng	118234	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
2	3,5-Diphenyl-4-methyl-3-penten-2...	250	C18H18O	081826-04-2	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	30
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	27
5	4-Methoxycinnamonitrile,c&t	159	C10H9NO	028446-68-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
DW-02

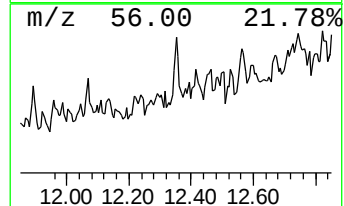
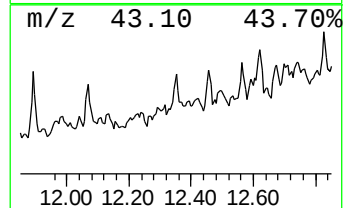
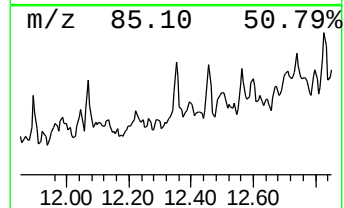
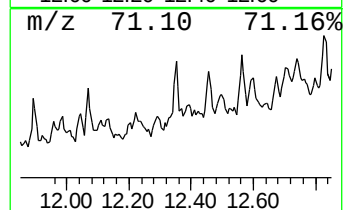
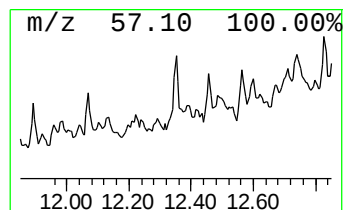
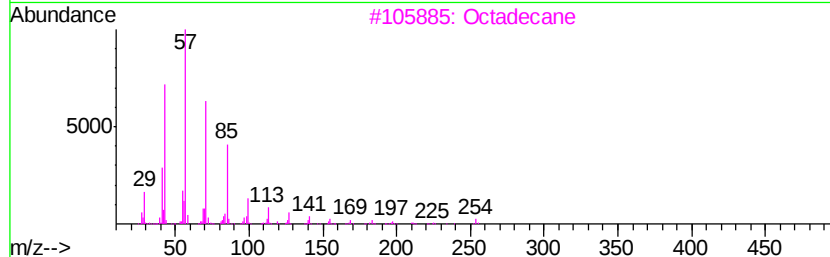
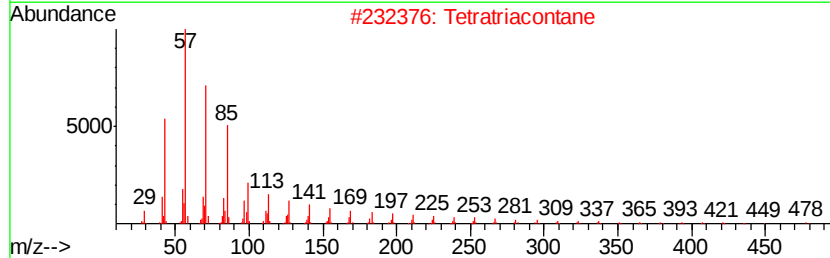
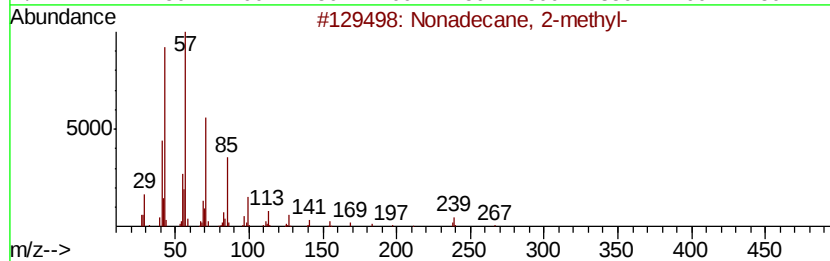
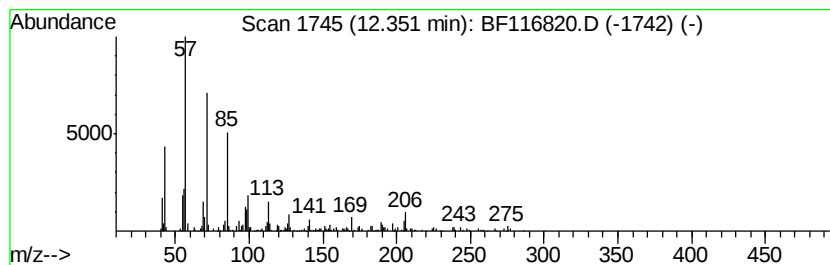
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.00 ng	151595	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
2			Tetratriacontane	479	C34H70	014167-59-0	64
3			Octadecane	254	C18H38	000593-45-3	64
4			Hexadecane	226	C16H34	000544-76-3	59
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116820.D
Acq On : 4 Sep 2019 17:21
Operator : HP/JU
Sample : K4639-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-02

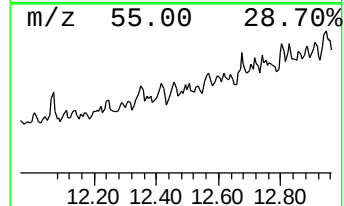
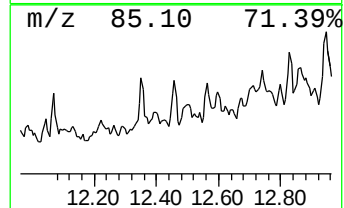
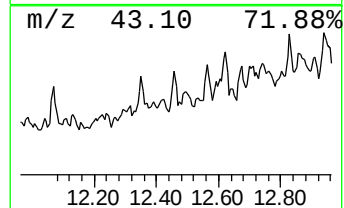
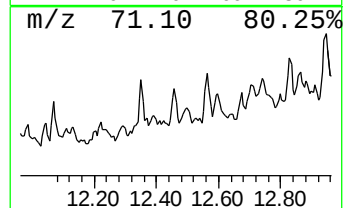
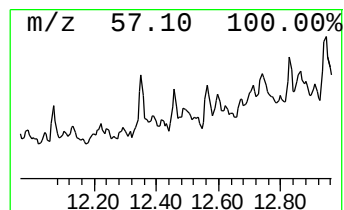
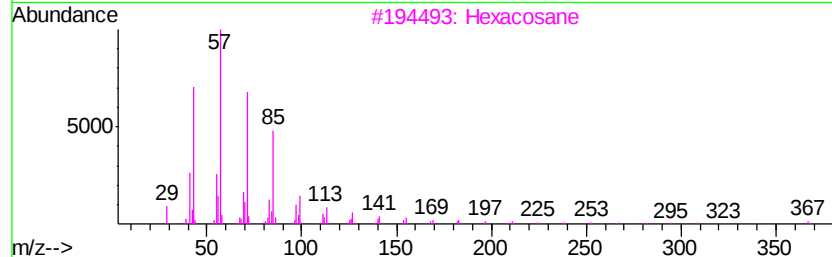
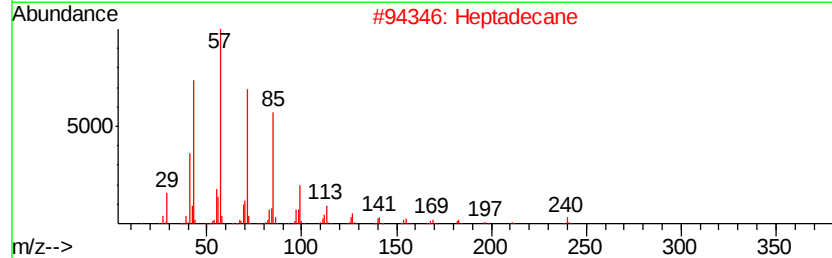
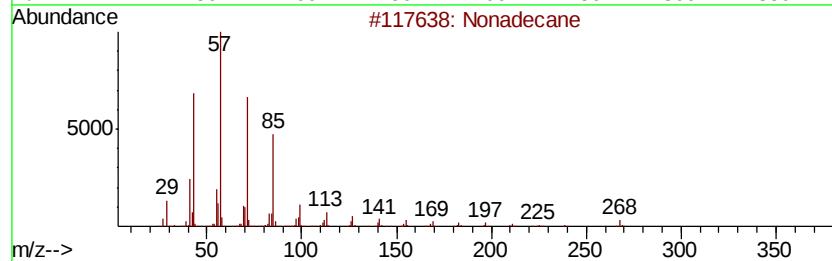
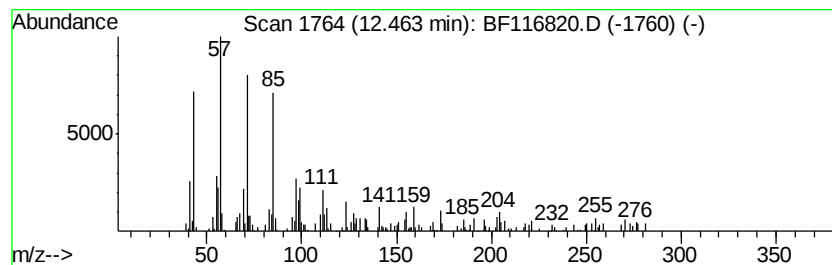
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.96 ng	125232	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heptadecane	240	C17H36	000629-78-7	87
3		Hexacosane	366	C26H54	000630-01-3	86
4		Heneicosane	296	C21H44	000629-94-7	83
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
 Data File : BF116820.D
 Acq On : 4 Sep 2019 17:21
 Operator : HP/JU
 Sample : K4639-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
Cyclohexane, 1-me...	6.56	9.0 ng		159792	1	6.85	356229	20.0
unknown6.62	6.62	76.9 ng		1370360	1	6.85	356229	20.0
Pentadecane, 2,6,...	10.54	7.1 ng		205592	3	9.88	579731	20.0
Tridecane, 4-methyl-	10.80	13.9 ng		349738	4	11.36	505183	20.0
Carbamic acid, N-...	10.85	9.7 ng		245042	4	11.36	505183	20.0
Phenol, 2-(1,1-di...	10.89	11.4 ng		287097	4	11.36	505183	20.0
Phenol, m-tert-bu...	10.92	9.0 ng		227031	4	11.36	505183	20.0
Phenol, 2-(1,1-di...	10.94	5.8 ng		145783	4	11.36	505183	20.0
4-(1,1-Dimethylpr...	10.98	7.7 ng		193428	4	11.36	505183	20.0
5H-Pyrrolo(3,2-d)...	11.03	10.9 ng		274316	4	11.36	505183	20.0
Phenol, 4-(1,1,3,...	11.07	10.3 ng		259543	4	11.36	505183	20.0
Benzene, 1-(1,1-d...	11.11	5.7 ng		144259	4	11.36	505183	20.0
unknown11.23	11.23	4.9 ng		124539	4	11.36	505183	20.0
Hexadecane	11.27	11.1 ng		279569	4	11.36	505183	20.0
n-Hexadecanoic acid	11.89	10.6 ng		266472	4	11.36	505183	20.0
17-Norkaur-15-ene...	12.07	11.8 ng		297235	4	11.36	505183	20.0
4b,8-Dimethyl-2-i...	12.32	4.7 ng		118234	4	11.36	505183	20.0
Nonadecane, 2-met...	12.35	6.0 ng		151595	4	11.36	505183	20.0
Nonadecane	12.46	5.0 ng		125232	4	11.36	505183	20.0