

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115873.D
 Acq On : 31 Jul 2019 18:32
 Operator : HP/JU
 Sample : K4049-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

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-BF073019.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	2.481	56	67	75	rVB2	48679	90229	2.74%	0.246%
2	5.475	571	576	579	rBV	3023939	2964971	90.19%	8.076%
3	6.310	710	718	728	rBV2	107647	186224	5.66%	0.507%
4	6.487	743	748	760	rBV	2966913	3184057	96.85%	8.673%
5	6.622	767	771	774	rBV	3511080	3203181	97.44%	8.725%
6	6.851	806	810	818	rBV	1080684	878183	26.71%	2.392%
7	7.010	833	837	840	rBV	2833450	2549001	77.54%	6.943%
8	7.410	900	905	908	rBV	2174458	2048346	62.31%	5.579%
9	8.134	1024	1028	1030	rBV	1188956	1111427	33.81%	3.027%
10	8.151	1030	1031	1036	rVB	304164	184319	5.61%	0.502%
11	8.487	1084	1088	1097	rBV2	128184	157153	4.78%	0.428%
12	8.845	1144	1149	1155	rVB	126400	108067	3.29%	0.294%
13	8.945	1163	1166	1169	rBV	121497	94043	2.86%	0.256%
14	9.210	1207	1211	1214	rBV	3816323	3287460	100.00%	8.955%
15	9.422	1242	1247	1252	rBV3	38038	59207	1.80%	0.161%
16	9.481	1252	1257	1260	rBV2	66337	104801	3.19%	0.285%
17	9.551	1266	1269	1271	rBV	125256	129253	3.93%	0.352%
18	9.604	1275	1278	1284	rVV	718558	629953	19.16%	1.716%
19	9.751	1299	1303	1307	rBV	448254	401874	12.22%	1.095%
20	9.892	1320	1327	1330	rBV	1329698	1237070	37.63%	3.370%
21	9.922	1330	1332	1336	rVV	199569	185275	5.64%	0.505%
22	10.092	1358	1361	1366	rVB	286549	278260	8.46%	0.758%
23	10.204	1378	1380	1383	rBV3	51008	57059	1.74%	0.155%
24	10.298	1394	1396	1402	rVB5	78370	91448	2.78%	0.249%
25	10.351	1402	1405	1409	rBV3	89512	124322	3.78%	0.339%
26	10.439	1417	1420	1423	rBV2	222927	218463	6.65%	0.595%
27	10.598	1444	1447	1450	rBV	136761	140595	4.28%	0.383%
28	10.681	1457	1461	1466	rBV	1943410	1934818	58.85%	5.270%
29	11.186	1544	1547	1550	rBV	239312	262317	7.98%	0.715%
30	11.380	1577	1580	1582	rBV	969083	941249	28.63%	2.564%
31	11.410	1582	1585	1588	rVV	2493948	2379627	72.38%	6.482%
32	11.457	1590	1593	1596	rVV	494567	398279	12.12%	1.085%
33	11.916	1668	1671	1677	rBV2	682943	1160186	35.29%	3.160%
34	12.610	1785	1789	1792	rVB	2534265	2720476	82.75%	7.410%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.839	1826	1828	1831	rVB	2071408	1961974	59.68%	5.344%
36	12.974	1849	1851	1854	rVB	1390307	1249653	38.01%	3.404%

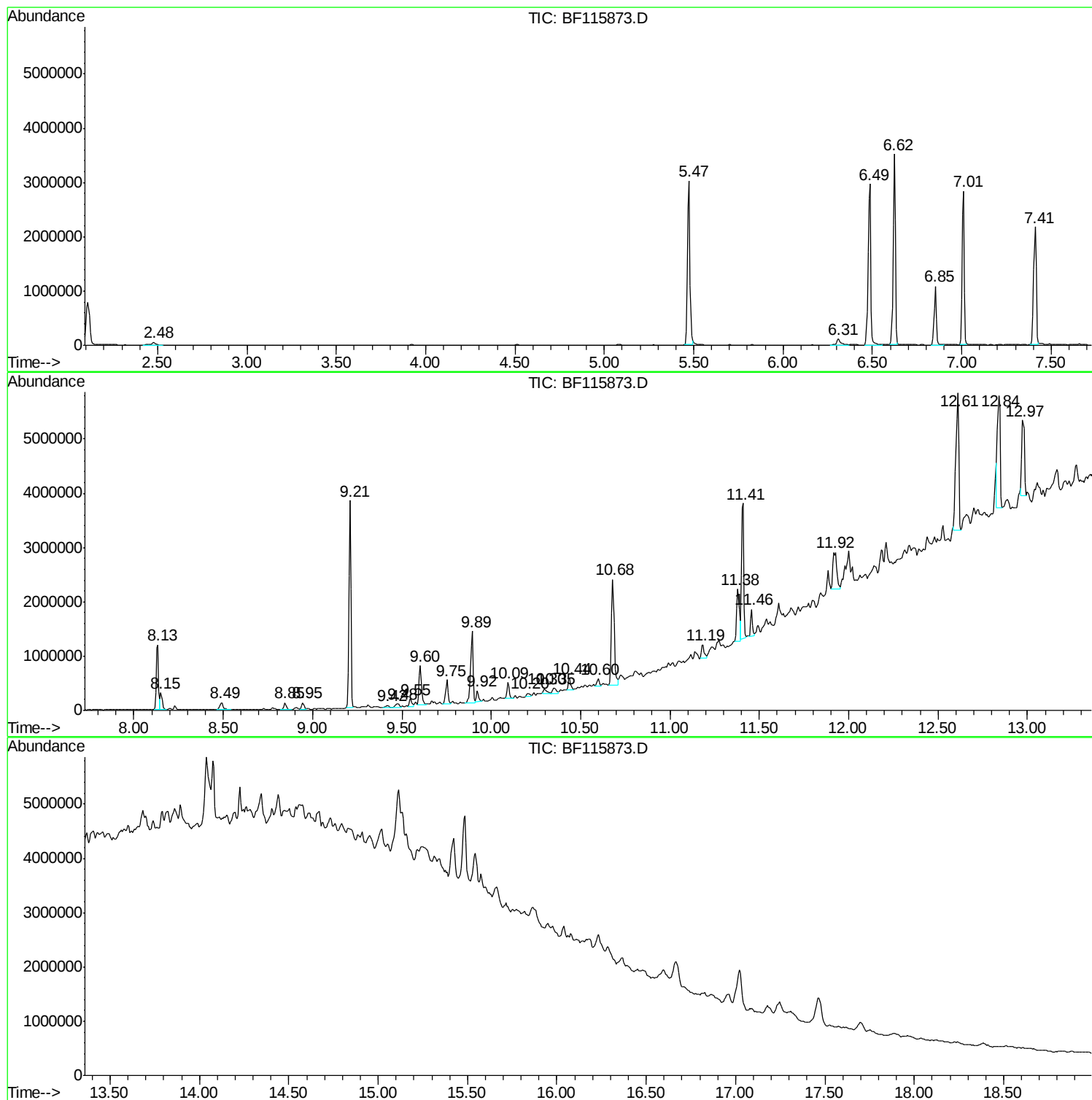
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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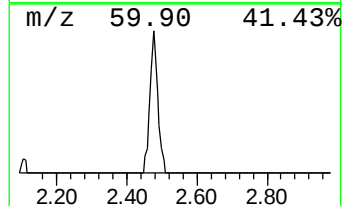
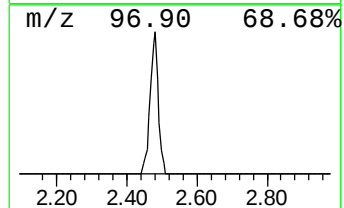
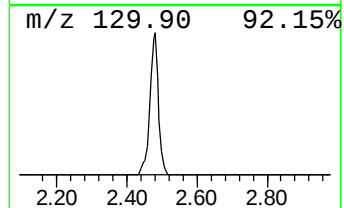
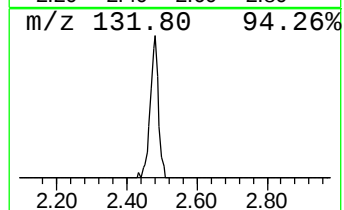
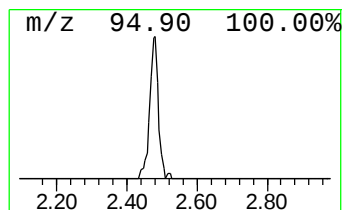
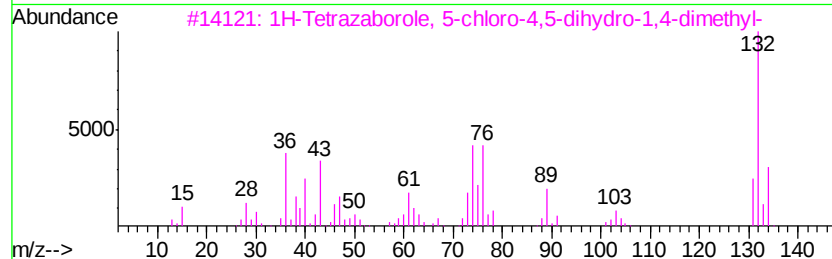
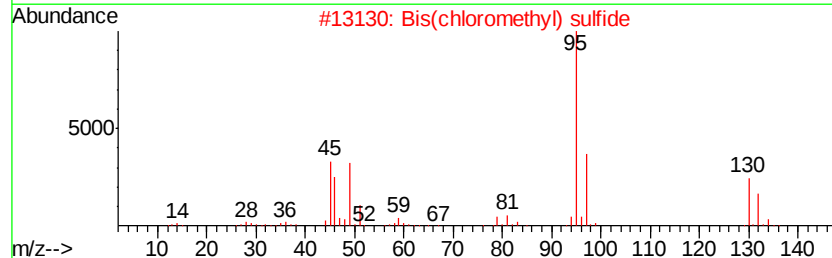
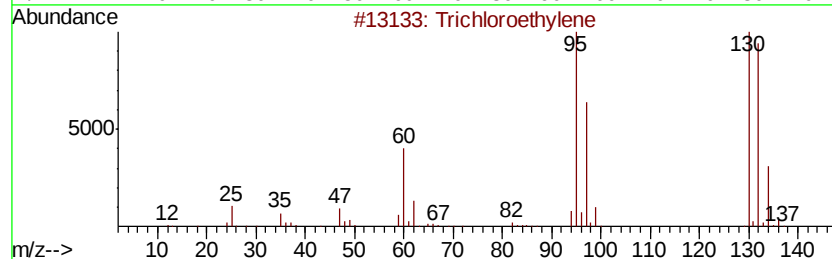
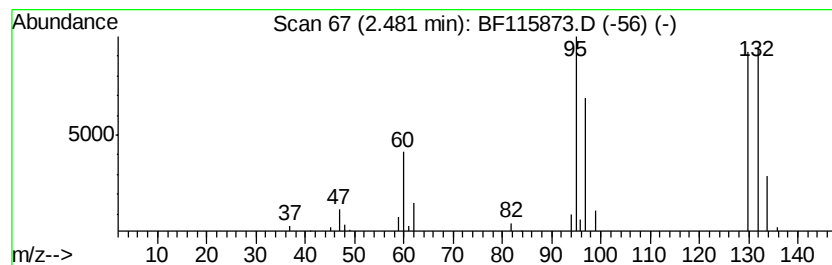
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.48 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	2.05 ng	90229	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroethylene	130	C2HCl3	000079-01-6	95
2		Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	43
3		1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	22
4		Oxirane, (trichloromethyl)-	160	C3H3Cl3O	003083-23-6	22
5		1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	14



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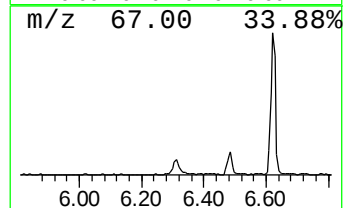
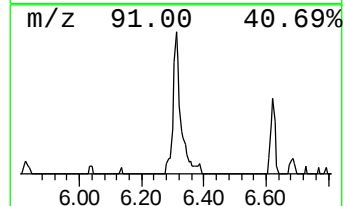
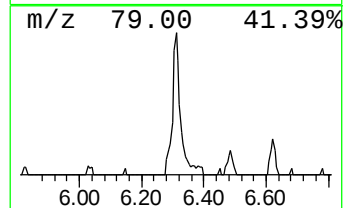
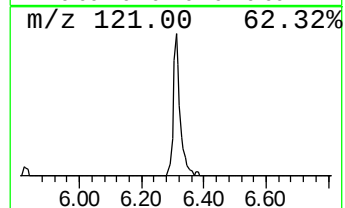
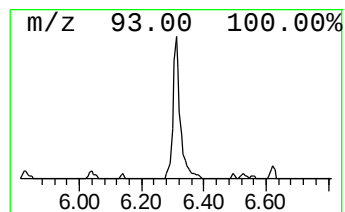
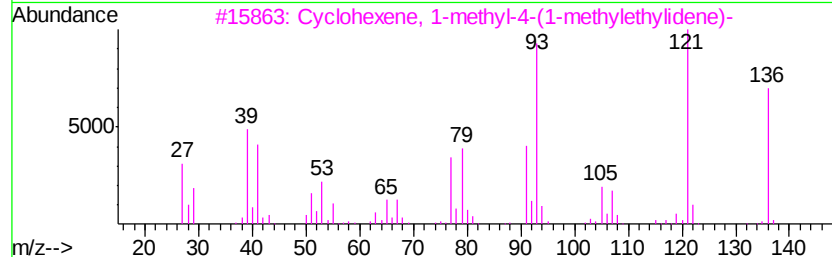
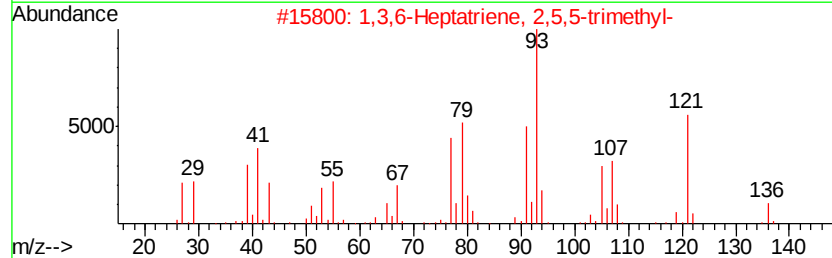
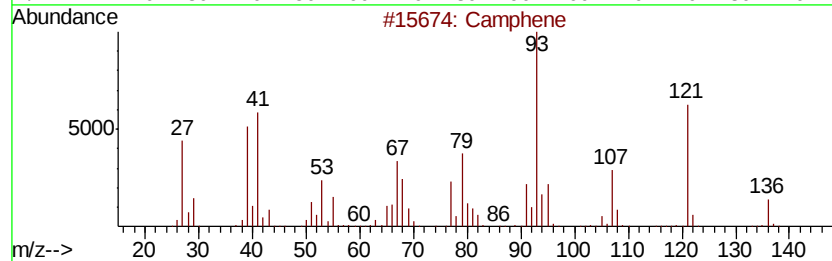
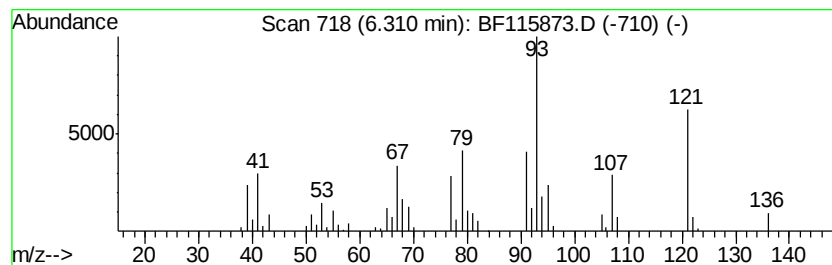
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.31	4.24 ng	186224	1,4-Dichlorobenzene-d4	6.85		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Camphene	136	C10H16	000079-92-5	95
2		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	90
3		Cvclohexene, 1-methyl-4-(1-methv...	136	C10H16	000586-62-9	72
4		Santolina triene	136	C10H16	002153-66-4	72
5		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	70



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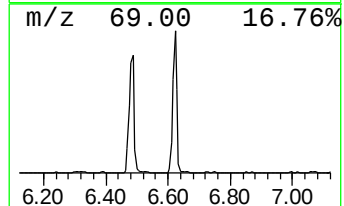
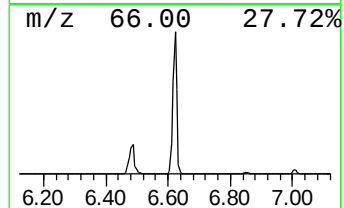
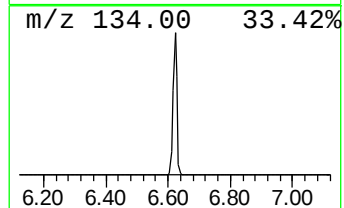
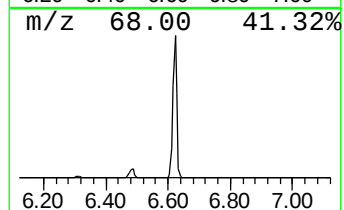
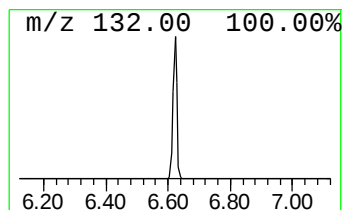
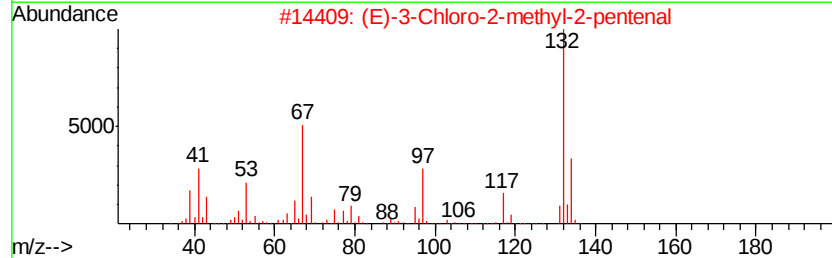
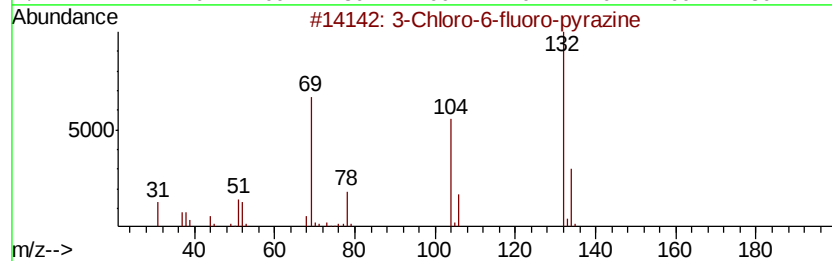
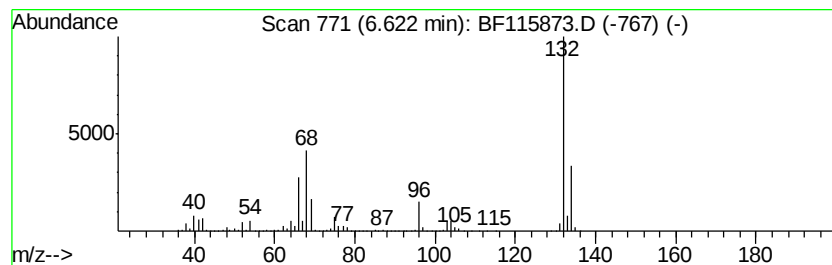
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	72.95 ng	3203180	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	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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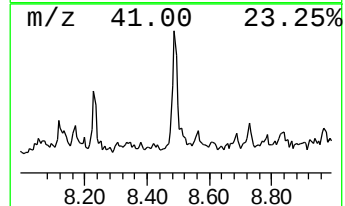
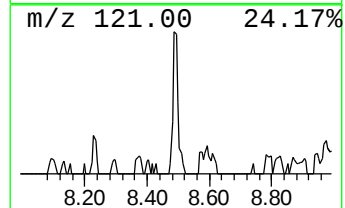
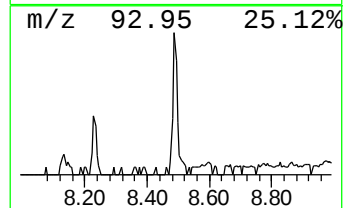
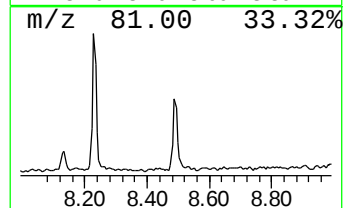
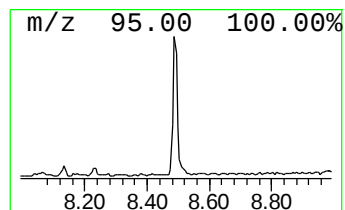
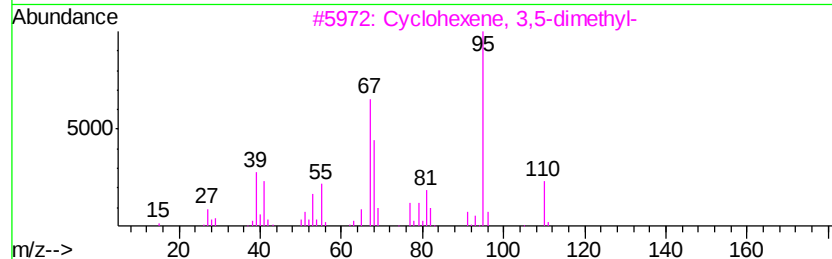
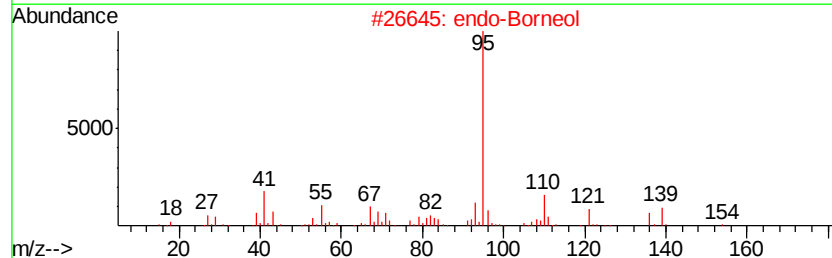
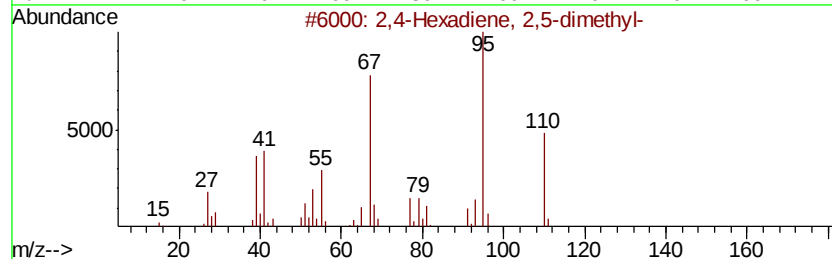
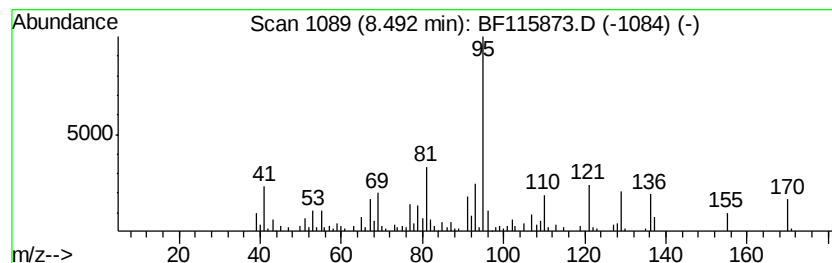
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,4-Hexadiene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	2.83 ng	157153	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	58
2		endo-Borneol	154	C10H18O	000507-70-0	53
3		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	49
4		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	47
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	47



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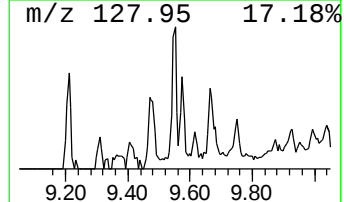
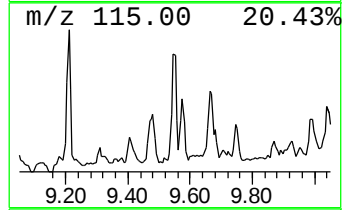
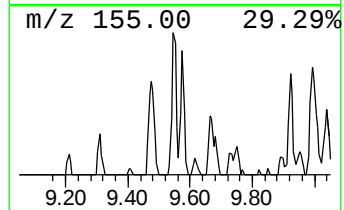
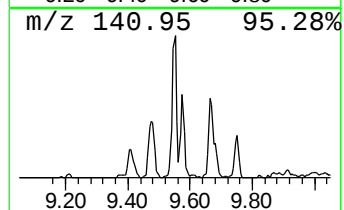
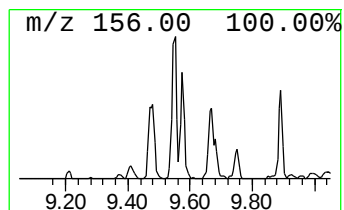
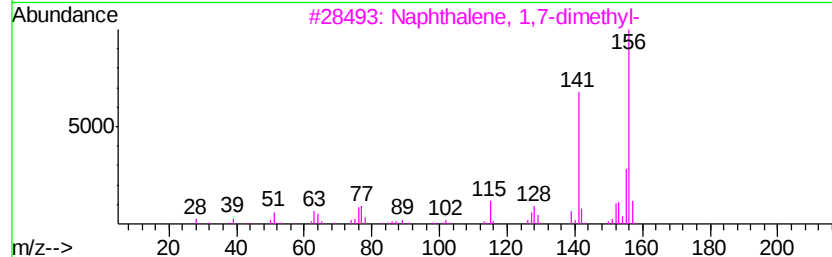
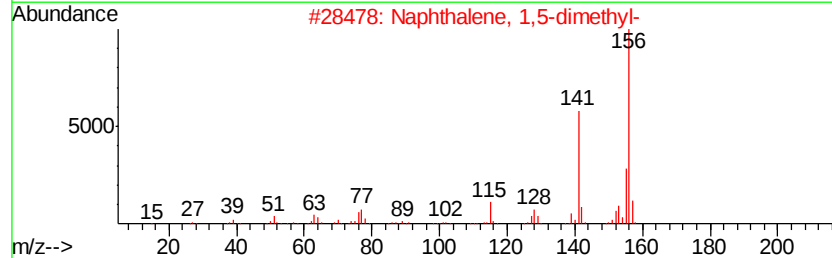
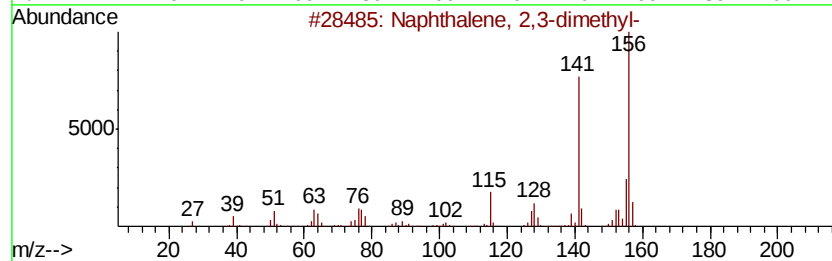
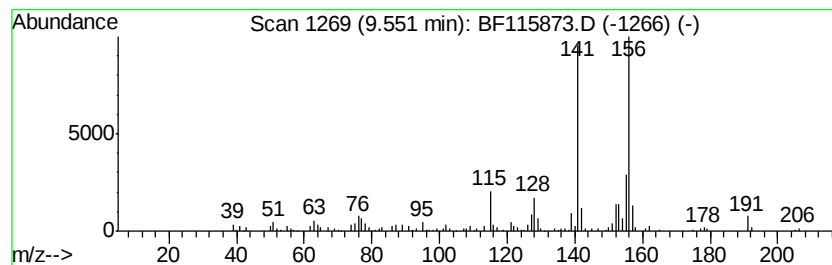
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.09 ng	129253	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115873.D
Acq On : 31 Jul 2019 18:32
Operator : HP/JU
Sample : K4049-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

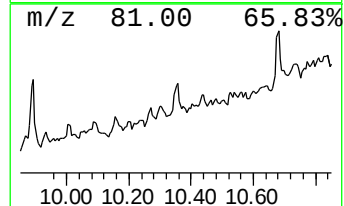
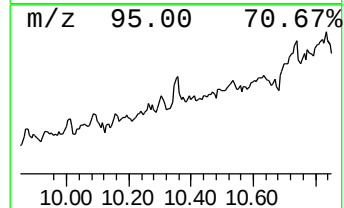
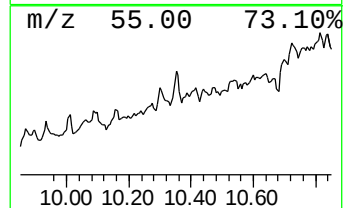
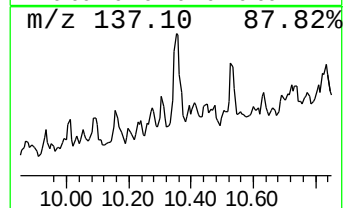
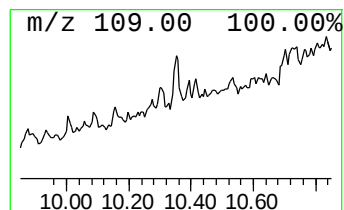
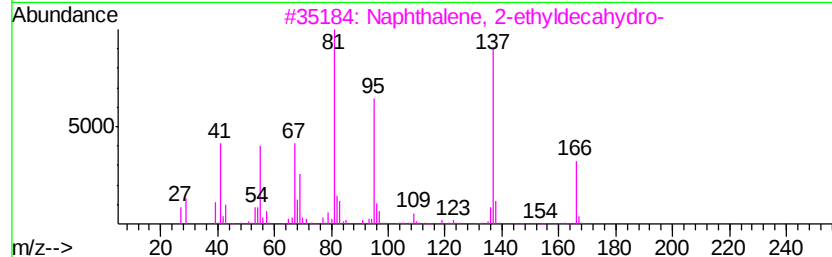
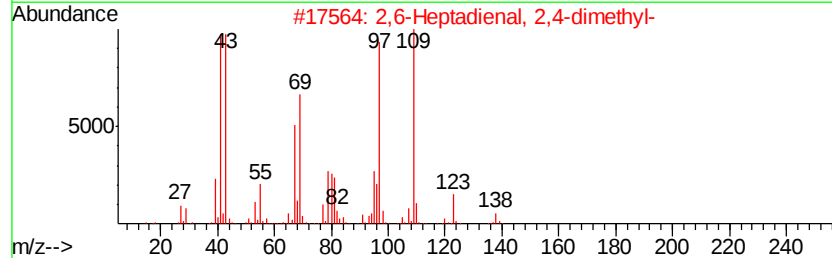
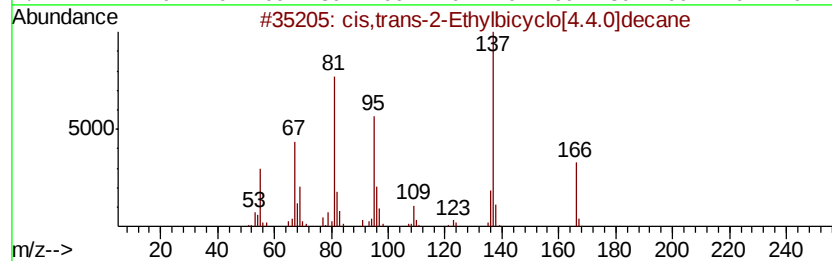
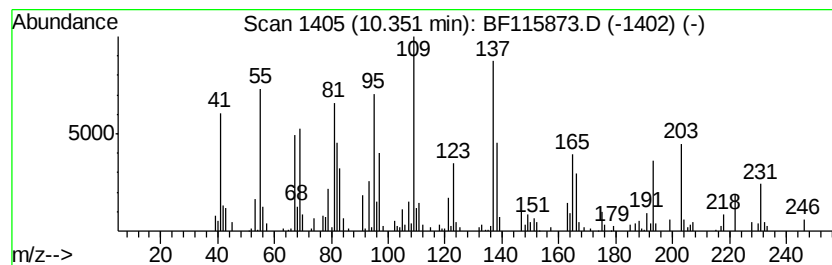
Instrument :
BNA_F
ClientSampleId :
SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.35 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.01 ng	124322	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		cis,trans-2-Ethylbicyclo[4.4.0]d...	166 C12H22	066660-38-6 30
2		2,6-Heptadienal, 2,4-dimethyl-	138 C9H14O	085136-08-9 25
3		Naphthalene, 2-ethyldecahydro-	166 C12H22	001618-23-1 25
4		cis, cis-3-Ethylbicyclo[4.4.0]de...	166 C12H22	066660-42-2 25
5		Acetic acid, 3-(5,5-dimethyl-spi...	250 C16H26O2	077143-33-0 22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115873.D
Acq On : 31 Jul 2019 18:32
Operator : HP/JU
Sample : K4049-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

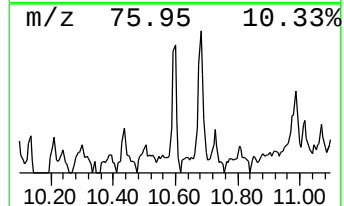
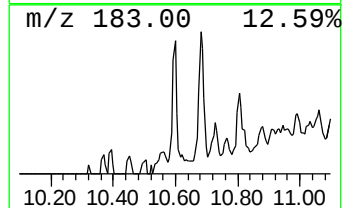
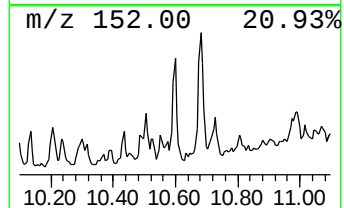
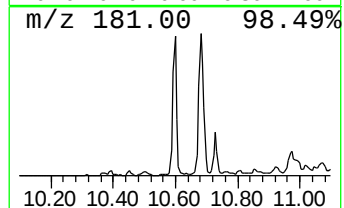
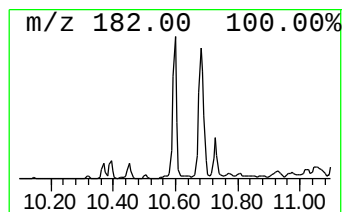
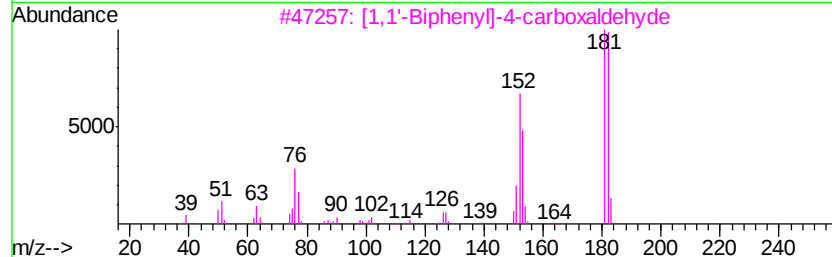
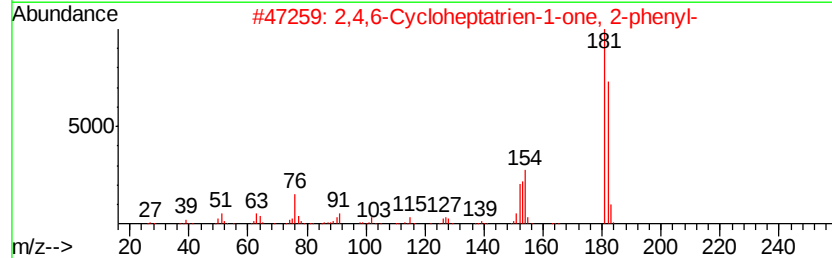
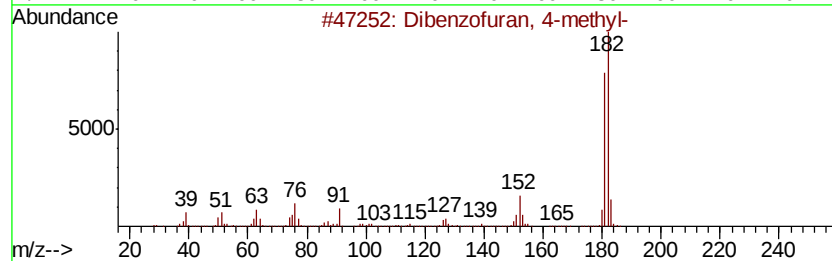
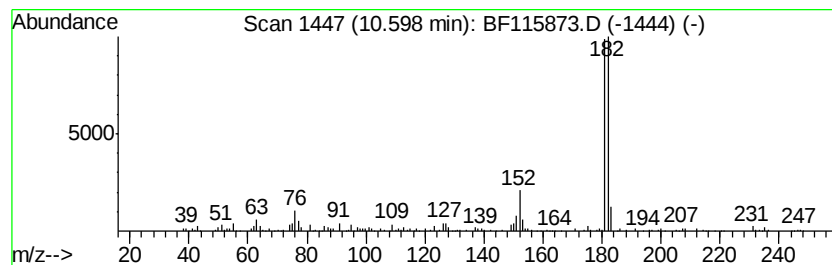
Instrument :
BNA_F
ClientSampleId :
SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.27 ng	140595	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 90
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5 80
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 78
4		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 78
5		3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115873.D
Acq On : 31 Jul 2019 18:32
Operator : HP/JU
Sample : K4049-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-8

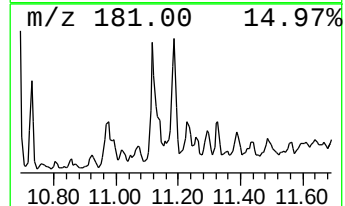
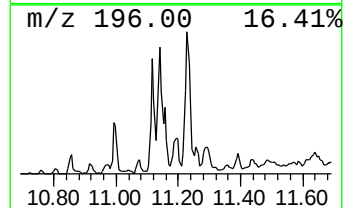
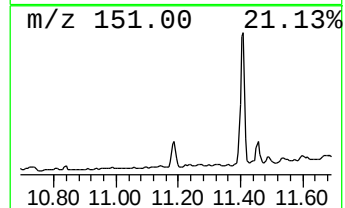
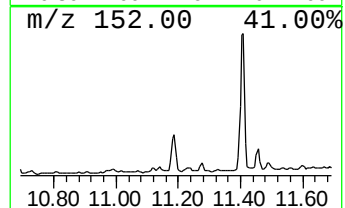
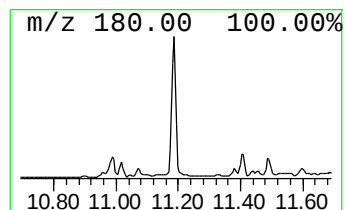
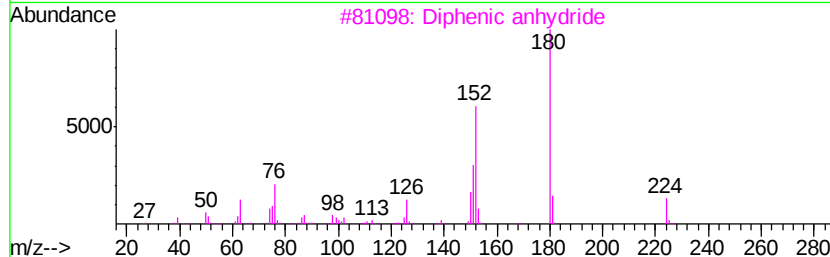
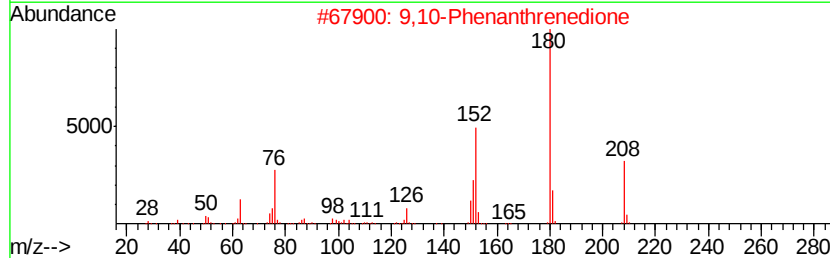
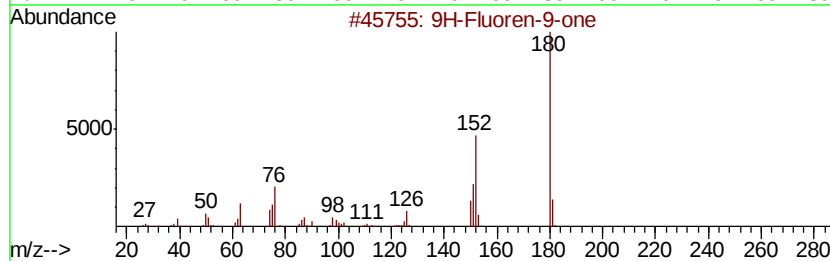
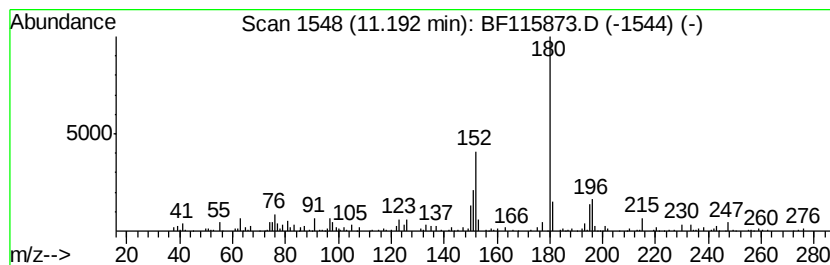
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-Fluoren-9-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.19	5.57 ng	262317	Phenanthrene-d10		11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3			Diphenic anhydride	224	C14H8O3	006050-13-1	83
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115873.D
Acq On : 31 Jul 2019 18:32
Operator : HP/JU
Sample : K4049-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-8

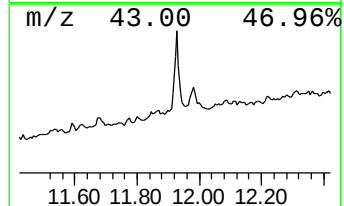
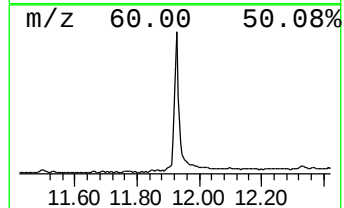
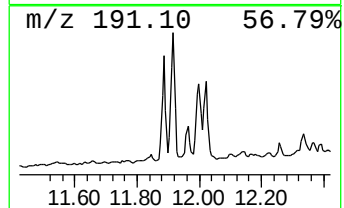
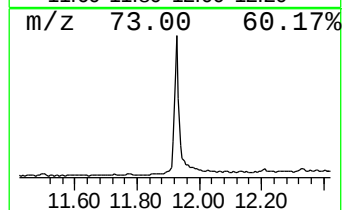
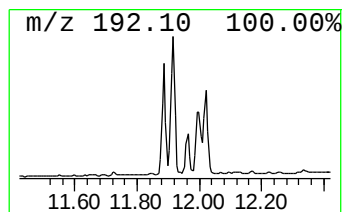
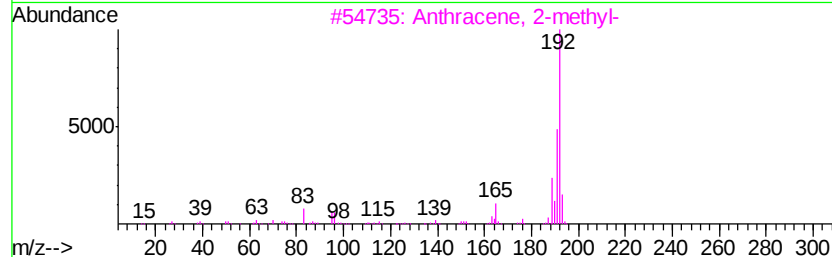
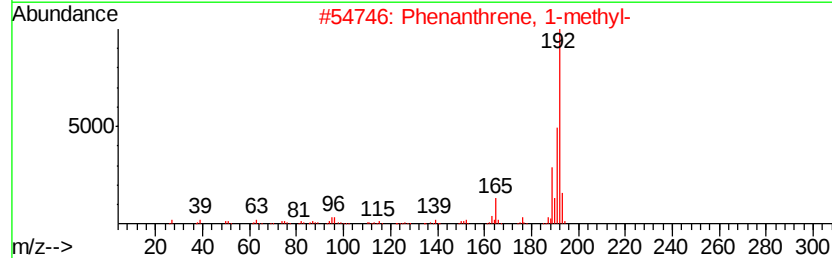
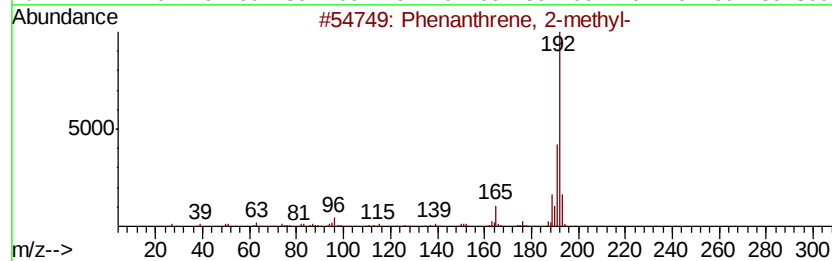
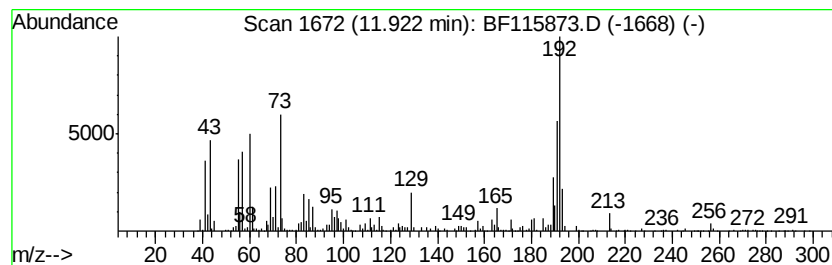
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	24.65 ng	1160190	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
Data File : BF115873.D
Acq On : 31 Jul 2019 18:32
Operator : HP/JU
Sample : K4049-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
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Camphene	6.31	4.2	ng	186224	1	6.85	878183	20.0
unknown6.62	6.62	73.0	ng	3203180	1	6.85	878183	20.0
2,4-Hexadiene, 2,...	8.49	2.8	ng	157153	2	8.13	1111430	20.0
Naphthalene, 2,3-...	9.55	2.1	ng	129253	3	9.89	1237070	20.0
unknown10.35	10.35	2.0	ng	124322	3	9.89	1237070	20.0
Dibenzofuran, 4-m...	10.60	2.3	ng	140595	3	9.89	1237070	20.0
9H-Fluoren-9-one	11.19	5.6	ng	262317	4	11.38	941249	20.0
Phenanthrene, 2-m...	11.92	24.6	ng	1160190	4	11.38	941249	20.0