

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021621\
 Data File : BN013644.D
 Acq On : 16 Feb 2021 18:11
 Operator : CG/JU
 Sample : M1407-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGL1

Manual Integrations
 APPROVED

mohammad
 2/17/2021 1:49:03 PM

Quant Time: Feb 17 03:52:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN020421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 16 16:31:21 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	4692	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	18046	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	14724	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21434m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	18063	0.40	ng/ul	0.00
20) Perylene-d12	23.30	264	16672	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	10417	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	19029	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.37	128	11664768	248.285	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	222465	7.065	ng/ul	100
7) Acenaphthylene	13.90	152	140616	2.562	ng/ul#	95
8) Acenaphthene	14.25	153	3553061	72.759	ng/ul	97
9) Fluorene	15.24	166	2290347	41.460	ng/ul	97
11) Pentachlorophenol	16.59	266	9786	3.750	ng/ul	99
12) Phenanthrene	16.98	178	2664131	41.749	ng/ul	100
13) Anthracene	17.07	178	238243	4.504	ng/ul	100
15) Fluoranthene	19.00	202	196644	2.858	ng/ul	100
17) Pyrene	19.37	202	100572	1.549	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

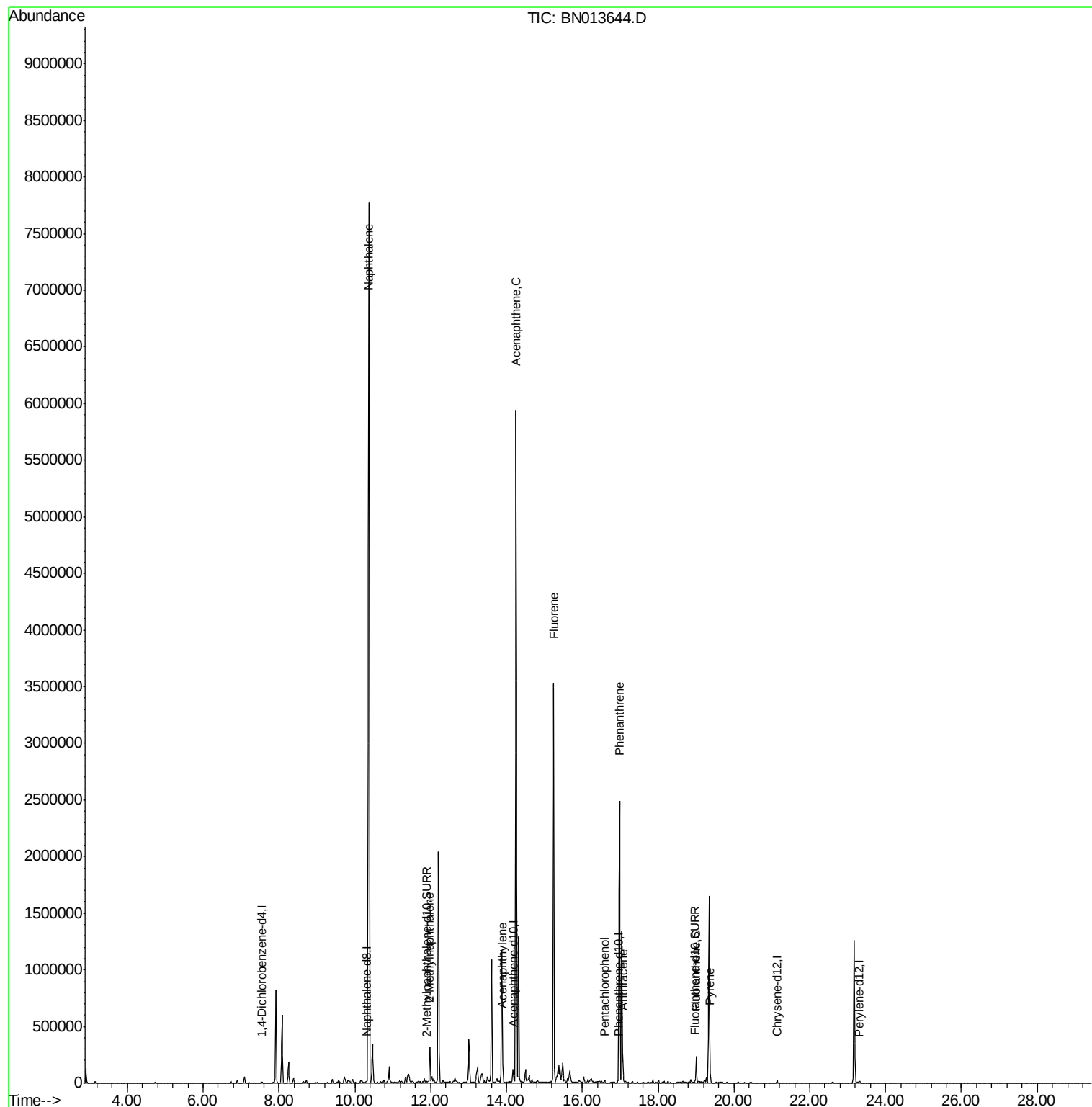
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021621\
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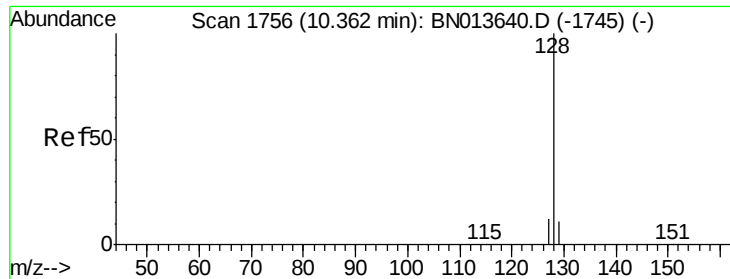
Instrument :
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#3

Naphthalene

Concen: 248.285 ng/ul

RT: 10.37 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Instrument :

BNA_N

ClientSampleId :

DBGL1

Tot Ion:128 Resp:11664768

Ion Ratio Lower Upper

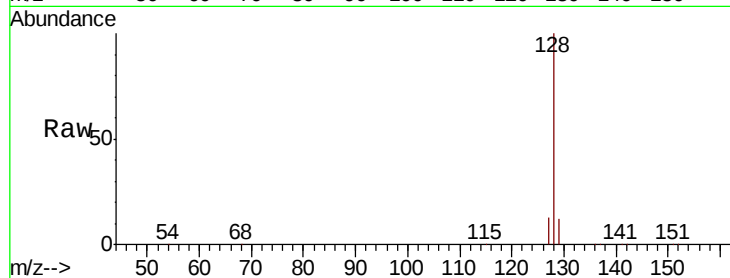
128 100

129 12.1 9.1 13.7

127 13.5 10.8 16.2

Manual Integrations
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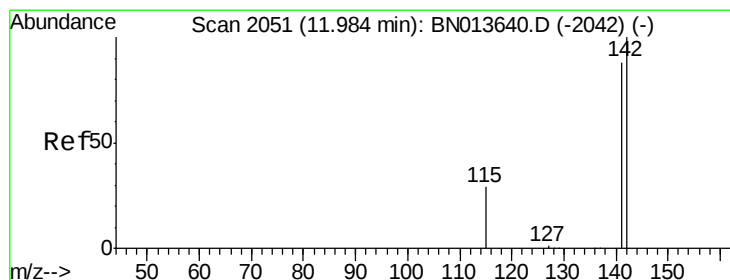
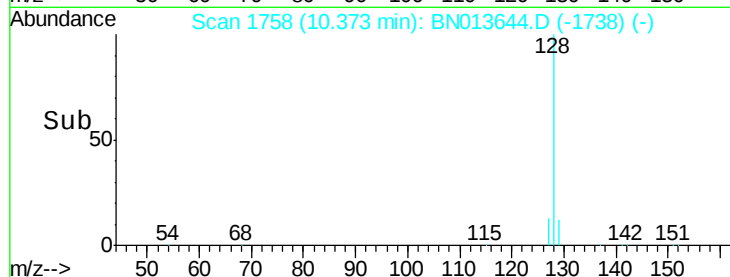
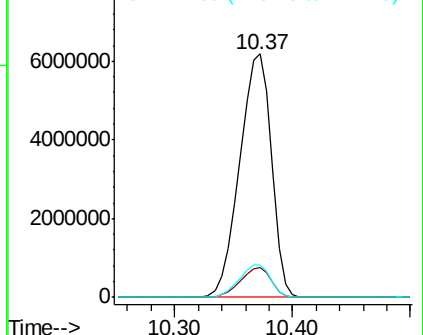


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 7.065 ng/ul

RT: 11.98 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BN013644.D

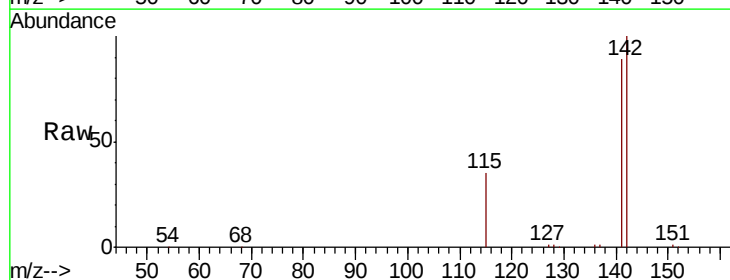
Acq: 16 Feb 2021 18:11

Tgt Ion:142 Resp: 222465

Ion Ratio Lower Upper

142 100

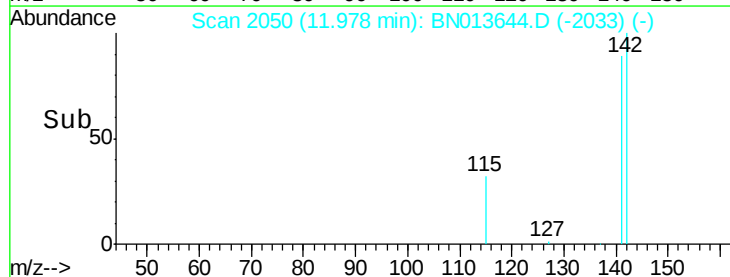
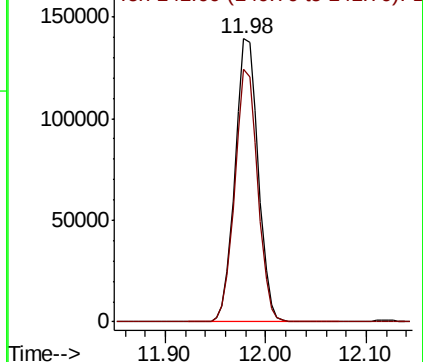
141 88.2 70.8 106.2

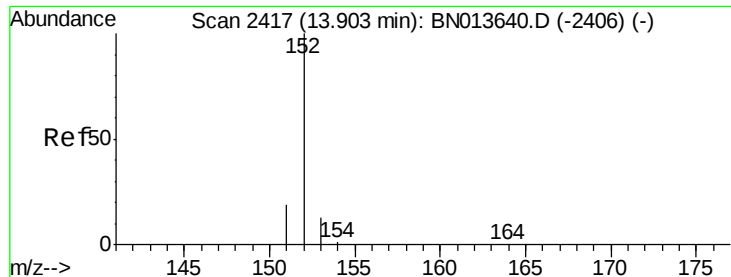


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.562 ng/ul

RT: 13.90 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Instrument :

BNA_N

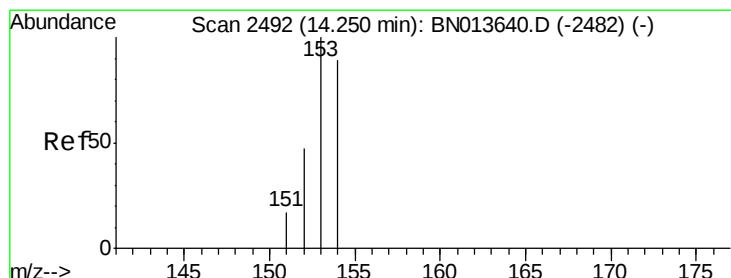
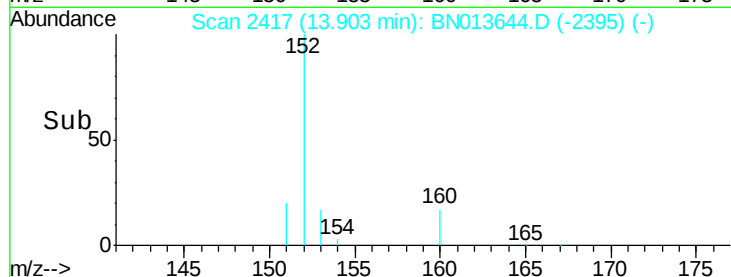
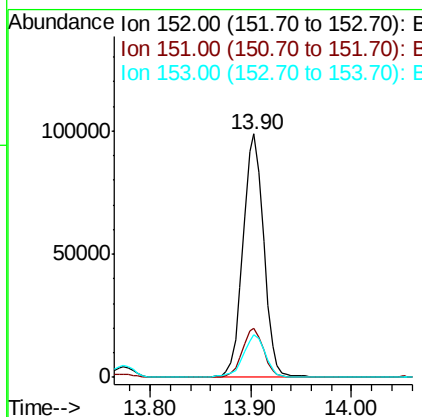
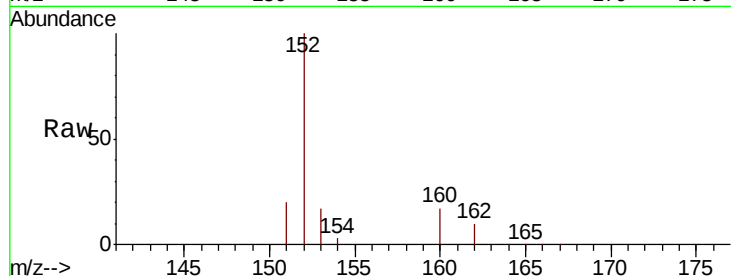
ClientSampleId :

DBG1

Tot Ion:	152	Resp:	140616
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.7	23.5
153	17.3	10.5	15.7#

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#8

Acenaphthene

Concen: 72.759 ng/ul

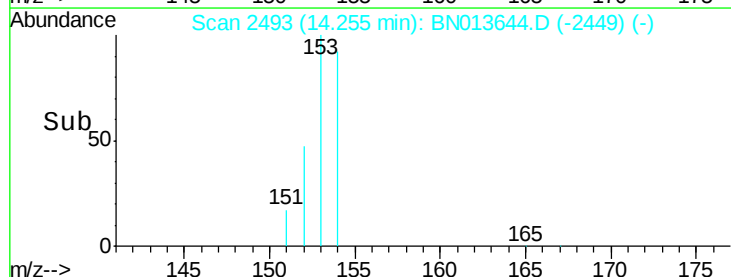
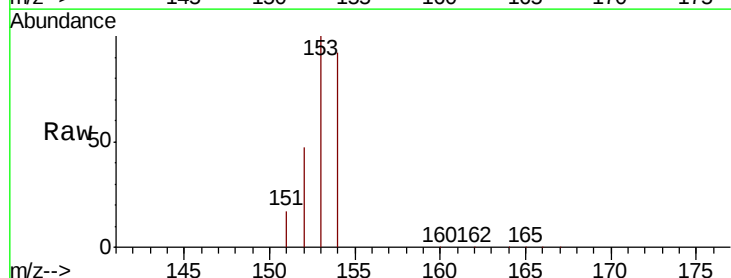
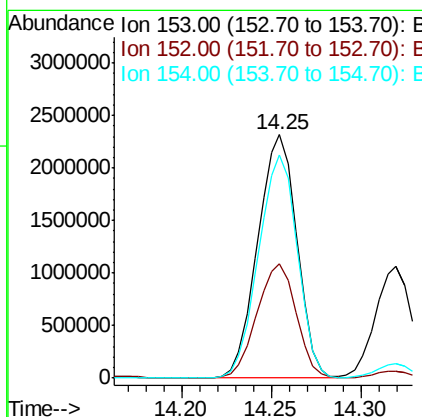
RT: 14.25 min Scan# 2493

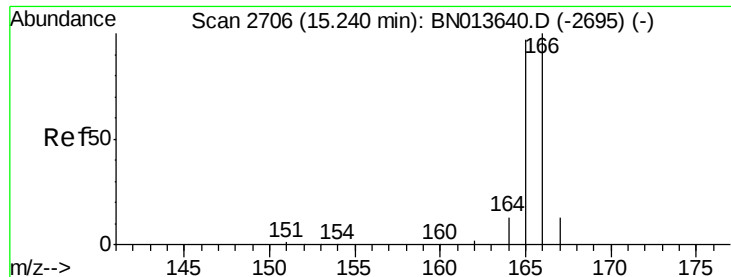
Delta R.T. 0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Tgt Ion:	153	Resp:	3553061
Ion Ratio	Lower	Upper	
153	100		
152	46.7	39.0	58.4
154	91.7	71.3	106.9





#9

Fluorene

Concen: 41.460 ng/ul

RT: 15.24 min Scan# 2707

Delta R.T. 0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Instrument :

BNA_N

ClientSampleId :

DBGL1

Tot Ion:166 Resp: 2290347

Ion Ratio Lower Upper

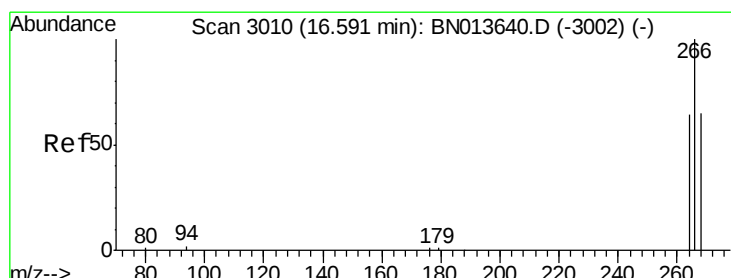
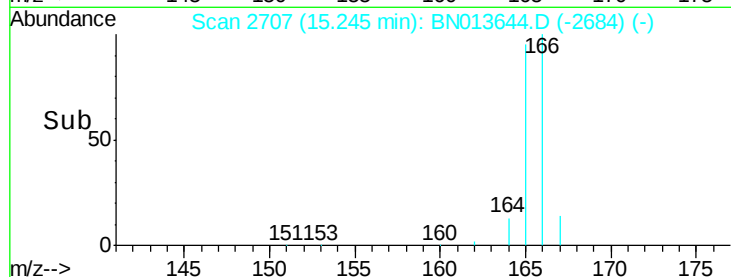
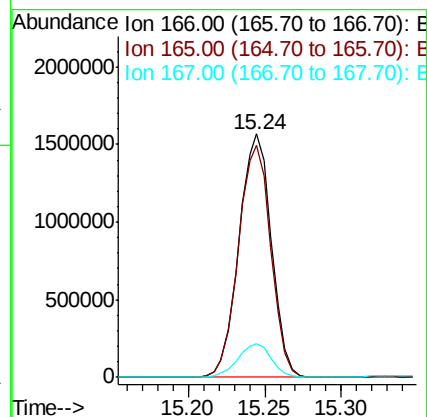
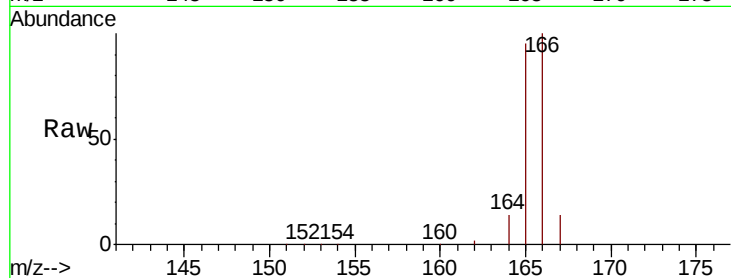
166 100

165 95.1 78.9 118.3

167 13.7 11.2 16.8

Manual Integrations
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#11

Pentachlorophenol

Concen: 3.750 ng/ul

RT: 16.59 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

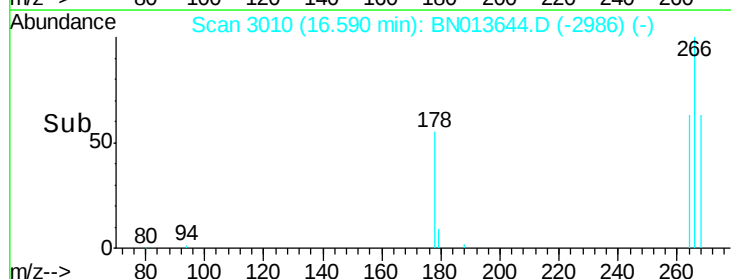
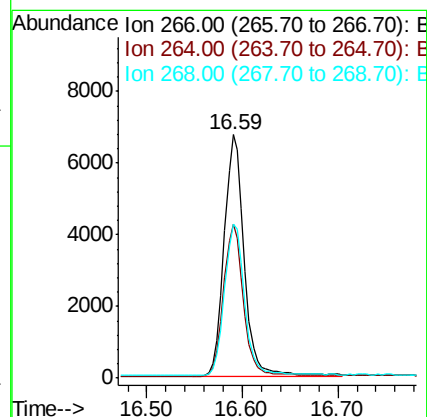
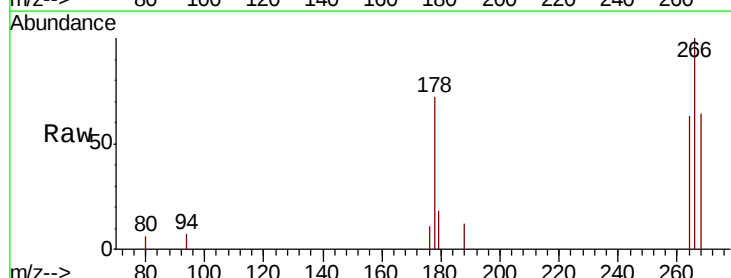
Tgt Ion:266 Resp: 9786

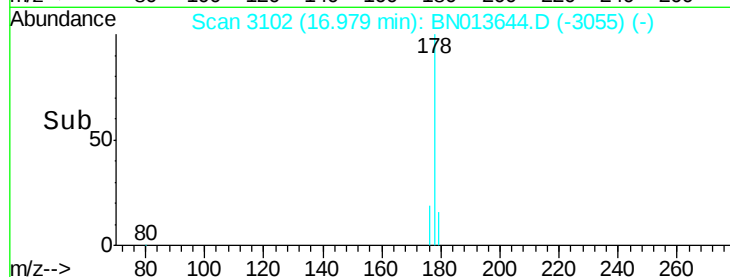
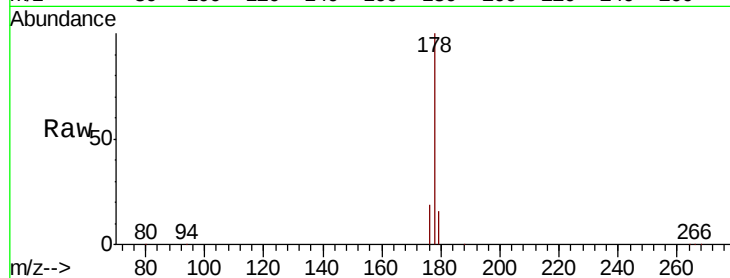
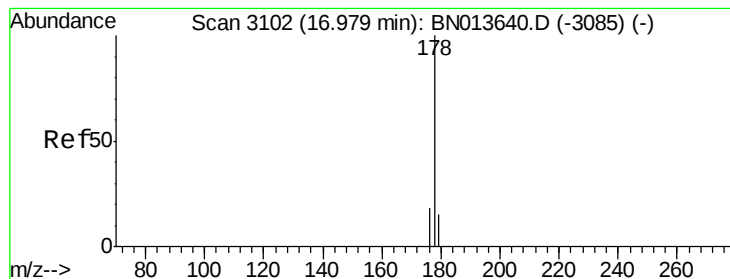
Ion Ratio Lower Upper

266 100

264 63.1 49.9 74.9

268 63.9 51.2 76.8





#12

Phenanthrene

Concen: 41.749 ng/ul

RT: 16.98 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Tot Ion:178 Resp: 2664131

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 18.7 15.2 22.8

Instrument :

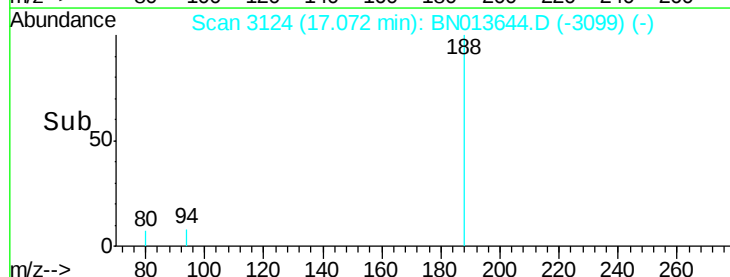
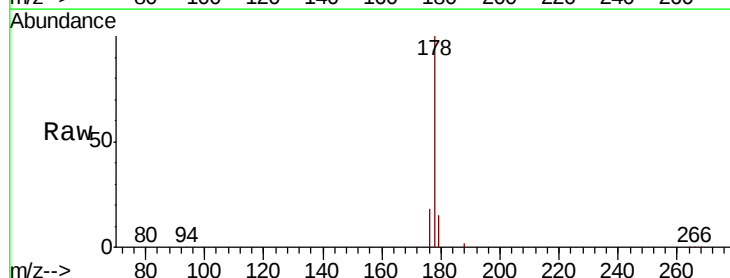
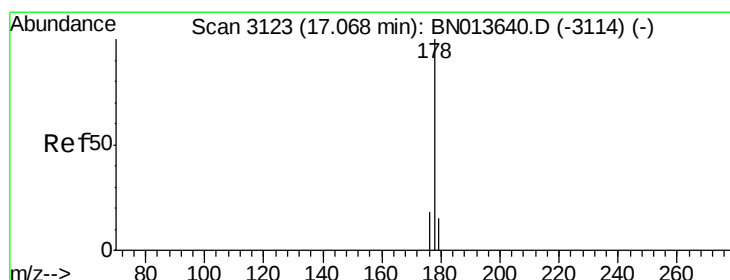
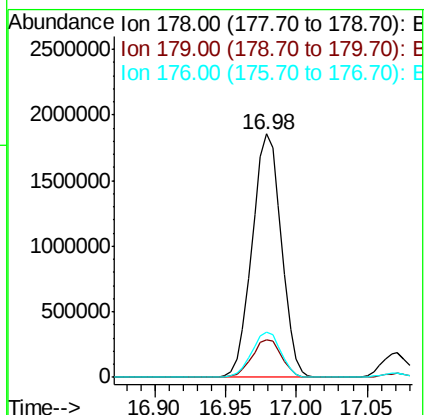
BNA_N

ClientSampled :

DBGL1

Manual Integrations
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#13

Anthracene

Concen: 4.504 ng/ul

RT: 17.07 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

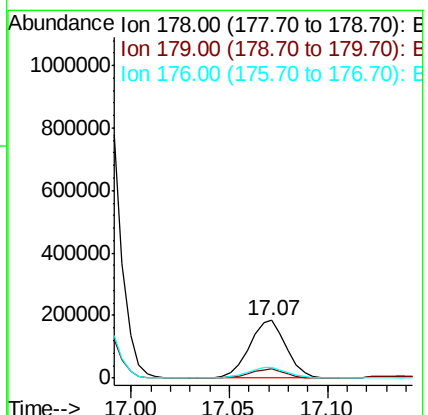
Tgt Ion:178 Resp: 238243

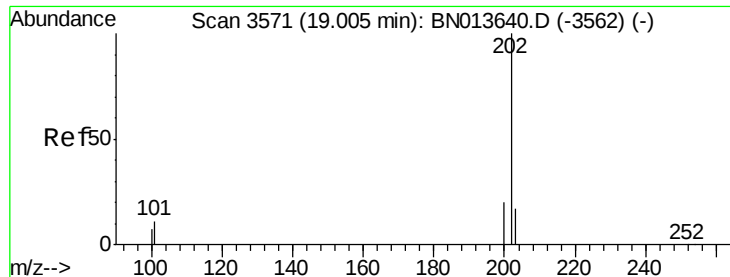
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.4 15.0 22.4





#15

Fluoranthene

Concen: 2.858 ng/ul

RT: 19.00 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Instrument :

BNA_N

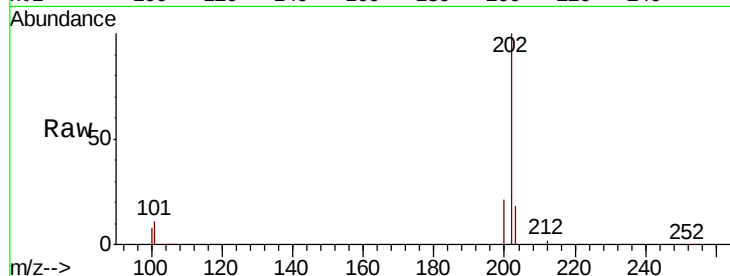
ClientSampleId :

DBGL1

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	0.0	31.1
100	8.4	0.0	28.5

Manual Integrations
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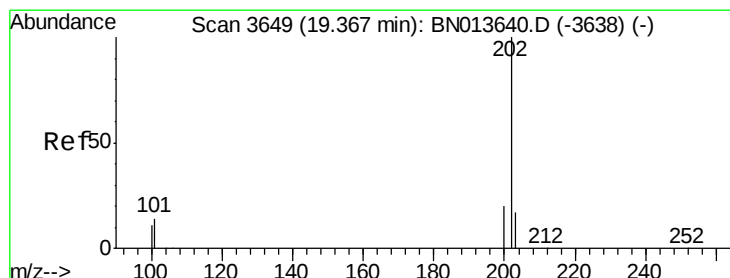
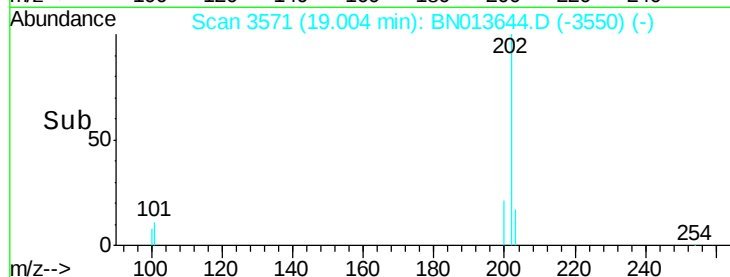
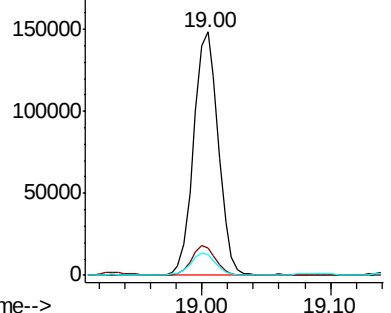
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 1.549 ng/ul

RT: 19.37 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BN013644.D

Acq: 16 Feb 2021 18:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	10.8	16.2
100	11.9	8.6	12.8

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

