Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005644.D
Acq On : 12 May 2019 10:06
Operator : JU/SJ
Sample : K2606-10DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5144DL

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Quant Time: May 13 12:53:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1695	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	6994	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4531	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	10775	0.40	ng/ul	-0.01
16) Chrysene-d12	21.21	240	8200	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	7402	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1364	0.12	ng/ul	-0.03
14) Fluoranthene-d10	19.02	212	4059	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	2562	0.138	ng/ul#	94
5) 2-Methylnaphthalene	12.02	142	4955	0.392	ng/ul	99
7) Acenaphthylene	13.94	152	1618	0.071	ng/ul#	63
8) Acenaphthene	14.28	153	643	0.040	ng/ul#	91
9) Fluorene	15.28	166	1613	0.086	ng/ul#	73
12) Phenanthrene	17.02	178	30557	1.041	ng/ul	99
13) Anthracene	17.11	178	1934	0.066	ng/ul#	62
15) Fluoranthene	19.05	202	9067	0.223	ng/ul	88
17) Pyrene	19.42	202	18904	0.624	ng/ul#	85
18) Benzo(a)anthracene	21.20	228	5393	0.191	ng/ul#	14
19) Chrysene	21.25	228	13842m	0.399	ng/ul	
23) Benzo(a)pyrene	23.33	252	6966	0.280	ng/ul#	1
26) Benzo(g,h,i)perylene	26.30	276	13692	0.577	ng/ul#	54

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
Data File : BN005644.D
Acq On : 12 May 2019 10:06
Operator : JU/SJ
Sample : K2606-10DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 13 12:53:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 12 00:36:09 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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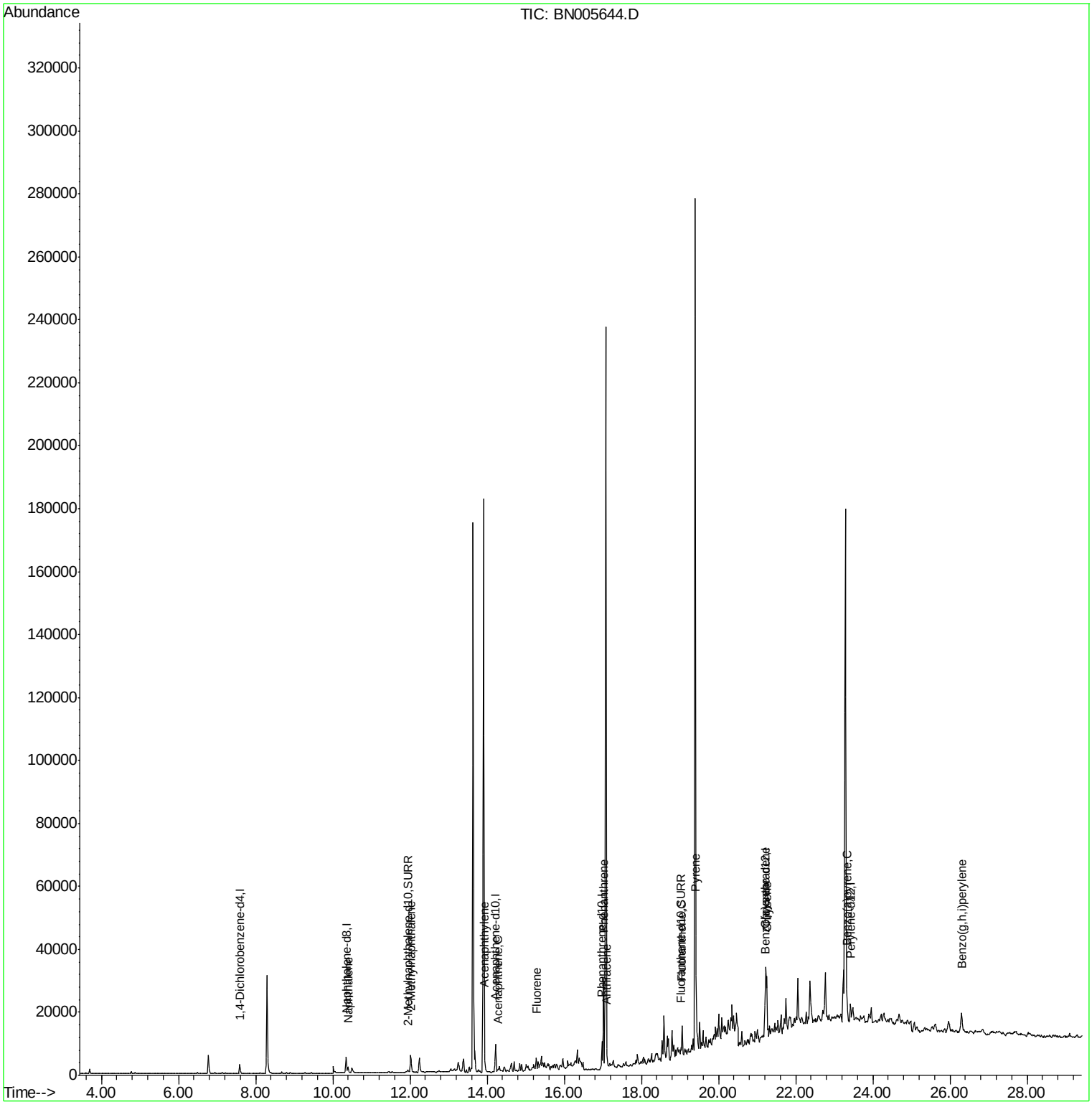

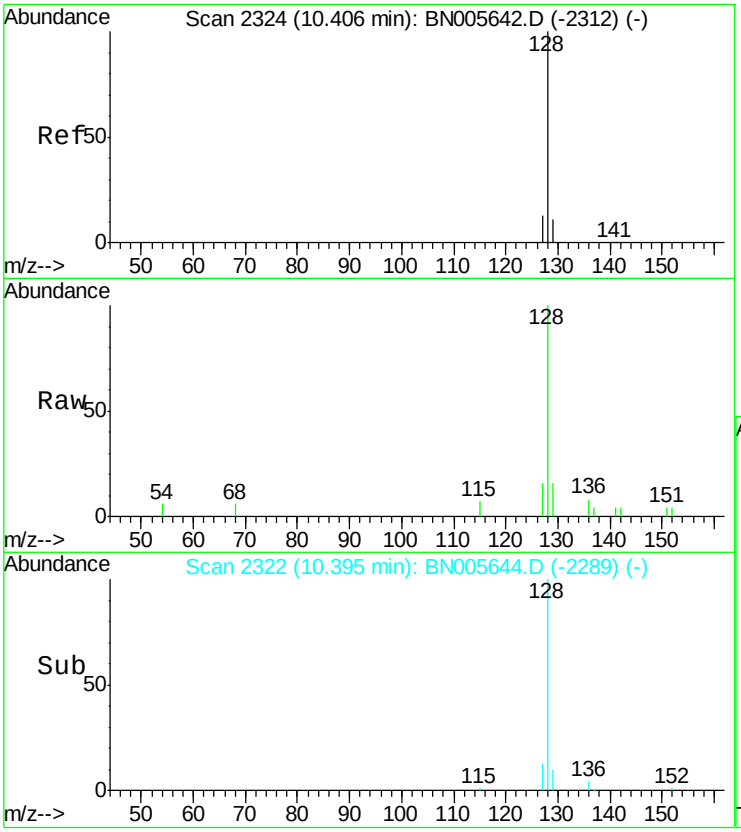

#3
Naphthalene
Concen: 0.138 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Instrument :
BNA_N
ClientSampleId :
A5144DL

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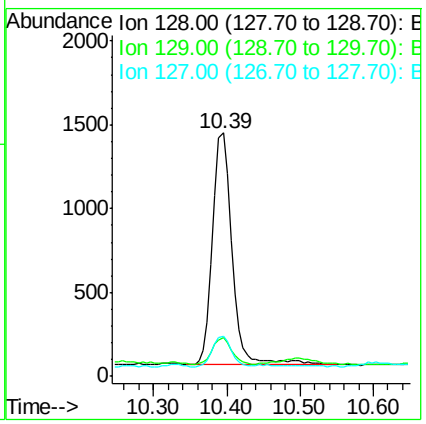
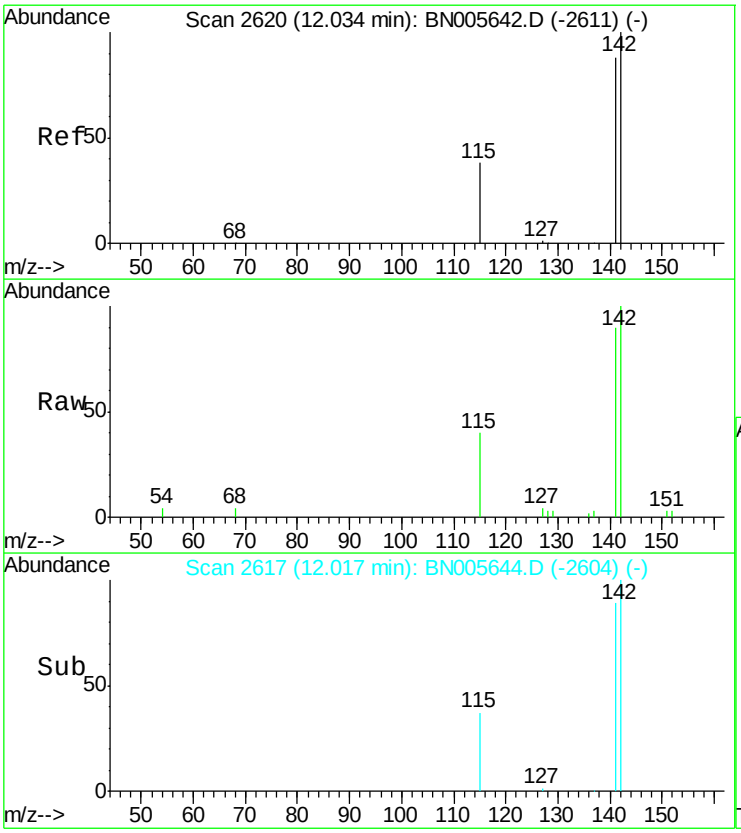
Tgt Ion:128 Resp: 2562

Ion	Ratio	Lower	Upper
128	100		
129	16.1	10.2	15.2#
127	16.3	11.8	17.8

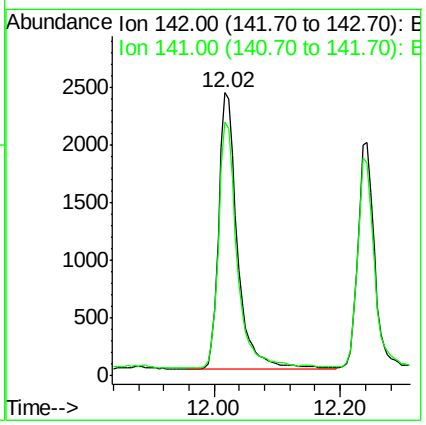


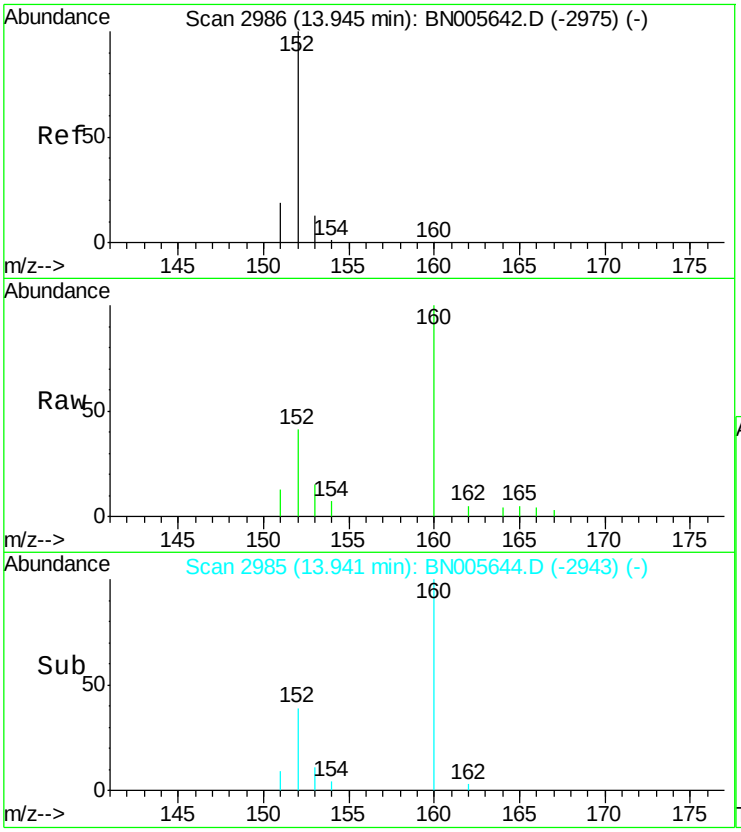


#5
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.02 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:142 Resp: 4955

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.2	108.2





#7
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:152 Resp: 1618

Ion	Ratio	Lower	Upper
152	100		
151	32.6	16.7	25.1#
153	36.5	11.6	17.4#

Instrument :
BNA_N
ClientSampleId :
A5144DL

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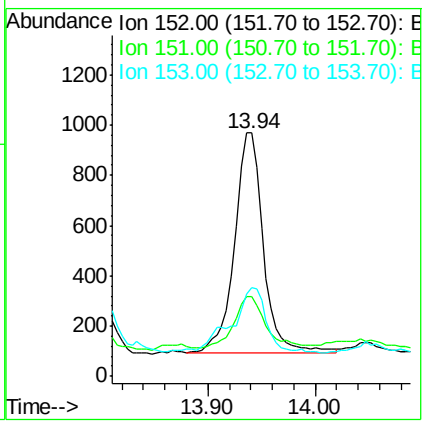
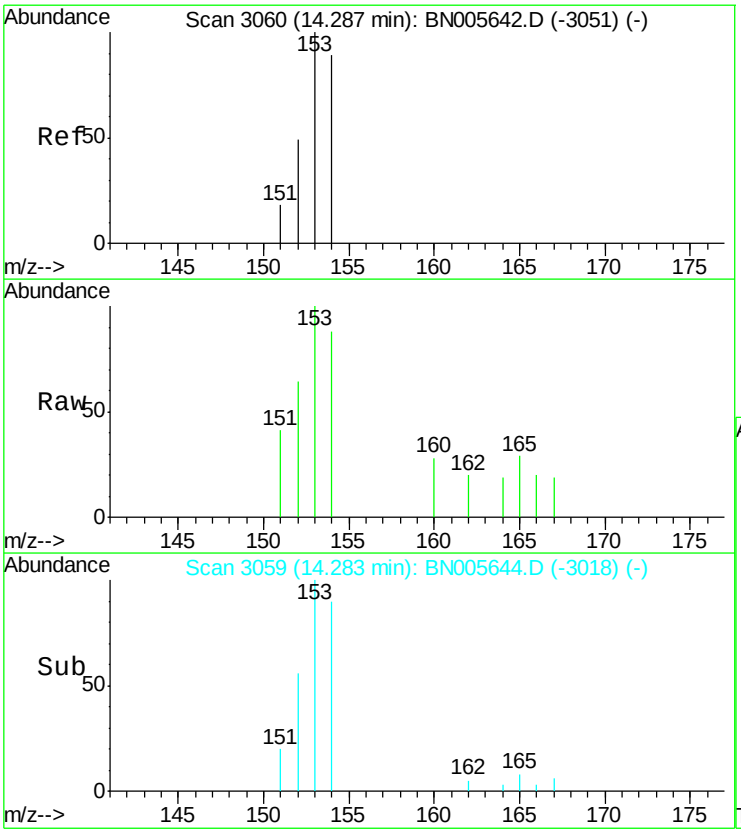
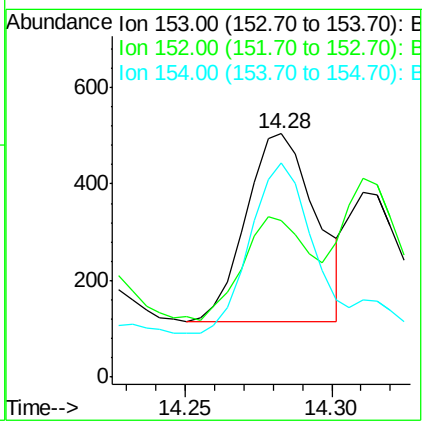


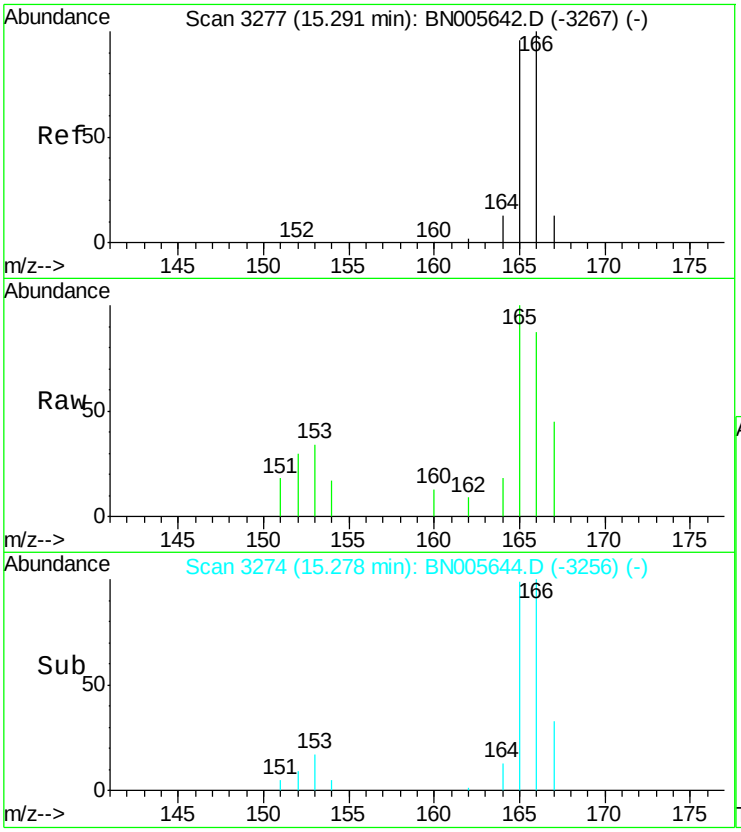


#8
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:153 Resp: 643

Ion	Ratio	Lower	Upper
153	100		
152	64.5	40.8	61.2#
154	87.9	73.2	109.8





#9
Fluorene
Concen: 0.086 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:166 Resp: 1613

Ion	Ratio	Lower	Upper
166	100		
165	114.8	78.0	117.0
167	51.1	12.2	18.4#

Instrument :
BNA_N
ClientSampleId :
A5144DL

Manual Integrations APPROVED
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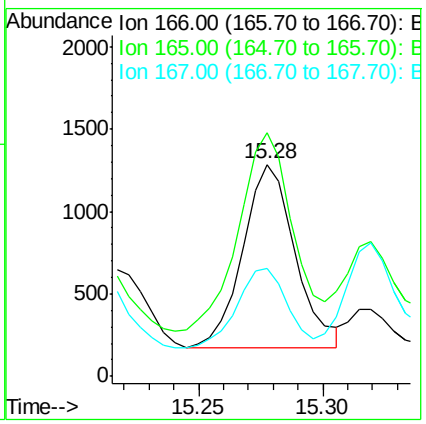
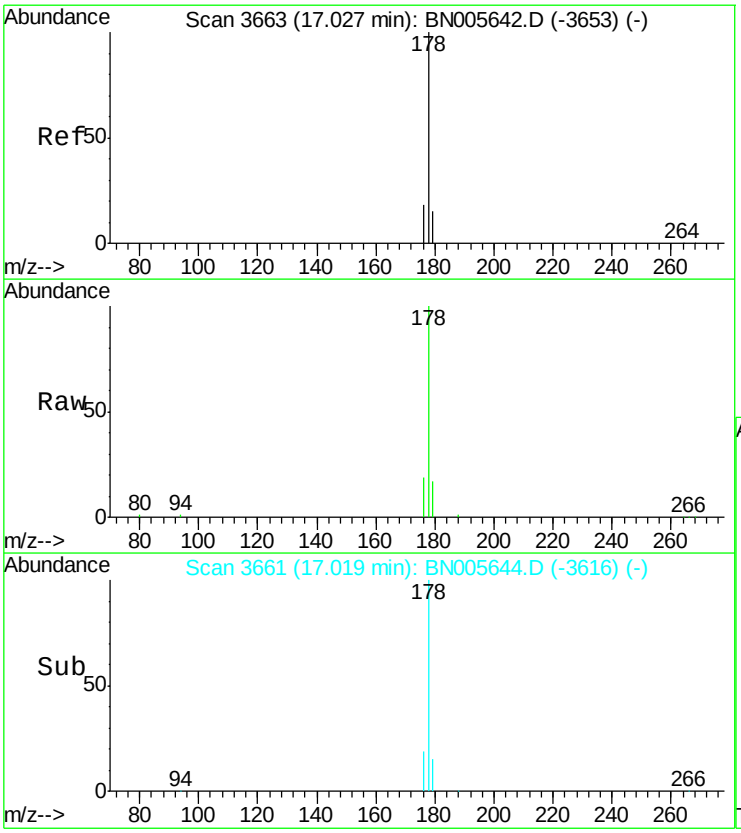
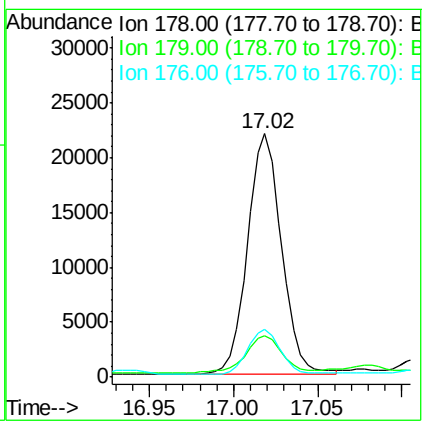


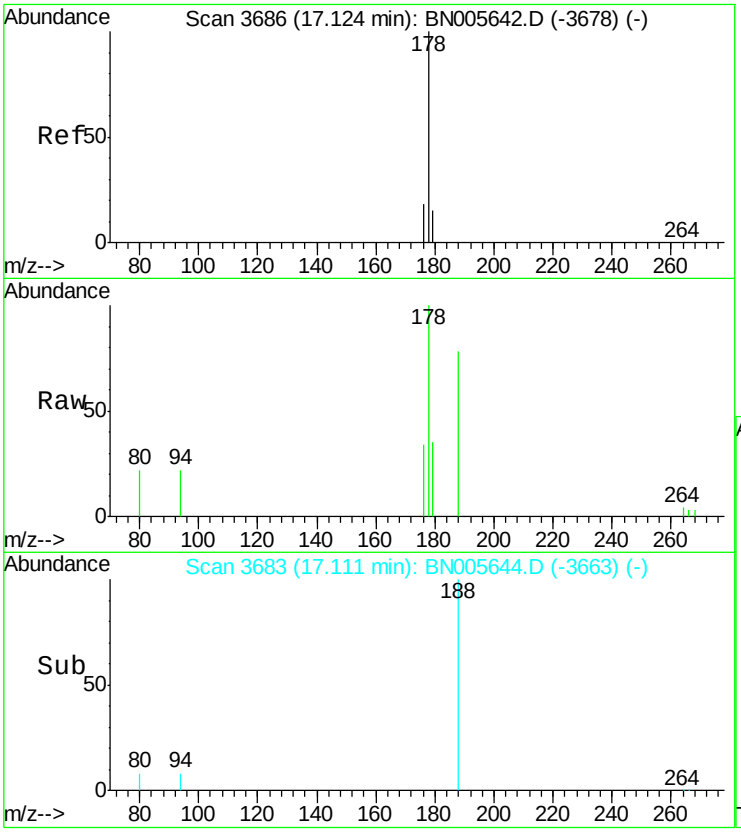


#12
Phenanthrene
Concen: 1.041 ng/ul
RT: 17.02 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:178 Resp: 30557

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	19.4	15.3	22.9





#13
Anthracene
Concen: 0.066 ng/ul
RT: 17.11 min Scan# 3683
Delta R.T. -0.02 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:178 Resp: 1934

Ion	Ratio	Lower	Upper
178	100		
179	35.4	13.4	20.2#
176	34.2	15.1	22.7#

Instrument :
BNA_N
ClientSampleId :
A5144DL

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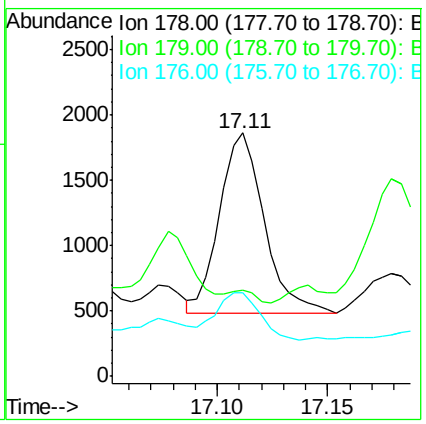
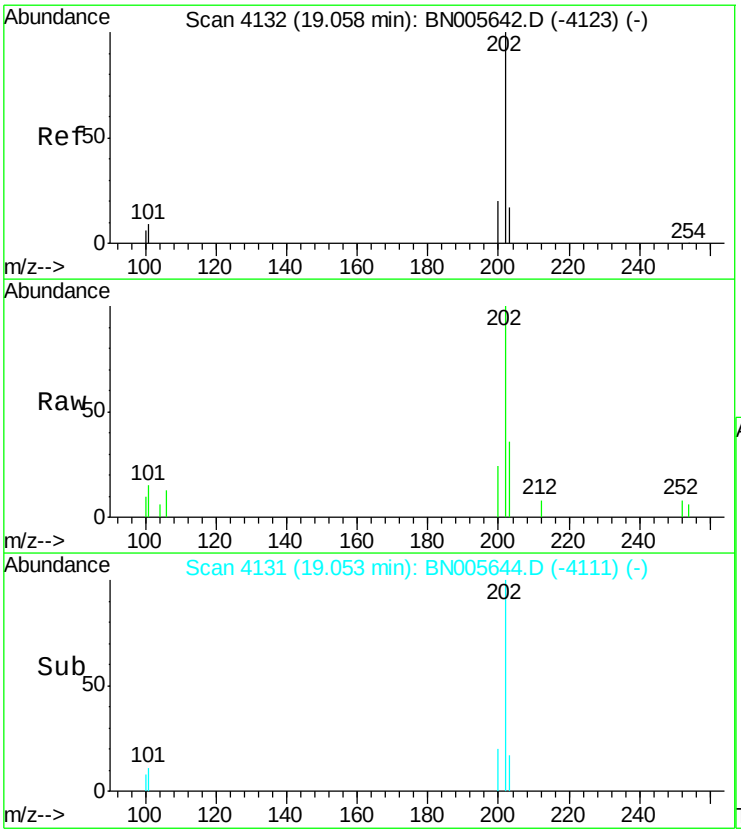
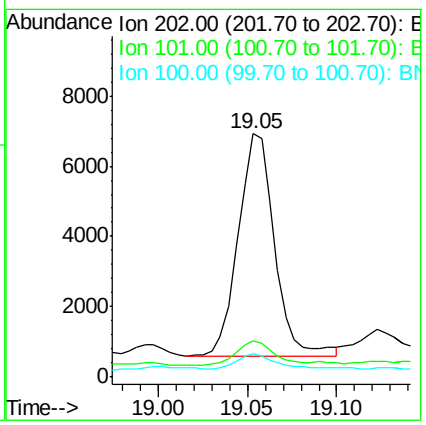


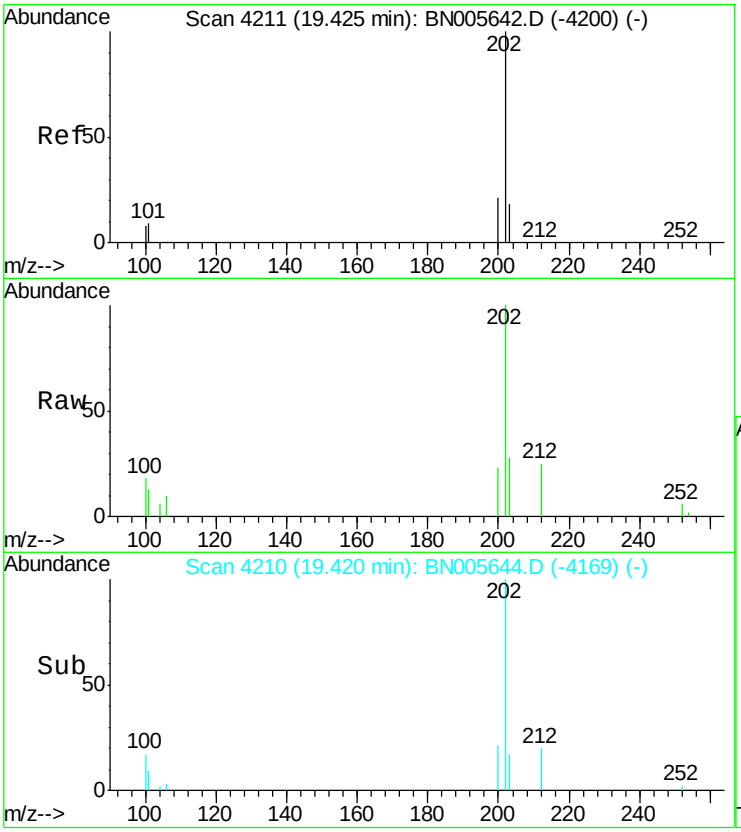


#15
Fluoranthene
Concen: 0.223 ng/ul
RT: 19.05 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:202 Resp: 9067

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	29.4
100	9.7	0.0	27.1





#17
Pyrene
Concen: 0.624 ng/ul
RT: 19.42 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Instrument :
BNA_N
ClientSampleId :
A5144DL

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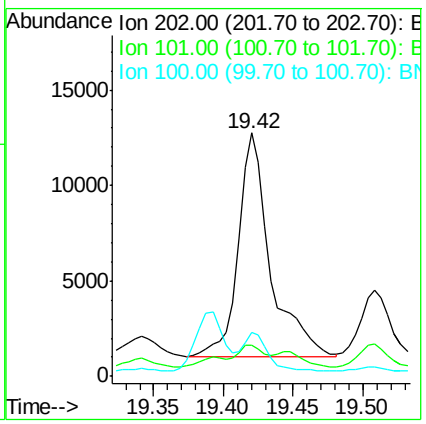
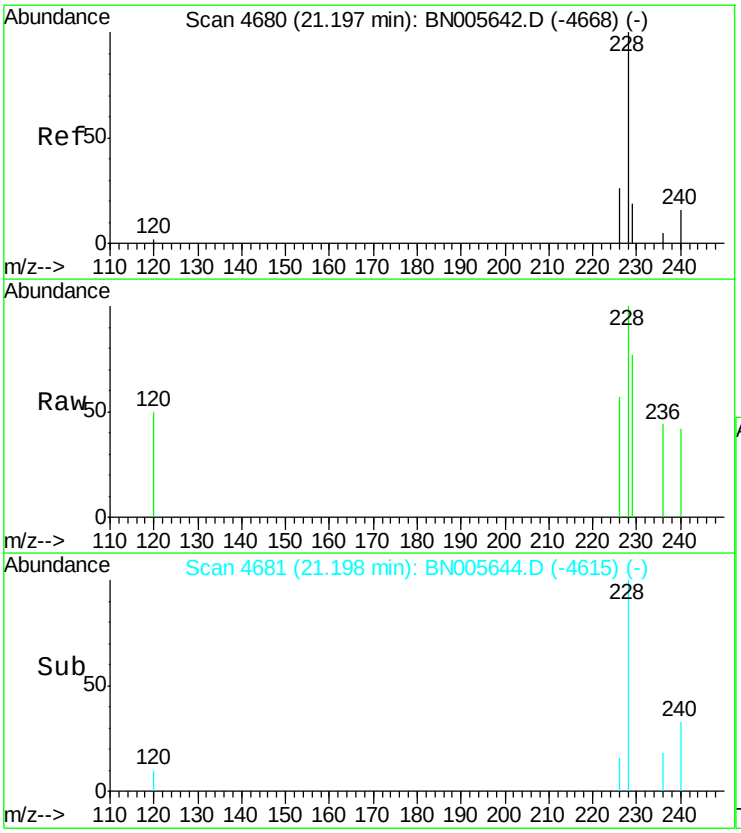
Tgt Ion:202 Resp: 18904

Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.5	12.7#
100	18.1	6.9	10.3#

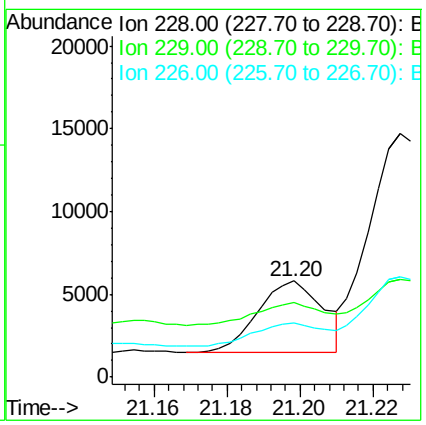


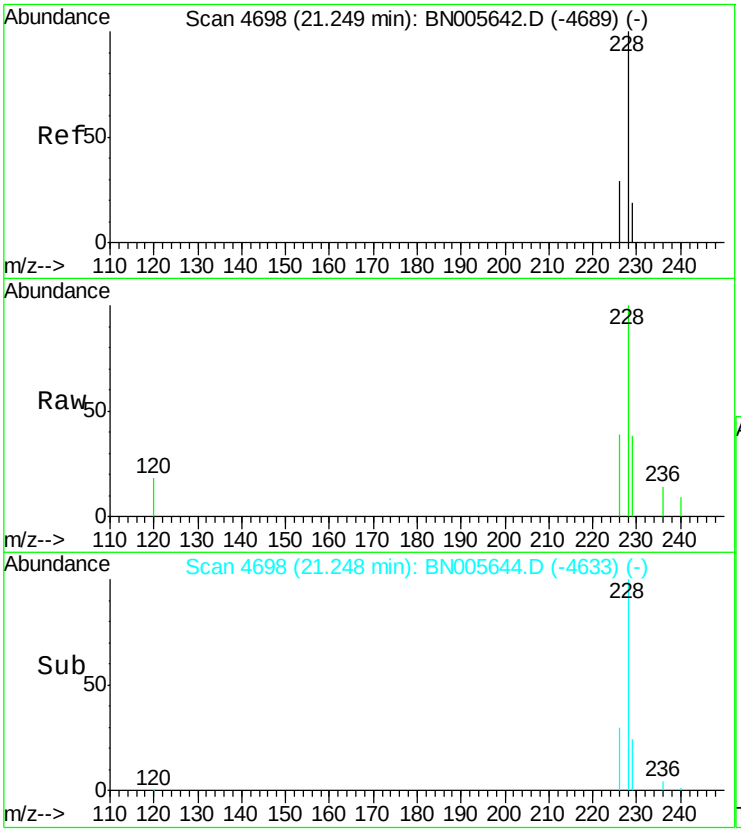


#18
Benzo(a)anthracene
Concen: 0.191 ng/ul
RT: 21.20 min Scan# 4681
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:228 Resp: 5393

Ion	Ratio	Lower	Upper
228	100		
229	77.4	15.8	23.8#
226	56.9	21.7	32.5#





#19
Chrysene
Concen: 0.399 ng/ul m
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:228 Resp: 13842

Ion	Ratio	Lower	Upper
228	100		
226	39.1	23.2	34.8#
229	38.1	16.0	24.0#

Instrument :
BNA_N
ClientSampleId :
A5144DL

Manual Integrations APPROVED
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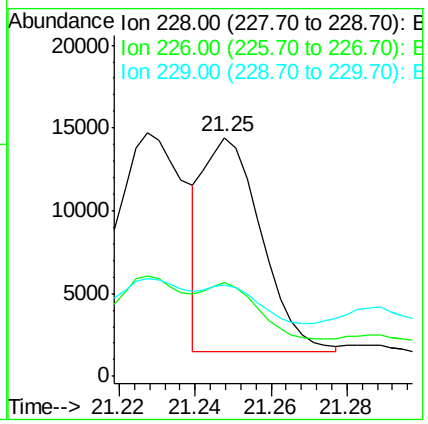
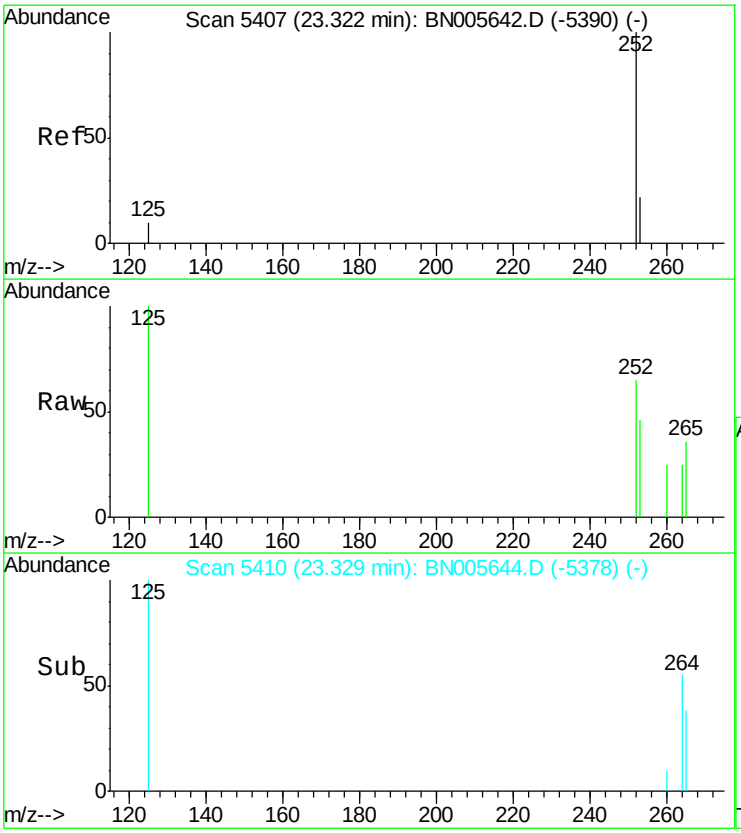
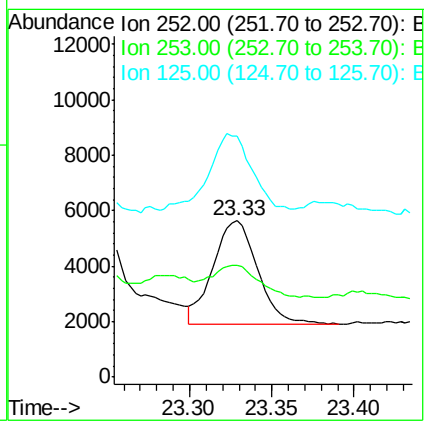


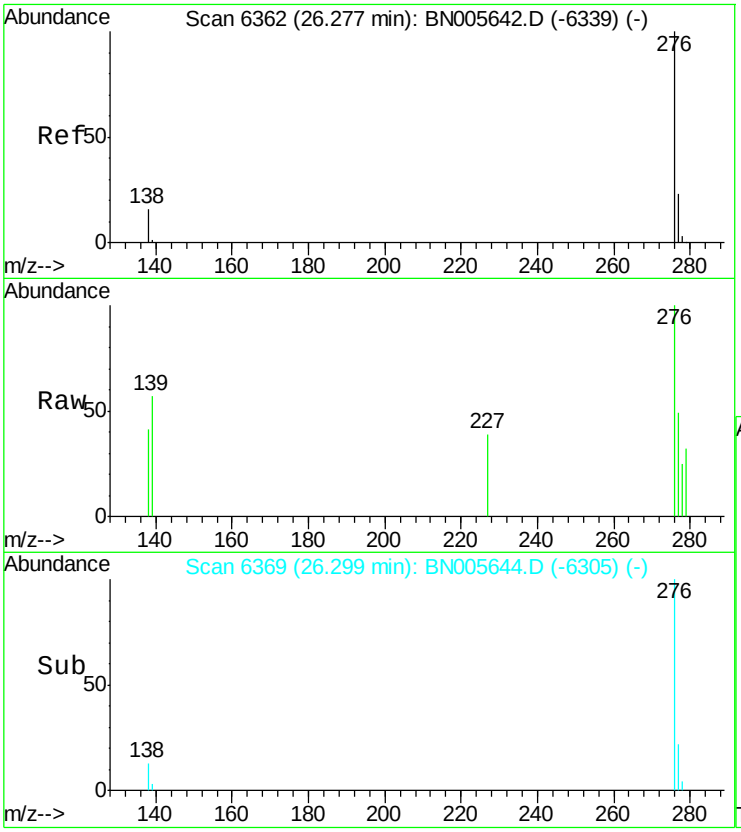


#23
Benzo(a)pyrene
Concen: 0.280 ng/ul
RT: 23.33 min Scan# 5410
Delta R.T. -0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:252 Resp: 6966

Ion	Ratio	Lower	Upper
252	100		
253	71.7	19.6	29.4#
125	154.3	10.1	15.1#

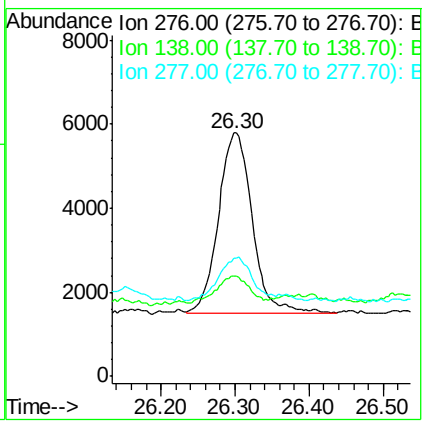




#26
Benzo(g,h,i)perylene
Concen: 0.577 ng/ul
RT: 26.30 min Scan# 6369
Delta R.T. 0.01 min
Lab File: BN005644.D
Acq: 12 May 2019 10:06

Tgt Ion:276 Resp: 13692

Ion	Ratio	Lower	Upper
276	100		
138	41.3	15.6	23.4#
277	48.6	20.6	31.0#



Instrument :
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ClientSampleId :
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