

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
 Data File : BN005705.D
 Acq On : 16 May 2019 13:04
 Operator : JU/SJ
 Sample : K2690-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5116

Manual Integrations
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Quant Time: May 16 14:47:46 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 : Tue May 14 07:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	884	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	3869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	2701	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	6966	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	7623	0.40	ng/ul	0.02
20) Perylene-d12	23.47	264	7814	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1855	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	6916	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	4798	0.469	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	3831	0.548	ng/ul	99
7) Acenaphthylene	13.94	152	7183	0.528	ng/ul	99
8) Acenaphthene	14.28	153	5824	0.605	ng/ul	99
11) Pentachlorophenol	16.68	266	1348	0.747	ng/ul	90
13) Anthracene	17.12	178	8808	0.465	ng/ul	100
17) Pyrene	19.43	202	19943	0.708	ng/ul	96
19) Chrysene	21.27	228	16061	0.498	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	18341m	0.781	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	29530	1.003	ng/ul	99
23) Benzo(a)pyrene	23.38	252	11603	0.442	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.68	278	15345	0.632	ng/ul	99

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

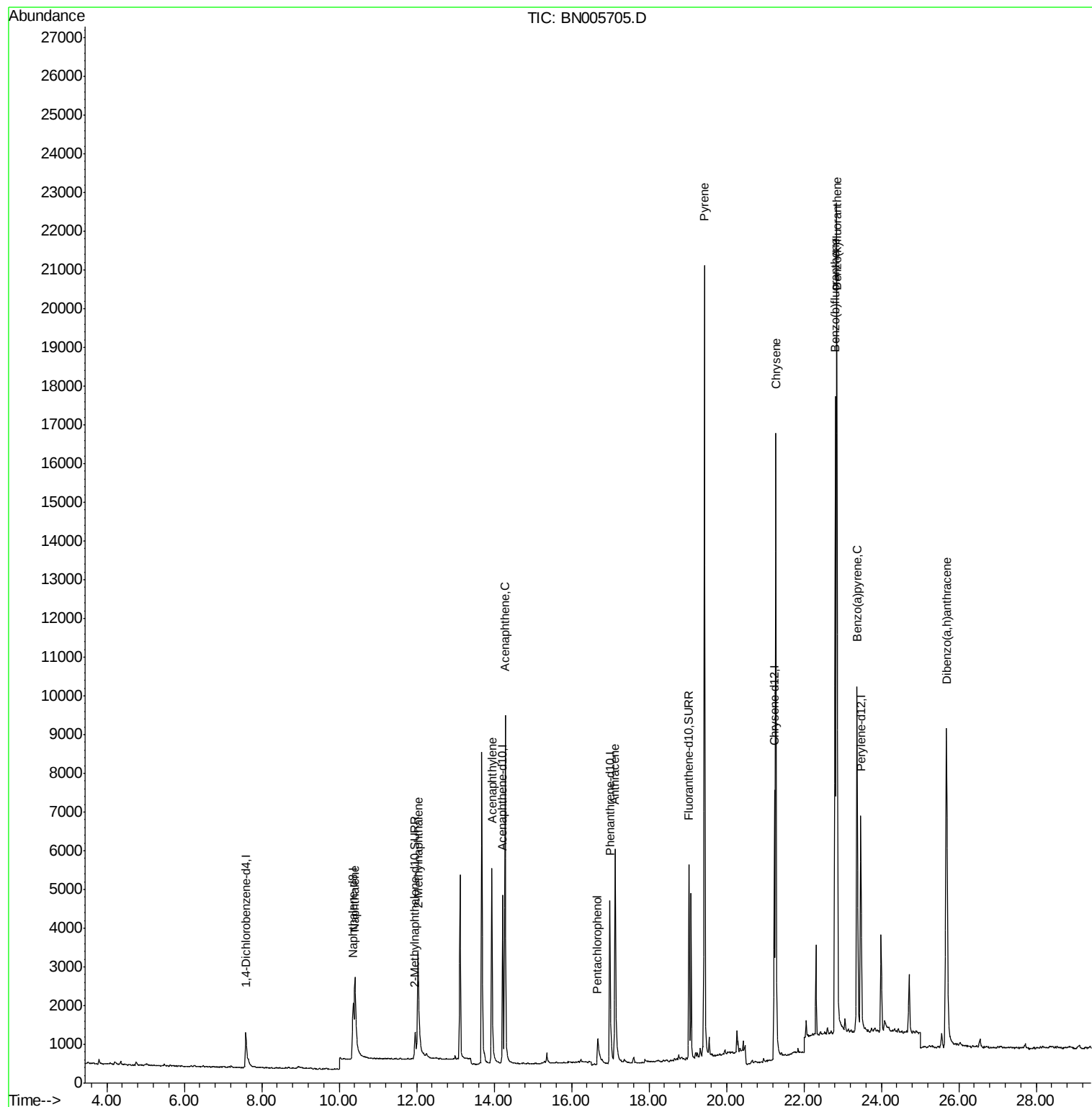
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051619\
Data File : BN005705.D
Acq On : 16 May 2019 13:04
Operator : JU/SJ
Sample : K2690-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

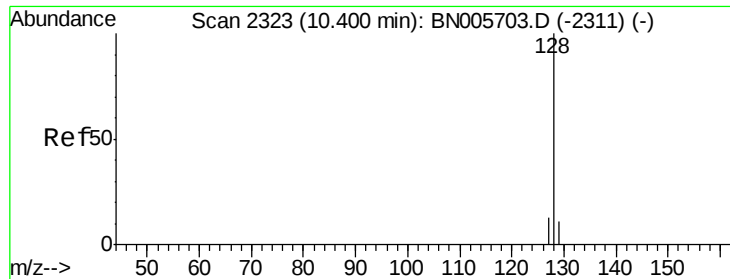
Instrument :
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QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.469 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BN005705.D

Acq: 16 May 2019 13:04

Instrument :

BNA_N

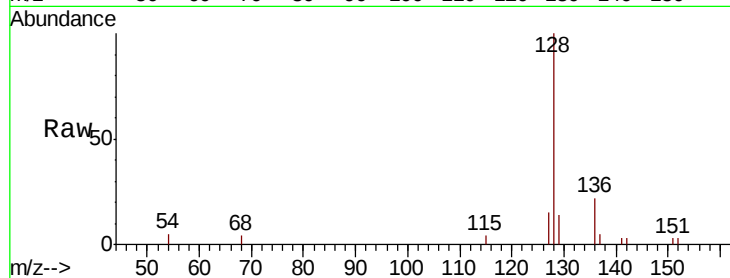
ClientSampleId :

A5116

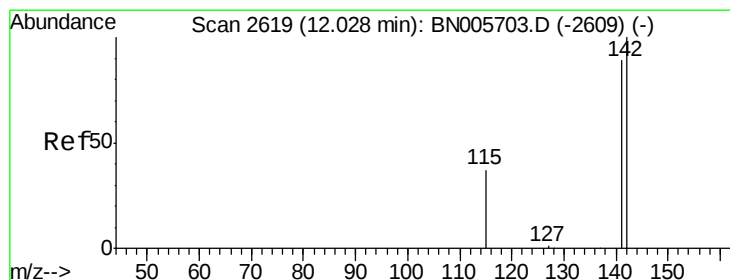
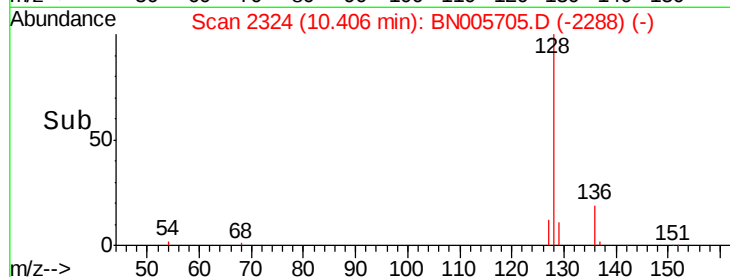
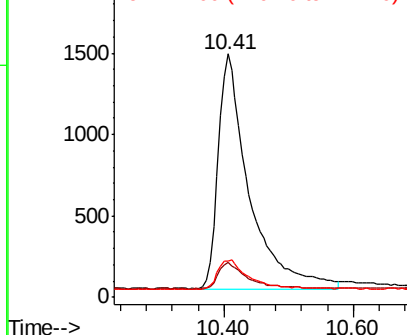
Tot Ion:	128	Resp:	4798
Ion	Ratio	Lower	Upper
128	100		
129	14.3	10.2	15.2
127	15.1	11.8	17.8

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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: 0.548 ng/ul

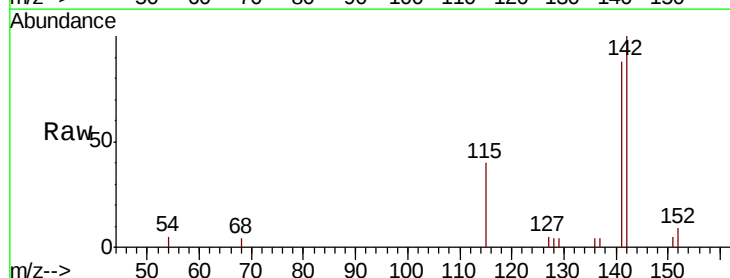
RT: 12.03 min Scan# 2620

Delta R.T. -0.01 min

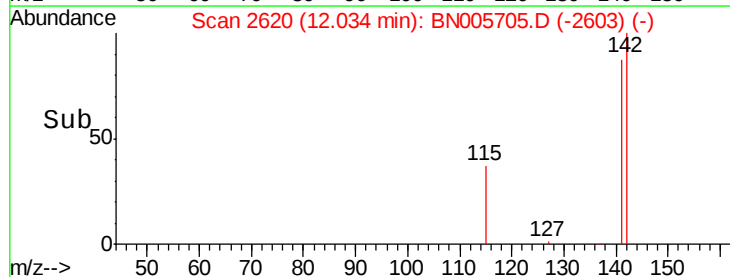
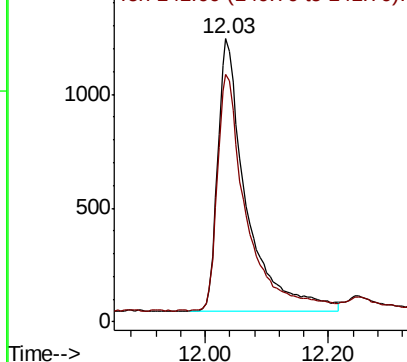
Lab File: BN005705.D

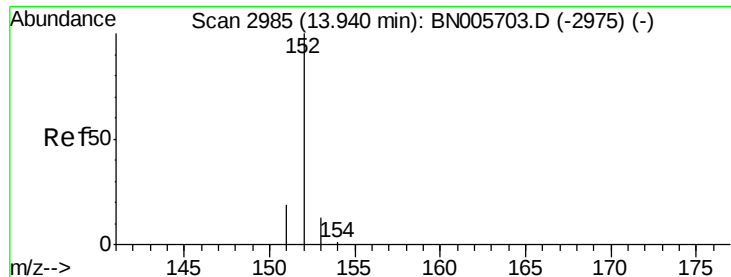
Acq: 16 May 2019 13:04

Tgt Ion:	142	Resp:	3831
Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.528 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN005705.D

Acq: 16 May 2019 13:04

Instrument :

BNA_N

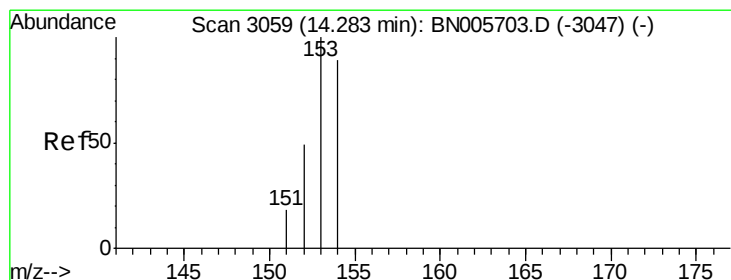
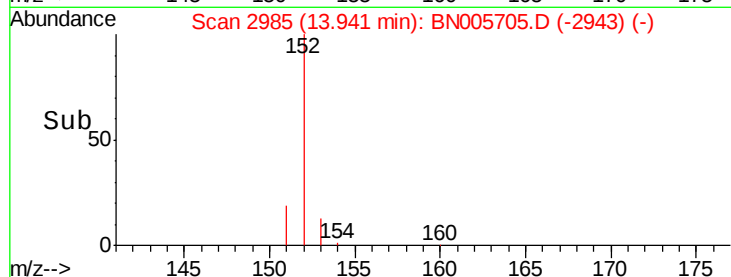
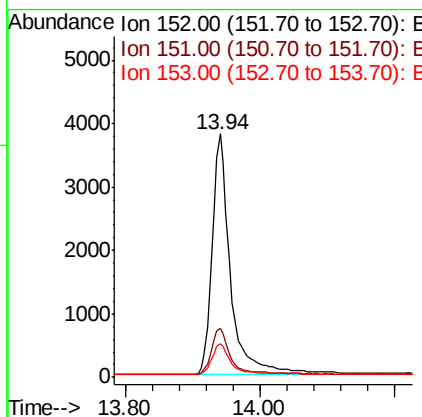
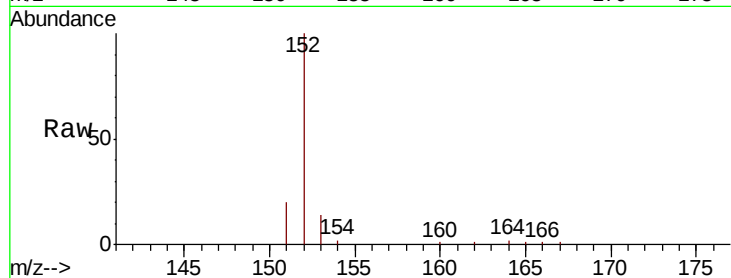
ClientSampled :

A5116

Tot Ion:	152	Resp:	7183
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.7	25.1
153	14.1	11.6	17.4

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#8

Acenaphthene

Concen: 0.605 ng/ul

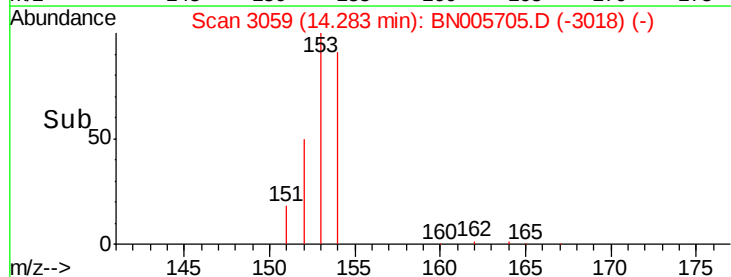
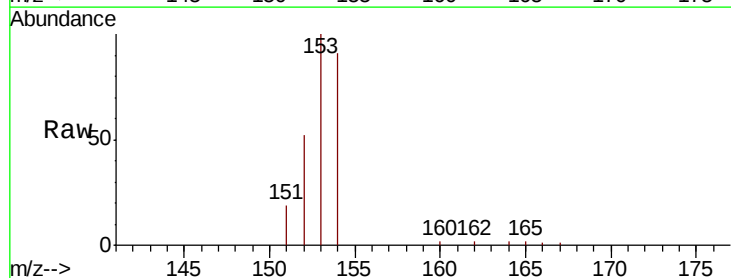
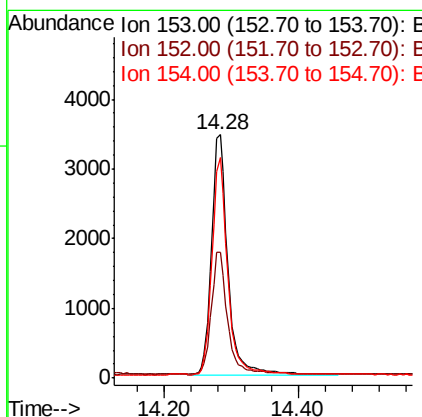
RT: 14.28 min Scan# 3059

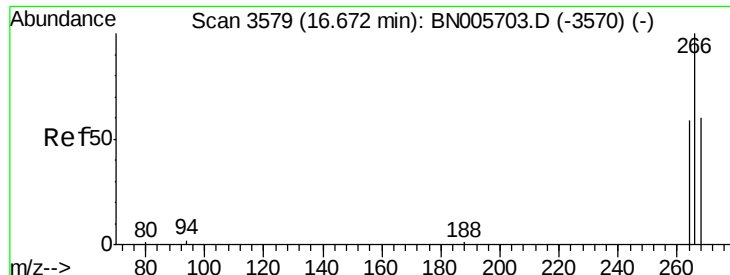
Delta R.T. -0.01 min

Lab File: BN005705.D

Acq: 16 May 2019 13:04

Tgt Ion:	153	Resp:	5824
Ion Ratio	Lower	Upper	
153	100		
152	51.5	40.8	61.2
154	90.5	73.2	109.8





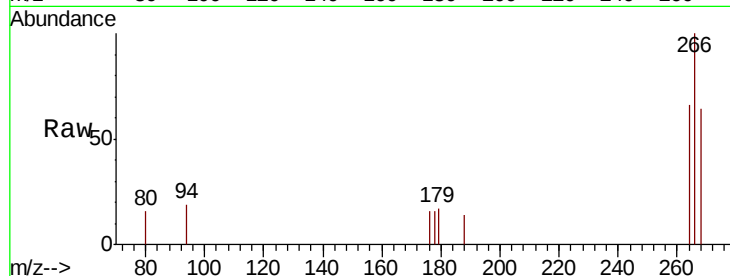
#11
 Pentachlorophenol
 Concen: 0.747 ng/ul
 RT: 16.68 min Scan# 3580
 Delta R.T. -0.02 min
 Lab File: BN005705.D
 Acq: 16 May 2019 13:04

Instrument :
 BNA_N
 ClientSampleId :
 A5116

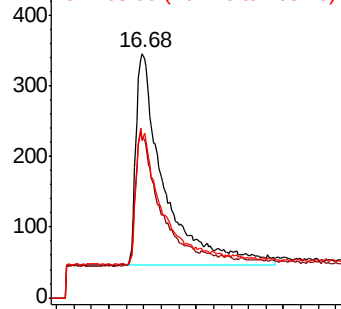
Tot Ion:	266	Resp:	1348
Ion Ratio	Lower	Upper	
266	100		
264	59.6	55.3	82.9
268	64.7	56.7	85.1

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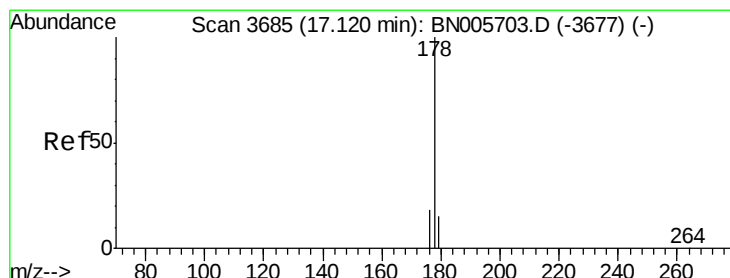
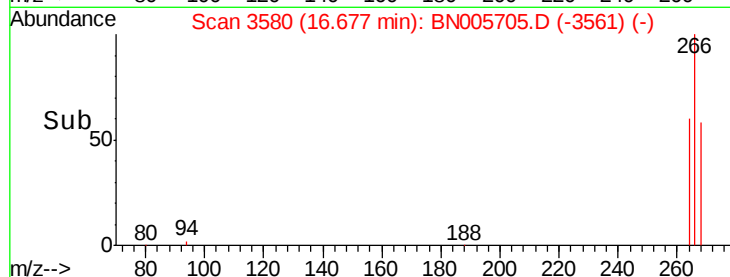
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Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

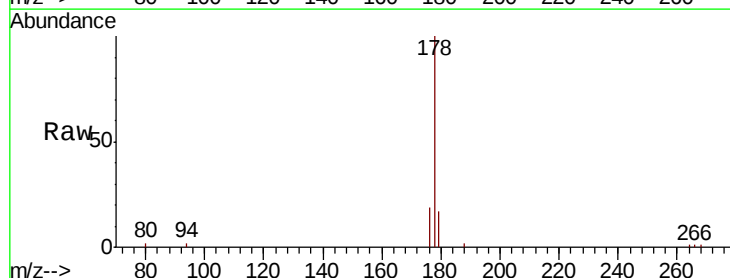


Time-->

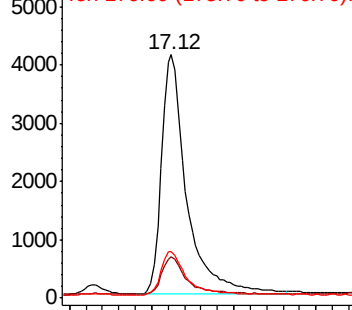


#13
 Anthracene
 Concen: 0.465 ng/ul
 RT: 17.12 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: BN005705.D
 Acq: 16 May 2019 13:04

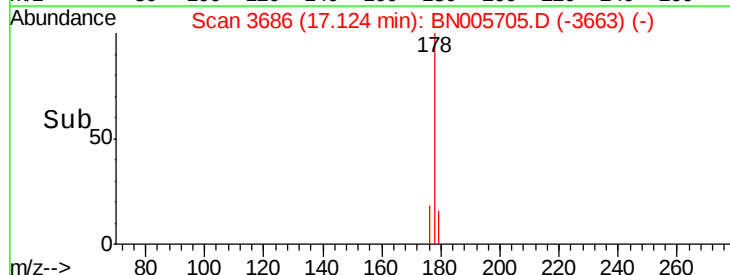
Tgt Ion:	178	Resp:	8808
Ion Ratio	Lower	Upper	
178	100		
179	16.8	13.4	20.2
176	19.2	15.1	22.7

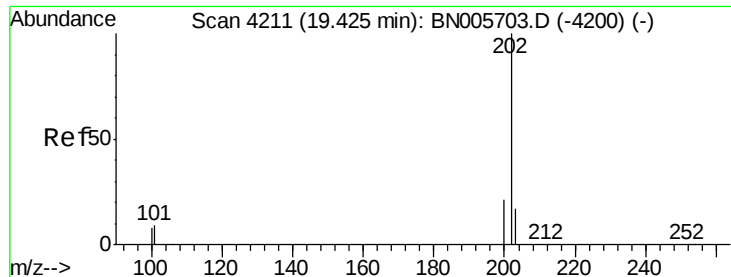


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



Time-->





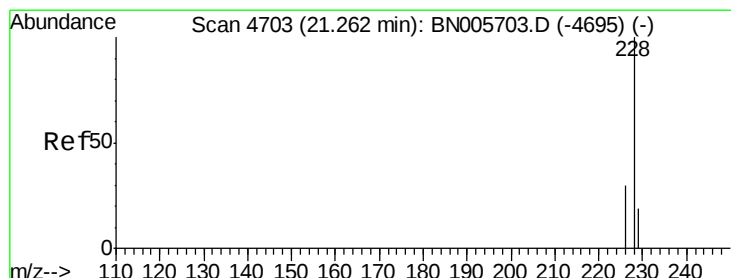
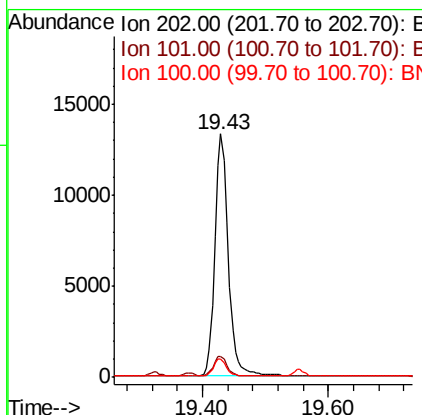
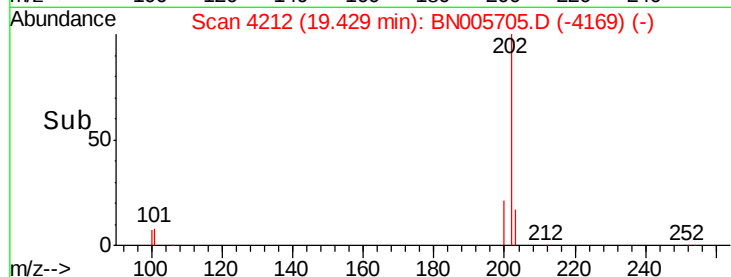
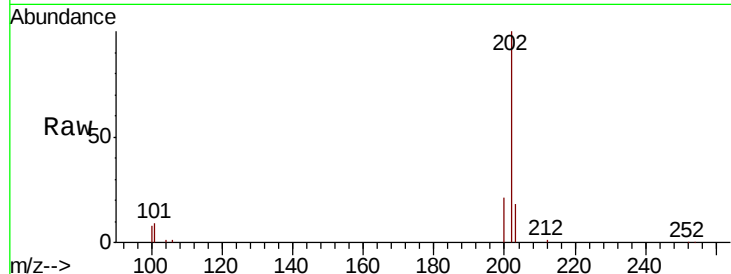
#17
 Pvrene
 Concen: 0.708 ng/ul
 RT: 19.43 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: BN005705.D
 Acq: 16 May 2019 13:04

Instrument :
 BNA_N
 ClientSampleId :
 A5116

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	8.5	12.7
100	7.5	6.9	10.3

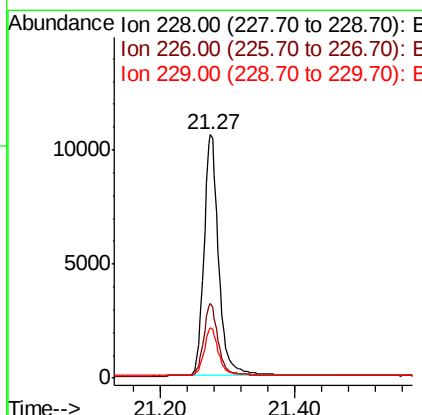
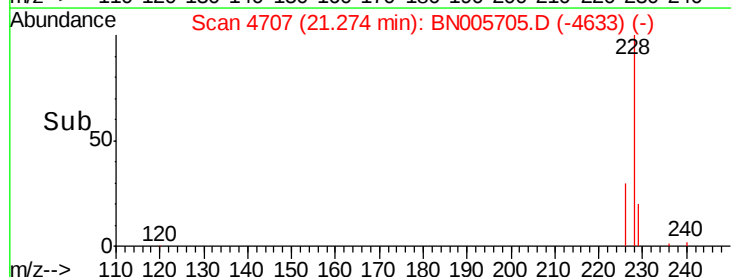
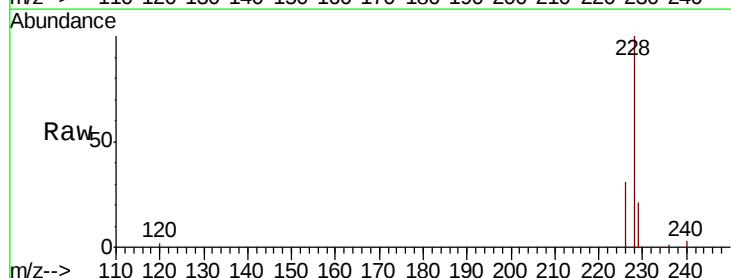
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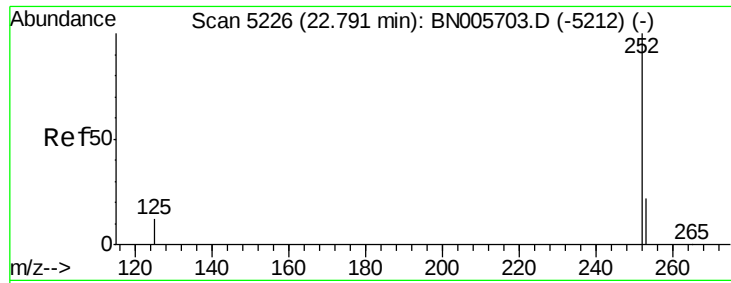
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#19
 Chrysene
 Concen: 0.498 ng/ul
 RT: 21.27 min Scan# 4707
 Delta R.T. 0.02 min
 Lab File: BN005705.D
 Acq: 16 May 2019 13:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	23.2	34.8
229	20.6	16.0	24.0





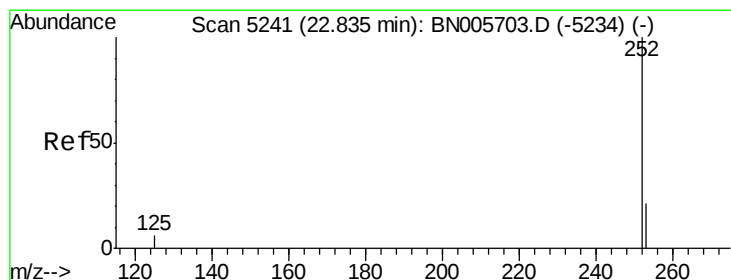
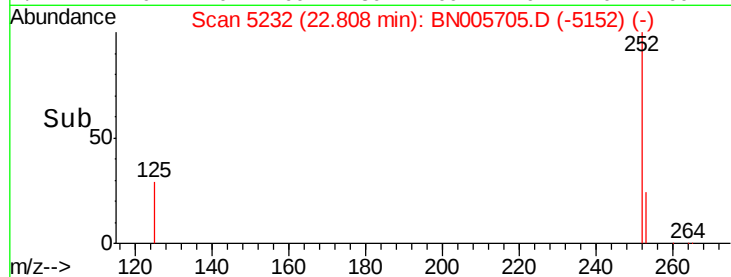
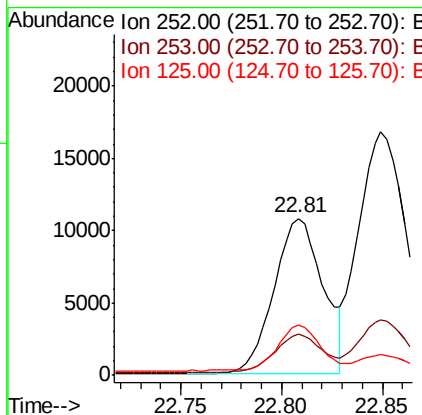
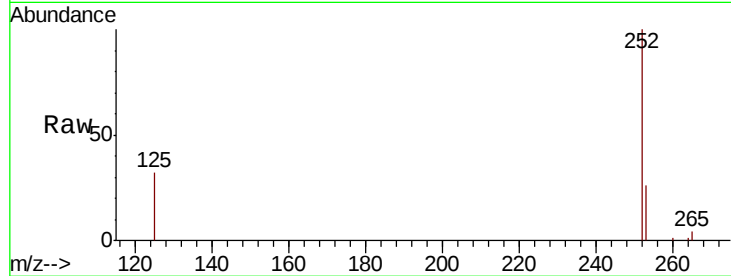
#21
Benzo(b)fluoranthene
Concen: 0.781 ng/ul m
RT: 22.81 min Scan# 5232
Delta R.T. 0.04 min
Lab File: BN005705.D
Acq: 16 May 2019 13:04

Instrument :
BNA_N
ClientSampleId :
A5116

Tot Ion	Ratio	Resp	Lower	Upper
252	100	18341		
253	26.0	0.0	47.6	
125	31.7	0.0	20.8	

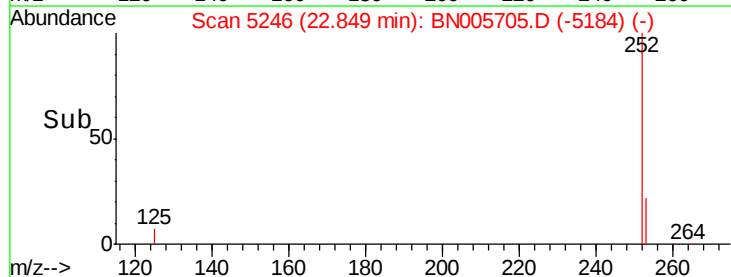
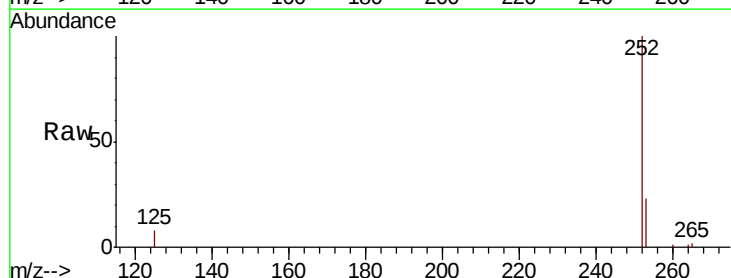
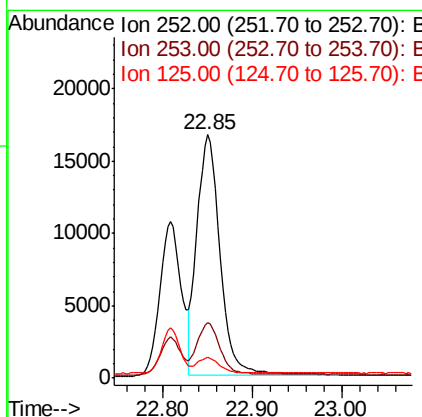
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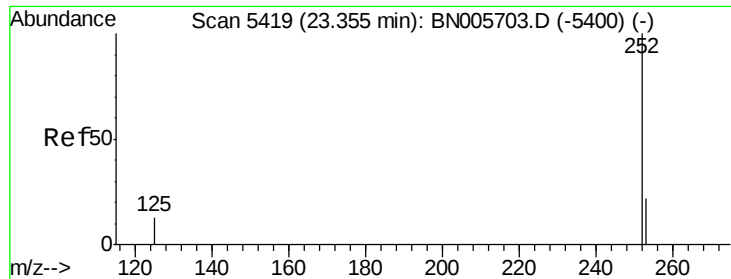
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#22
Benzo(k)fluoranthene
Concen: 1.003 ng/ul
RT: 22.85 min Scan# 5246
Delta R.T. 0.03 min
Lab File: BN005705.D
Acq: 16 May 2019 13:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	29530		
253	23.0	18.8	28.2	
125	8.5	7.6	11.4	





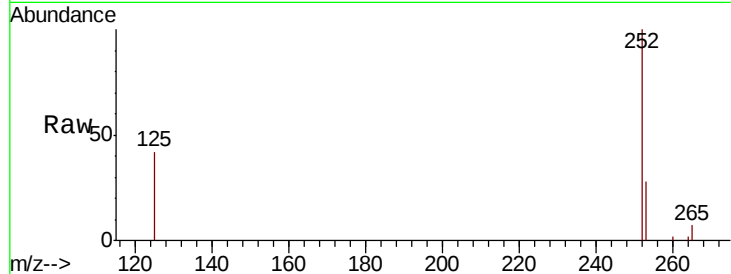
#23
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.38 min Scan# 5426
Delta R.T. 0.04 min
Lab File: BN005705.D
Acq: 16 May 2019 13:04

Instrument :
BNA_N
ClientSampleId :
A5116

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.6	29.4
125	41.7	10.1	15.1

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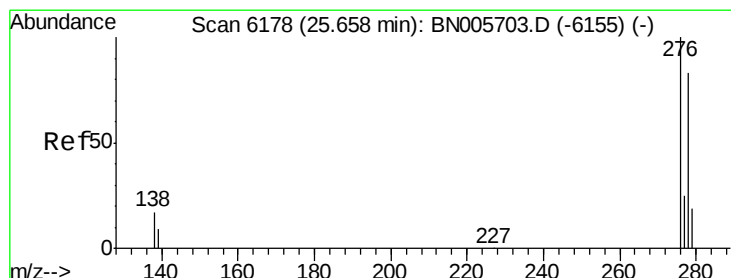
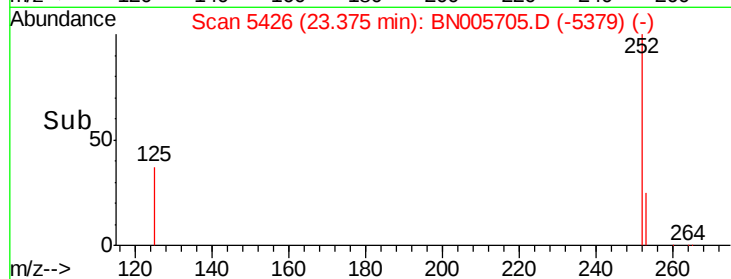
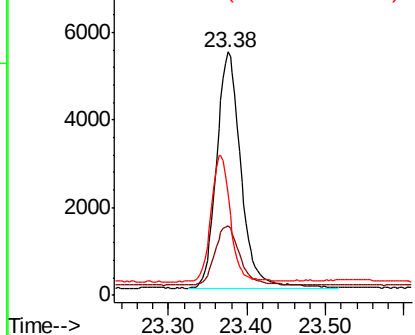


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#25
Dibenzo(a,h)anthracene
Concen: 0.632 ng/ul
RT: 25.68 min Scan# 6185
Delta R.T. 0.04 min
Lab File: BN005705.D
Acq: 16 May 2019 13:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.4	18.6
279	26.1	21.0	31.4

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

