

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002609.D
 Acq On : 06 Sep 2018 10:15
 Operator : JU/SJ
 Sample : J4688-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY8

Manual Integrations
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Quant Time: Sep 06 13:22:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 06:54:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	210693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	942398	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	543263	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1186744	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	847040	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	770855	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12728	2.85	ng/uL	0.00
5) Phenol-d5	6.85	99	305597	15.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	203142	16.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	251198	17.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	256826	16.63	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	131000	17.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	138773	17.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	245484	16.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	217150	13.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	847918	18.83	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1063310	19.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	14196m	1.67	ng/ul	0.04
57) Fluorene-d10	15.29	176	751183	19.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	9979	1.32	ng/ul	0.00
70) Anthracene-d10	17.15	188	1117671	19.71	ng/ul	0.00
78) Pyrene-d10	19.45	212	1027856	25.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	817367	20.28	ng/ul	0.00

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.10	142	46223	1.292	ng/ul	97
44) Dimethylphthalate	13.75	163	254311	5.758	ng/ul	99
47) Acenaphthylene	14.02	152	62250	1.183	ng/ul#	96
49) Acenaphthene	14.36	153	222653	6.001	ng/ul	99
58) Fluorene	15.35	166	184814	4.315	ng/ul	99
69) Phenanthrene	17.09	178	3568935	54.552	ng/ul	99
71) Anthracene	17.17	178	735978	11.092	ng/ul	99
74) Carbazole	17.46	167	145282	2.469	ng/ul	97
76) Fluoranthene	19.12	202	5209111	69.958	ng/ul	97
79) Pyrene	19.48	202	7407746	145.039	ng/ul	95
82) Benzo(a)anthracene	21.23	228	2600857	50.120	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	166403	5.126	ng/ul#	96
84) Chrysene	21.29	228	2865695	58.347	ng/ul	99
87) Benzo(b)fluoranthene	22.82	252	2946661	63.771	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	961064m	22.078	ng/ul	
90) Benzo(a)pyrene	23.38	252	2398996	54.502	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	1526012	29.142	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.69	278	411721	9.405	ng/ul#	94
93) Benzo(g,h,i)perylene	26.37	276	1510999	34.583	ng/ul	98

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

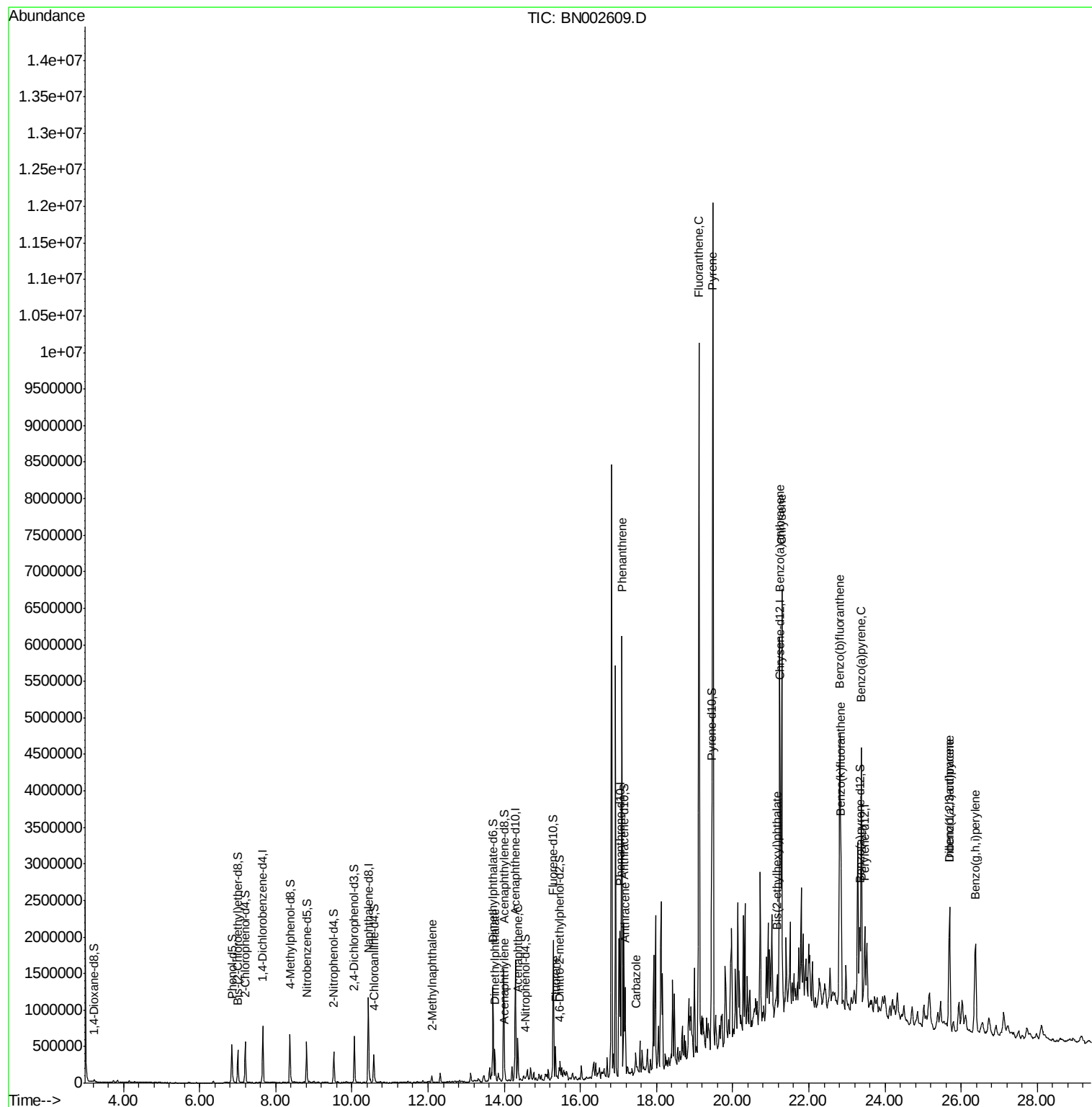
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002609.D
Acq On : 06 Sep 2018 10:15
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Sample : J4688-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

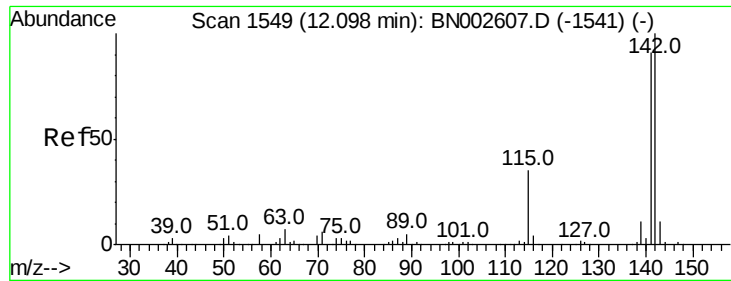
Instrument :
BNA_N
ClientSampleId :
A3YY8

Quant Time: Sep 06 13:22:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

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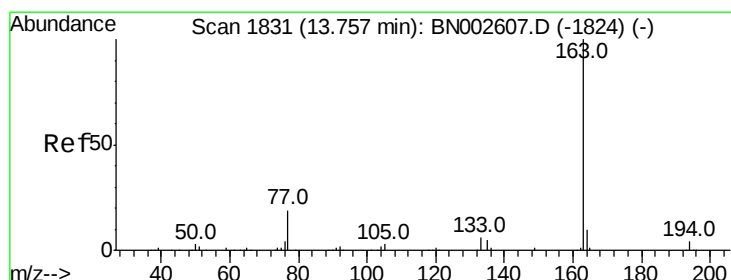
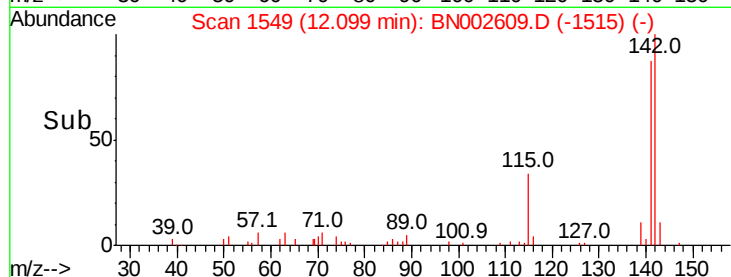
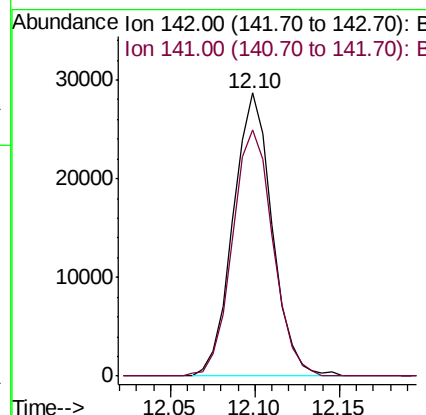
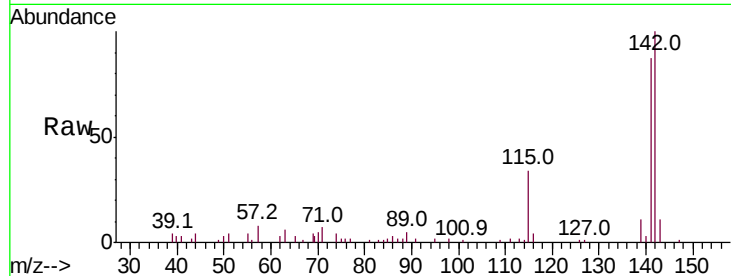
#34
2-Methylnaphthalene
Concen: 1.292 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Instrument :
BNA_N
ClientSampleId :
A3YY8

Tot Ion:142 Resp: 46223
Ion Ratio Lower Upper
142 100
141 86.8 71.6 107.4

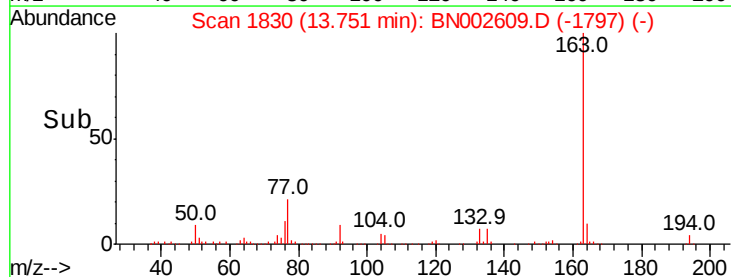
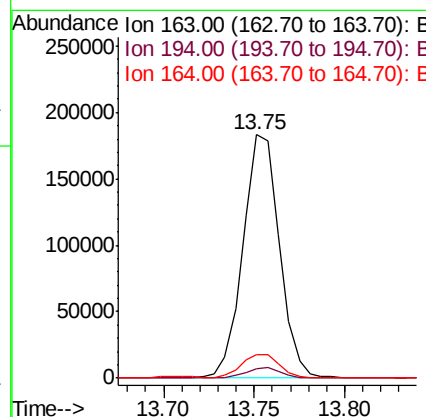
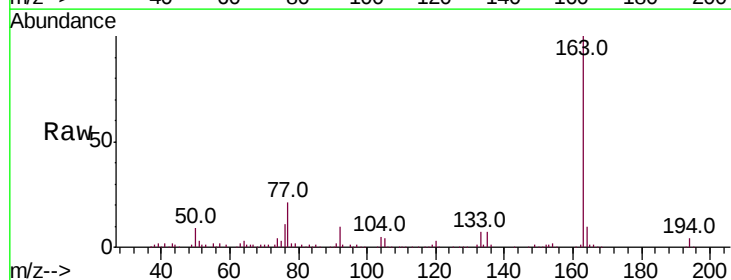
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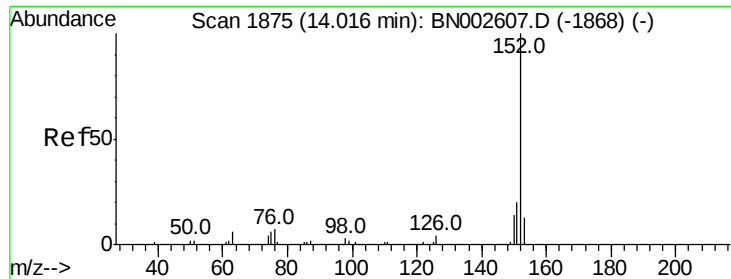
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#44
Dimethylphthalate
Concen: 5.758 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Tgt Ion:163 Resp: 254311
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.6 7.8 11.8





#47

Acenaphthylene

Concen: 1.183 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Instrument :

BNA_N

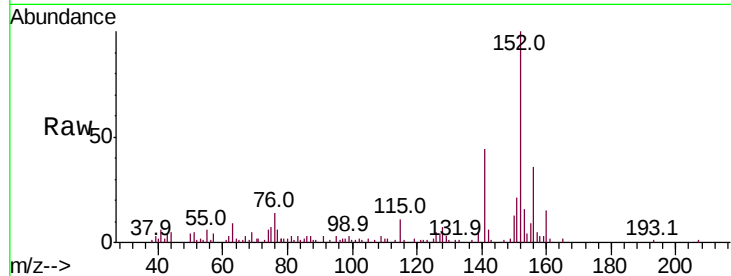
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A3YY8

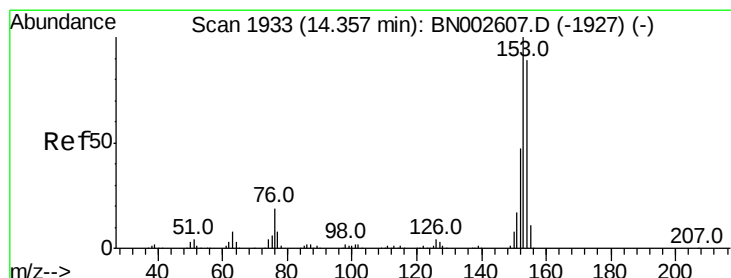
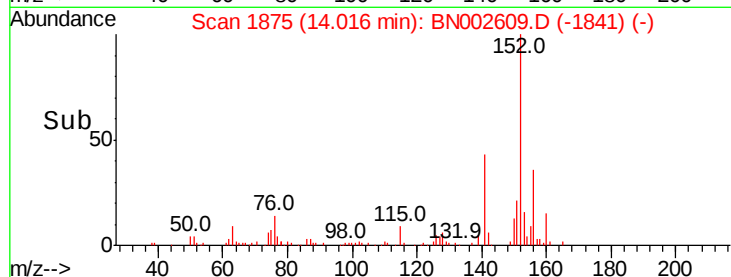
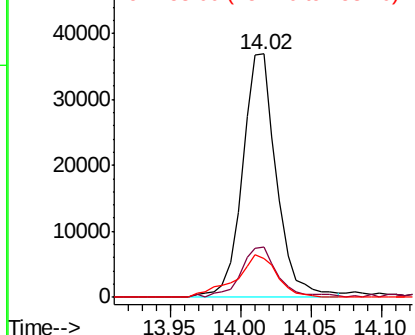
Tot Ion:	152	Resp:	62250
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.7	23.5
153	15.9	10.5	15.7#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 6.001 ng/ul

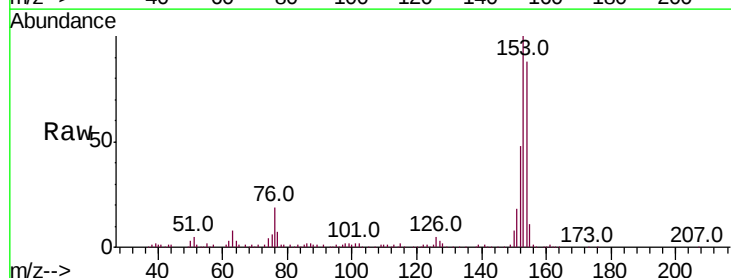
RT: 14.36 min Scan# 1933

Delta R.T. -0.00 min

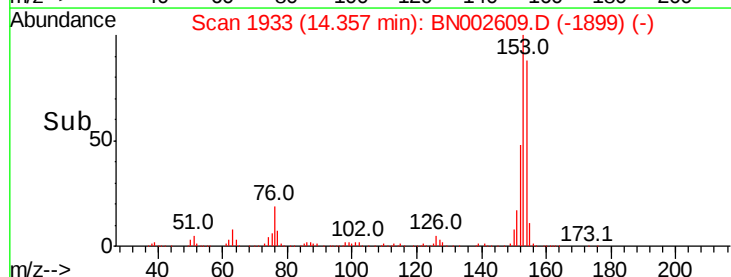
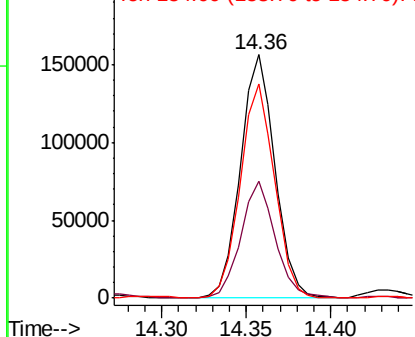
Lab File: BN002609.D

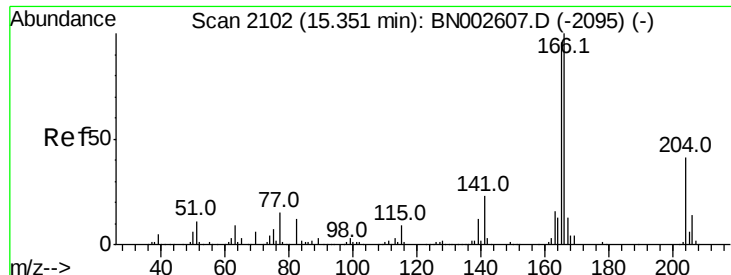
Acq: 06 Sep 2018 10:15

Tgt Ion:	153	Resp:	222653
Ion Ratio	Lower	Upper	
153	100		
152	48.0	38.3	57.5
154	88.0	71.8	107.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





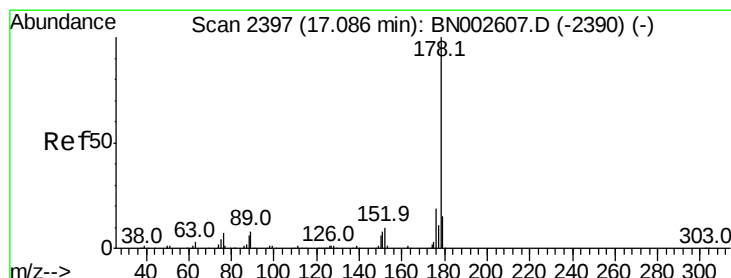
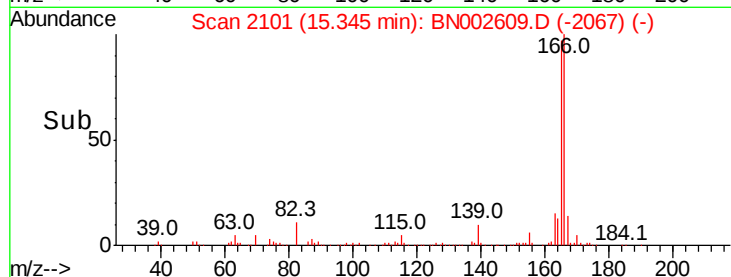
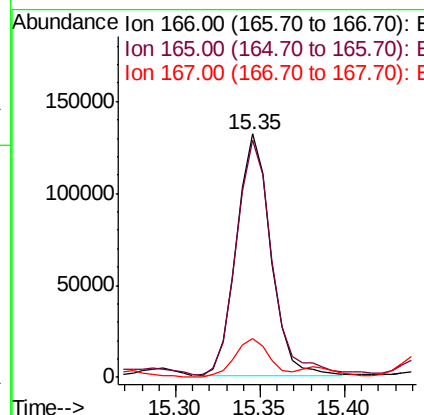
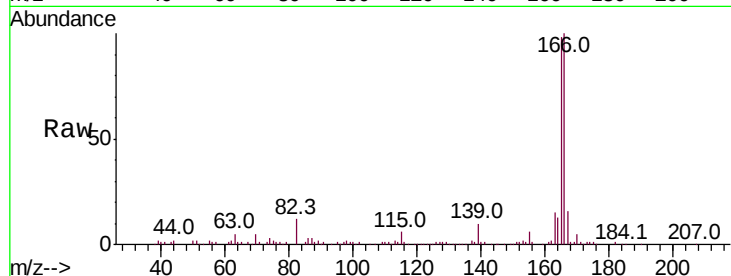
#58
 Fluorene
 Concen: 4.315 ng/ul
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BN002609.D
 Acq: 06 Sep 2018 10:15

Instrument :
 BNA_N
 ClientSampleId :
 A3YY8

Tot Ion	Ratio	Resp	Lower	Upper
166	100	184814		
165	97.6	78.5	117.7	
167	15.7	10.7	16.1	

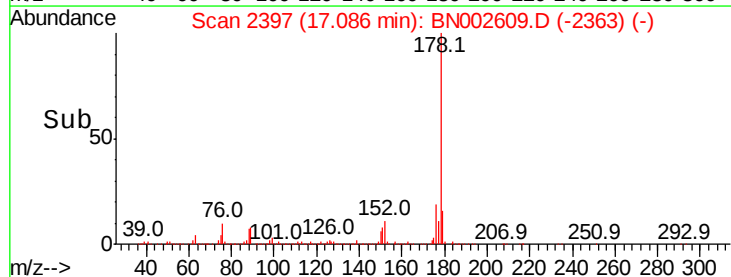
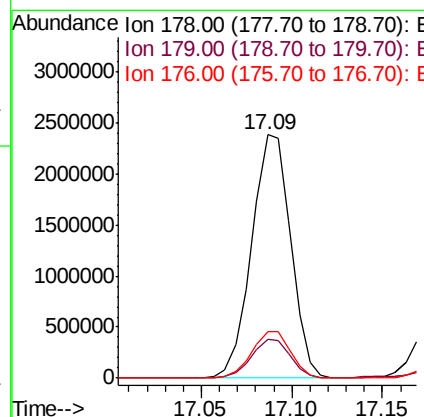
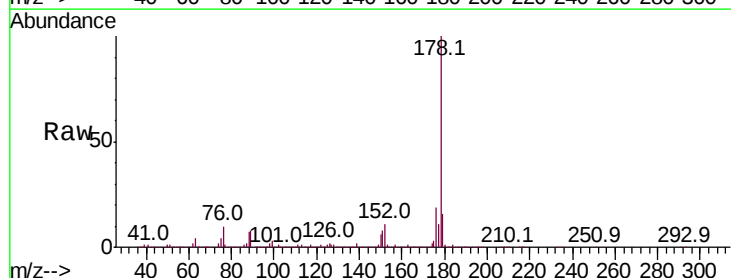
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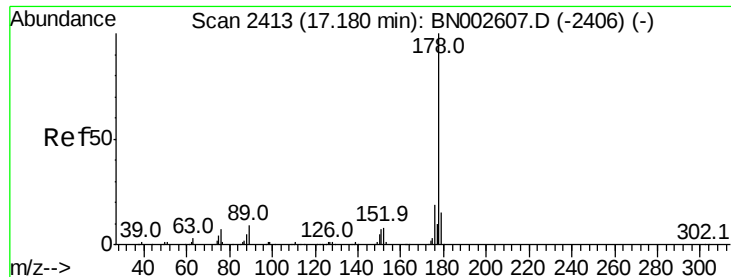
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#69
 Phenanthrene
 Concen: 54.552 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BN002609.D
 Acq: 06 Sep 2018 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3568935		
179	15.7	12.2	18.4	
176	19.3	15.6	23.4	





#71

Anthracene

Concen: 11.092 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Instrument :

BNA_N

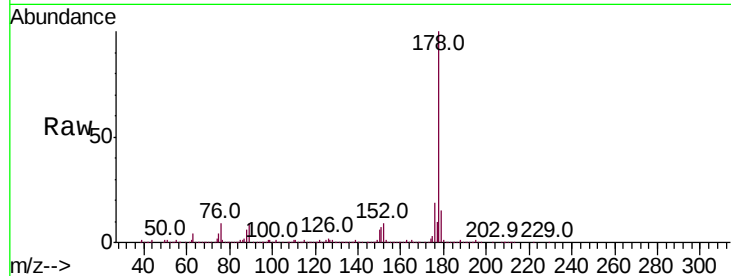
ClientSampleId :

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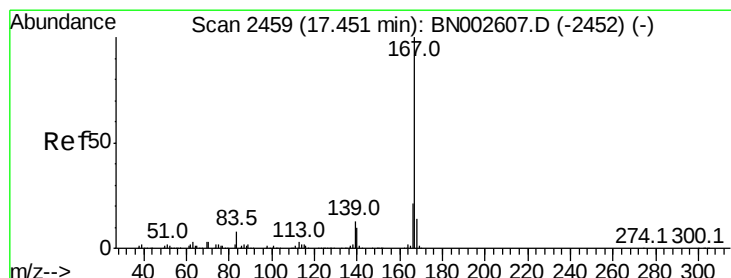
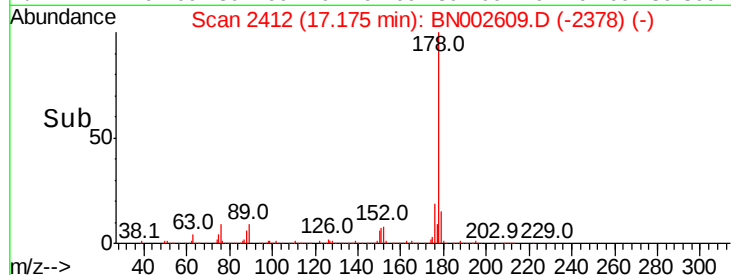
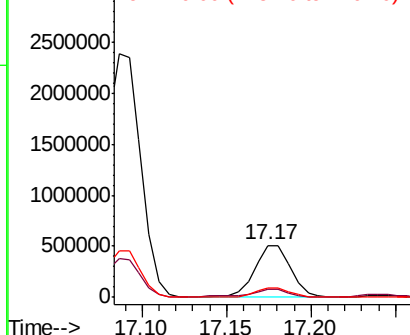
Tot Ion:	178	Resp:	735978
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	18.9	14.8	22.2

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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



#74

Carbazole

Concen: 2.469 ng/ul

RT: 17.46 min Scan# 2460

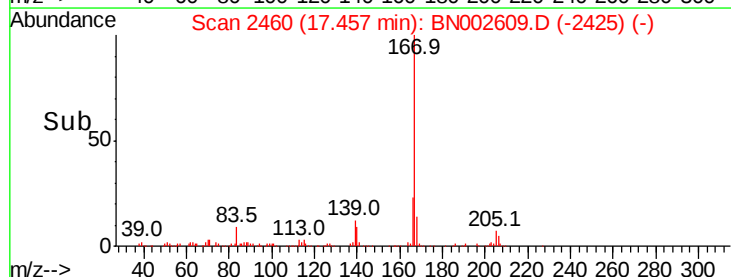
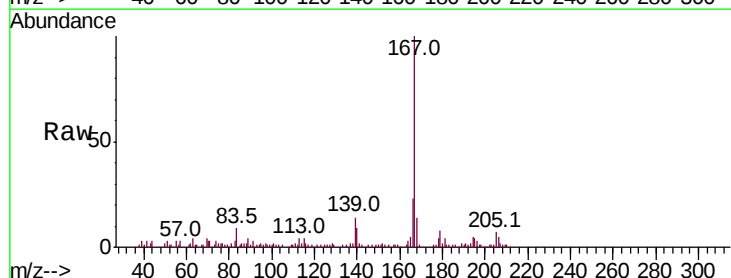
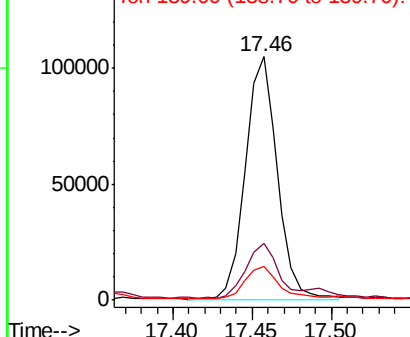
Delta R.T. 0.01 min

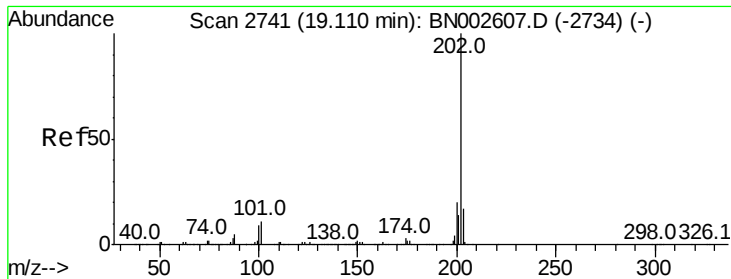
Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Tgt Ion:	167	Resp:	145282
Ion Ratio	Lower	Upper	
167	100		
166	23.3	17.0	25.6
139	13.7	11.0	16.4

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





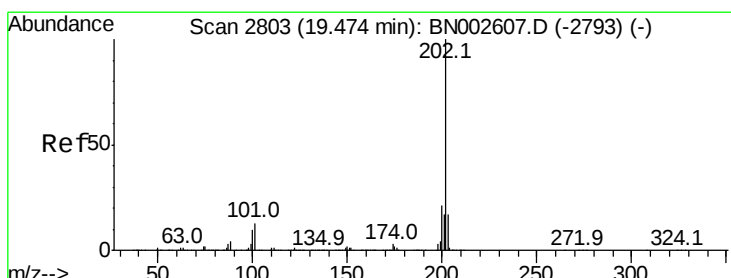
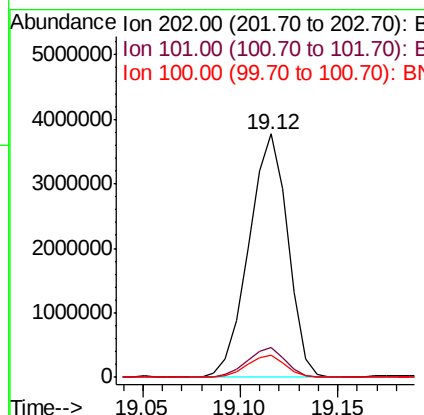
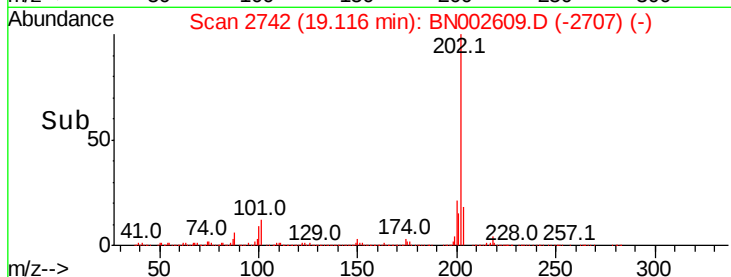
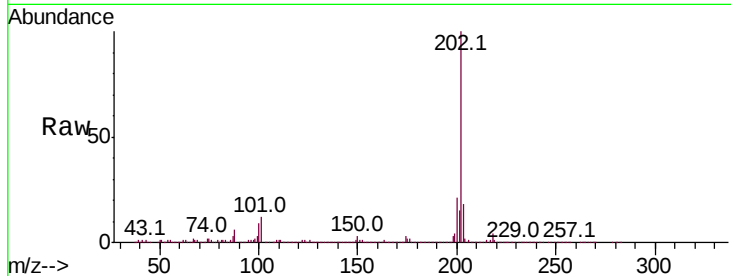
#76
Fluoranthene
Concen: 69.958 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. 0.01 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Instrument :
BNA_N
ClientSampleId :
A3YY8

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.8	13.2
100	9.2	6.6	9.8

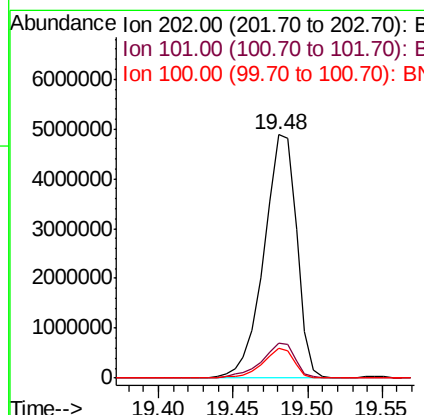
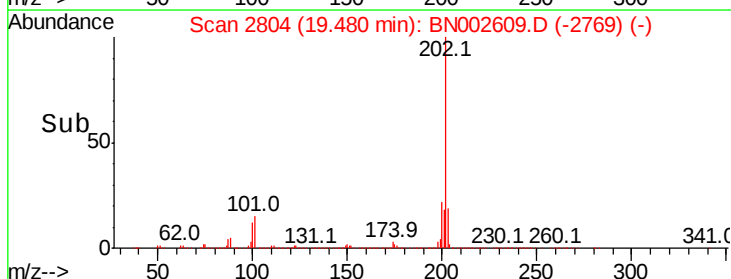
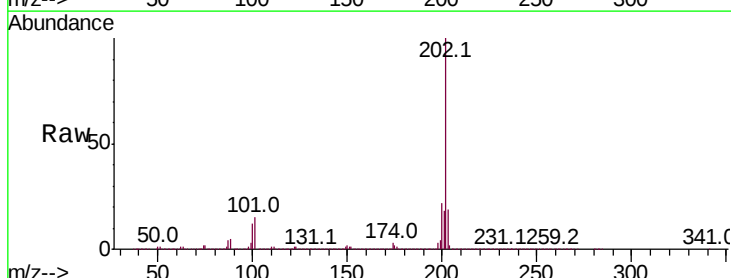
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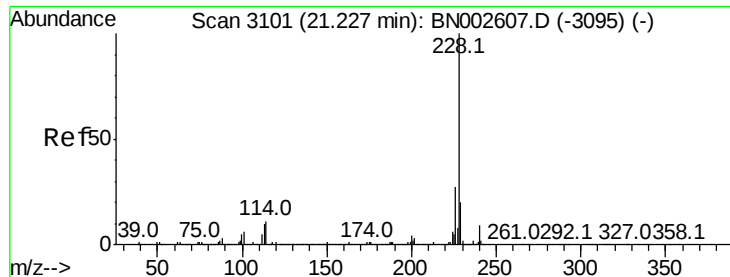
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#79
Pyrene
Concen: 145.039 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.2	15.2
100	12.1	8.5	12.7





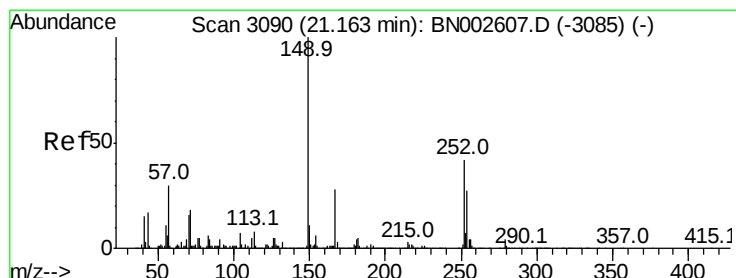
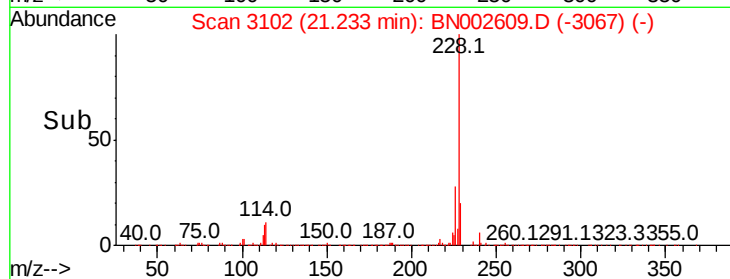
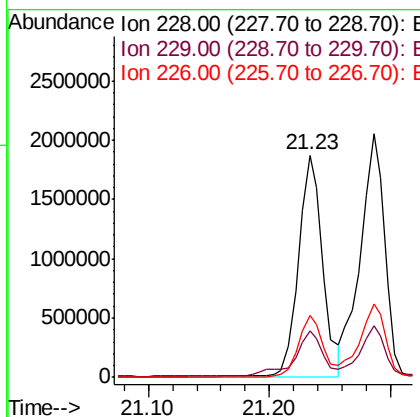
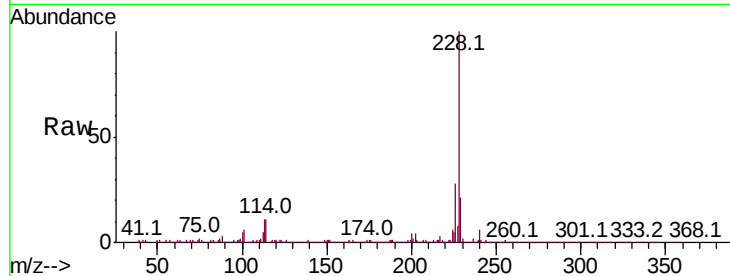
#82
Benzo(a)anthracene
Concen: 50.120 ng/u1
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Instrument :
BNA_N
ClientSampled :
A3YY8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	28.1	21.8	32.6

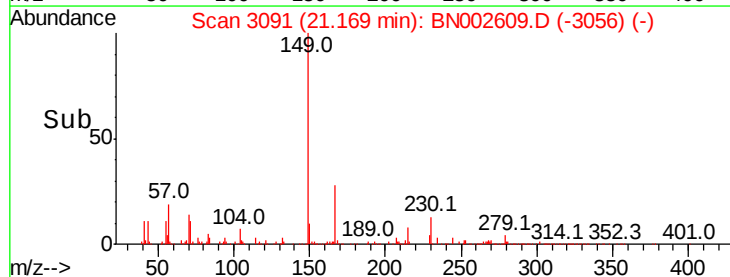
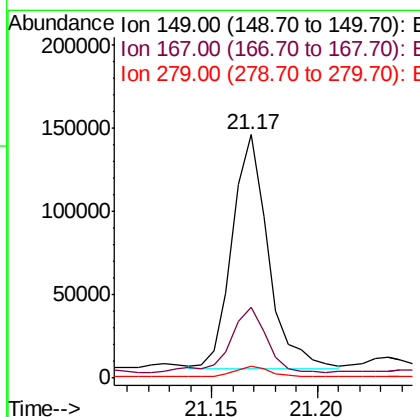
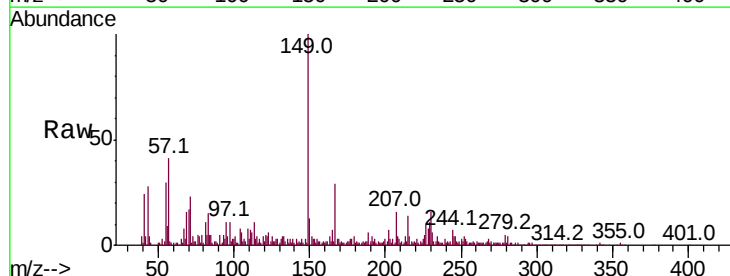
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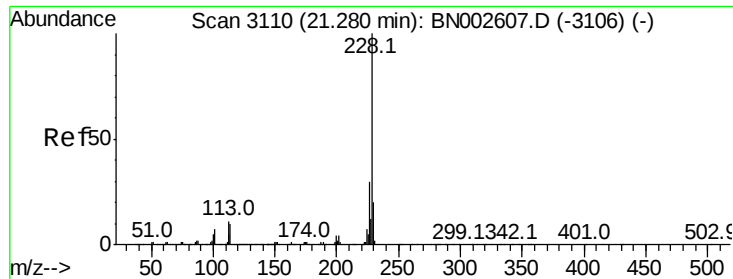
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#83
Bis(2-ethylhexyl)phthalate
Concen: 5.126 ng/u1
RT: 21.17 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	21.6	32.4
279	4.8	3.0	4.4#





#84

Chrysene

Concen: 58.347 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Instrument :

BNA_N

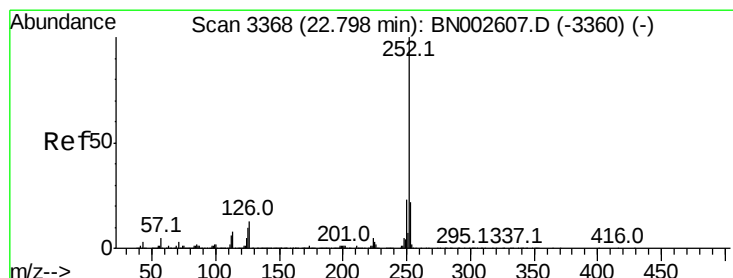
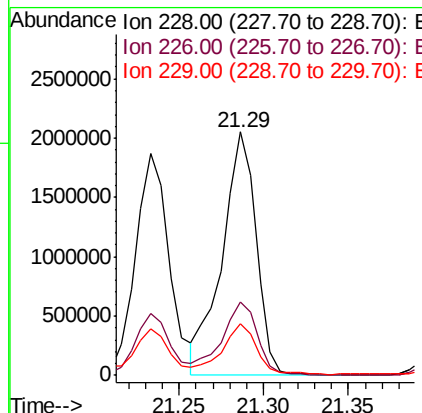
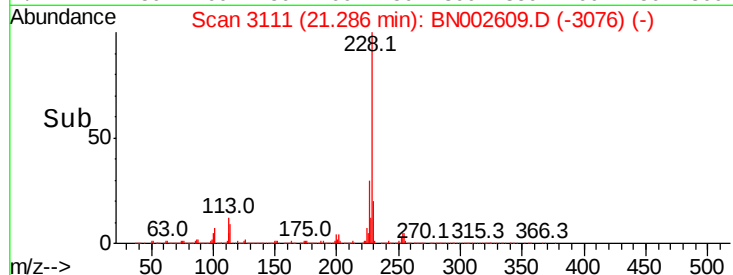
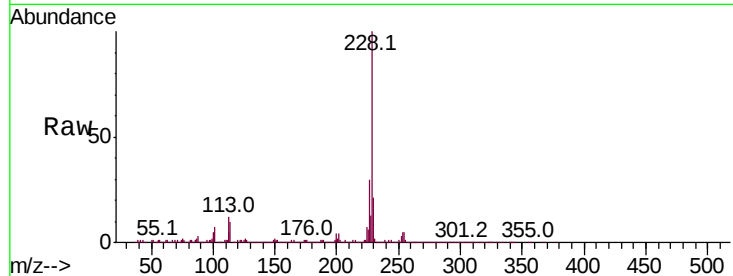
ClientSampled :

A3YY8

Tot Ion:	228	Resp:	2865695
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	21.1	15.6	23.4

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#87

Benzo(b)fluoranthene

Concen: 63.771 ng/ul

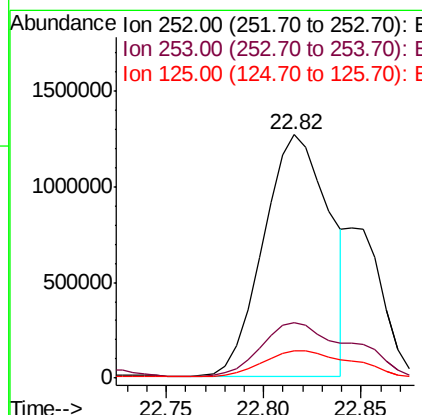
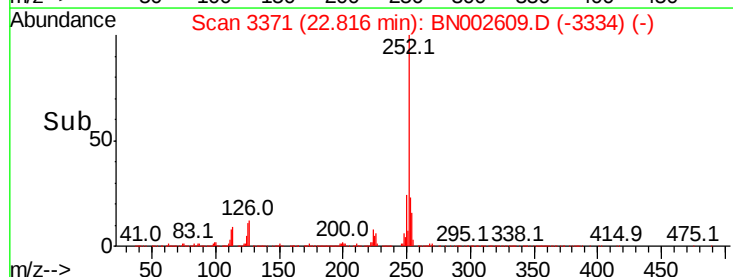
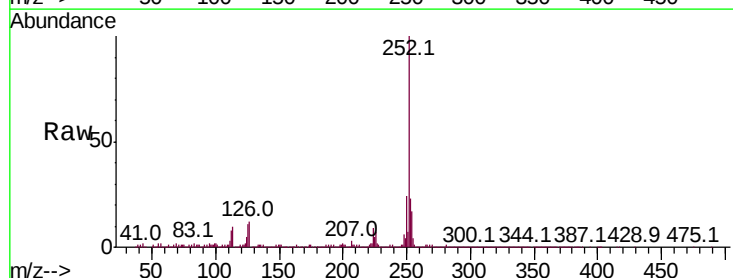
RT: 22.82 min Scan# 3371

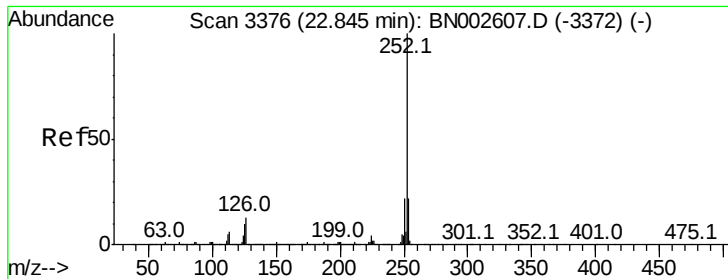
Delta R.T. 0.02 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Tgt Ion:	252	Resp:	2946661
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	11.4	8.5	12.7





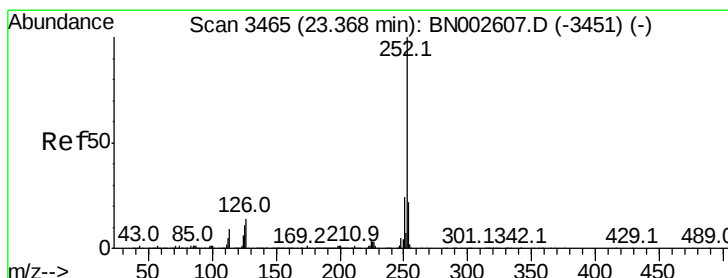
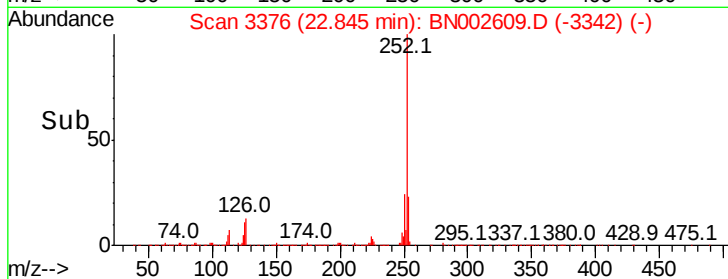
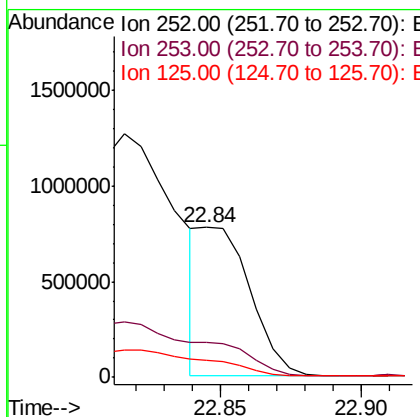
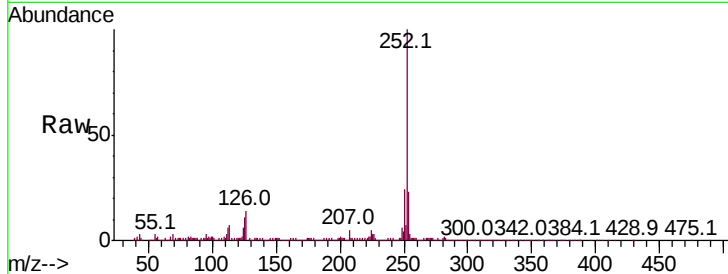
#88
Benzo(k)fluoranthene
Concen: 22.078 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Instrument :
BNA_N
ClientSampleId :
A3YY8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.4	8.2	12.2

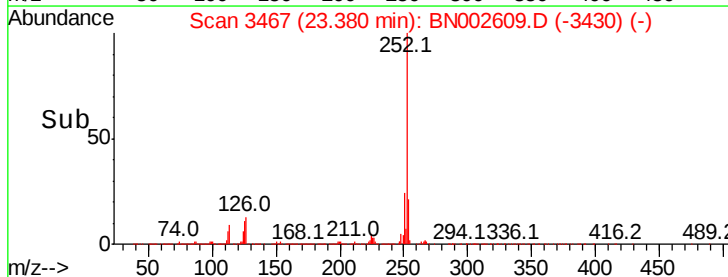
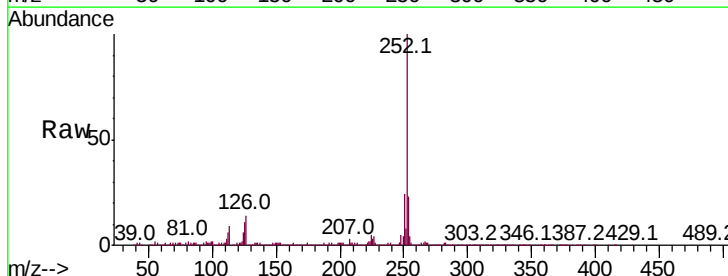
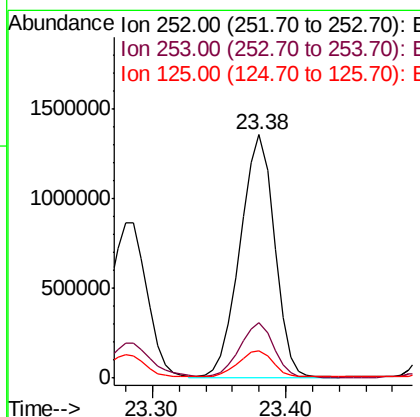
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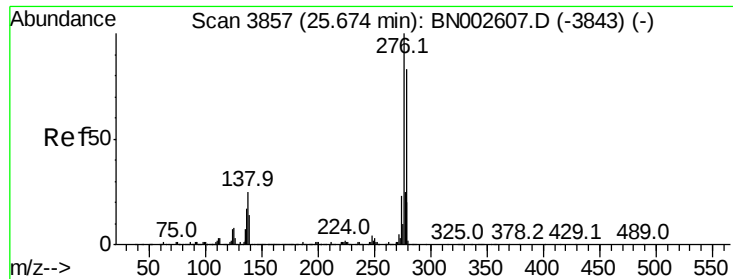
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#90
Benzo(a)pyrene
Concen: 54.502 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. 0.02 min
Lab File: BN002609.D
Acq: 06 Sep 2018 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.4	9.0	13.6





#91

Indeno(1,2,3-cd)pyrene

Concen: 29.142 ng/ul

RT: 25.70 min Scan# 3861

Delta R.T. 0.02 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Instrument :

BNA_N

ClientSampleId :

A3YY8

Tot Ion:276 Resp: 1526012

Ion Ratio Lower Upper

276 100

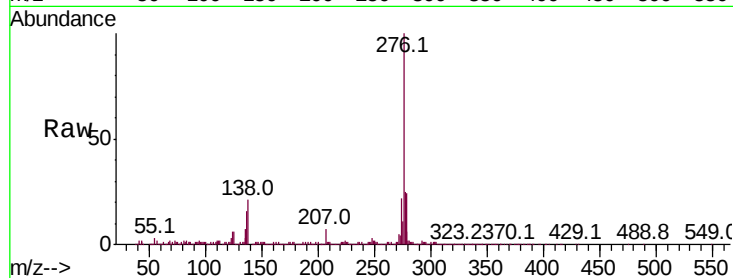
138 21.1 22.3 33.5#

277 24.9 20.2 30.2

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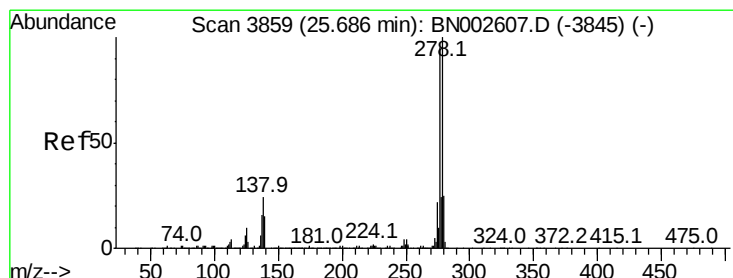
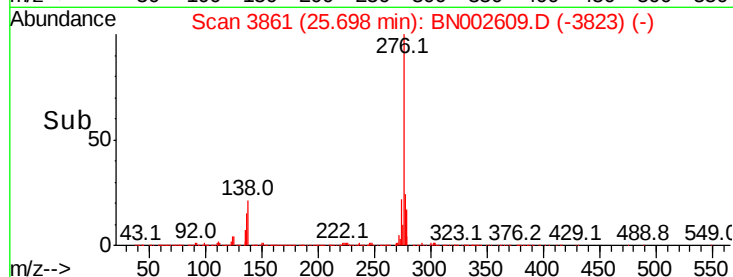
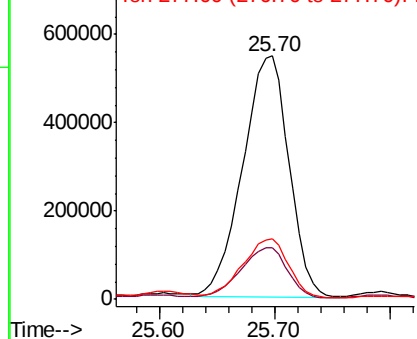
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 9.405 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. 0.01 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

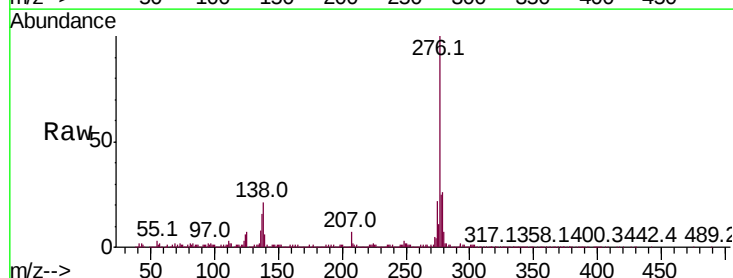
Tgt Ion:278 Resp: 411721

Ion Ratio Lower Upper

278 100

139 22.2 13.9 20.9#

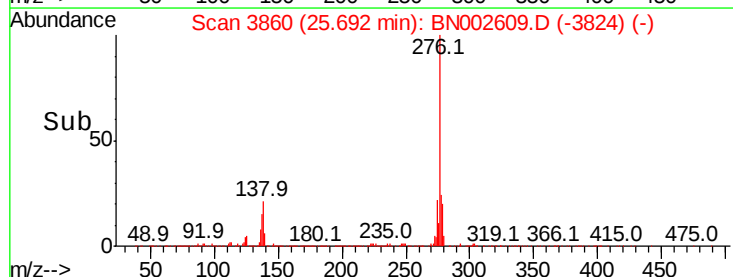
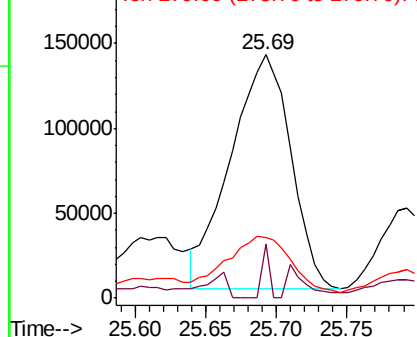
279 24.8 19.0 28.4

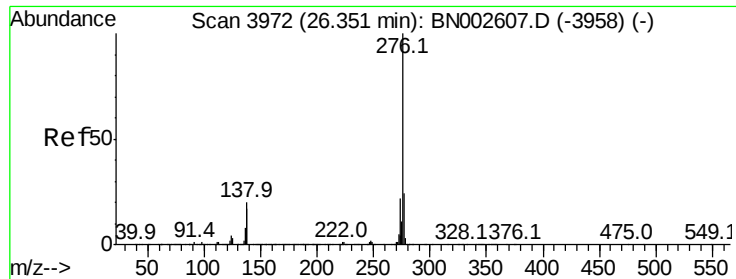


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 34.583 ng/ul

RT: 26.37 min Scan# 3976

Delta R.T. 0.03 min

Lab File: BN002609.D

Acq: 06 Sep 2018 10:15

Instrument :

BNA_N

ClientSampleId :

A3YY8

Tot Ion: 276 Resp: 1510999

Ion Ratio Lower Upper

276 100

138 21.5 18.9 28.3

277 23.8 19.2 28.8

Manual Integrations

APPROVED

Sohil

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