

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082918\
 Data File : BN002548.D
 Acq On : 29 Aug 2018 16:47
 Operator : JU/SJ
 Sample : J4596-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z33

Manual Integrations
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Sohil
 8/30/2018 10:48:13 AM

Quant Time: Aug 29 17:53:16 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 04:34:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	154218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	725621	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	440870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1010371	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1086657	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1101075	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9555	2.92	ng/uL	0.00
5) Phenol-d5	6.85	99	213203	15.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	144939	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	175106	16.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	175568	15.53	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	85723	14.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	93696	15.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	179855	16.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	229989	19.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	642954	17.59	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	778365	17.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	82887	12.00	ng/ul	0.00
57) Fluorene-d10	15.29	176	573082	18.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	74240	11.54	ng/ul	0.00
70) Anthracene-d10	17.15	188	883570	18.31	ng/ul	0.00
78) Pyrene-d10	19.45	212	1034211	19.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1110812	19.29	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.49	128	127253	3.409 ng/ul	99
34) 2-Methylnaphthalene	12.10	142	49189	1.785 ng/ul	98
44) Dimethylphthalate	13.76	163	248059	6.921 ng/ul	99
49) Acenaphthene	14.36	153	49584	1.647 ng/ul	99
53) Dibenzofuran	14.70	168	87766	2.066 ng/ul	99
58) Fluorene	15.35	166	107659	3.098 ng/ul	99
69) Phenanthrene	17.09	178	1057881	18.993 ng/ul	99
71) Anthracene	17.18	178	181306	3.209 ng/ul	98
74) Carbazole	17.46	167	93596	1.868 ng/ul	99
76) Fluoranthene	19.11	202	961722	15.170 ng/ul	100
79) Pyrene	19.47	202	866203	13.220 ng/ul	99
82) Benzo(a)anthracene	21.23	228	364853	5.481 ng/ul	99
84) Chrysene	21.28	228	366104m	5.810 ng/ul	
87) Benzo(b)fluoranthene	22.80	252	444686	6.738 ng/ul	97
88) Benzo(k)fluoranthene	22.85	252	146486m	2.356 ng/ul	
90) Benzo(a)pyrene	23.37	252	329142	5.235 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.67	276	173702	2.322 ng/ul#	93
93) Benzo(g,h,i)perylene	26.35	276	160267	2.568 ng/ul	98

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

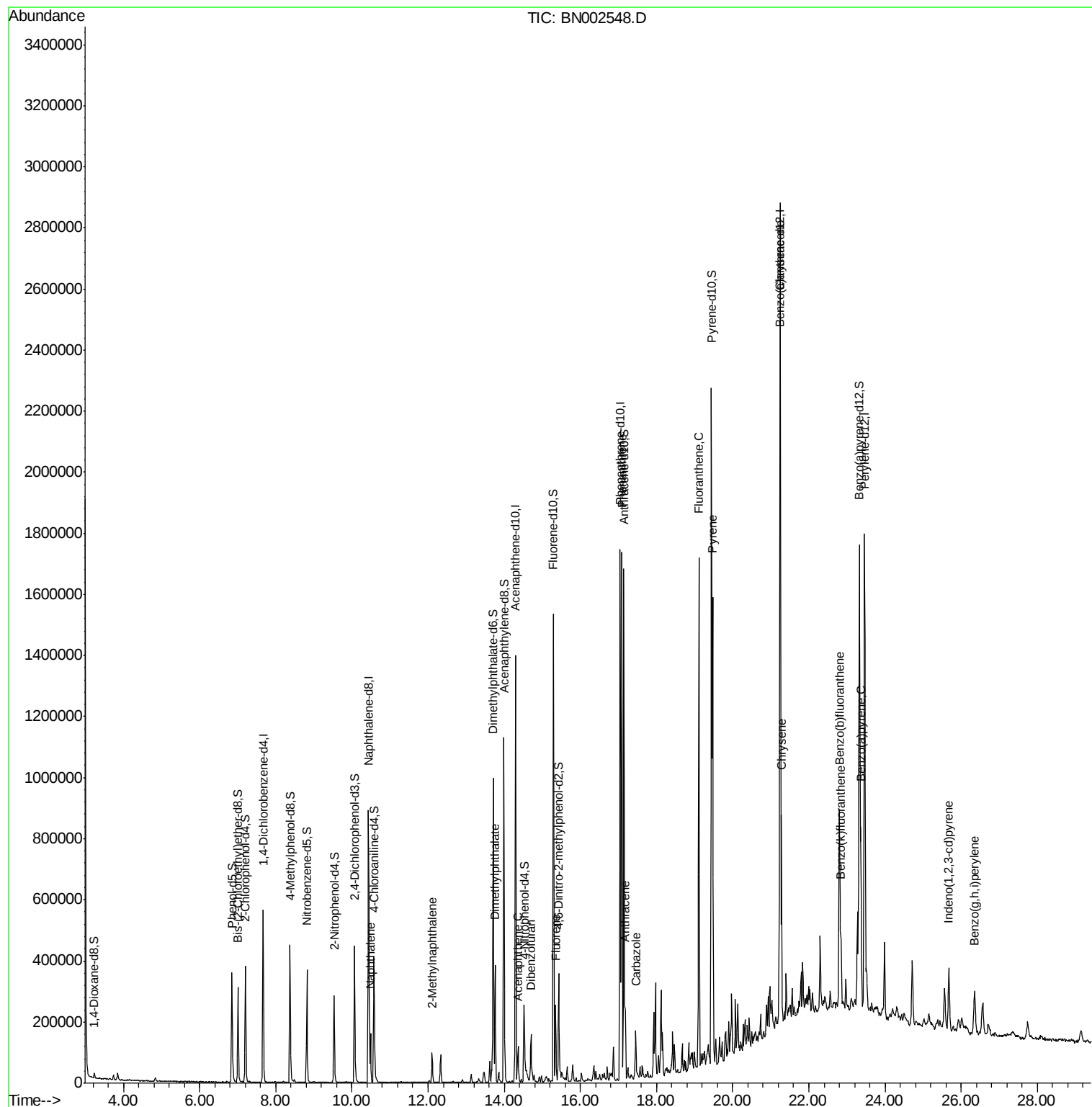
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082918\
Data File : BN002548.D
Acq On : 29 Aug 2018 16:47
Operator : JU/SJ
Sample : J4596-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

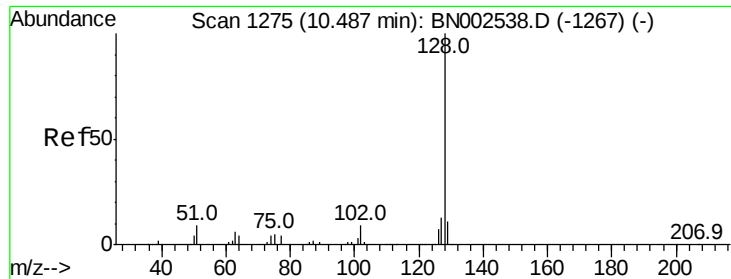
Instrument :
BNA_N
ClientSampleId :
A3Z33

Quant Time: Aug 29 17:53:16 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration

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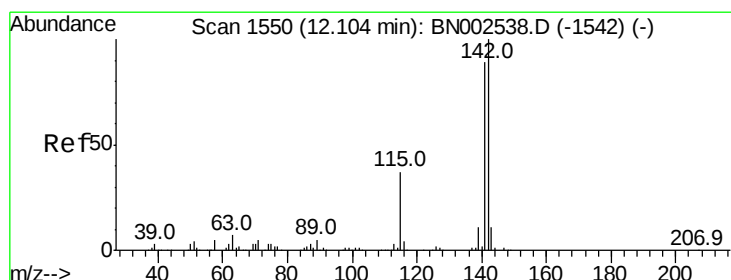
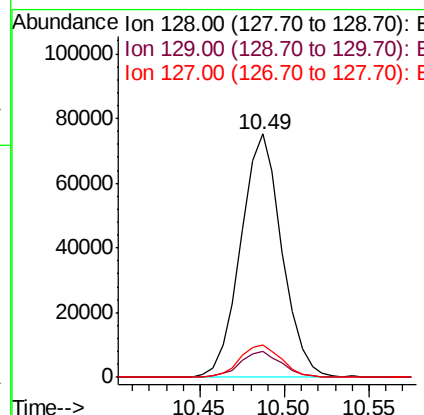
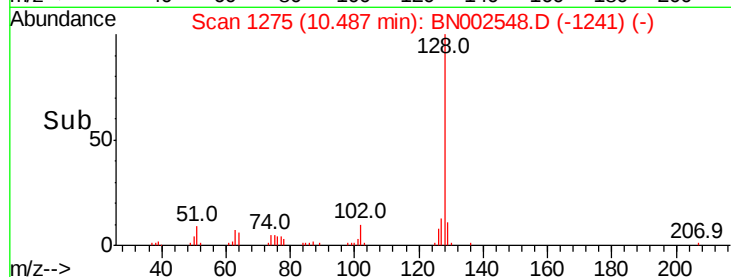
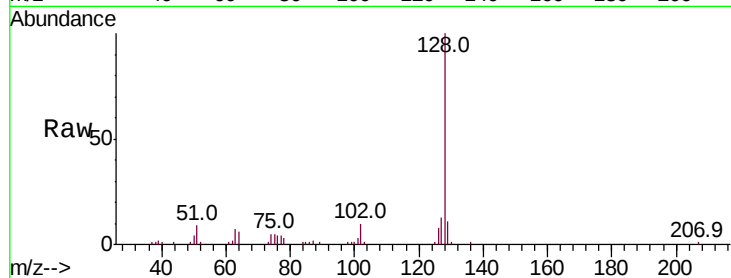
#28
Naphthalene
Concen: 3.409 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN002548.D
Acq: 29 Aug 2018 16:47

Instrument :
BNA_N
ClientSampled :
A3Z33

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.5	15.7

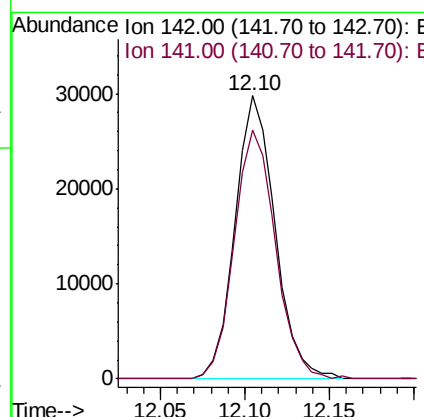
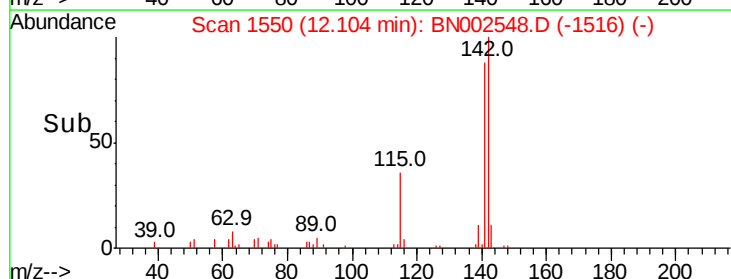
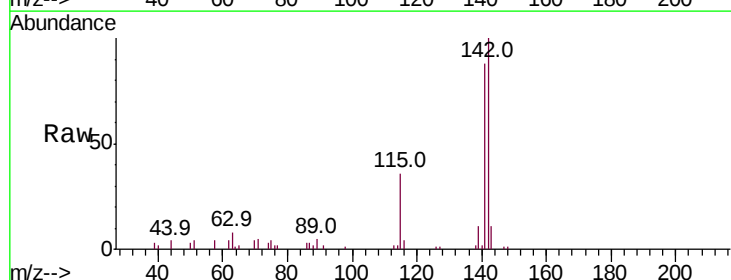
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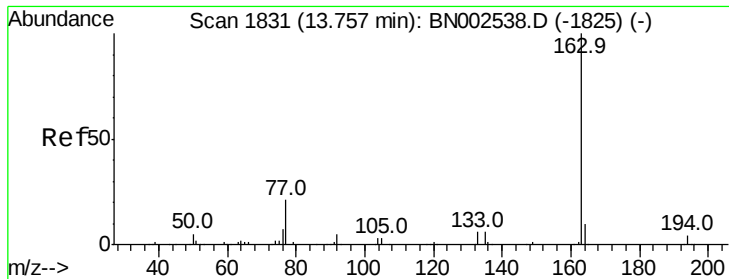
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#34
2-Methylnaphthalene
Concen: 1.785 ng/ul
RT: 12.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BN002548.D
Acq: 29 Aug 2018 16:47

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	87.7	71.6	107.4





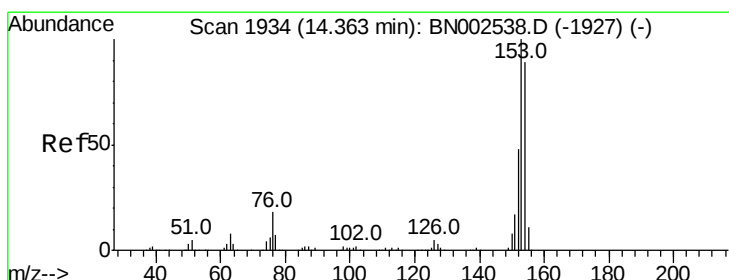
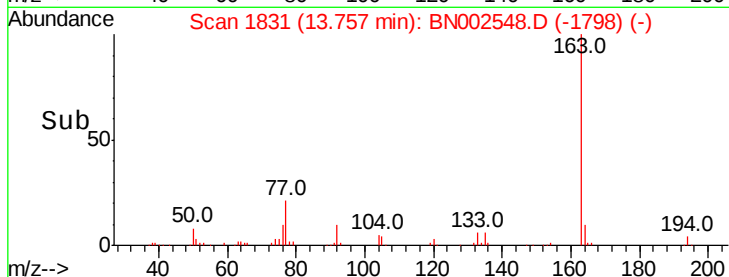
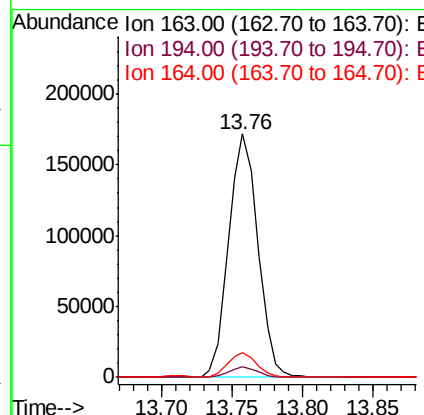
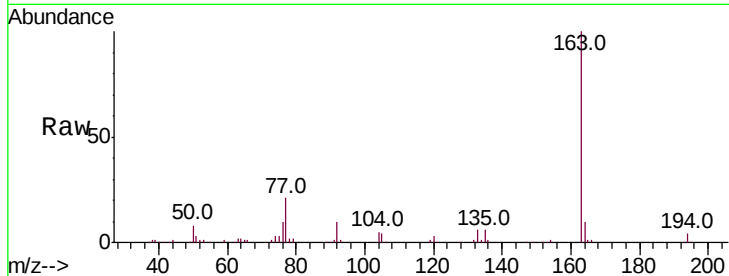
#44
Dimethylphthalate
Concen: 6.921 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BN002548.D
Acq: 29 Aug 2018 16:47

Instrument :
BNA_N
ClientSampleId :
A3Z33

Tot Ion	Ratio	Resp	Lower	Upper
163	100	248059		
194	4.1	3.2	4.8	
164	10.3	7.8	11.8	

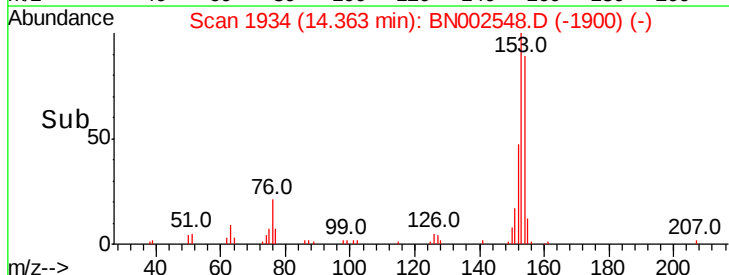
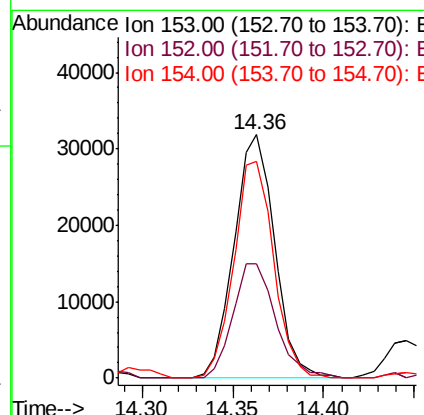
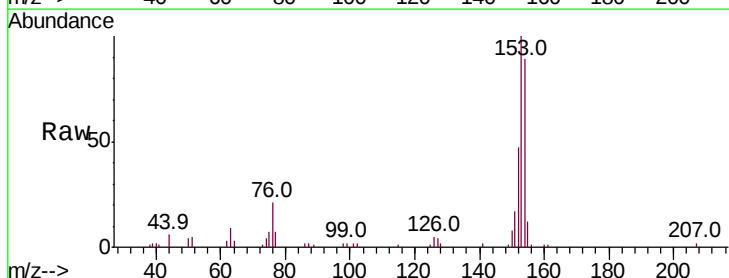
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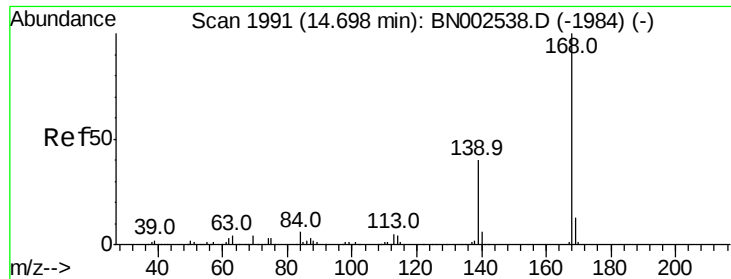
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#49
Acenaphthene
Concen: 1.647 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BN002548.D
Acq: 29 Aug 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	49584		
152	46.9	38.3	57.5	
154	88.8	71.8	107.8	





#53

Dibenzofuran

Concen: 2.066 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Instrument :

BNA_N

ClientSampleId :

A3Z33

Tot Ion:168 Resp: 87766

Ion Ratio Lower Upper

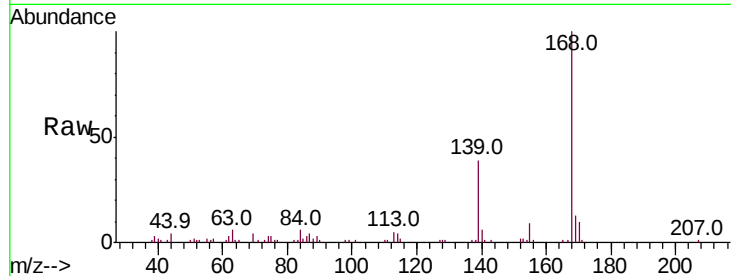
168 100

139 39.4 32.2 48.2

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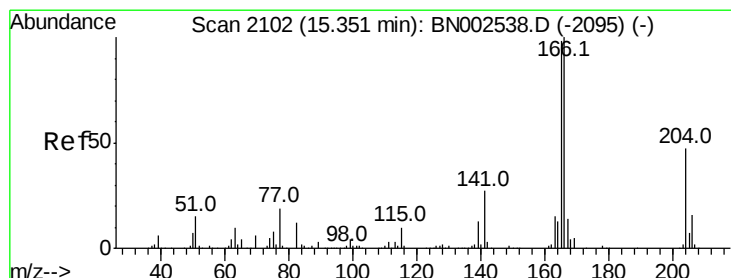
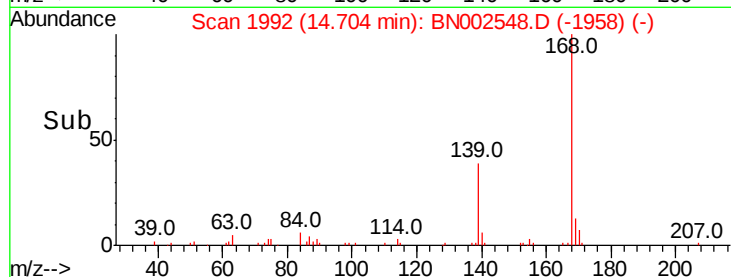
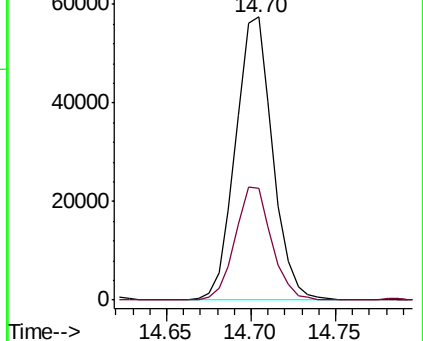
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 3.098 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

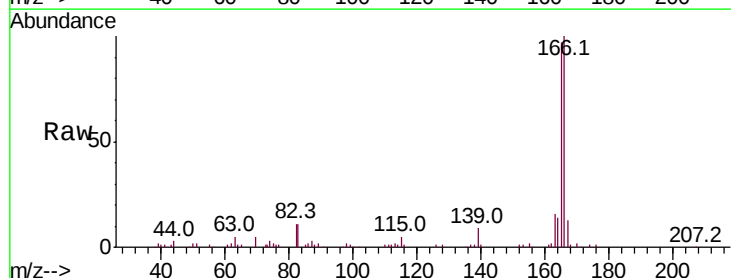
Tgt Ion:166 Resp: 107659

Ion Ratio Lower Upper

166 100

165 97.2 78.5 117.7

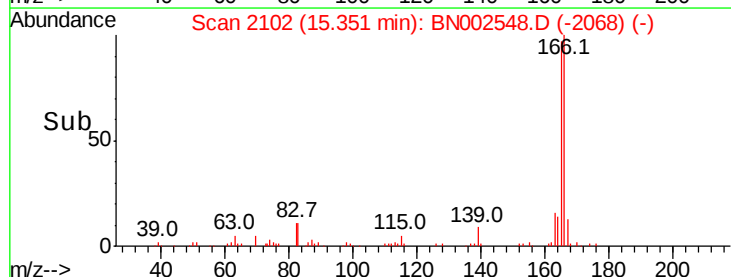
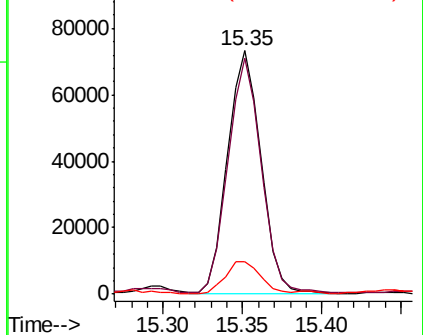
167 13.2 10.7 16.1

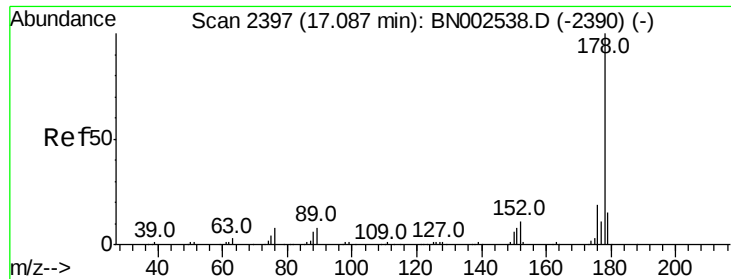


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 18.993 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Instrument :

BNA_N

ClientSampled :

A3Z33

Tot Ion:178 Resp: 1057881

Ion Ratio Lower Upper

178 100

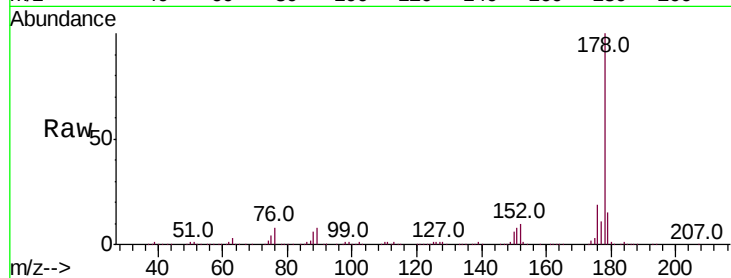
179 15.1 12.2 18.4

176 18.7 15.6 23.4

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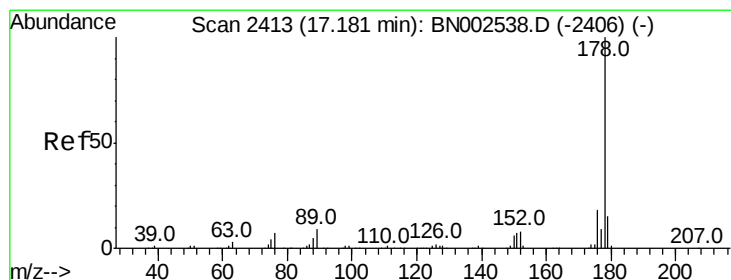
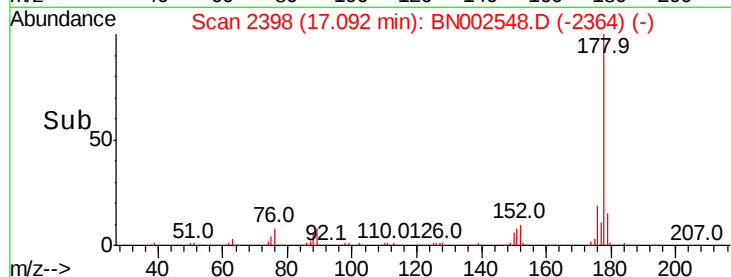
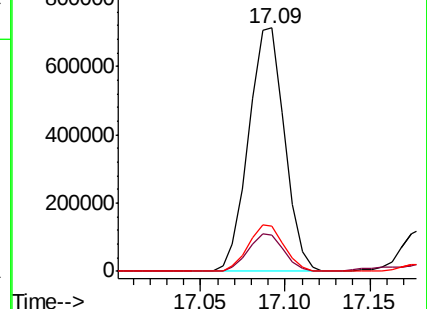
8/30/2018 10:48:13 AM



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



#71

Anthracene

Concen: 3.209 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

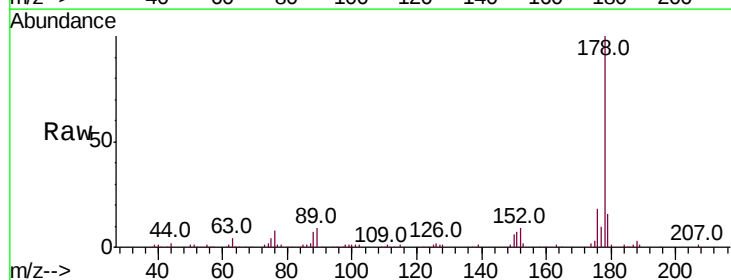
Tgt Ion:178 Resp: 181306

Ion Ratio Lower Upper

178 100

179 16.3 12.1 18.1

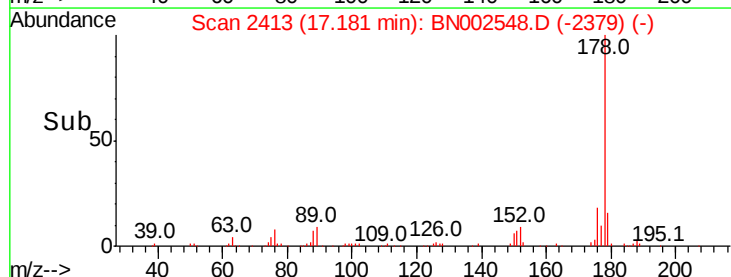
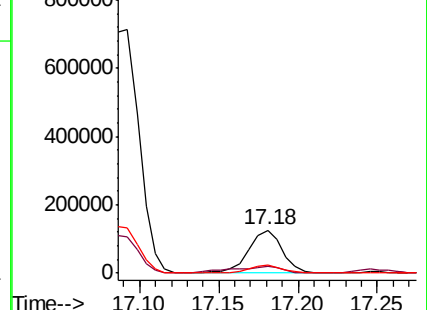
176 18.1 14.8 22.2

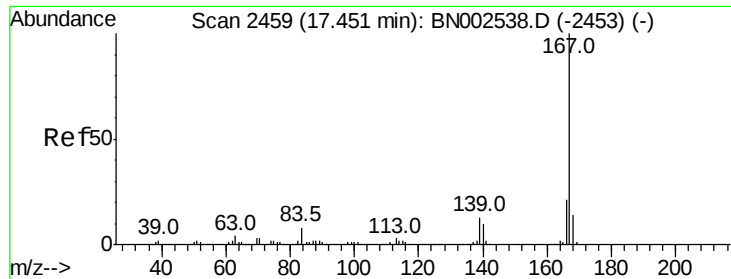


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 1.868 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Instrument :

BNA_N

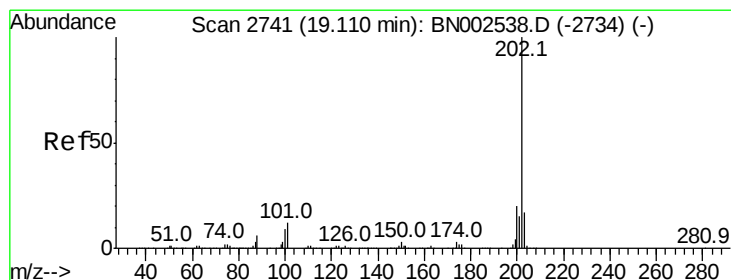
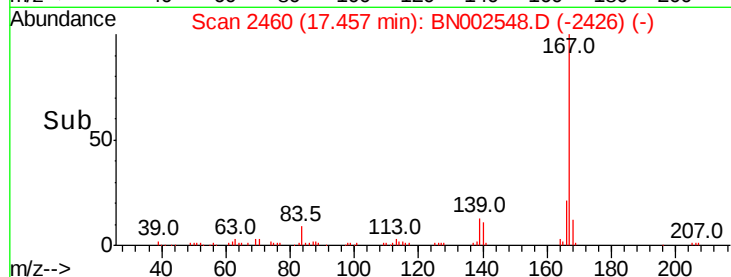
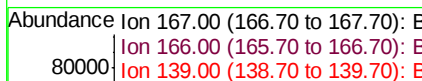
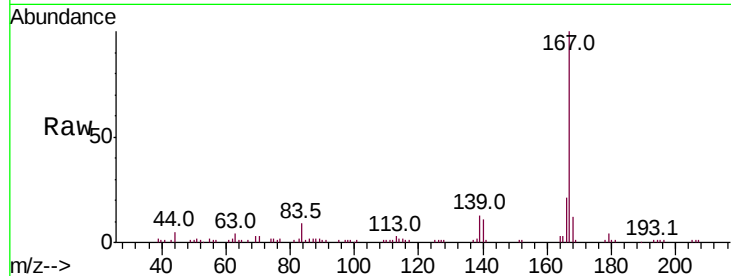
ClientSampleId :

A3Z33

Tot Ion:	167	Resp:	93596
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.0	25.6
139	13.0	11.0	16.4

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#76

Fluoranthene

Concen: 15.170 ng/ul

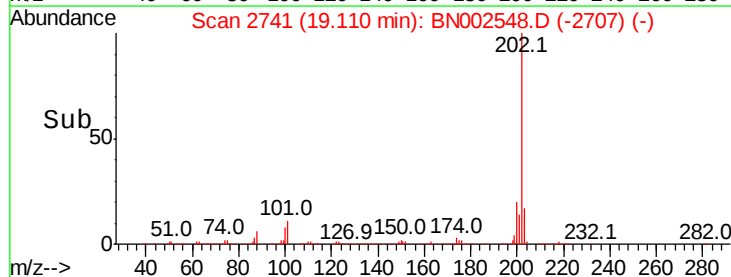
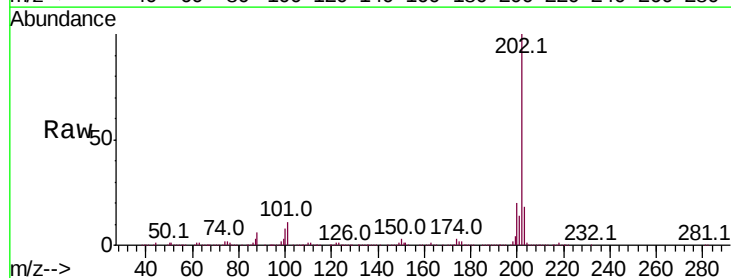
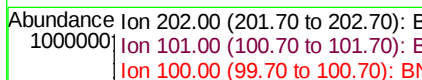
RT: 19.11 min Scan# 2741

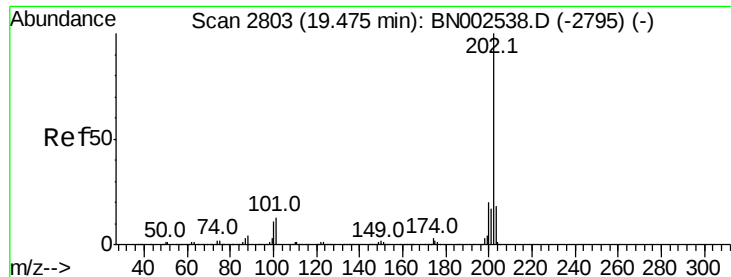
Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Tgt Ion:	202	Resp:	961722
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.8	13.2
100	8.3	6.6	9.8





#79

Pvrene

Concen: 13.220 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Instrument :

BNA_N

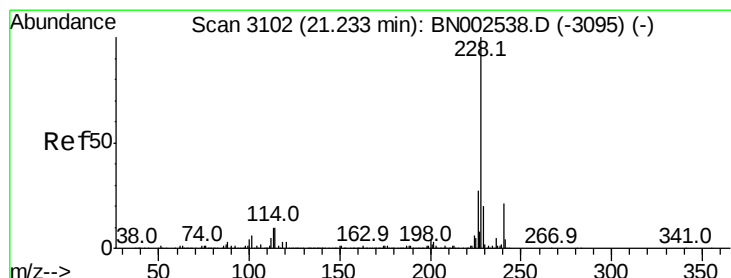
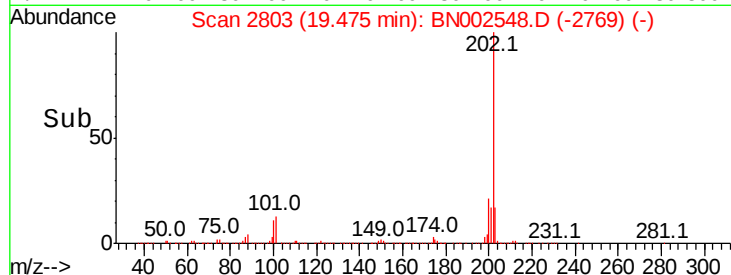
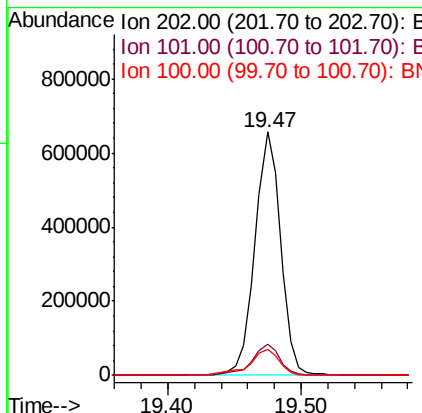
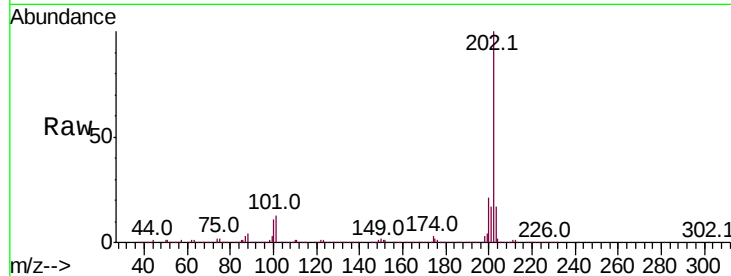
ClientSampled :

A3Z33

Tot Ion:	202	Resp:	866203
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.2	15.2
100	10.9	8.5	12.7

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#82

Benzo(a)anthracene

Concen: 5.481 ng/ul

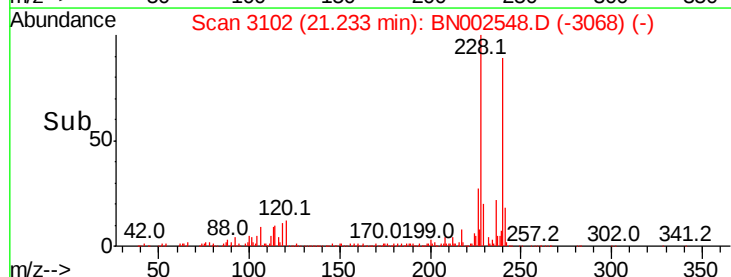
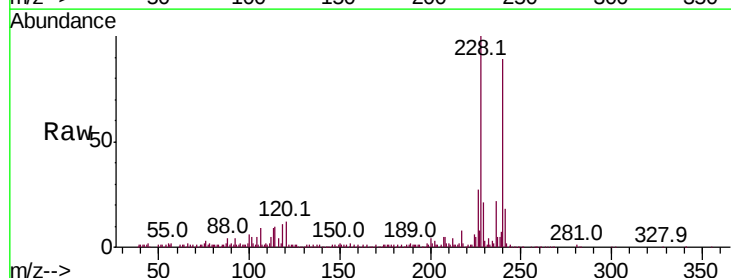
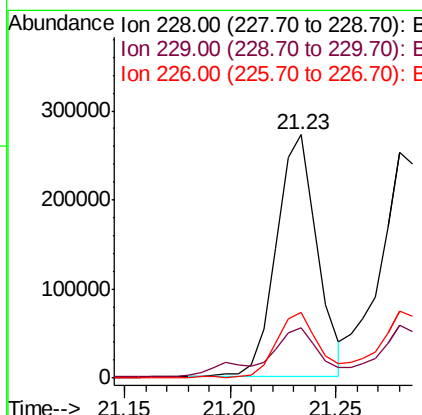
RT: 21.23 min Scan# 3102

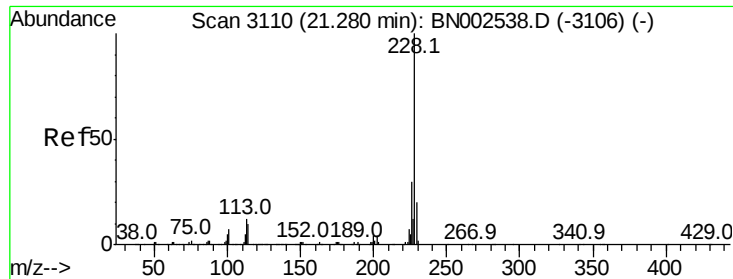
Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Tgt Ion:	228	Resp:	364853
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	27.2	21.8	32.6





#84

Chrysene

Concen: 5.810 ng/ul m

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Instrument :

BNA_N

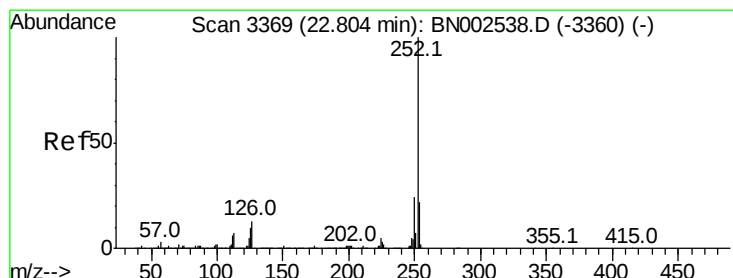
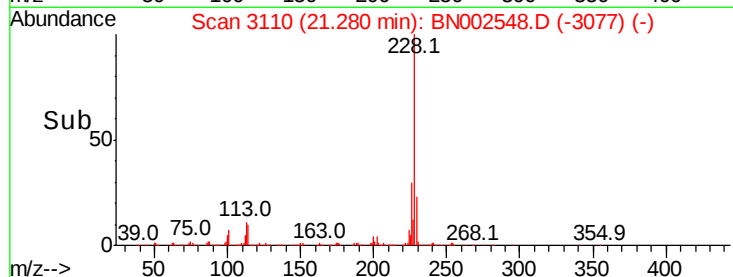
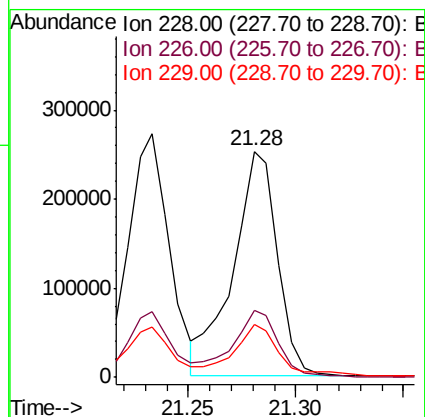
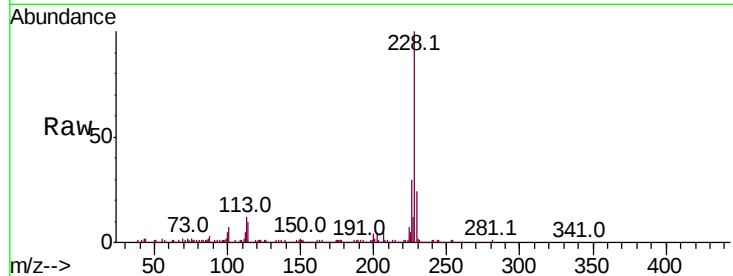
ClientSampled :

A3Z33

Tot Ion:	228	Resp:	366104
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	23.7	15.6	23.4

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#87

Benzo(b)fluoranthene

Concen: 6.738 ng/ul

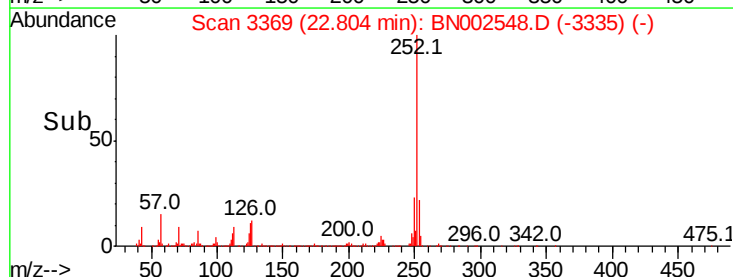
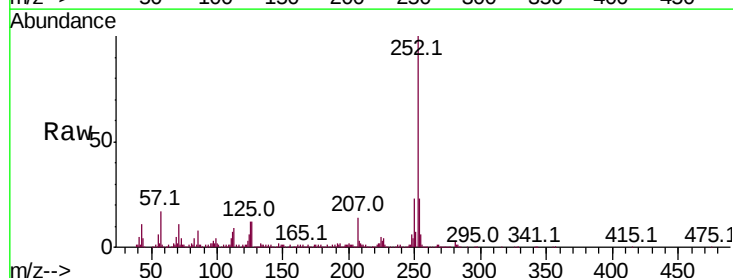
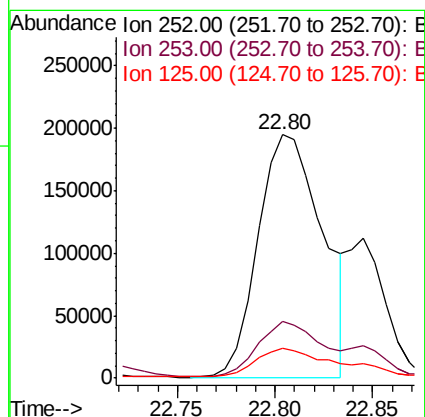
RT: 22.80 min Scan# 3369

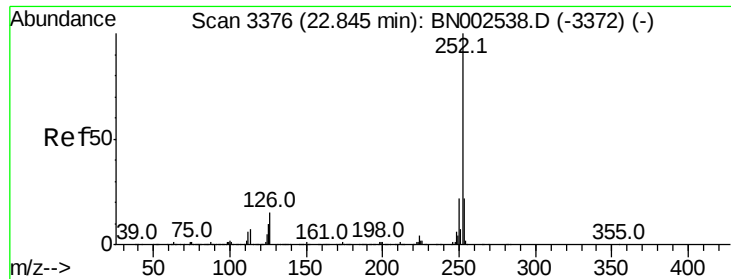
Delta R.T. -0.00 min

Lab File: BN002548.D

Acq: 29 Aug 2018 16:47

Tgt Ion:	252	Resp:	444686
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	12.1	8.5	12.7





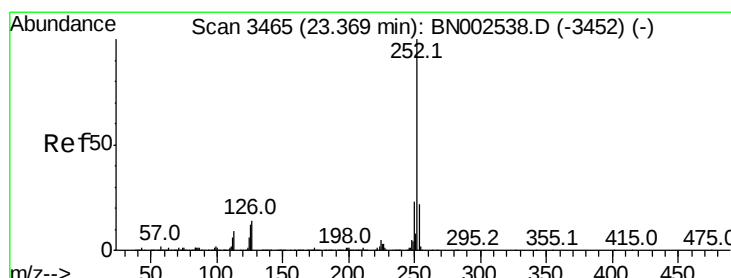
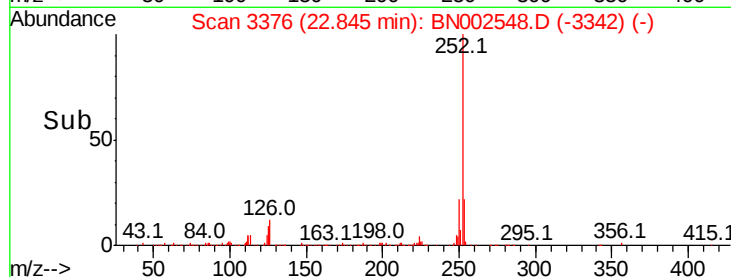
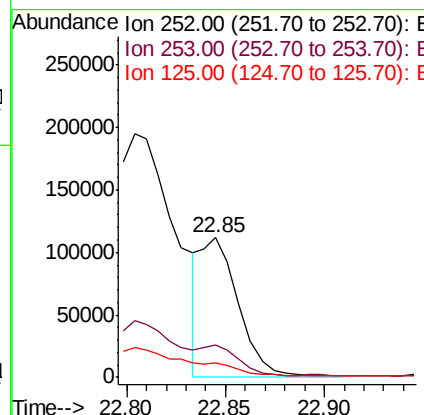
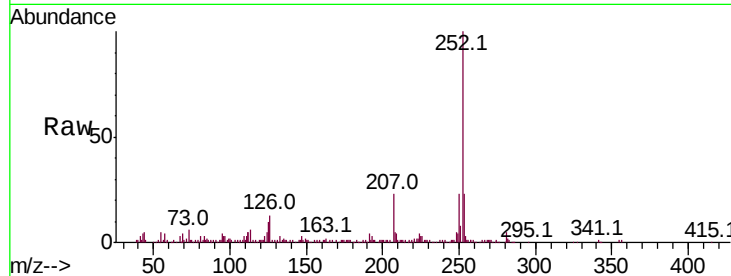
#88
Benzo(k)fluoranthene
Concen: 2.356 ng/ul m
RT: 22.85 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BN002548.D
Acq: 29 Aug 2018 16:47

Instrument :
BNA_N
ClientSampled :
A3Z33

Tot Ion	Ratio	Resp	Lower	Upper
252	100	146486		
253	23.3	17.3	25.9	
125	10.3	8.2	12.2	

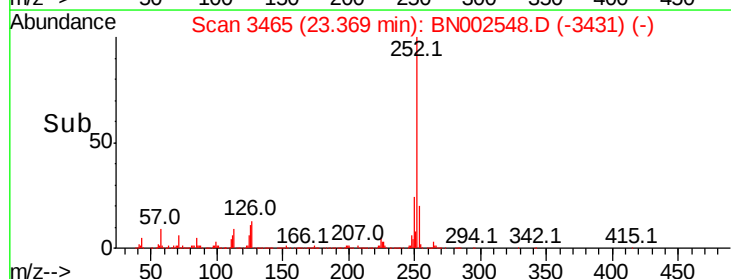
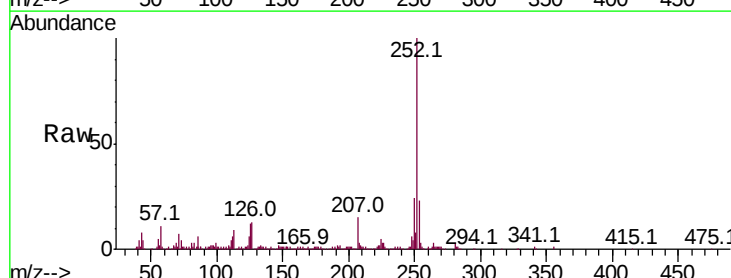
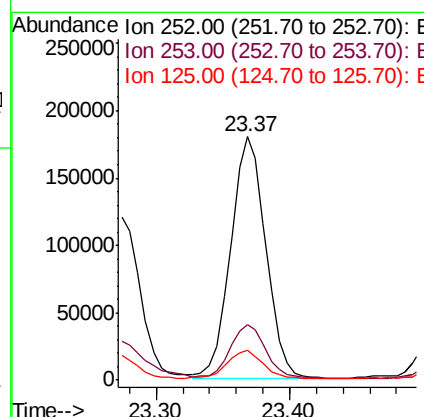
Manual Integrations
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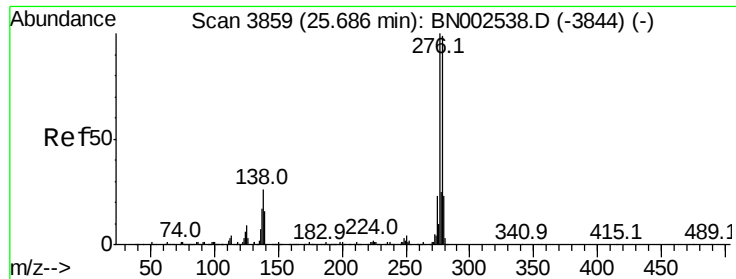
Sohil
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#90
Benzo(a)pyrene
Concen: 5.235 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BN002548.D
Acq: 29 Aug 2018 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	329142		
253	23.0	17.2	25.8	
125	12.0	9.0	13.6	





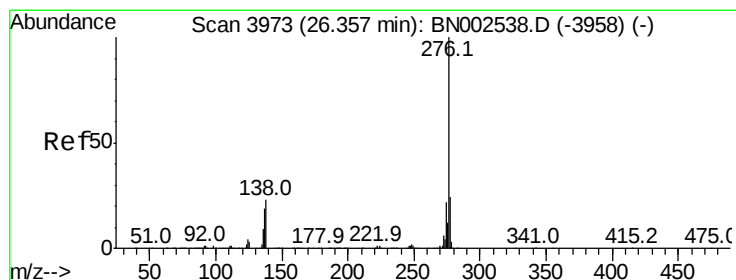
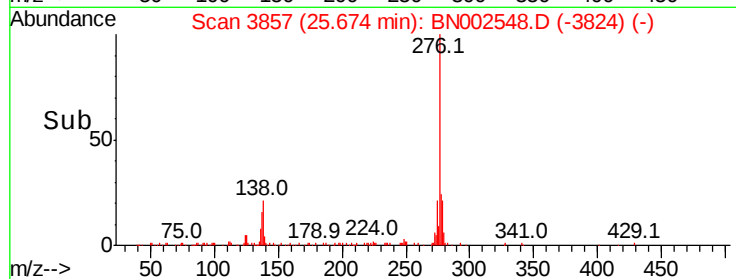
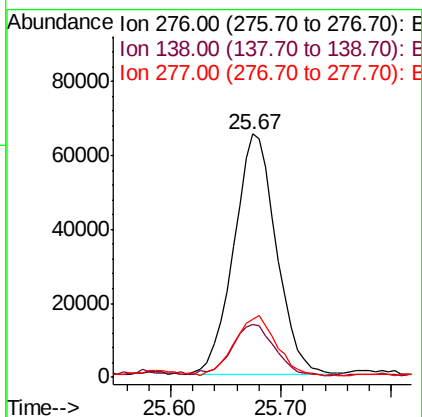
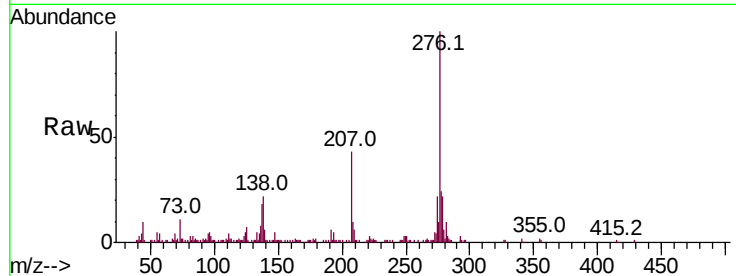
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.322 ng/ul
 RT: 25.67 min Scan# 3857
 Delta R.T. -0.01 min
 Lab File: BN002548.D
 Acq: 29 Aug 2018 16:47

Instrument :
 BNA_N
 ClientSampleId :
 A3Z33

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.3	33.5#
277	24.1	20.2	30.2

Manual Integrations
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#93
 Benzo(g,h,i)perylene
 Concen: 2.568 ng/ul
 RT: 26.35 min Scan# 3972
 Delta R.T. -0.01 min
 Lab File: BN002548.D
 Acq: 29 Aug 2018 16:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.9	28.3
277	25.2	19.2	28.8

