

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002710.D
 Acq On : 15 Sep 2018 03:39
 Operator : JU/SJ
 Sample : J4865-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3P1

Manual Integrations
 APPROVED

Sohil
 9/17/2018 9:29:00 AM

Quant Time: Sep 15 04:51:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 04:34:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	175601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	703037	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	360588	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	729138	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	735227	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	798433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	13557	3.56	ng/uL	0.00
5) Phenol-d5	6.84	99	276126	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	174478	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	229279	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	210625	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	104359	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	119410	19.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	205733	18.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	184906	14.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	571789	20.26	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	730407	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	74891	16.05	ng/ul	0.00
57) Fluorene-d10	15.29	176	494275	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	73790	16.18	ng/ul	0.00
70) Anthracene-d10	17.13	188	703151	20.20	ng/ul	0.00
78) Pyrene-d10	19.43	212	747013	19.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	868761	20.67	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.87	94	36941	2.457	ng/ul 98
44) Dimethylphthalate	13.75	163	160744	5.835	ng/ul 98
69) Phenanthrene	17.08	178	93308	2.323	ng/ul 99
75) Di-n-butylphthalate	18.01	149	47722	1.138	ng/ul 99
76) Fluoranthene	19.10	202	612004	14.281	ng/ul 98
79) Pyrene	19.46	202	560318	11.526	ng/ul 98
82) Benzo(a)anthracene	21.22	228	311207	6.804	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.16	149	81948	2.790	ng/ul 99
84) Chrysene	21.27	228	524867	12.243	ng/ul 99
87) Benzo(b)fluoranthene	22.79	252	916604	18.798	ng/ul 98
88) Benzo(k)fluoranthene	22.83	252	262534m	5.771	ng/ul
90) Benzo(a)pyrene	23.36	252	511598	11.098	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.66	276	550254	10.082	ng/ul 95
92) Dibenzo(a,h)anthracene	25.66	278	126953m	2.761	ng/ul
93) Benzo(g,h,i)perylene	26.34	276	528077	11.575	ng/ul 99

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

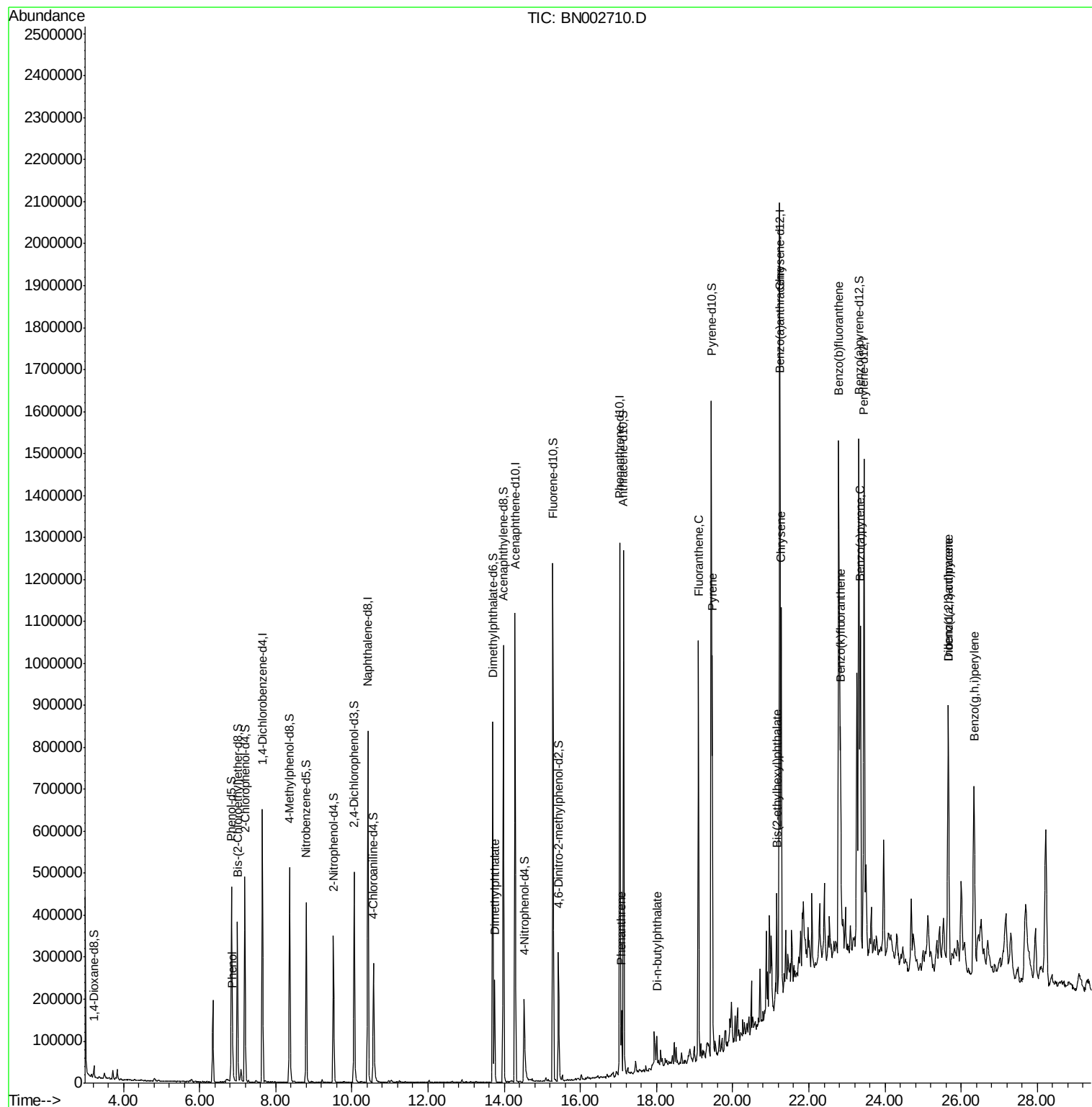
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002710.D
Acq On : 15 Sep 2018 03:39
Operator : JU/SJ
Sample : J4865-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

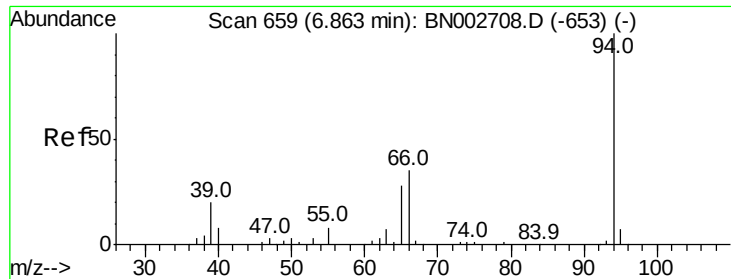
Instrument :
BNA_N
ClientSampleId :
DB3P1

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9/17/2018 9:29:00 AM

Quant Time: Sep 15 04:51:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 04:34:35 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.457 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Instrument :

BNA_N

ClientSampled :

DB3P1

Tot Ion: 94 Resp: 36941

Ion Ratio Lower Upper

94 100

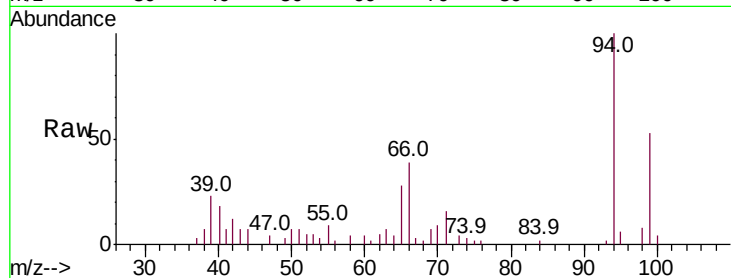
65 27.8 23.1 34.7

66 38.8 29.8 44.6

Manual Integrations
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Sohil

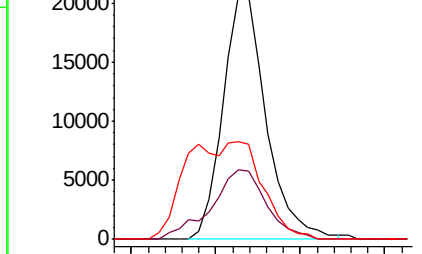
9/17/2018 9:29:00 AM



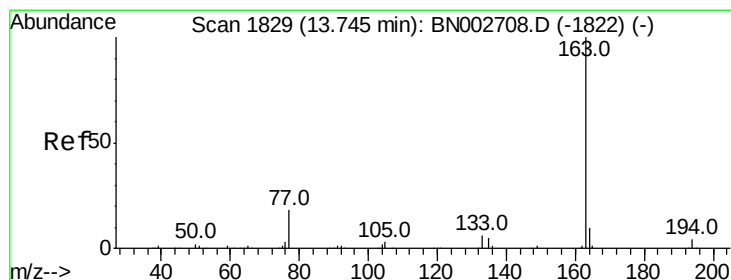
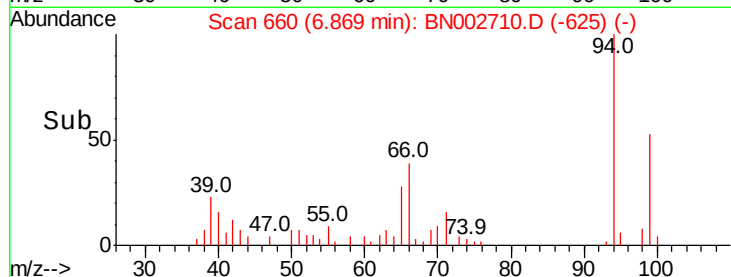
Abundance Ion 94.00 (93.70 to 94.70): BN002708.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BN002708.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BN002708.D (-653) (-)



Time-->



#44

Dimethylphthalate

Concen: 5.835 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

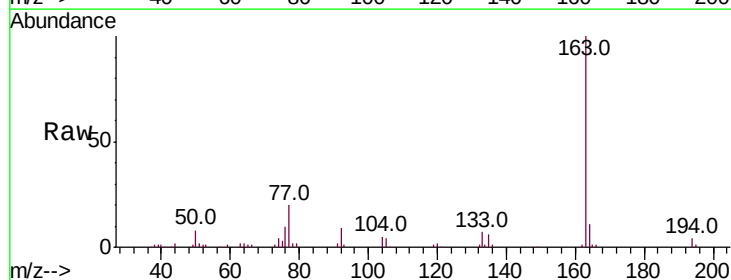
Tgt Ion:163 Resp: 160744

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

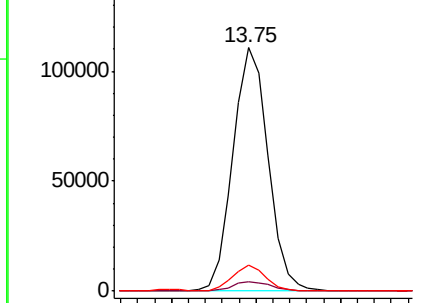
164 10.8 8.1 12.1



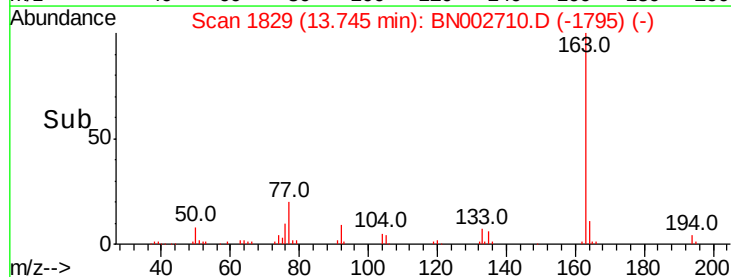
Abundance Ion 163.00 (162.70 to 163.70): BN002708.D (-1822) (-)

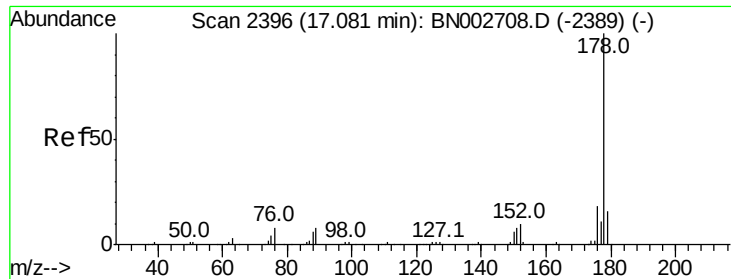
Ion 194.00 (193.70 to 194.70): BN002708.D (-1822) (-)

Ion 164.00 (163.70 to 164.70): BN002708.D (-1822) (-)



Time-->





#69

Phenanthrene

Concen: 2.323 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Instrument :

BNA_N

ClientSampleId :

DB3P1

Tot Ion:178 Resp: 93308

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

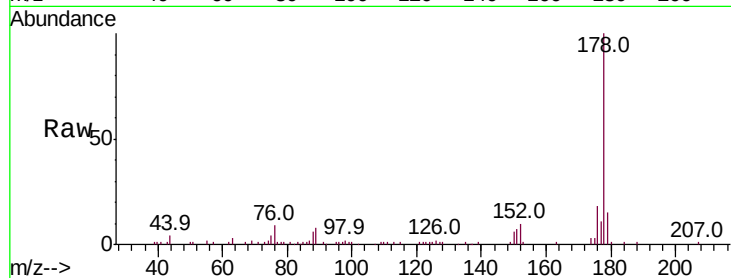
176 18.3 15.0 22.6

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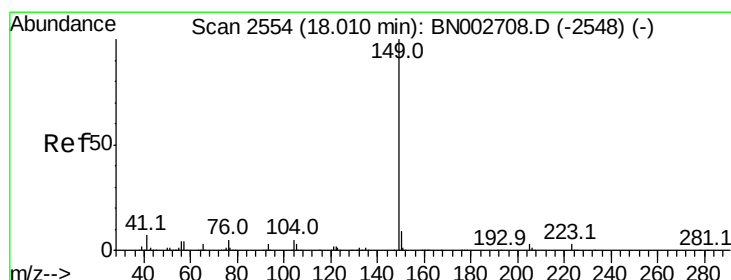
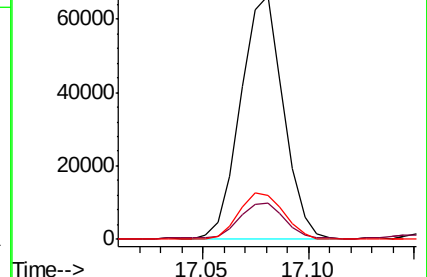
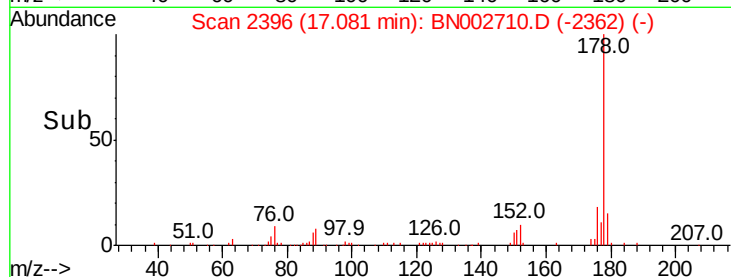
9/17/2018 9:29:00 AM



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



#75

Di-n-butylphthalate

Concen: 1.138 ng/ul

RT: 18.01 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

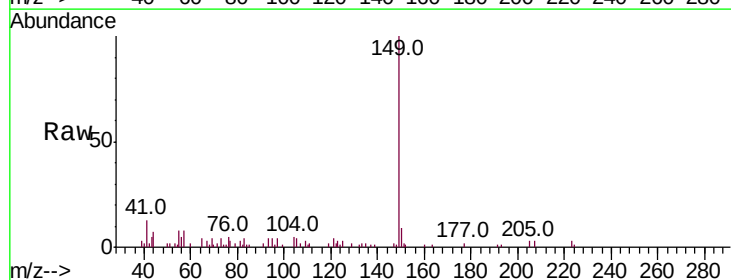
Tgt Ion:149 Resp: 47722

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

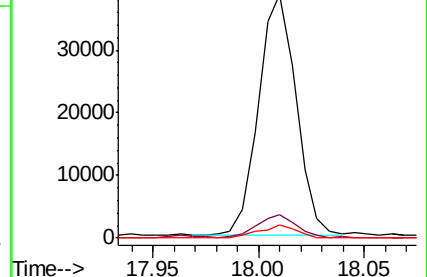
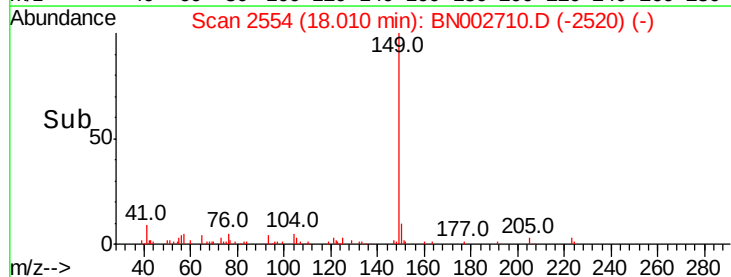
104 5.2 3.7 5.5

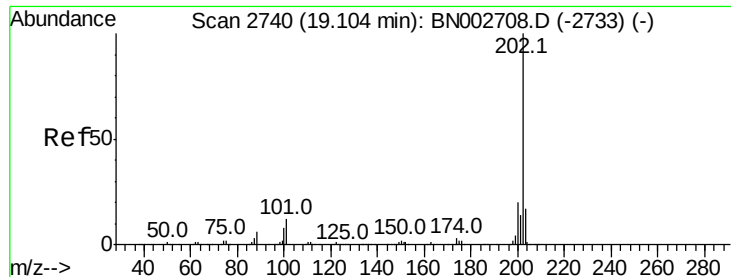


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 14.281 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. 0.00 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Instrument :

BNA_N

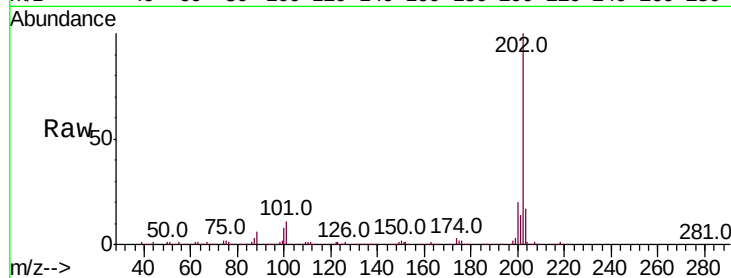
ClientSampled :

DB3P1

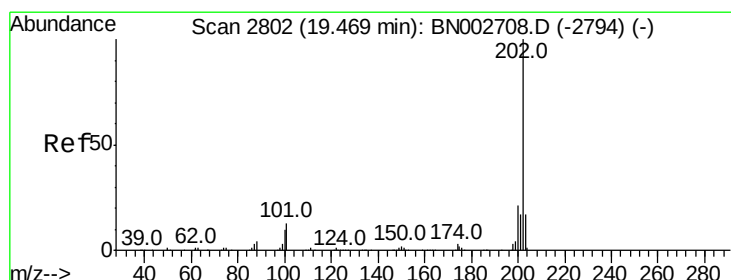
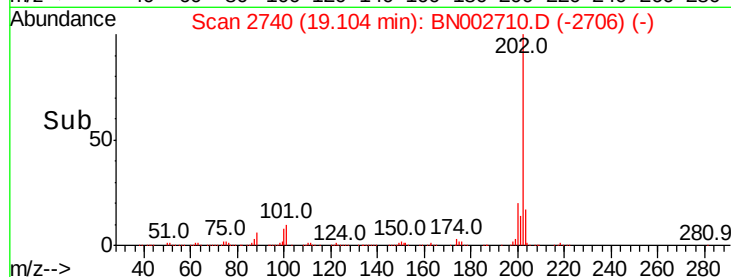
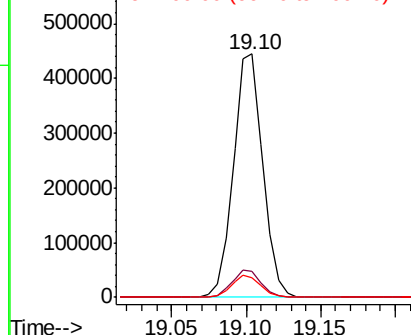
Tot Ion:	202	Resp:	612004
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.4	14.2
100	8.3	7.0	10.6

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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



#79

Pyrene

Concen: 11.526 ng/ul

RT: 19.46 min Scan# 2801

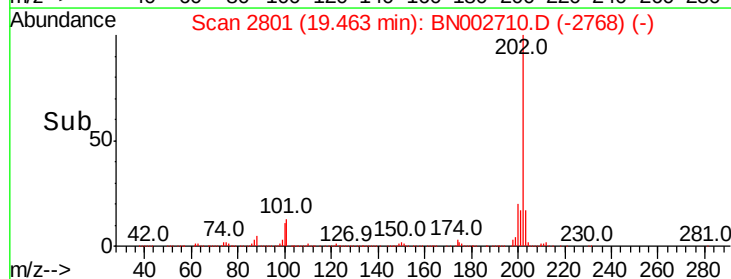
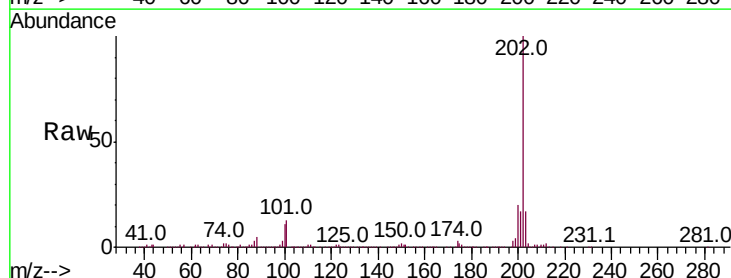
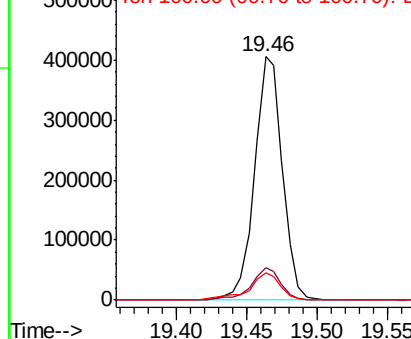
Delta R.T. -0.01 min

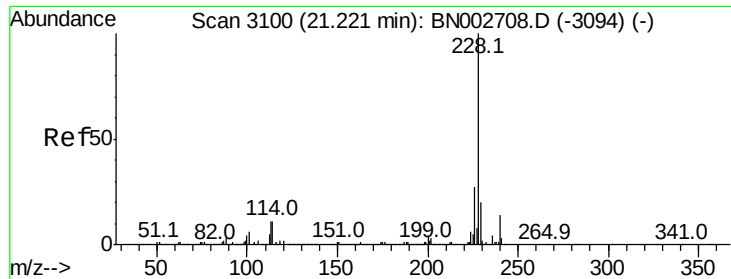
Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Tgt Ion:	202	Resp:	560318
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.8	16.2
100	11.2	8.2	12.2

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





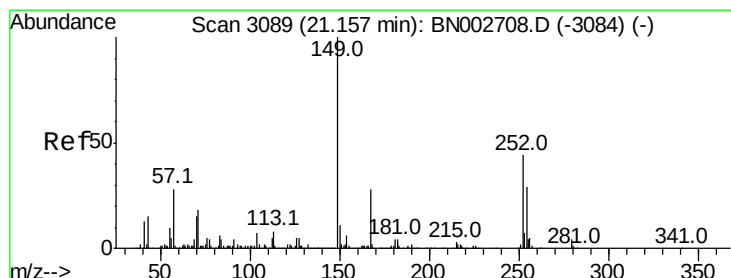
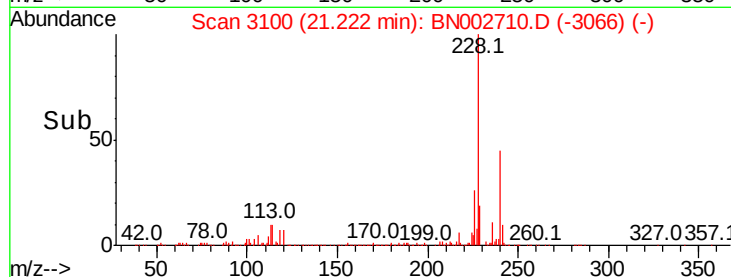
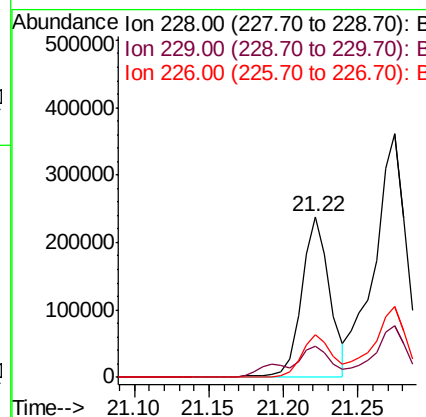
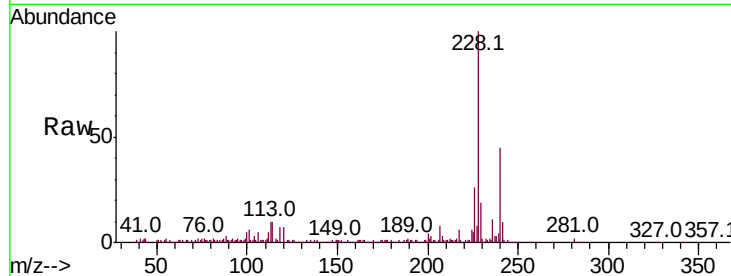
#82
Benzo(a)anthracene
Concen: 6.804 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BN002710.D
Acq: 15 Sep 2018 03:39

Instrument :
BNA_N
ClientSampled :
DB3P1

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	26.5	20.9	31.3

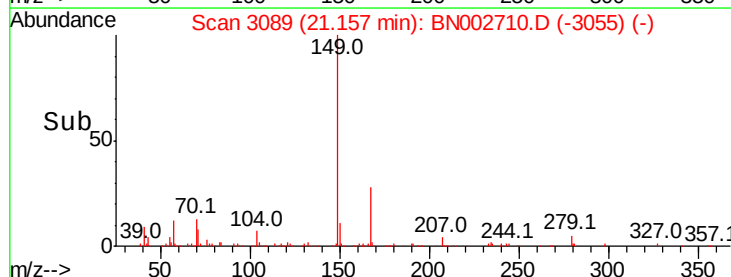
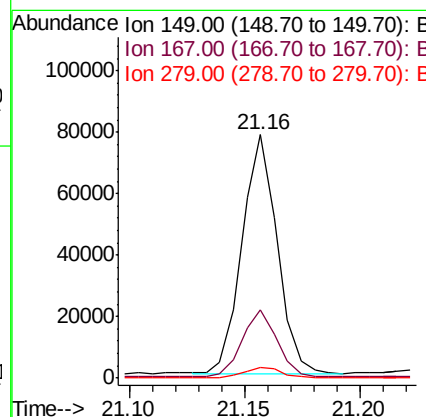
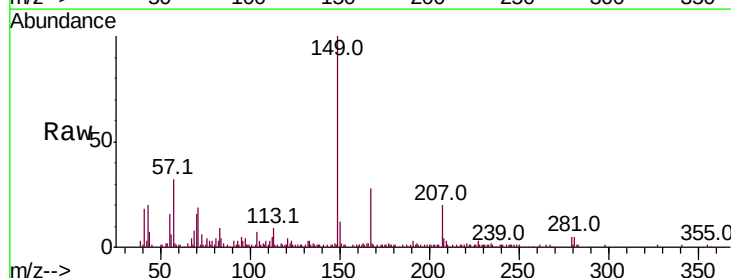
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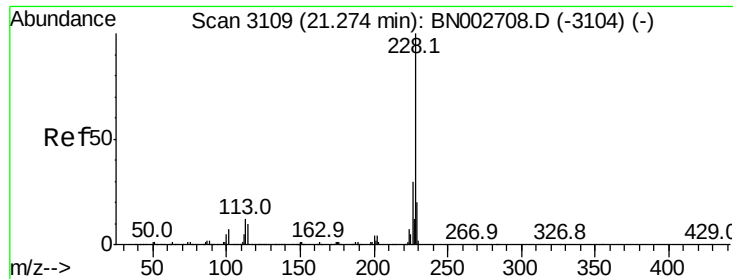
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.790 ng/ul
RT: 21.16 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BN002710.D
Acq: 15 Sep 2018 03:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.0	33.0
279	4.6	3.3	4.9





#84

Chrysene

Concen: 12.243 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Instrument :

BNA_N

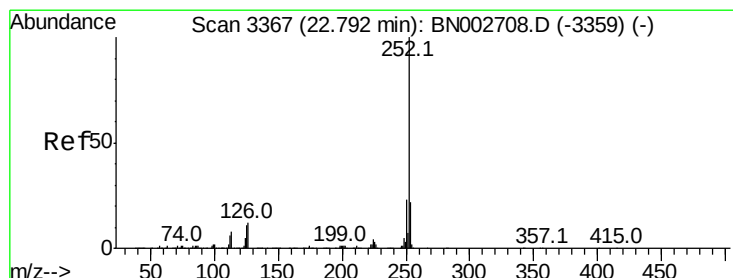
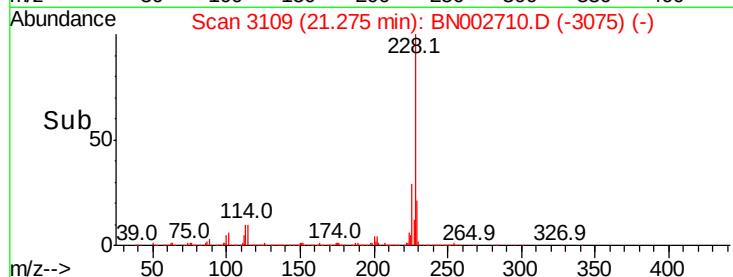
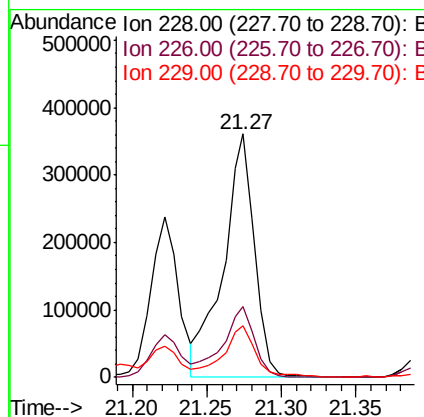
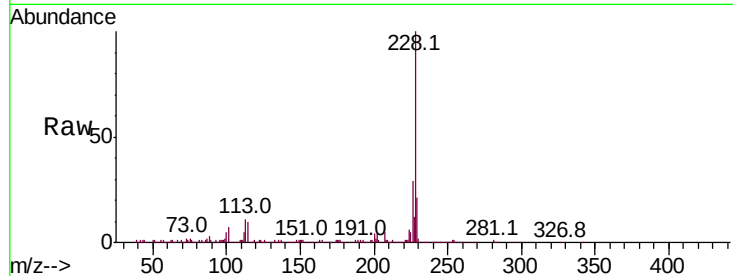
ClientSampled :

DB3P1

Tot Ion:	228	Resp:	524867
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.0
229	21.1	15.7	23.5

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 18.798 ng/ul

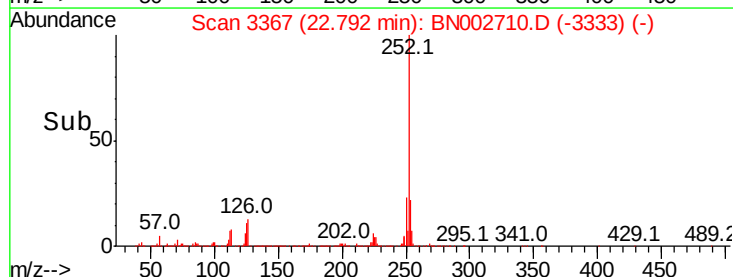
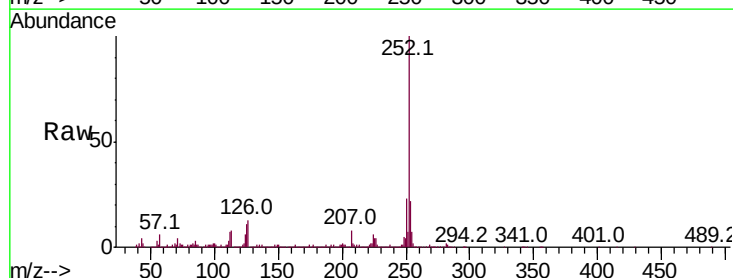
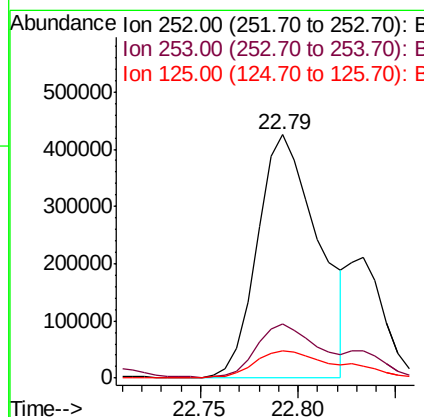
RT: 22.79 min Scan# 3367

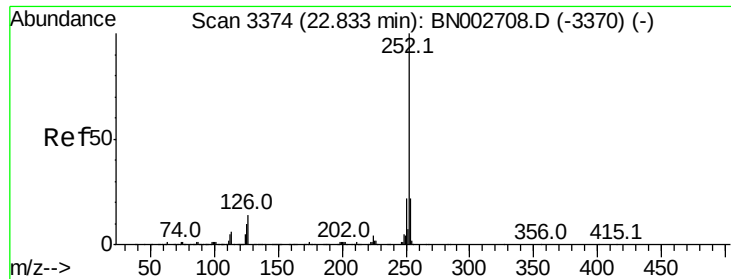
Delta R.T. 0.00 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Tgt Ion:	252	Resp:	916604
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.4
125	11.0	8.0	12.0





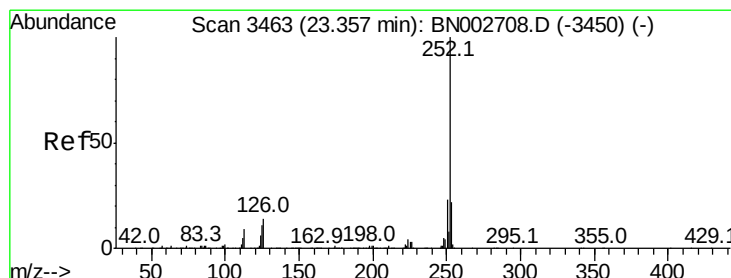
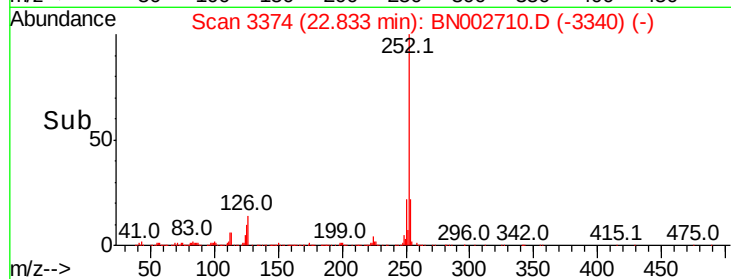
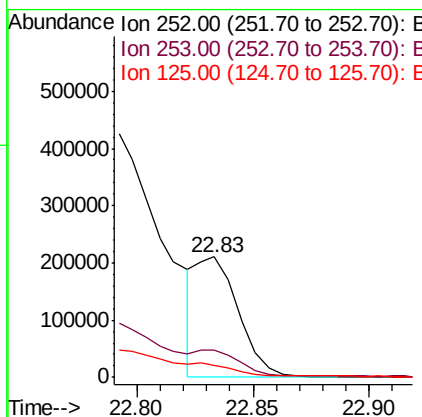
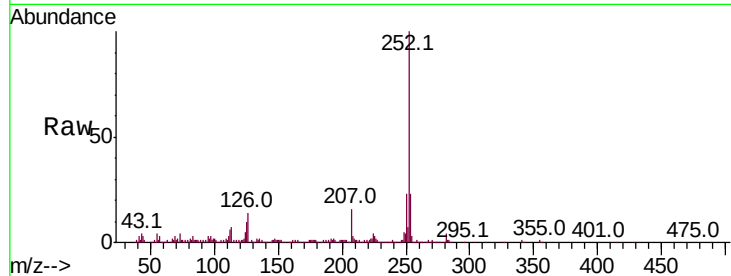
#88
Benzo(k)fluoranthene
Concen: 5.771 ng/ul m
RT: 22.83 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BN002710.D
Acq: 15 Sep 2018 03:39

Instrument :
BNA_N
ClientSampled :
DB3P1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.3	8.3	12.5

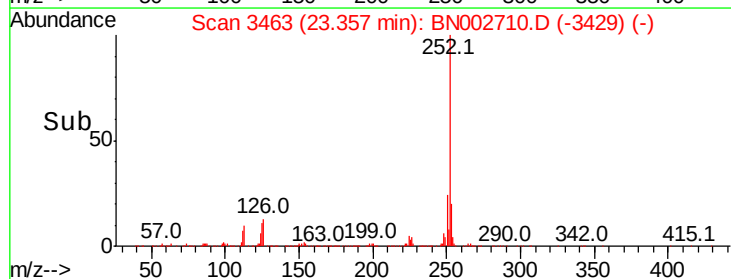
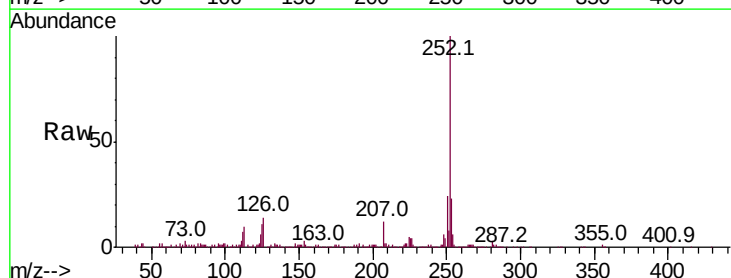
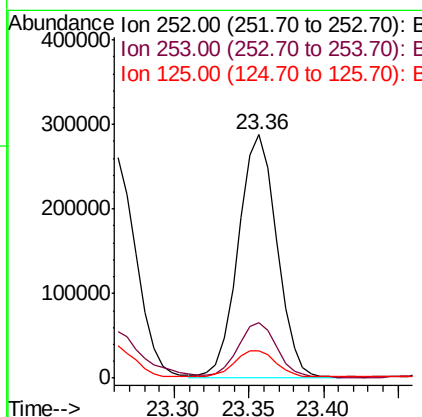
Manual Integrations
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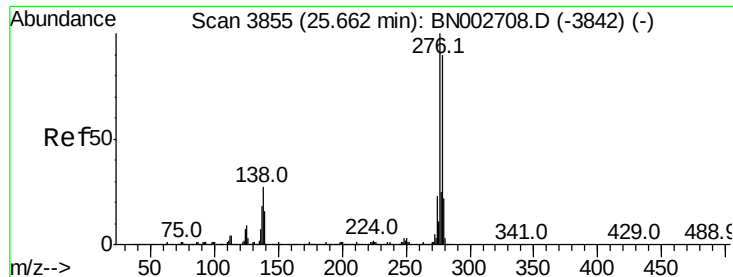
Sohil
9/17/2018 9:29:00 AM



#90
Benzo(a)pyrene
Concen: 11.098 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BN002710.D
Acq: 15 Sep 2018 03:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.4	8.8	13.2





#91

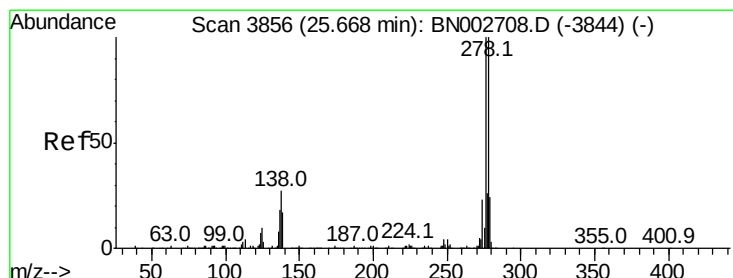
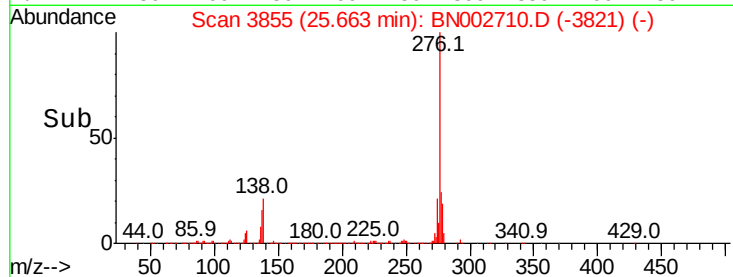
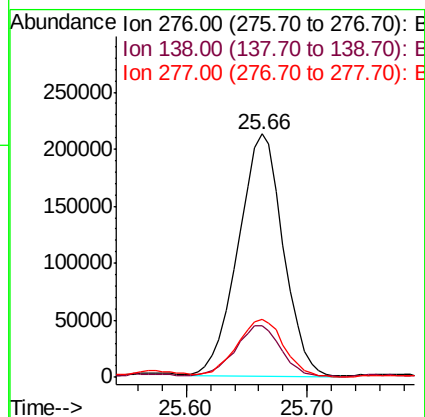
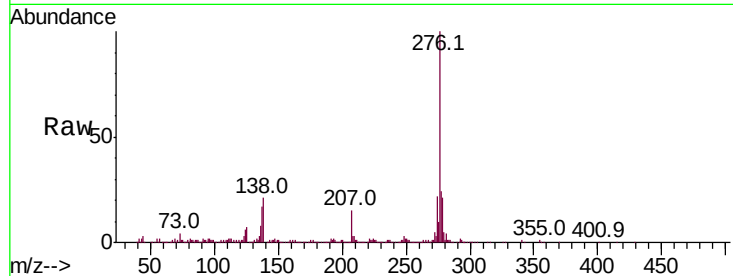
Indeno(1,2,3-cd)pyrene
Concen: 10.082 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BN002710.D
Acq: 15 Sep 2018 03:39

Instrument :
BNA_N
ClientSampled :
DB3P1

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.2	30.4
277	24.0	20.0	30.0

Manual Integrations
APPROVED

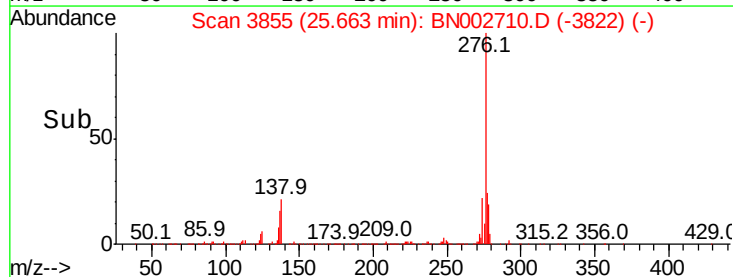
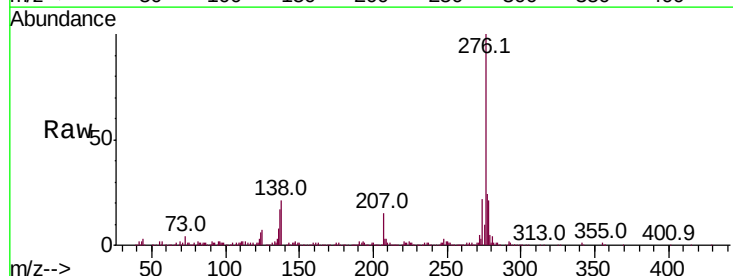
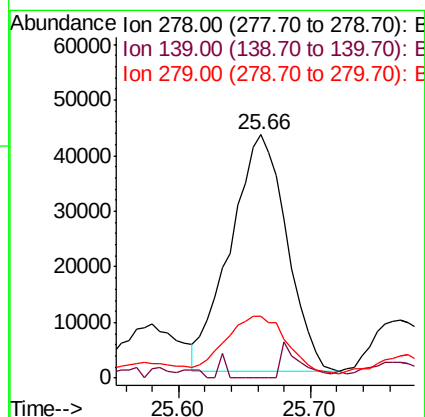
Sohil
9/17/2018 9:29:00 AM

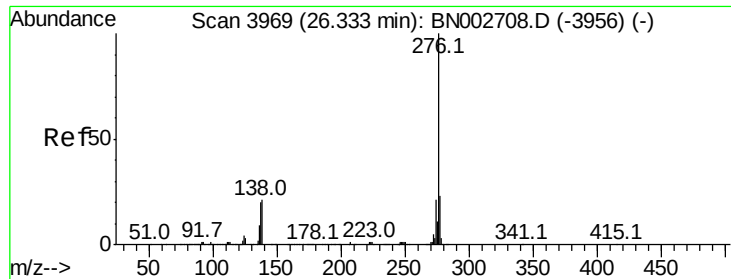


#92

Dibenzo(a,h)anthracene
Concen: 2.761 ng/ul m
RT: 25.66 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BN002710.D
Acq: 15 Sep 2018 03:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	25.3	18.7	28.1





#93

Benzo(a,h,i)perylene

Concen: 11.575 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. 0.01 min

Lab File: BN002710.D

Acq: 15 Sep 2018 03:39

Instrument :

BNA_N

ClientSampleId :

DB3P1

Tot Ion:	276	Resp:	528077
Ion Ratio	Lower	Upper	
276	100		
138	21.6	18.2	27.2
277	22.9	18.6	28.0

Manual Integrations
APPROVED

Sohil
9/17/2018 9:29:00 AM

