

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002247.D
 Acq On : 08 Aug 2018 12:25
 Operator : JU/SJ
 Sample : J4268-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

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 8/9/2018 4:40:19 PM

Quant Time: Aug 09 03:25:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	242747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1094617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	590377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1134673	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	769597	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	772168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16750	3.11	ng/uL	0.00
5) Phenol-d5	6.86	99	360892	15.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	266550	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	323437	17.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	269973	14.66	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	174922	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	184475	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	311922	16.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	356939	16.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1011755	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1289805	20.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	62234m	6.51	ng/ul	0.00
57) Fluorene-d10	15.32	176	845036	19.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	64974	8.79	ng/ul	0.00
70) Anthracene-d10	17.16	188	1161013	20.99	ng/ul	0.00
78) Pyrene-d10	19.46	212	1028093	25.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	833236	19.98	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.89	94	24085	1.049	ng/ul# 87
44) Dimethylphthalate	13.77	163	274147	5.593	ng/ul 98
69) Phenanthrene	17.11	178	263857	4.141	ng/ul 99
76) Fluoranthene	19.13	202	687155	10.161	ng/ul 99
79) Pyrene	19.49	202	600176	12.153	ng/ul 99
82) Benzo(a)anthracene	21.25	228	266118	5.429	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.19	149	34193	1.030	ng/ul# 95
84) Chrysene	21.30	228	316726	6.933	ng/ul 96
87) Benzo(b)fluoranthene	22.83	252	466876	9.824	ng/ul 96
88) Benzo(k)fluoranthene	22.86	252	134443m	2.978	ng/ul
90) Benzo(a)pyrene	23.39	252	300312	6.650	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.72	276	233475	4.473	ng/ul# 90
92) Dibenzo(a,h)anthracene	25.72	278	55510	1.271	ng/ul# 95
93) Benzo(g,h,i)perylene	26.39	276	227303	5.182	ng/ul 96

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

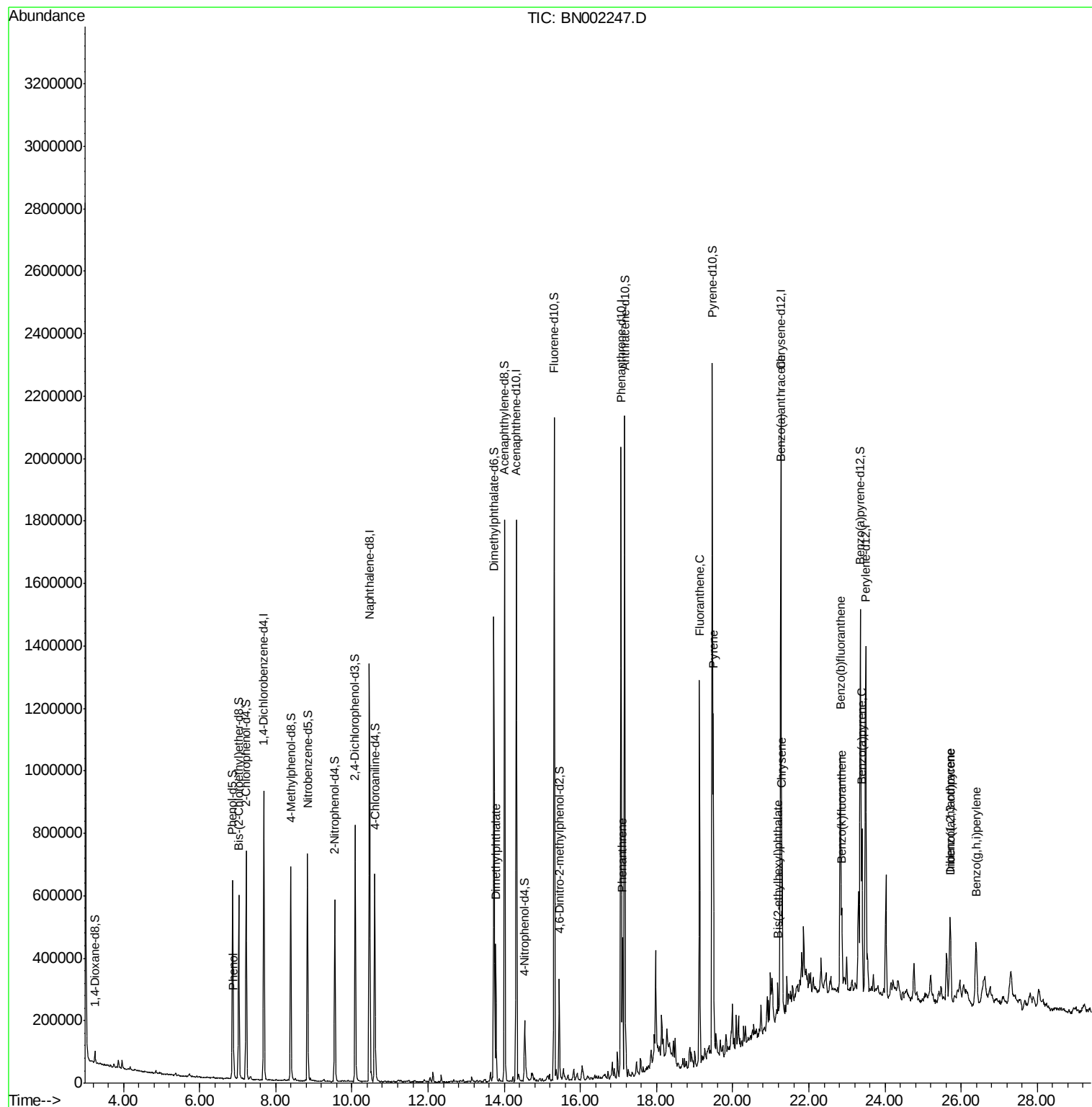
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080818\
Data File : BN002247.D
Acq On : 08 Aug 2018 12:25
Operator : JU/SJ
Sample : J4268-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

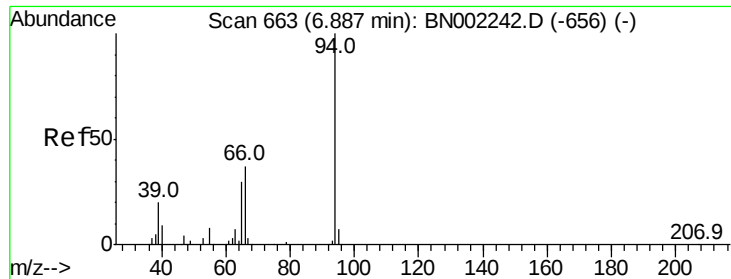
Instrument :
BNA_N
ClientSampleId :
C0AC4

Quant Time: Aug 09 03:25:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 1.049 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_N

ClientSampled :

C0AC4

Tot Ion: 94 Resp: 24085

Ion Ratio Lower Upper

94 100

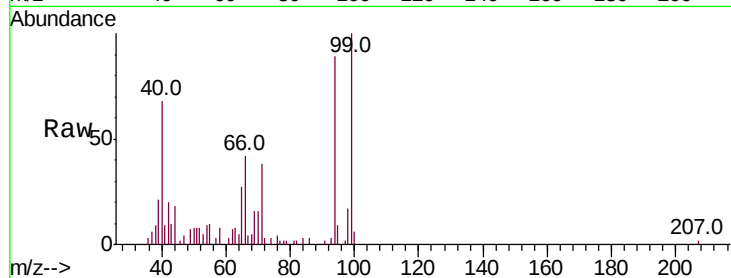
65 30.4 21.0 31.6

66 46.8 29.3 43.9#

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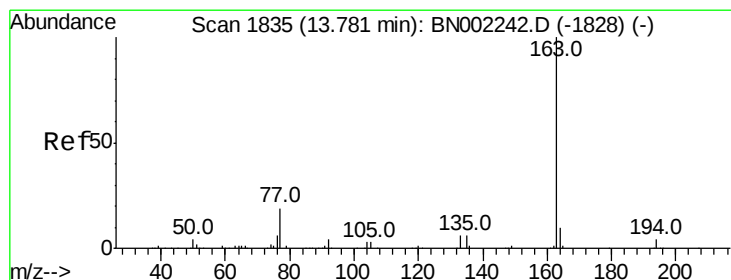
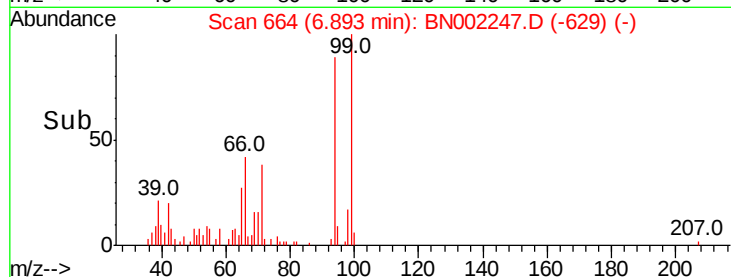
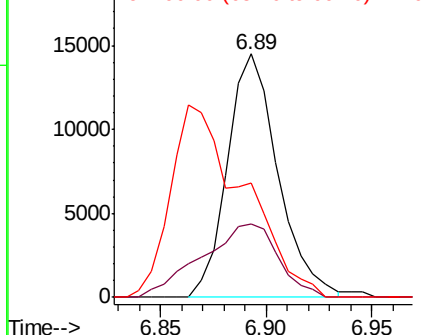


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 5.593 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

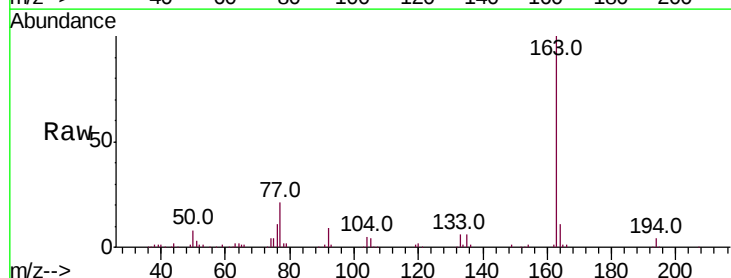
Tgt Ion:163 Resp: 274147

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 11.0 7.8 11.8

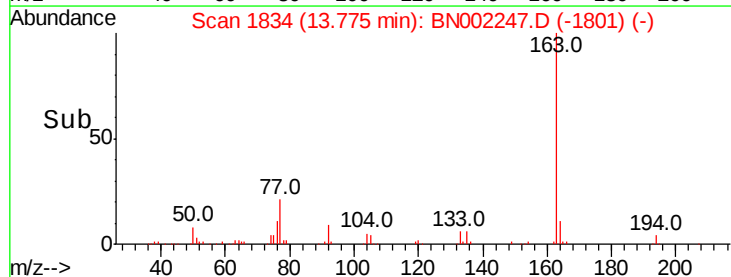
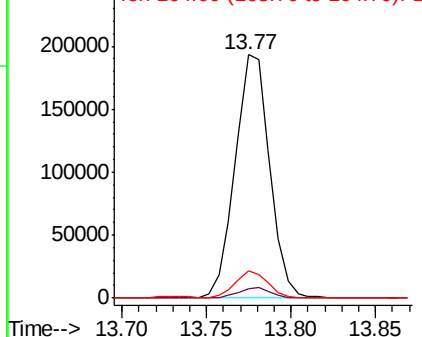


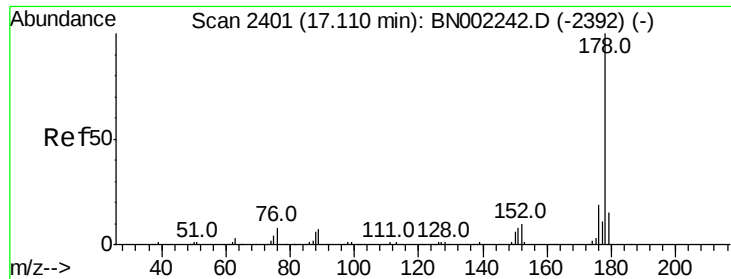
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





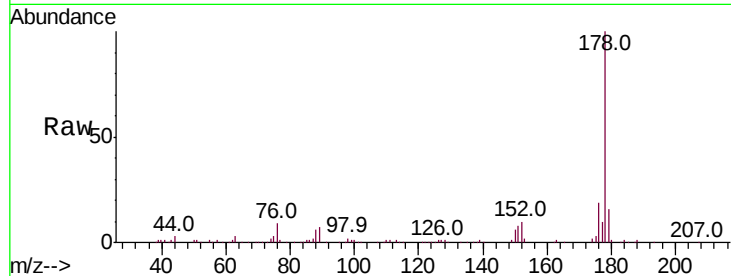
#69
Phenanthrene
Concen: 4.141 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BN002247.D
Acq: 08 Aug 2018 12:25

Instrument :
BNA_N
ClientSampled :
C0AC4

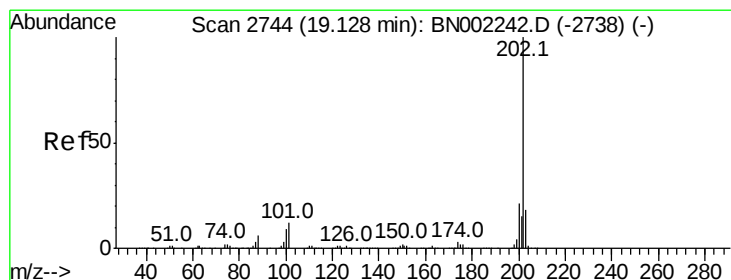
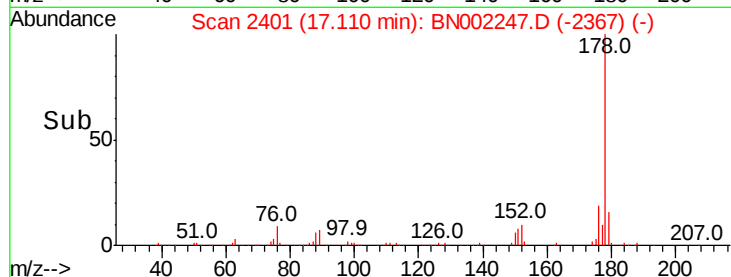
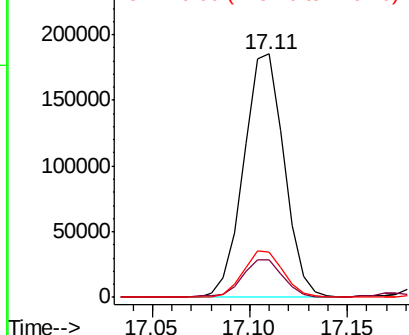
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.8	15.6	23.4

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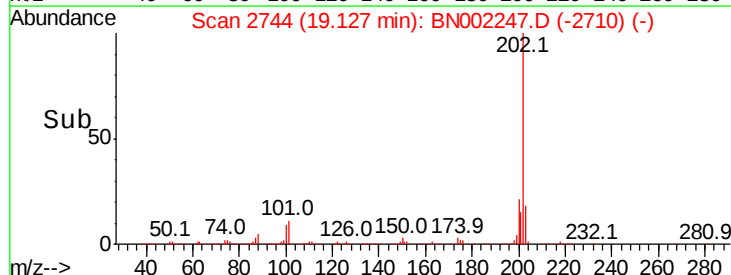
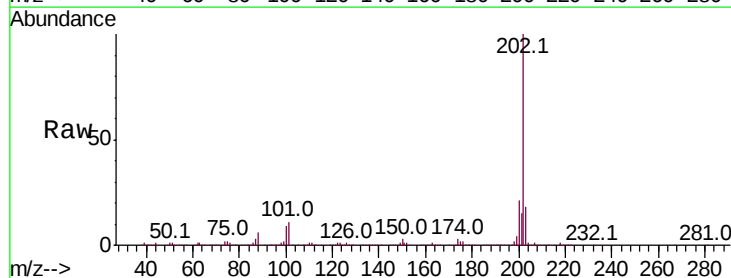
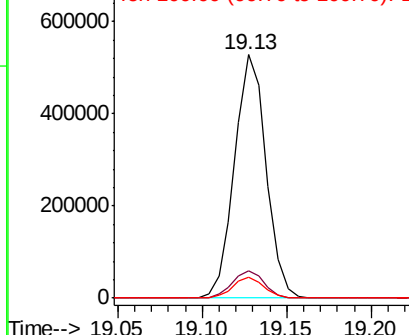
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

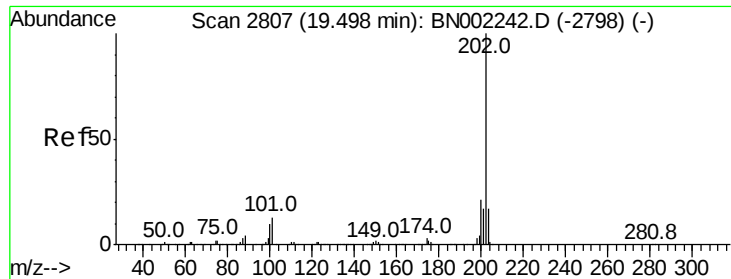


#76
Fluoranthene
Concen: 10.161 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BN002247.D
Acq: 08 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	8.7	6.6	9.8

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

Pvrene

Concen: 12.153 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_N

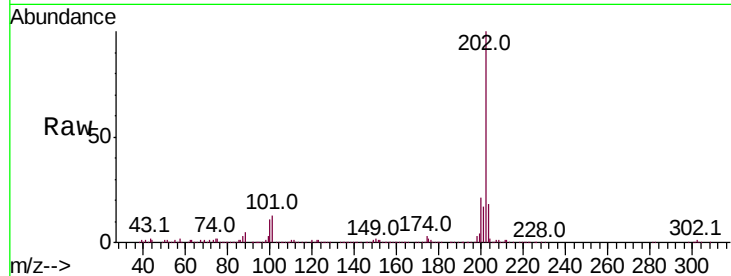
ClientSampleId :

C0AC4

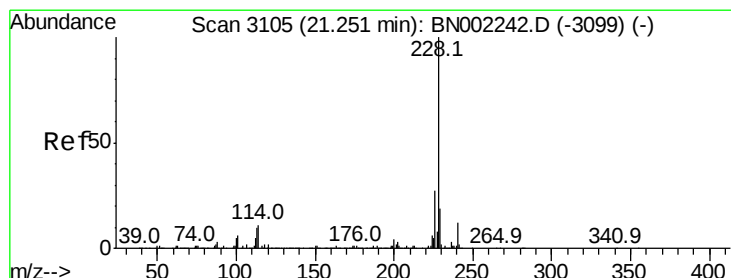
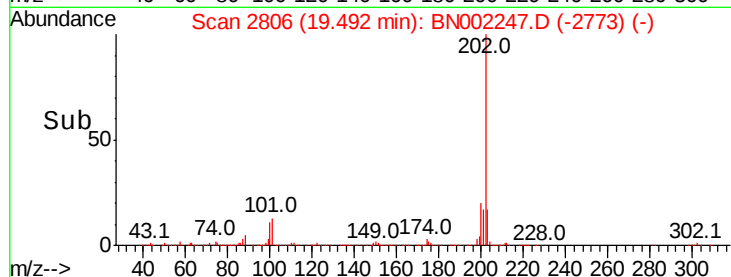
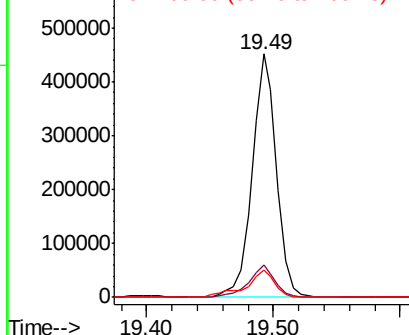
Tot Ion:	202	Resp:	600176
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.2	15.2
100	11.1	8.5	12.7

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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



#82

Benzo(a)anthracene

Concen: 5.429 ng/ul

RT: 21.25 min Scan# 3105

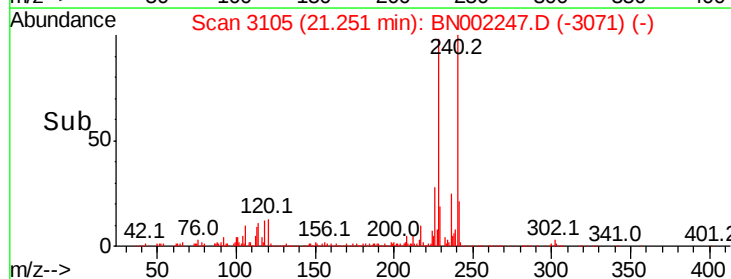
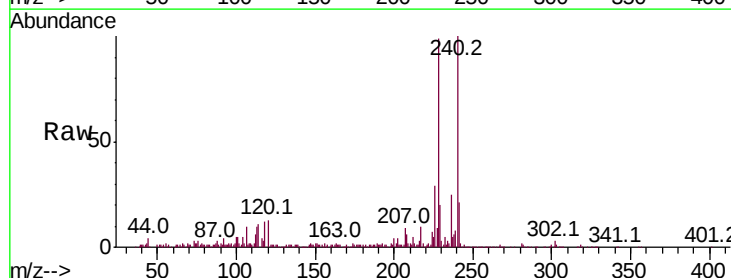
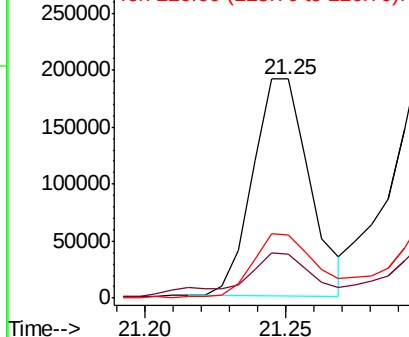
Delta R.T. -0.00 min

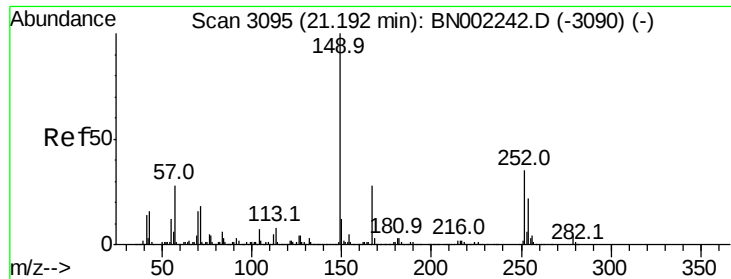
Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Tgt Ion:	228	Resp:	266118
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	28.9	21.8	32.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





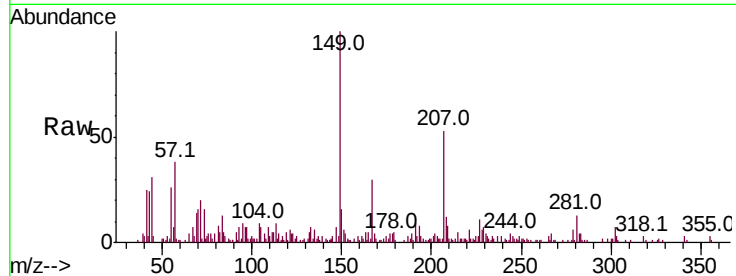
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.030 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002247.D
 Acq: 08 Aug 2018 12:25

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

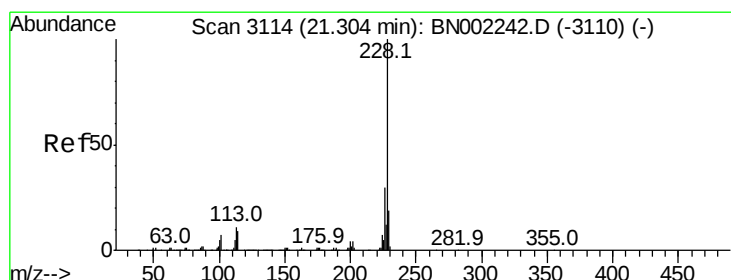
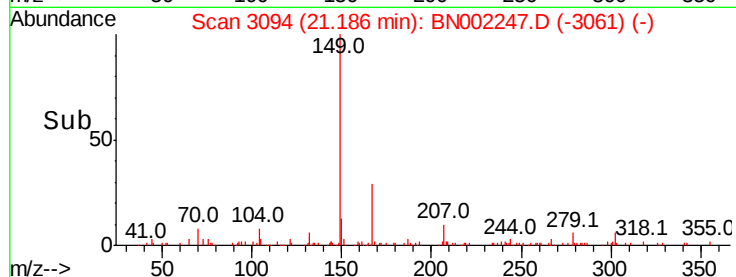
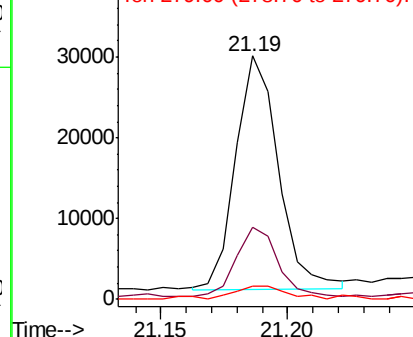
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.7	21.6	32.4	
279	5.7	3.0	4.4	

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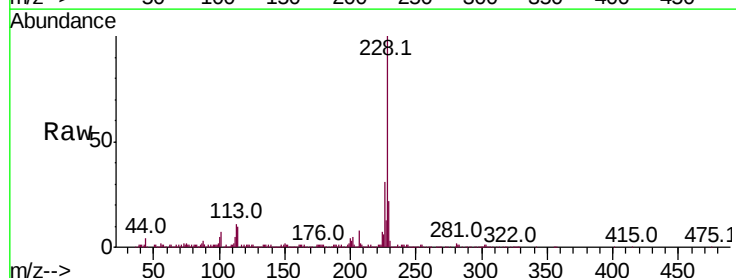


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

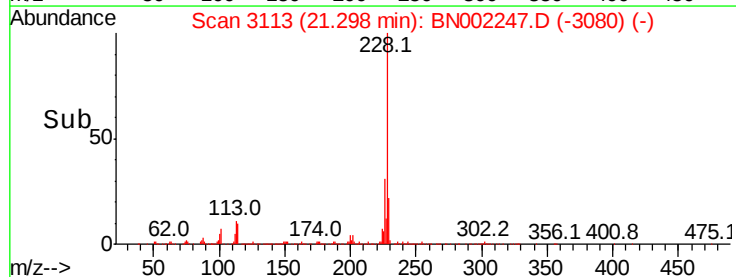
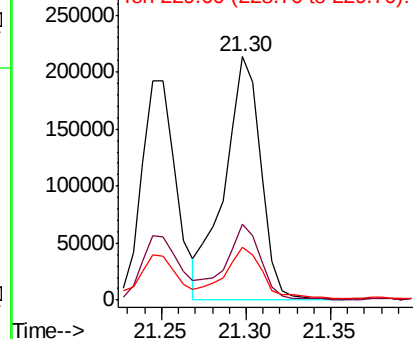


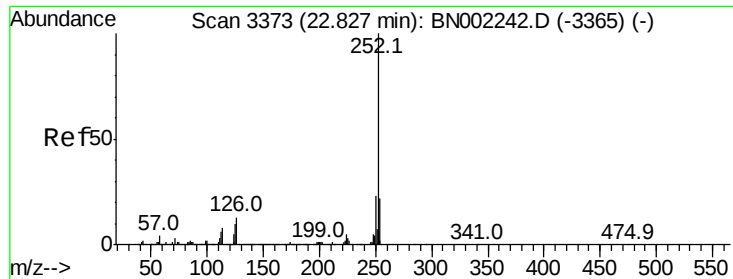
#84
 Chrysene
 Concen: 6.933 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BN002247.D
 Acq: 08 Aug 2018 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.3	24.0	36.0	
229	21.9	15.6	23.4	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 9.824 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN002247.D

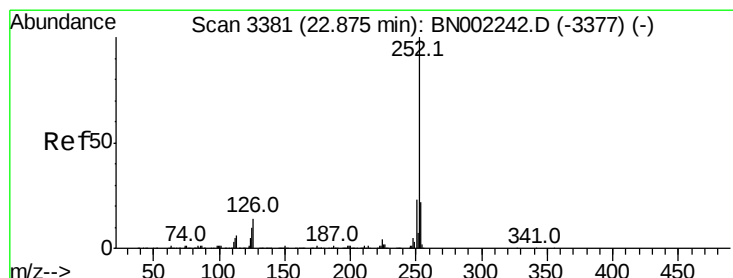
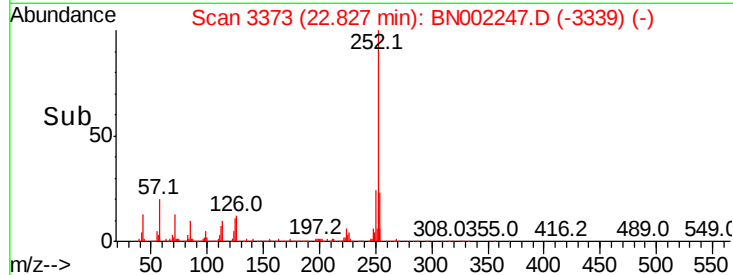
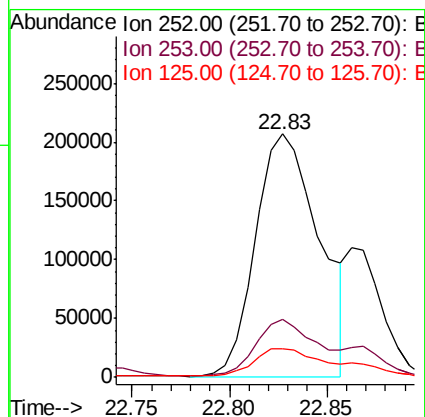
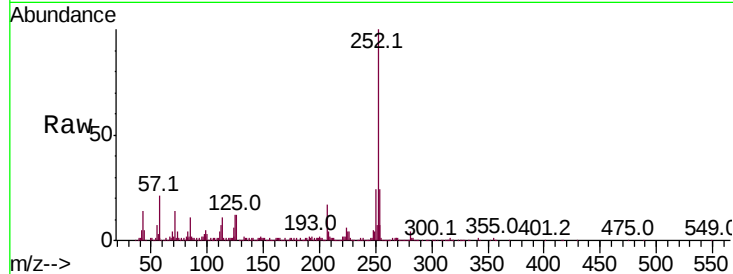
Acq: 08 Aug 2018 12:25

Instrument :
BNA_N
ClientSampled :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	11.6	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 2.978 ng/ul m

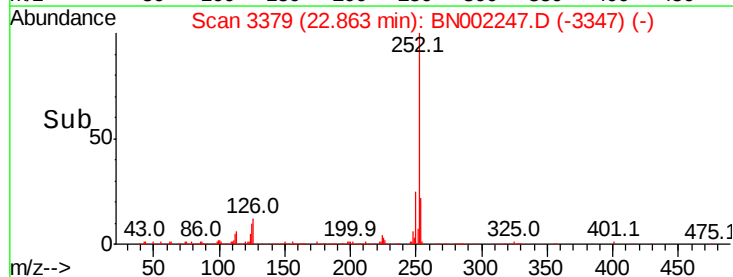
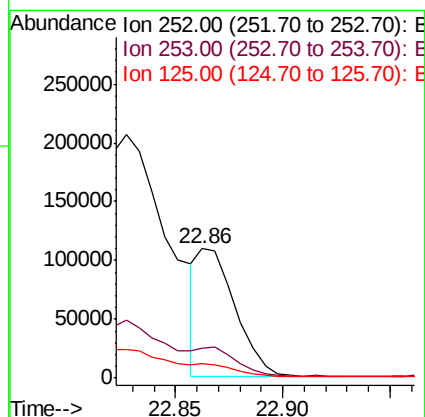
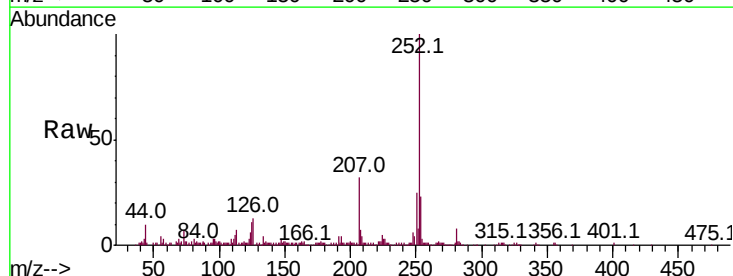
RT: 22.86 min Scan# 3379

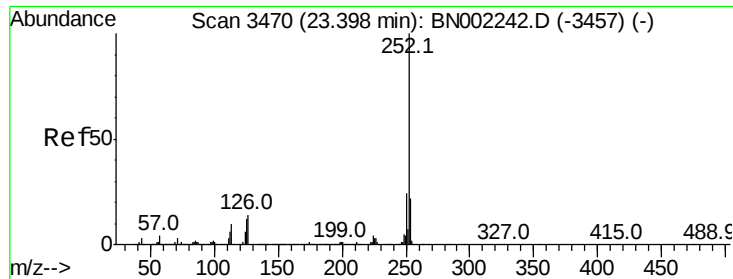
Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	11.1	8.2	12.2





#90

Benzo(a)pyrene

Concen: 6.650 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_N

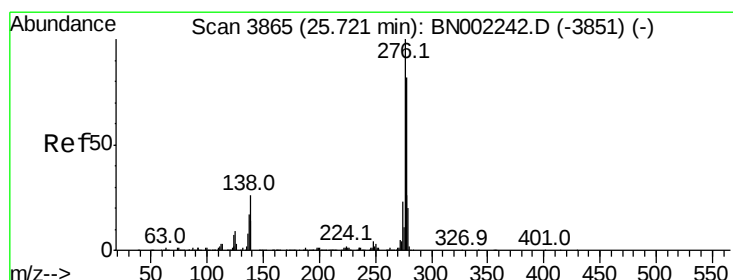
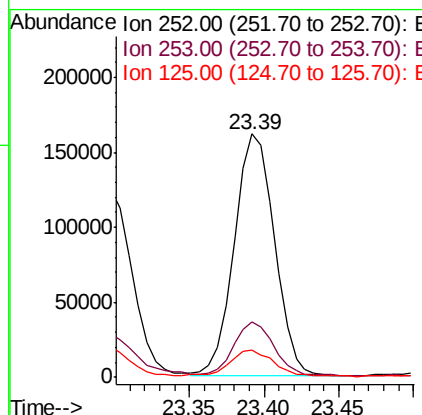
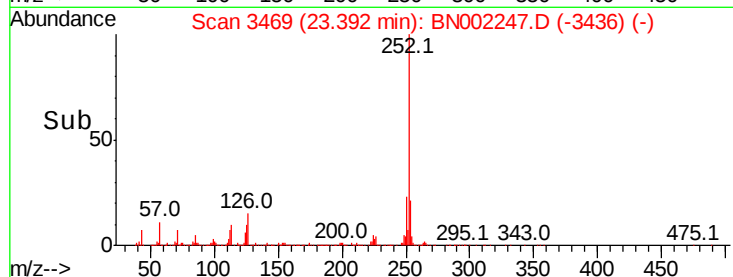
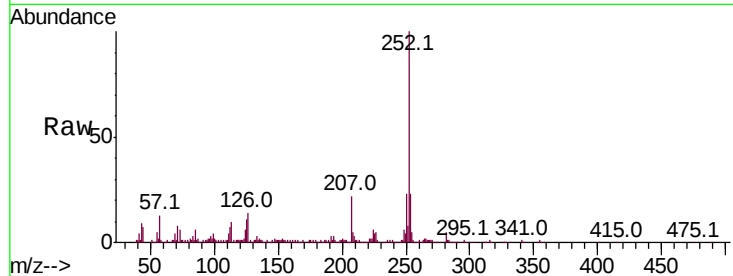
ClientSampleId :

C0AC4

Tot Ion:	252	Resp:	300312
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	11.0	9.0	13.6

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#91

Indeno(1,2,3-cd)pyrene

Concen: 4.473 ng/ul

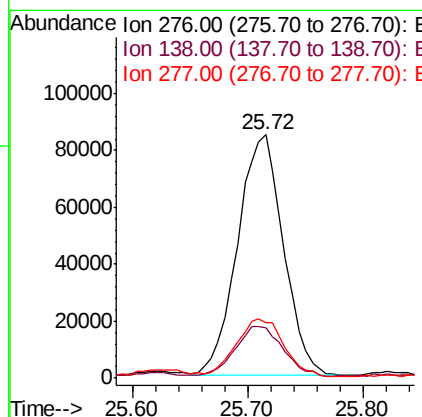
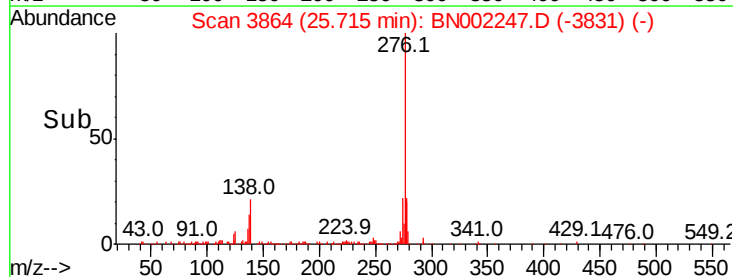
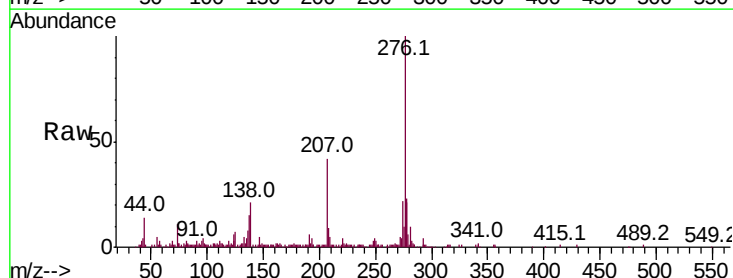
RT: 25.72 min Scan# 3864

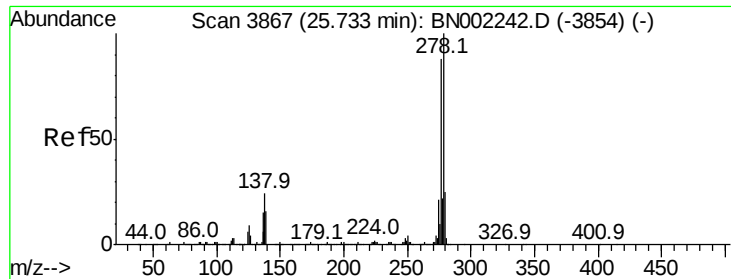
Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Tgt Ion:	276	Resp:	233475
Ion Ratio	Lower	Upper	
276	100		
138	20.8	22.3	33.5#
277	22.7	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 1.271 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_N

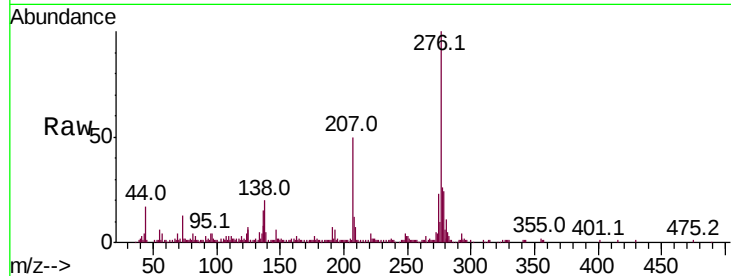
ClientSampleId :

C0AC4

Tot Ion:	278	Resp:	55510
Ion Ratio	Lower	Upper	
278	100		
139	21.0	13.9	20.9#
279	25.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:19 PM

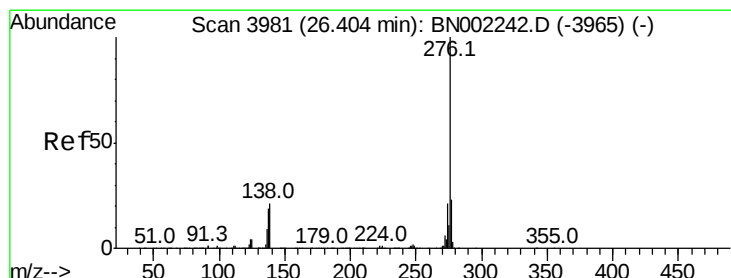
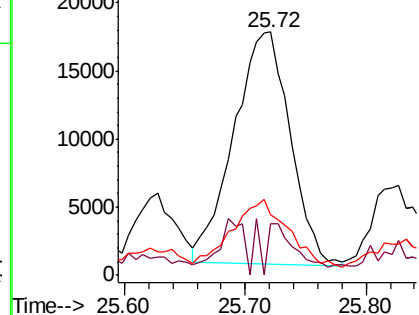
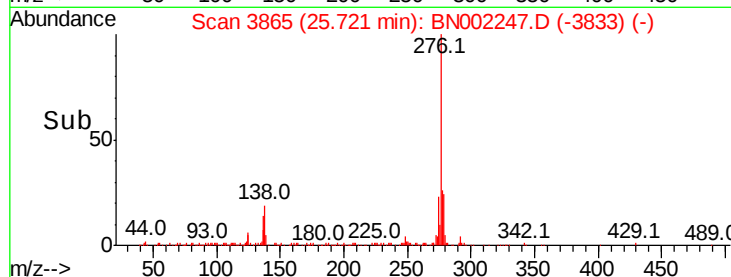


Abundance

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(g,h,i)perylene

Concen: 5.182 ng/ul

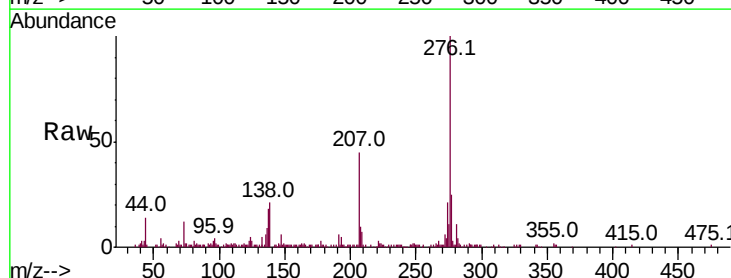
RT: 26.39 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Tgt Ion:	276	Resp:	227303
Ion Ratio	Lower	Upper	
276	100		
138	20.6	18.9	28.3
277	24.9	19.2	28.8



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

