

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005277.D
 Acq On : 25 Apr 2019 07:26
 Operator : JU/SJ
 Sample : K2455-21 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS1

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:32 PM

Quant Time: Apr 25 08:45:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	489145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2191473	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1318001	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2884202	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1971622	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	2079158	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7376	0.73	ng/uL	0.00
5) Phenol-d5	6.78	99	197996	5.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	114960	4.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	157166	5.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	166675	5.55	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	76171	5.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	83446	6.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	167168	5.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	58712	1.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	522252	5.46	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	644672	5.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	70323	4.66	ng/ul	0.00
57) Fluorene-d10	15.23	176	454067	5.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	29847	2.30	ng/ul	0.00
70) Anthracene-d10	17.08	188	665949	5.51	ng/ul	0.00
78) Pyrene-d10	19.40	212	630433	6.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	483744	5.32	ng/ul	-0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.69	163	105945	1.111	ng/ul#	95
47) Acenaphthylene	13.95	152	3015106	26.109	ng/ul	99
58) Fluorene	15.30	166	232361	2.623	ng/ul#	56
69) Phenanthrene	17.03	178	5815604	41.402	ng/ul	99
71) Anthracene	17.12	178	1829113	12.783	ng/ul	99
76) Fluoranthene	19.07	202	11874076	76.212	ng/ul	99
79) Pyrene	19.43	202	19035546m	149.949	ng/ul	
82) Benzo(a)anthracene	21.20	228	6916273m	56.388	ng/ul	
84) Chrysene	21.26	228	6784043	59.595	ng/ul	98
87) Benzo(b)fluoranthene	22.79	252	5742411	49.133	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	1568530m	14.052	ng/ul	
90) Benzo(a)pyrene	23.33	252	3112362	28.331	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.62	276	2341382	19.277	ng/ul	96
92) Dibenzo(a,h)anthracene	25.62	278	815115	7.908	ng/ul	95
93) Benzo(g,h,i)perylene	26.28	276	1714757	17.074	ng/ul	96

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

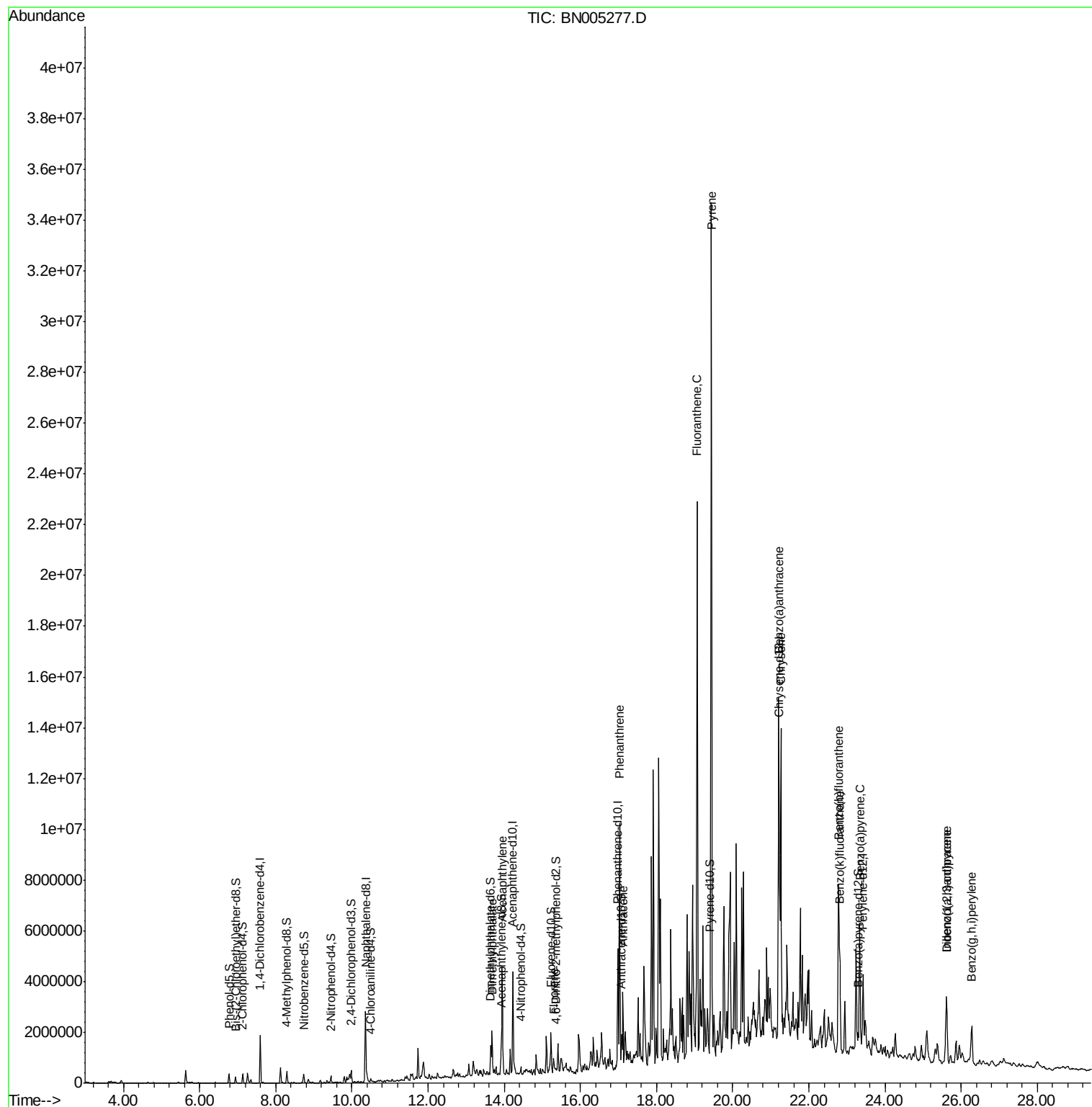
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005277.D
Acq On : 25 Apr 2019 07:26
Operator : JU/SJ
Sample : K2455-21 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

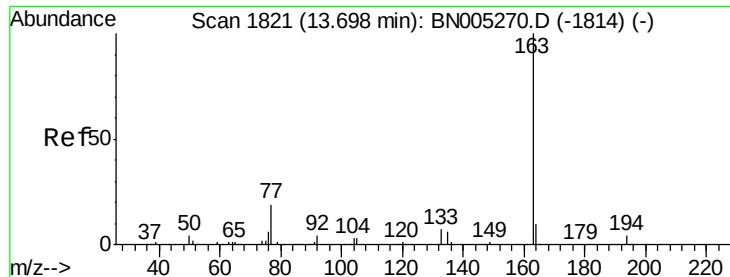
Instrument :
BNA_N
ClientSampleId :
GAHS1

Manual Integrations
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Quant Time: Apr 25 08:45:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.111 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Instrument :

BNA_N

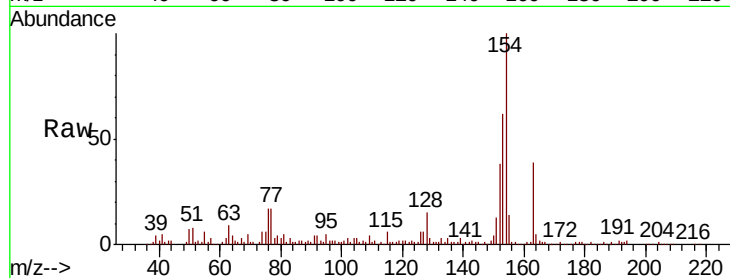
ClientSampled :

GAHS1

Tot Ion:	163	Resp:	105945
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	12.4	8.1	12.1#

Manual Integrations
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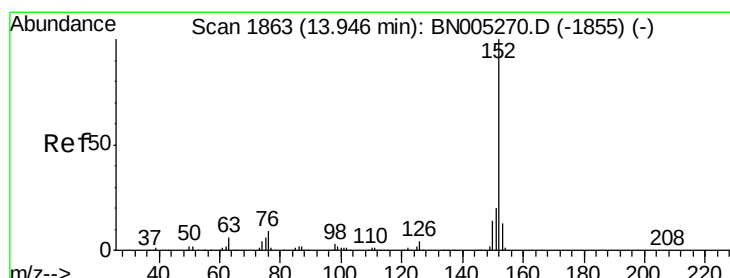
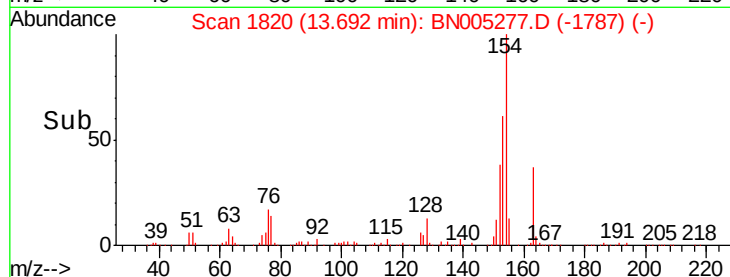
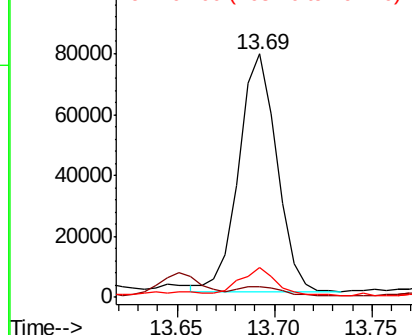


Abundance

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



#47

Acenaphthylene

Concen: 26.109 ng/ul

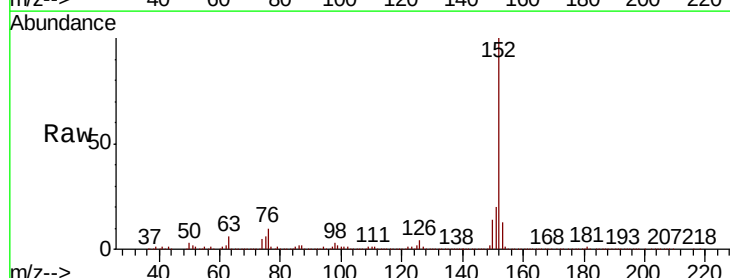
RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Tgt Ion:	152	Resp:	3015106
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.8	23.8
153	13.2	9.8	14.8

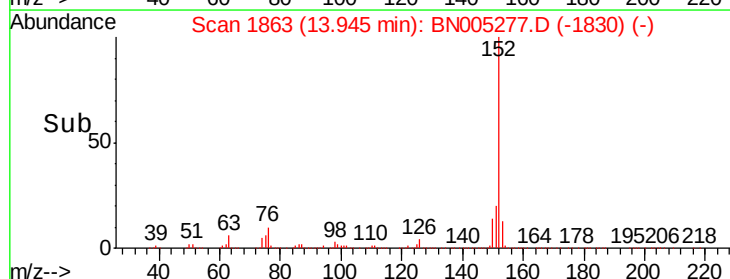
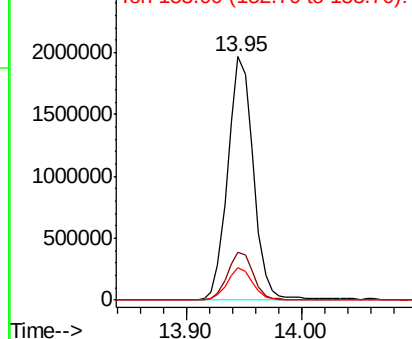


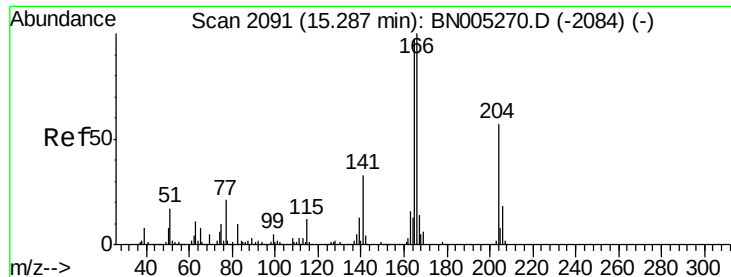
Abundance

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





#58

Fluorene

Concen: 2.623 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. 0.02 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Instrument :

BNA_N

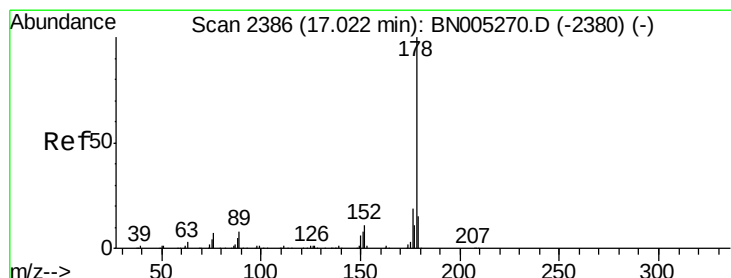
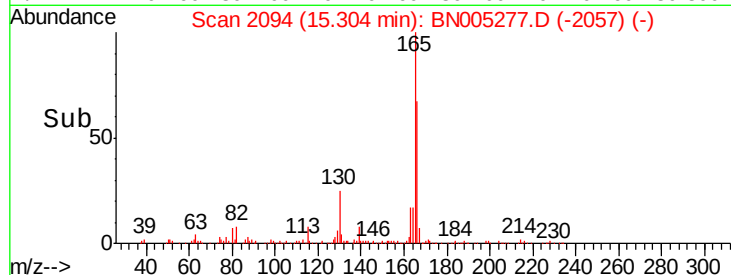
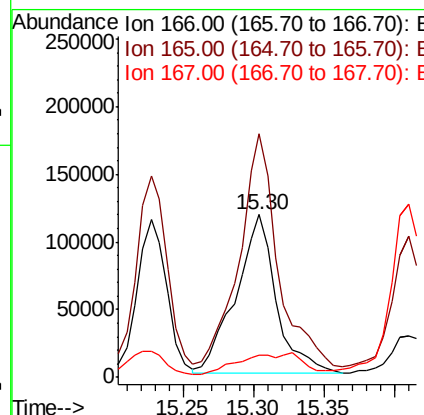
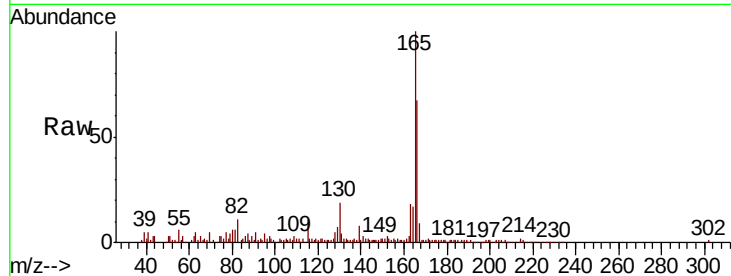
ClientSampled :

GAHS1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	149.5	80.0	120.0#		
167	13.4	10.7	16.1		

Manual Integrations
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#69

Phenanthrene

Concen: 41.402 ng/ul

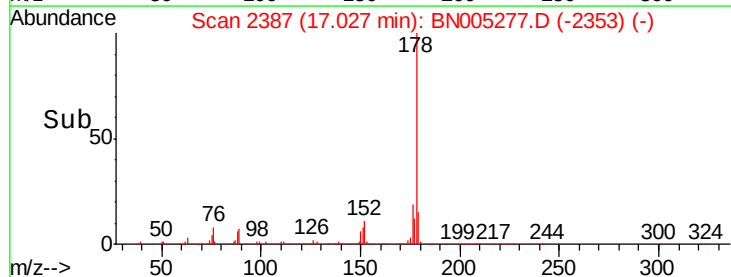
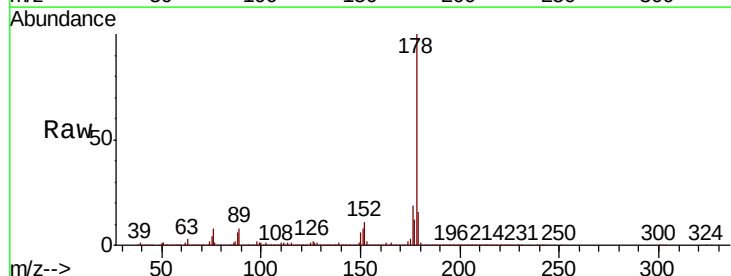
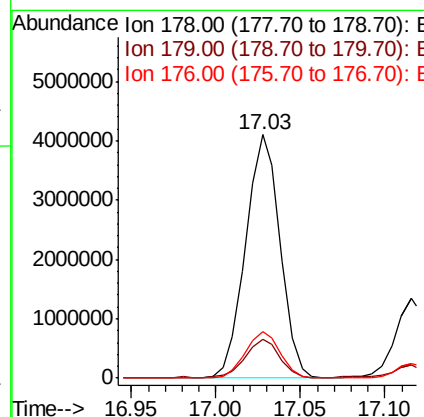
RT: 17.03 min Scan# 2387

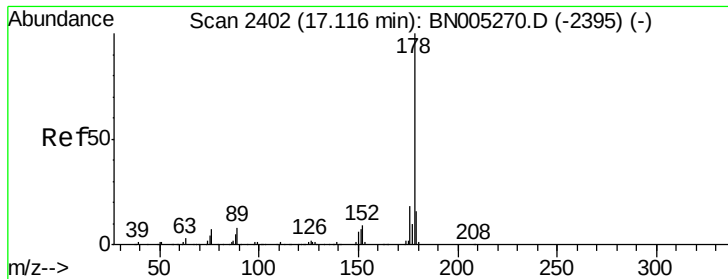
Delta R.T. 0.00 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.7	12.2	18.4		
176	19.3	15.1	22.7		





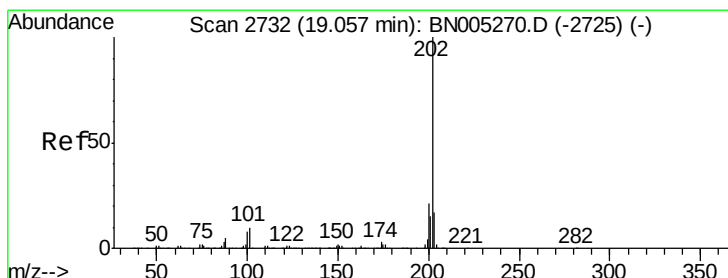
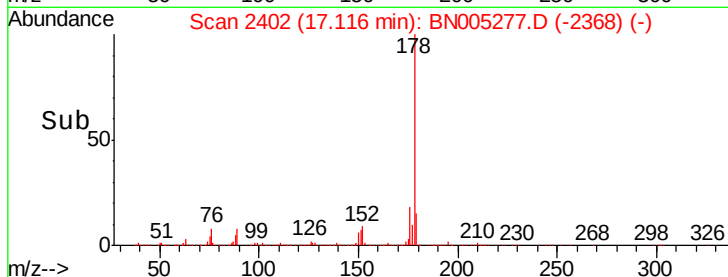
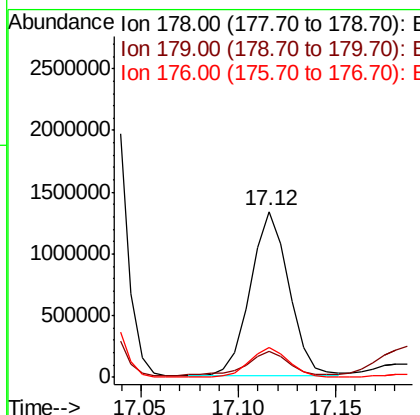
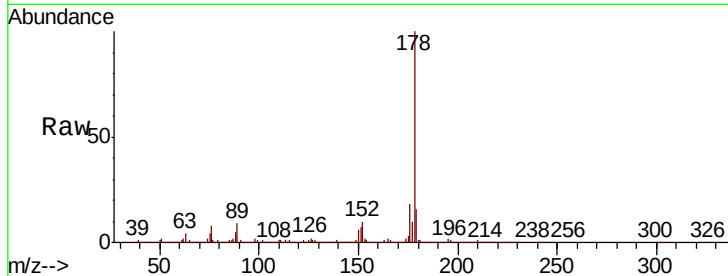
#71
 Anthracene
 Concen: 12.783 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005277.D
 Acq: 25 Apr 2019 07:26

Instrument :
 BNA_N
 ClientSampled :
 GAHS1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.1	15.1	22.7

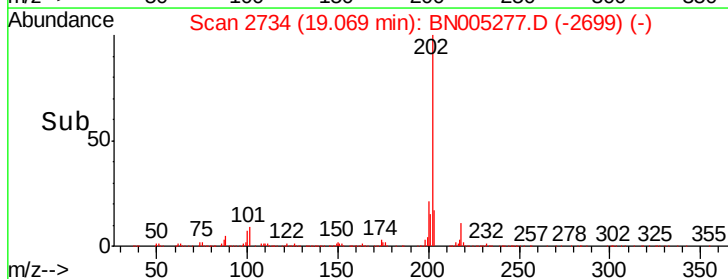
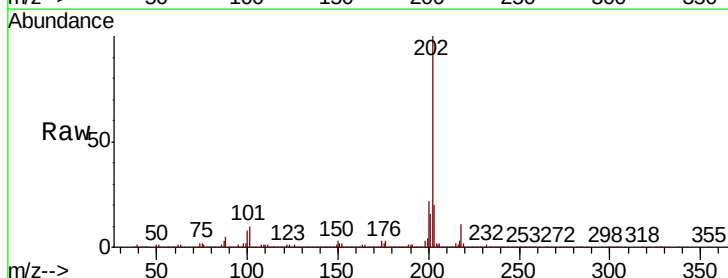
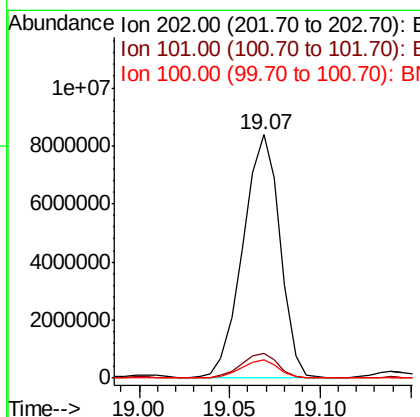
Manual Integrations
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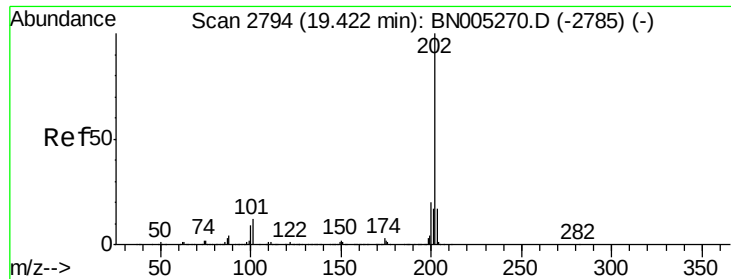
Sohil
 4/25/2019 5:35:32 PM



#76
 Fluoranthene
 Concen: 76.212 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: BN005277.D
 Acq: 25 Apr 2019 07:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.6	12.8
100	7.7	6.3	9.5





#79

Pvrene

Concen: 149.949 ng/ul m

RT: 19.43 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Instrument :

BNA_N

ClientSampled :

GAHS1

Tot Ion:202 Resp:19035546

Ion Ratio Lower Upper

202 100

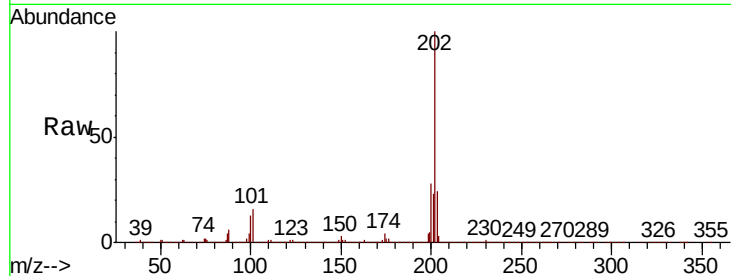
101 15.6 10.3 15.5#

100 12.8 7.9 11.9#

Manual Integrations
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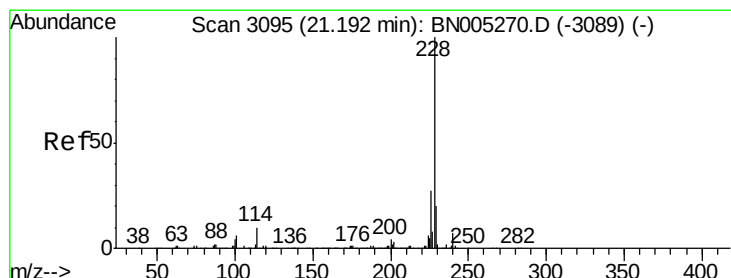
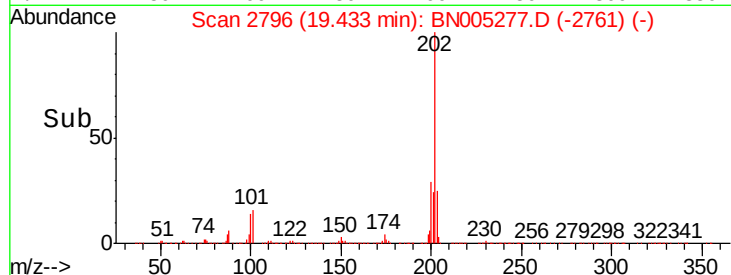
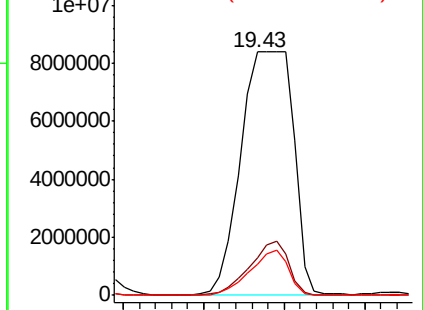
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 56.388 ng/ul m

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Tgt Ion:228 Resp: 6916273

Ion Ratio Lower Upper

228 100

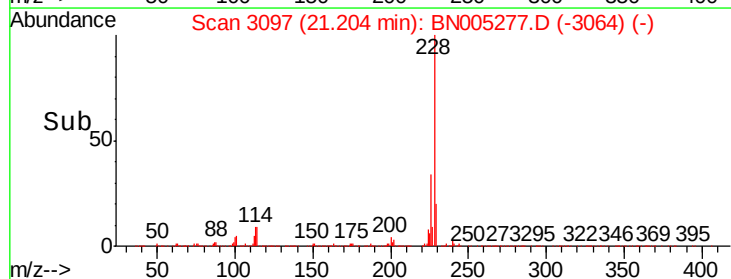
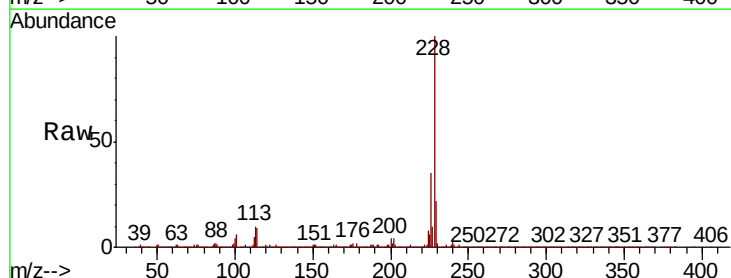
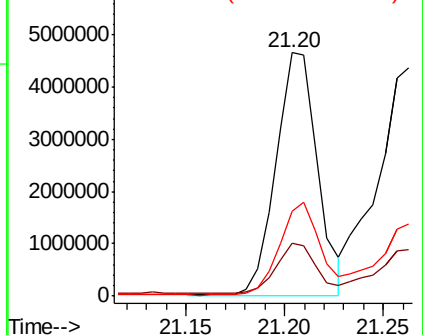
229 21.7 15.8 23.6

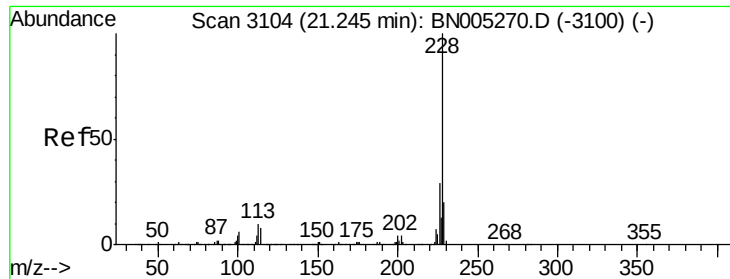
226 35.1 21.4 32.2#

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





#84

Chrysene

Concen: 59.595 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Instrument :

BNA_N

ClientSampled :

GAHS1

Tot Ion:228 Resp: 6784043

Ion Ratio Lower Upper

228 100

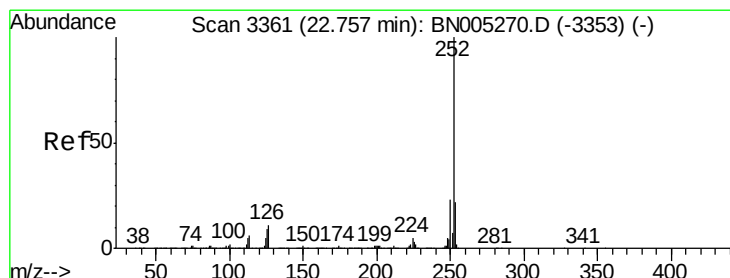
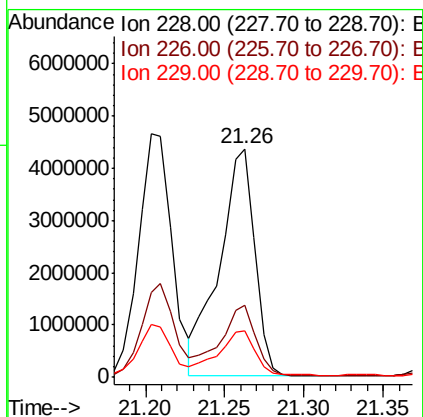
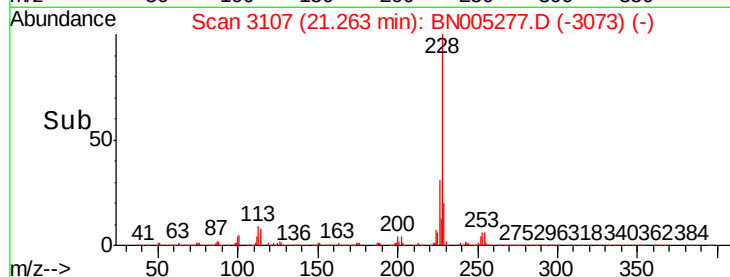
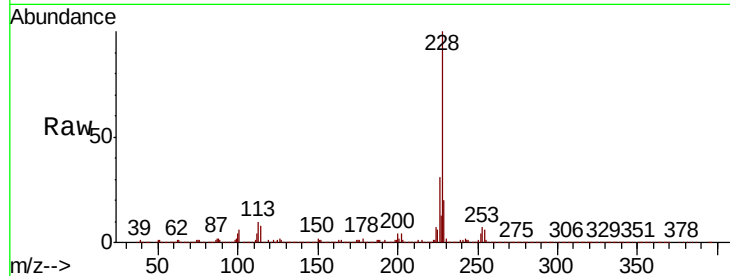
226 31.4 24.0 36.0

229 20.1 15.4 23.0

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 49.133 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

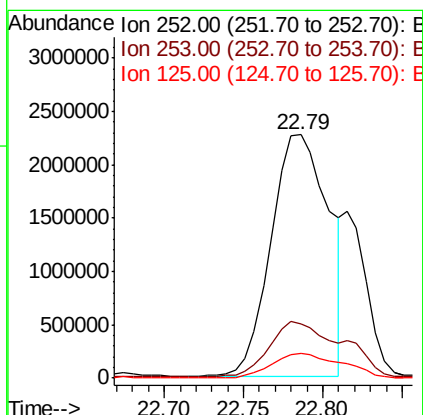
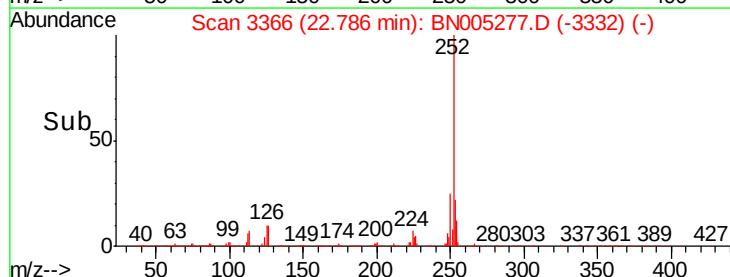
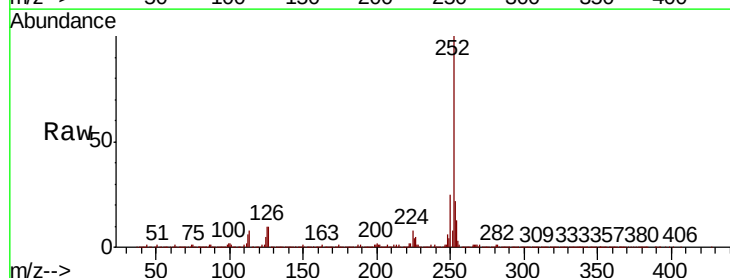
Tgt Ion:252 Resp: 5742411

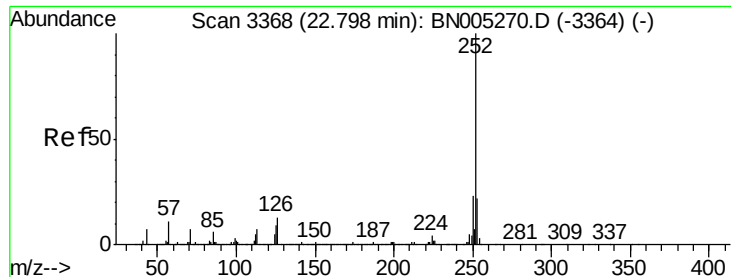
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.1 8.4 12.6





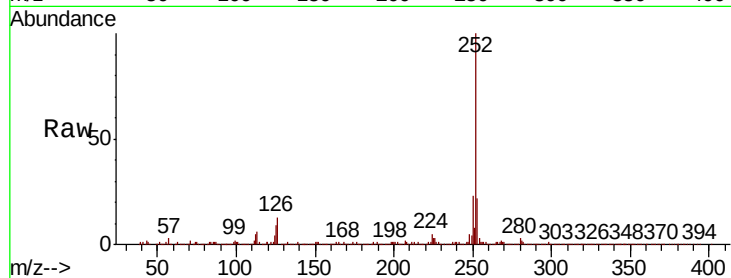
#88
Benzo(k)fluoranthene
Concen: 14.052 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN005277.D
Acq: 25 Apr 2019 07:26

Instrument :
BNA_N
ClientSampleId :
GAHS1

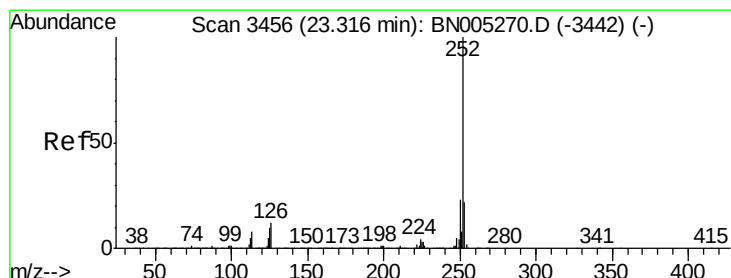
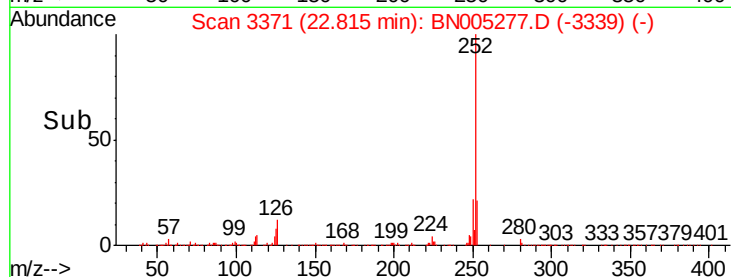
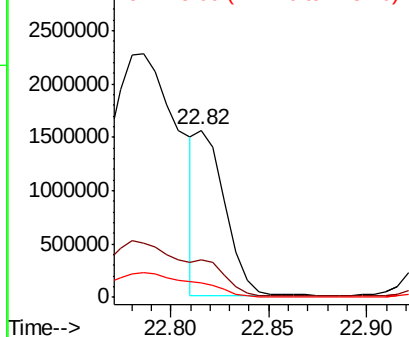
Tot Ion:252 Resp: 1568530
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 8.8 7.5 11.3

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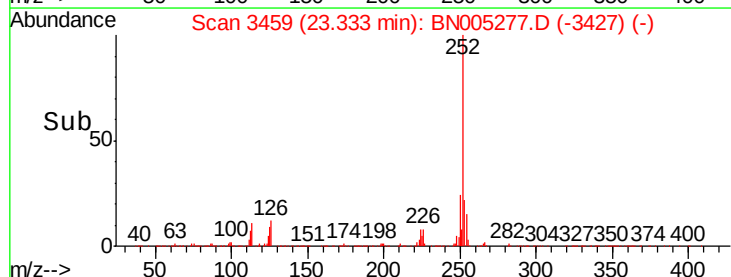
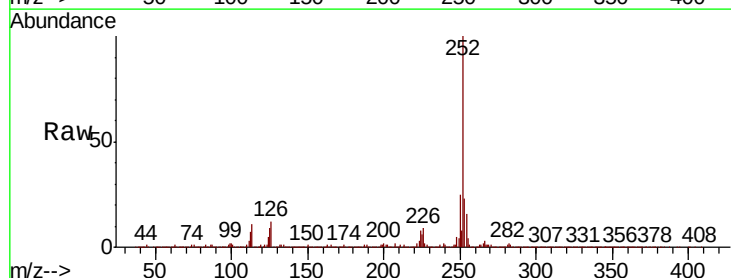
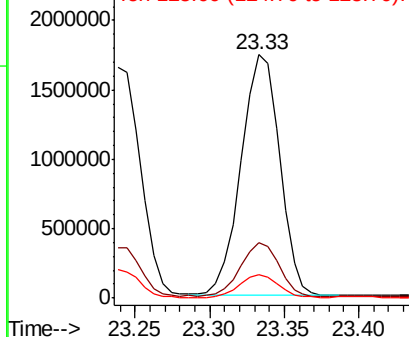
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

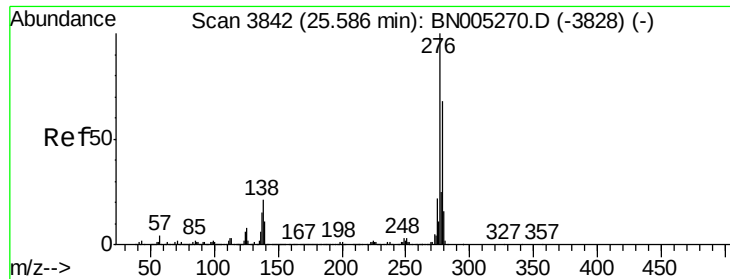


#90
Benzo(a)pyrene
Concen: 28.331 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BN005277.D
Acq: 25 Apr 2019 07:26

Tgt Ion:252 Resp: 3112362
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 9.5 8.6 13.0

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





#91

Indeno(1,2,3-cd)pyrene

Concen: 19.277 ng/ul

RT: 25.62 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BN005277.D

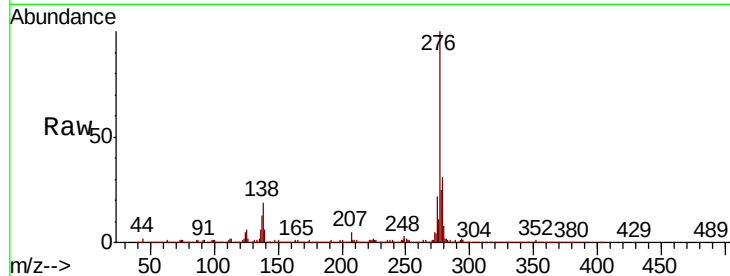
Acq: 25 Apr 2019 07:26

Instrument :
BNA_N
ClientSampled :
GAHS1

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	17.9	26.9
277	24.7	19.7	29.5

Manual Integrations
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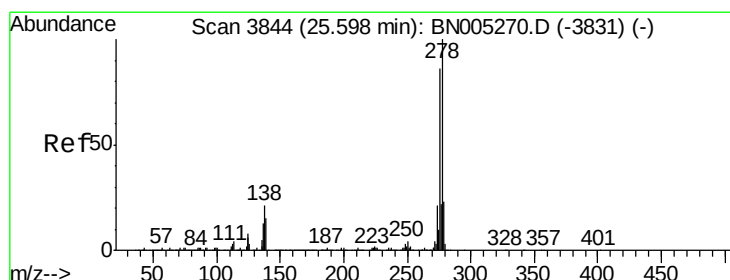
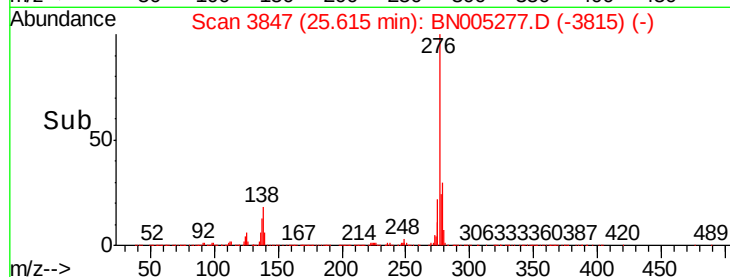
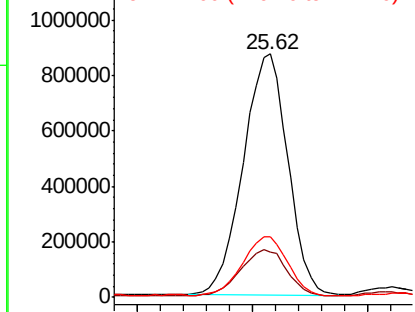


Abundance

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: 7.908 ng/ul

RT: 25.62 min Scan# 3847

Delta R.T. -0.02 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

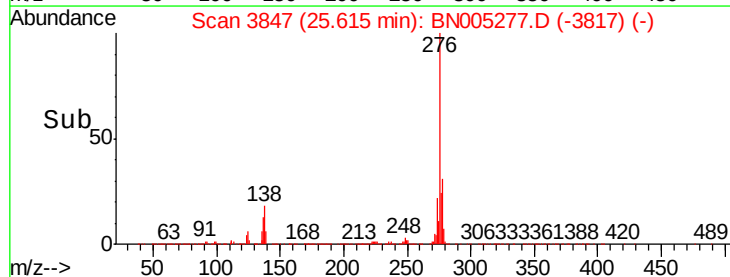
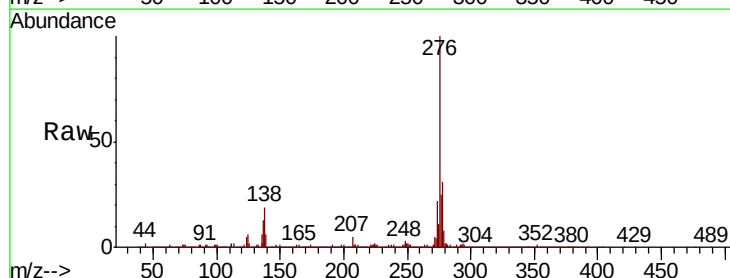
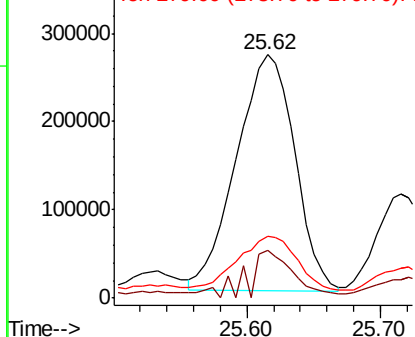
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.1	19.7
279	25.6	19.4	29.0

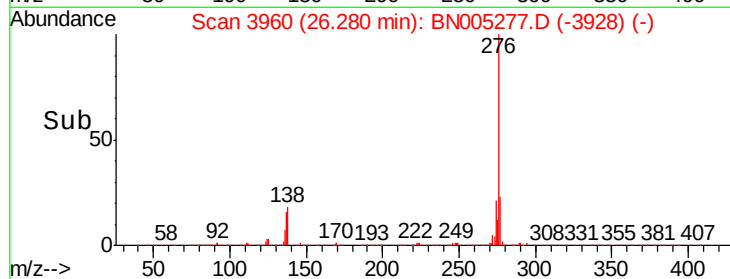
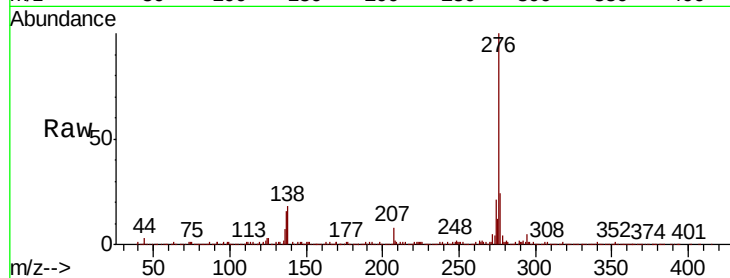
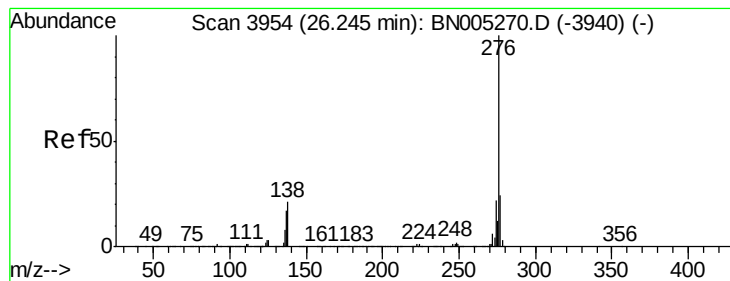
Abundance

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: 17.074 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. -0.01 min

Lab File: BN005277.D

Acq: 25 Apr 2019 07:26

Tot Ion:	276	Resp:	1714757
Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.7	25.1
277	23.7	18.2	27.2

Instrument :

BNA_N

ClientSampleId :

GAHS1

Manual Integrations
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