

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005199.D
 Acq On : 23 Apr 2019 06:13
 Operator : JU/SJ
 Sample : K2455-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ6

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:19:58 PM

Quant Time: Apr 23 07:14:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	450748	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2208870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1503595	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	3109479	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2442710	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	2781706	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	91617	9.81	ng/uL	0.00
5) Phenol-d5	6.78	99	1128157	31.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	686956	31.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	881161	32.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	930987	33.64	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	437844	32.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	493181	35.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	926190	29.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	873115	26.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2728711	25.00	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	3340801	24.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	362363	21.03	ng/ul	0.00
57) Fluorene-d10	15.23	176	2203383	24.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	229729	16.43	ng/ul	0.00
70) Anthracene-d10	17.08	188	3130827	24.02	ng/ul	0.00
78) Pyrene-d10	19.40	212	3101972	24.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	2922116	24.04	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.80	94	88645	2.434	ng/ul 99
44) Dimethylphthalate	13.70	163	892192	8.203	ng/ul 100
47) Acenaphthylene	13.95	152	2177036	16.525	ng/ul 99
58) Fluorene	15.30	166	113413m	1.122	ng/ul
69) Phenanthrene	17.03	178	1143980	7.554	ng/ul 99
71) Anthracene	17.12	178	852454	5.526	ng/ul 98
76) Fluoranthene	19.06	202	8291785	49.364	ng/ul 99
79) Pyrene	19.43	202	14511264	92.265	ng/ul# 93
82) Benzo(a)anthracene	21.20	228	6177544m	40.652	ng/ul
84) Chrysene	21.26	228	5734941	40.663	ng/ul 97
87) Benzo(b)fluoranthene	22.78	252	4556916	29.142	ng/ul 99
88) Benzo(k)fluoranthene	22.81	252	1554443m	10.409	ng/ul
90) Benzo(a)pyrene	23.33	252	4549729	30.955	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.60	276	2097636	12.908	ng/ul 97
92) Dibenzo(a,h)anthracene	25.61	278	674737	4.893	ng/ul 96
93) Benzo(g,h,i)perylene	26.26	276	1498690	11.154	ng/ul 97

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

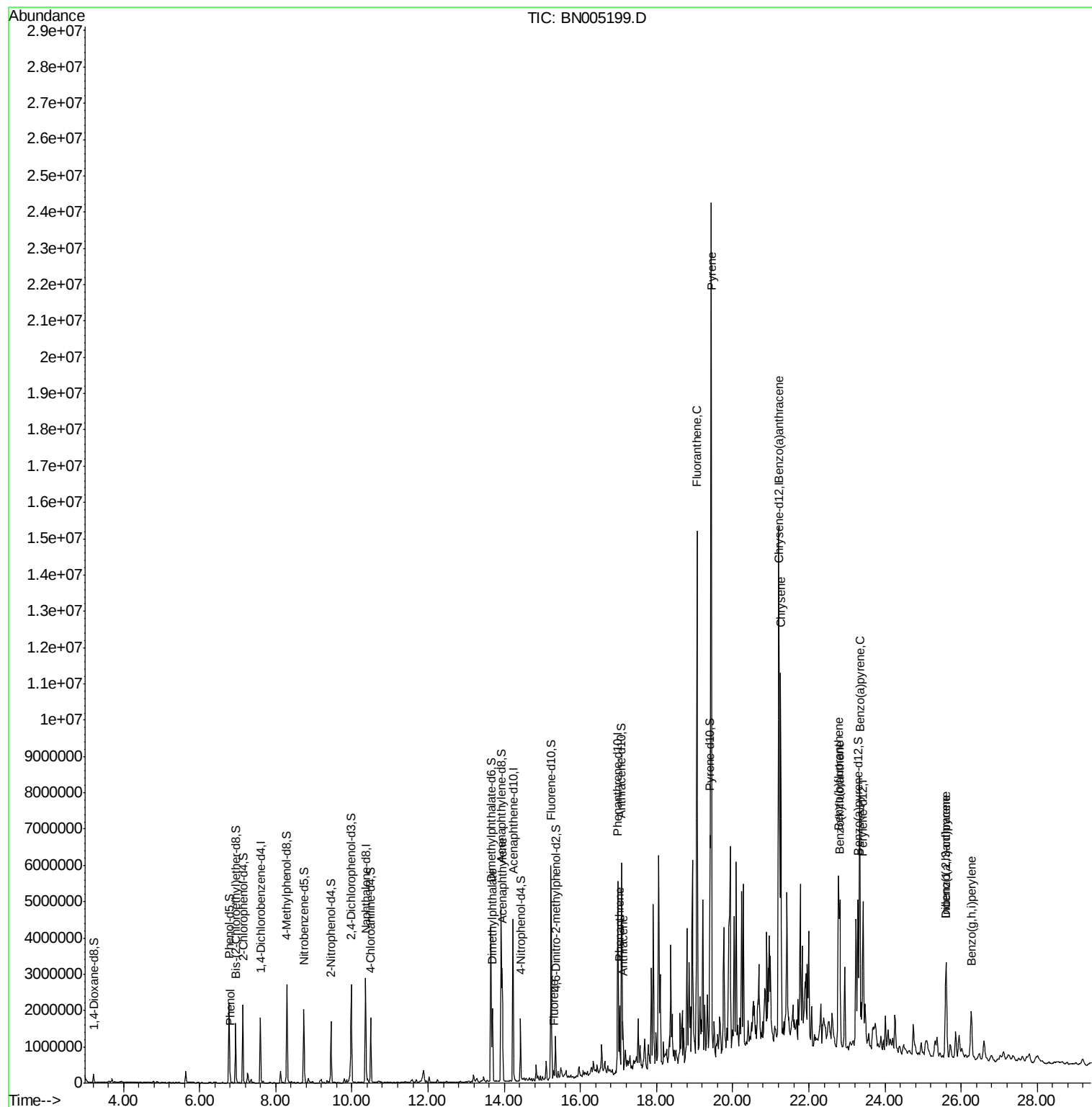
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005199.D
Acq On : 23 Apr 2019 06:13
Operator : JU/SJ
Sample : K2455-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

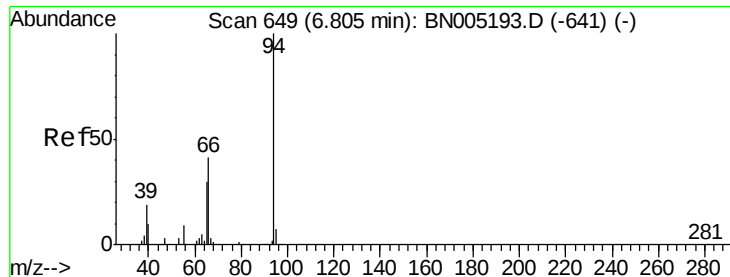
Instrument :
BNA_N
ClientSampleId :
GAHQ6

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Quant Time: Apr 23 07:14:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.434 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

Instrument :

BNA_N

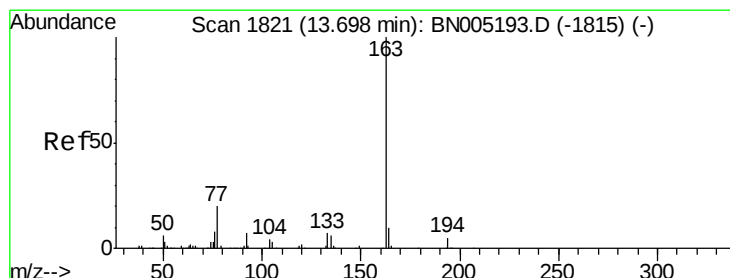
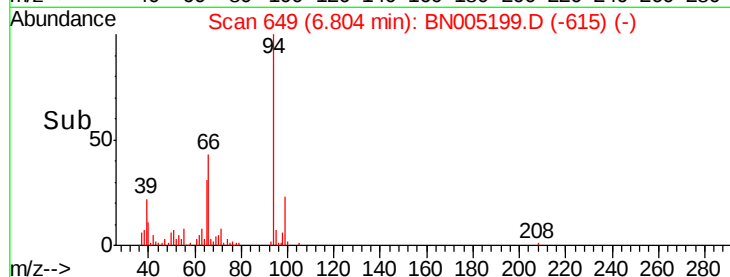
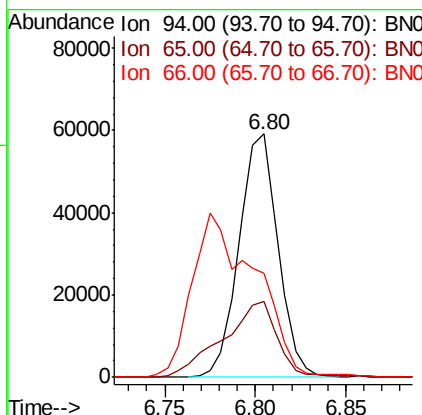
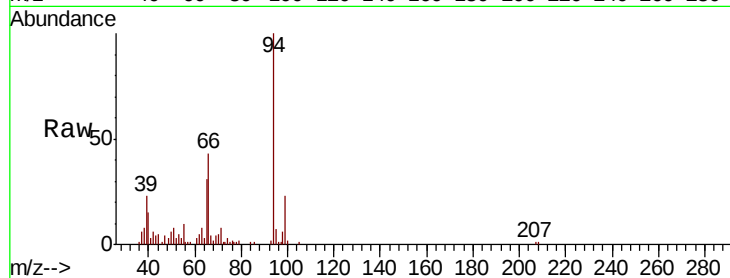
ClientSampleId :

GAHQ6

Tot Ion:	94	Resp:	88645
Ion Ratio	Lower	Upper	
94	100		
65	31.3	24.2	36.4
66	42.7	33.8	50.6

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#44

Dimethylphthalate

Concen: 8.203 ng/ul

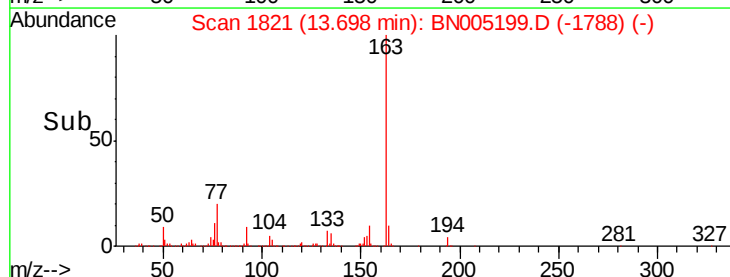
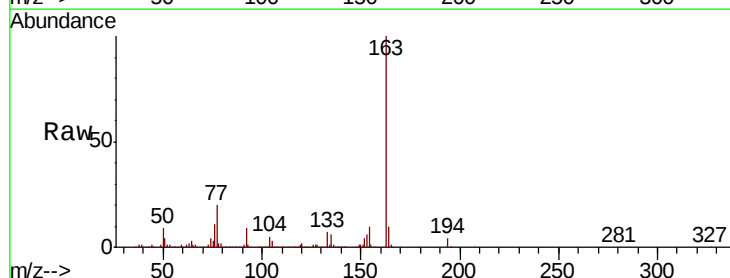
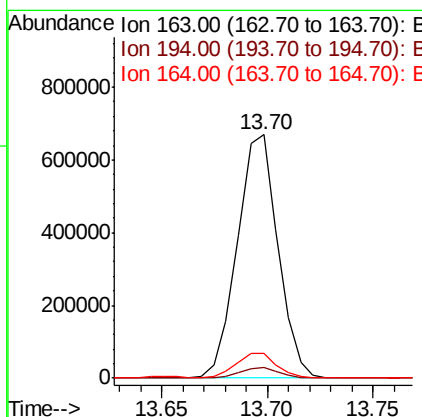
RT: 13.70 min Scan# 1821

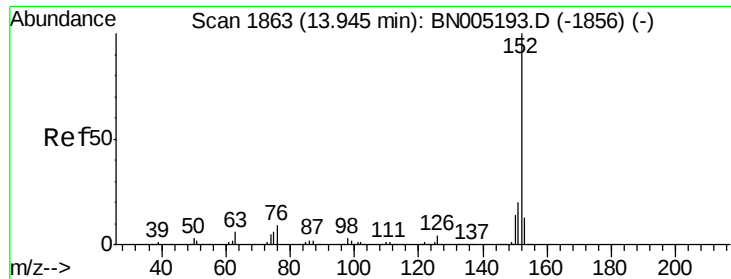
Delta R.T. -0.01 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

Tgt Ion:	163	Resp:	892192
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	10.1	8.1	12.1





#47

Acenaphthylene

Concen: 16.525 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

Instrument :

BNA_N

ClientSampleId :

GAHQ6

Tot Ion:152 Resp: 2177036

Ion Ratio Lower Upper

152 100

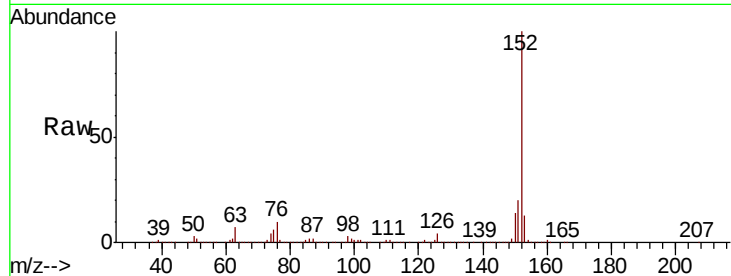
151 20.1 15.8 23.8

153 12.9 9.8 14.8

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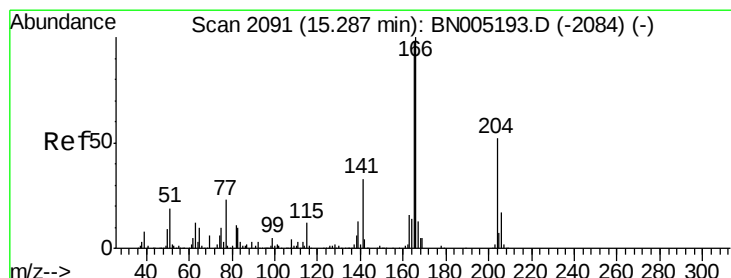
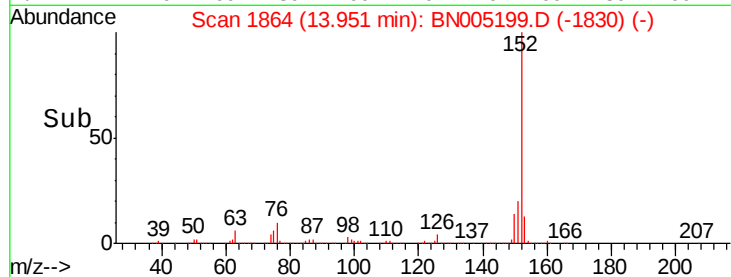
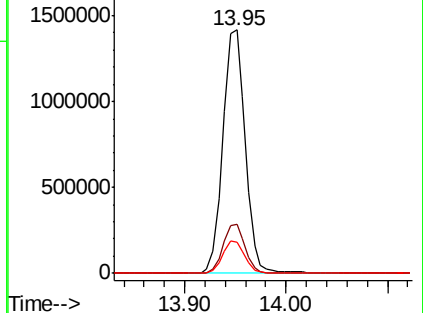
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#58

Fluorene

Concen: 1.122 ng/ul m

RT: 15.30 min Scan# 2094

Delta R.T. 0.02 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

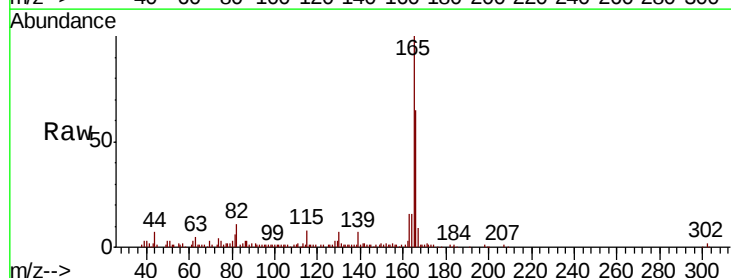
Tgt Ion:166 Resp: 113413

Ion Ratio Lower Upper

166 100

165 152.9 80.0 120.0#

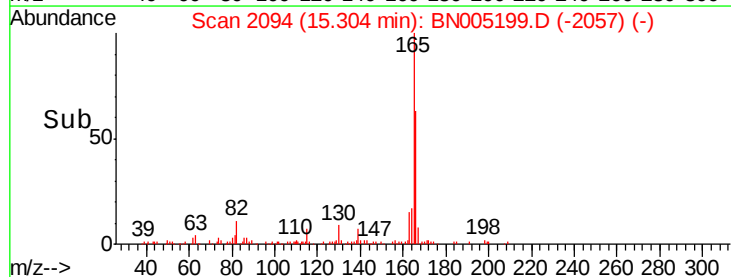
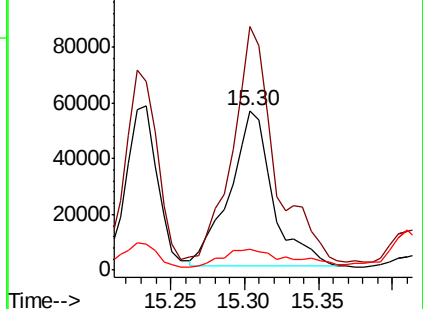
167 13.4 10.7 16.1

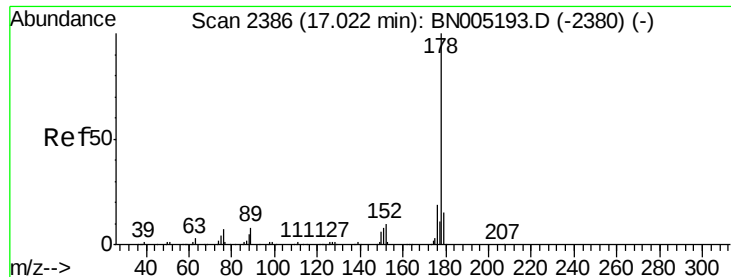


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





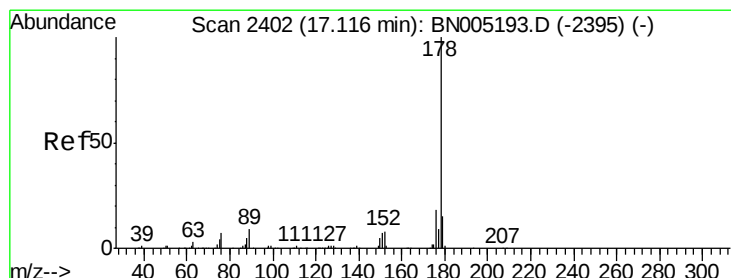
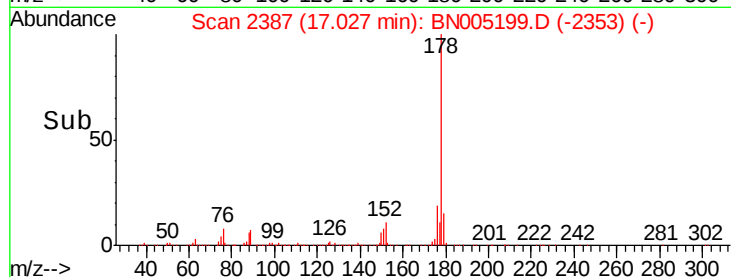
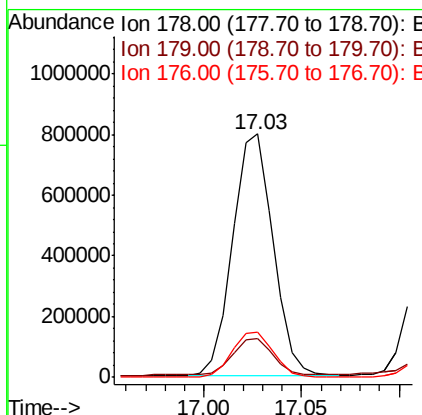
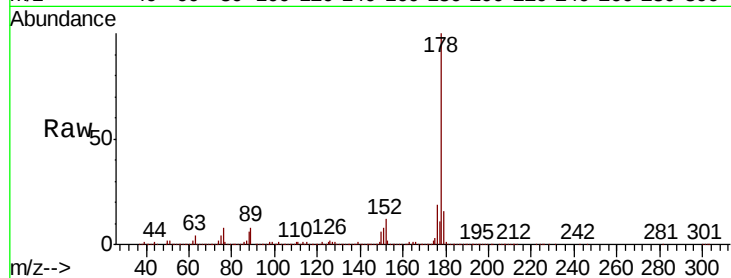
#69
 Phenanthrene
 Concen: 7.554 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.00 min
 Lab File: BN005199.D
 Acq: 23 Apr 2019 06:13

Instrument :
 BNA_N
 ClientSampled :
 GAHQ6

Tot Ion:178 Resp: 1143980
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.2 18.4
 176 18.6 15.1 22.7

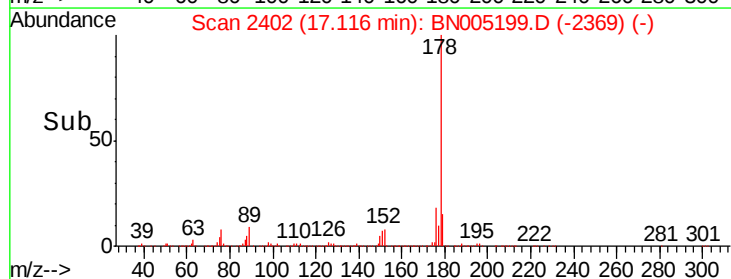
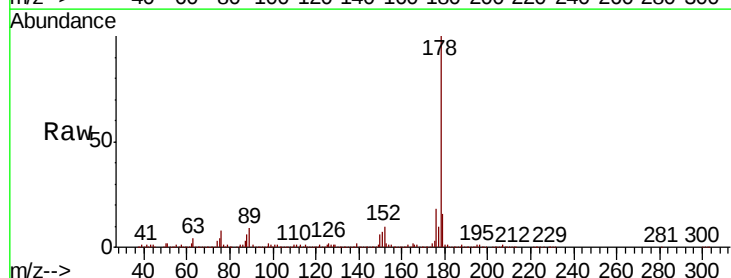
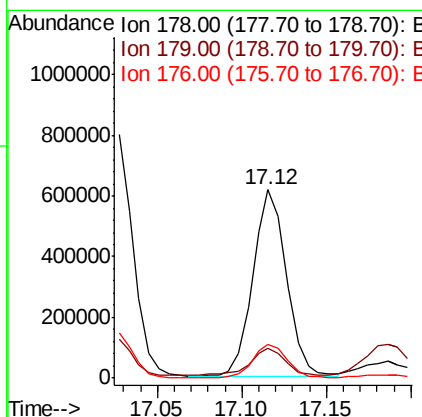
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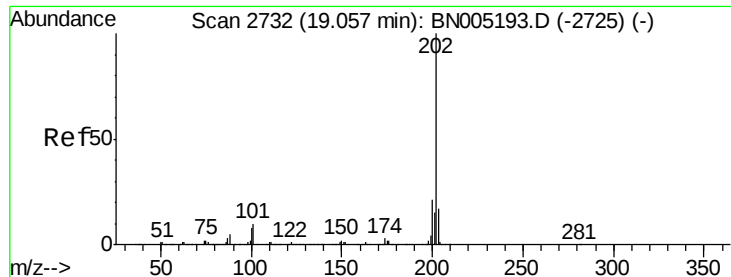
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#71
 Anthracene
 Concen: 5.526 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BN005199.D
 Acq: 23 Apr 2019 06:13

Tgt Ion:178 Resp: 852454
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.3 18.5
 176 17.8 15.1 22.7





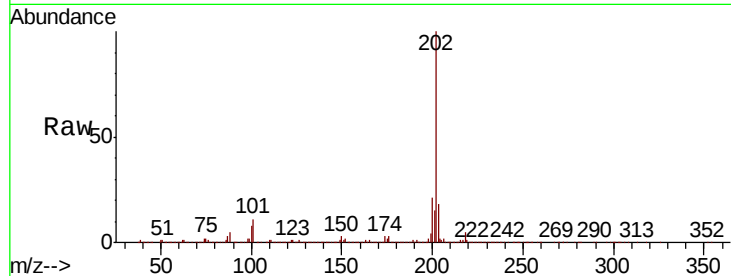
#76
Fluoranthene
Concen: 49.364 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005199.D
Acq: 23 Apr 2019 06:13

Instrument :
BNA_N
ClientSampleId :
GAHQ6

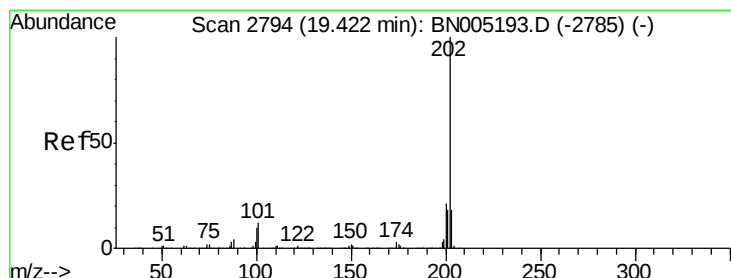
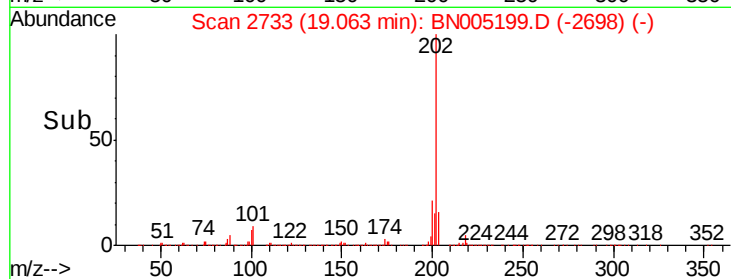
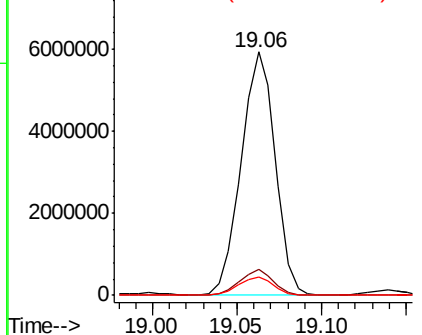
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.6	12.8
100	7.7	6.3	9.5

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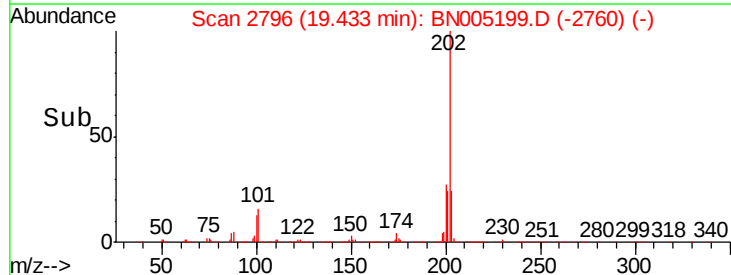
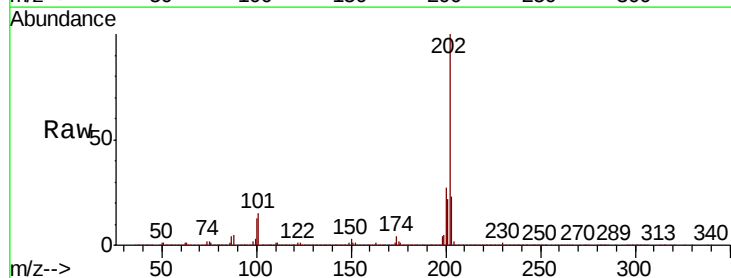
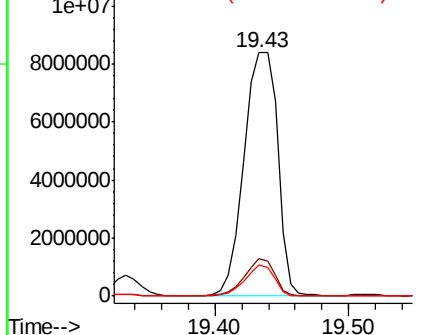
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

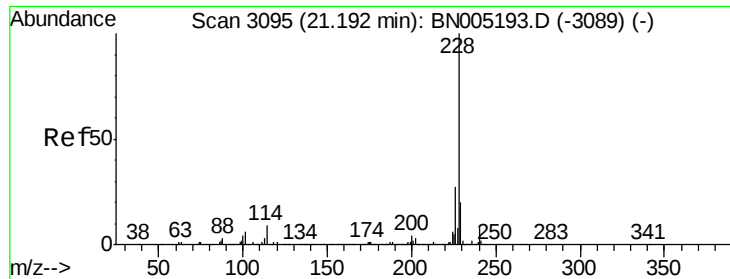


#79
Pyrene
Concen: 92.265 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005199.D
Acq: 23 Apr 2019 06:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	10.3	15.5
100	12.6	7.9	11.9#

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





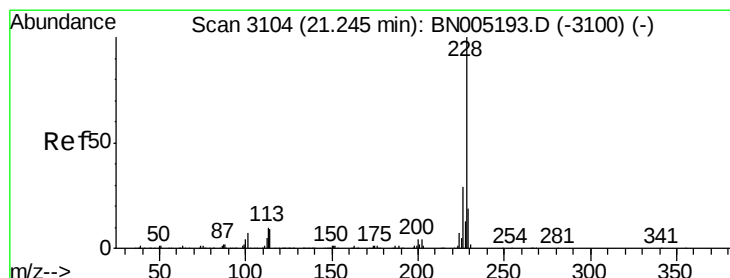
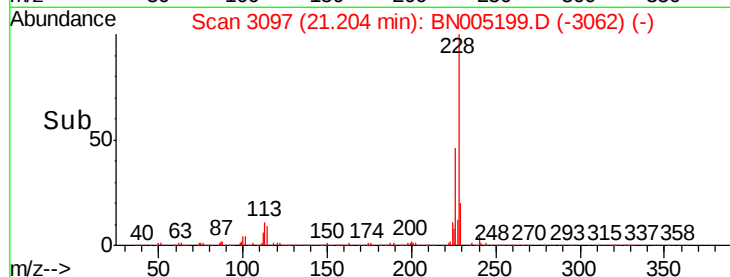
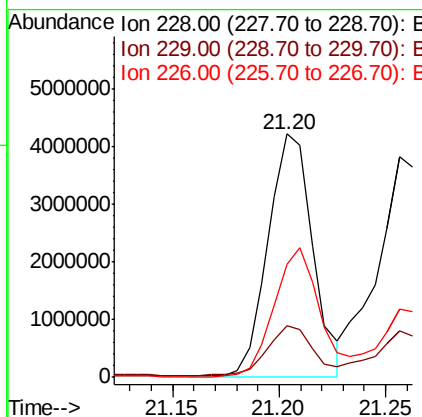
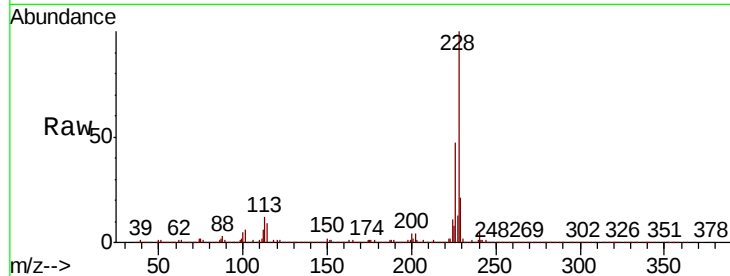
#82
Benzo(a)anthracene
Concen: 40.652 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN005199.D
Acq: 23 Apr 2019 06:13

Instrument :
BNA_N
ClientSampled :
GAHQ6

Tot Ion:228 Resp: 6177544
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 46.5 21.4 32.2#

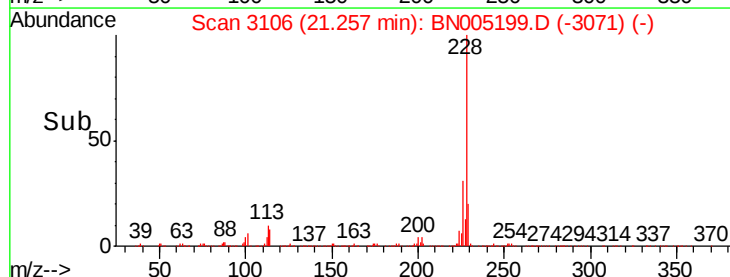
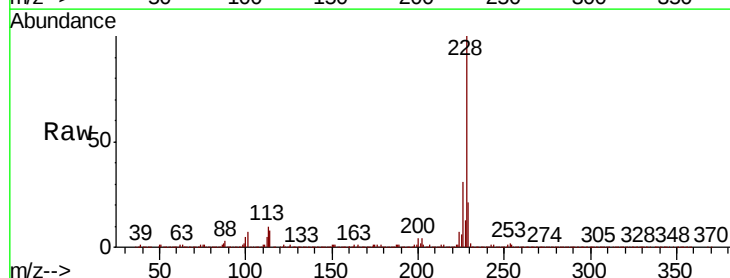
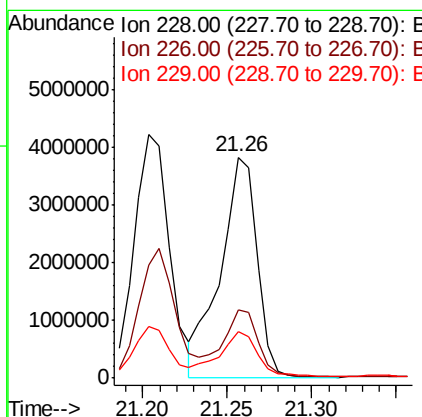
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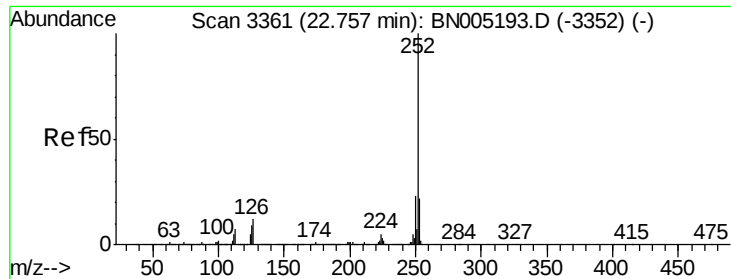
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#84
Chrysene
Concen: 40.663 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN005199.D
Acq: 23 Apr 2019 06:13

Tgt Ion:228 Resp: 5734941
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.0 15.4 23.0





#87

Benzo(b)fluoranthene

Concen: 29.142 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

Instrument :

BNA_N

ClientSampleId :

GAHQ6

Tot Ion:252 Resp: 4556916

Ion Ratio Lower Upper

252 100

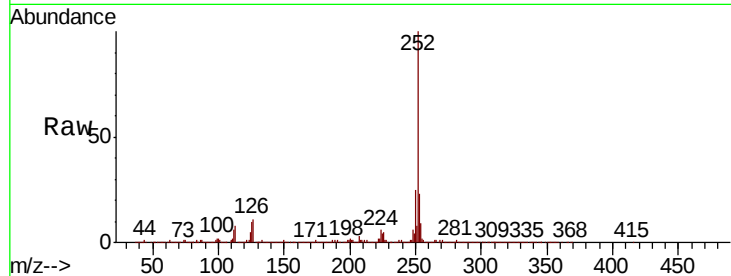
253 22.8 17.7 26.5

125 10.3 8.4 12.6

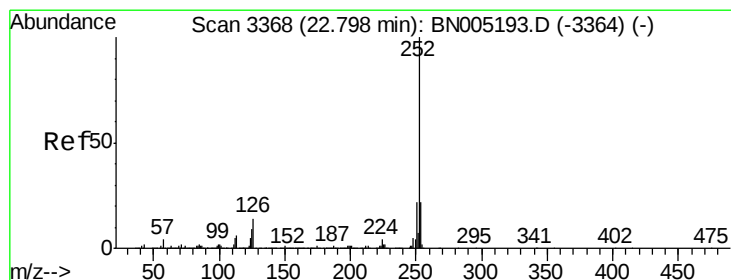
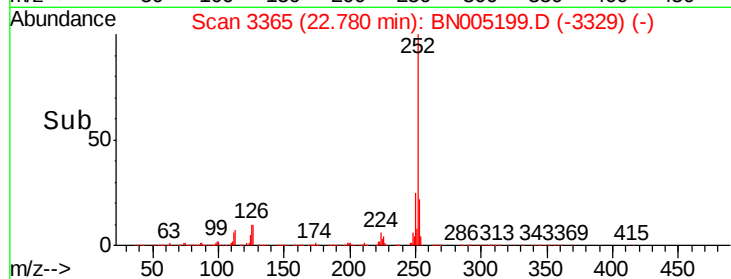
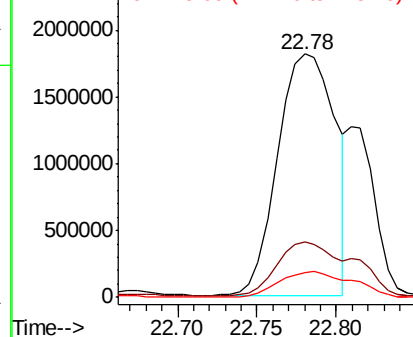
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Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 10.409 ng/ul m

RT: 22.81 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

Tgt Ion:252 Resp: 1554443

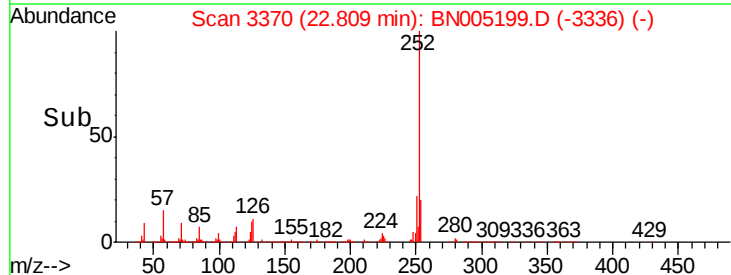
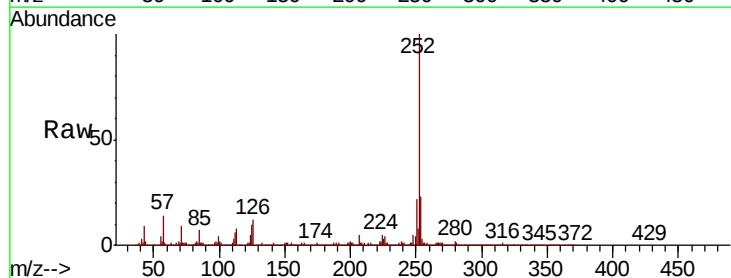
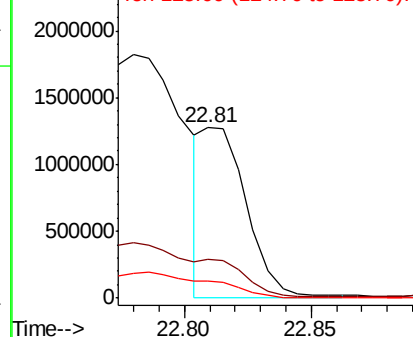
Ion Ratio Lower Upper

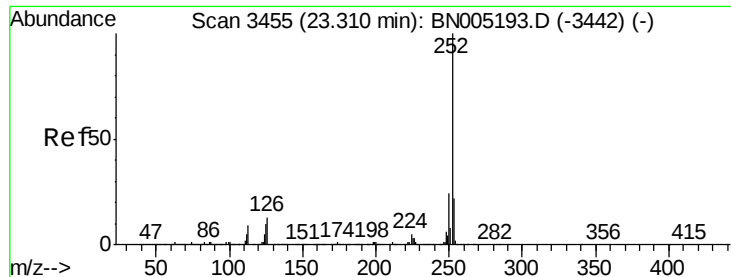
252 100

253 22.5 17.4 26.0

125 9.8 7.5 11.3

Abundance Ion 252.00 (251.70 to 252.70): E
2500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 30.955 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

Instrument :

BNA_N

ClientSampled :

GAHQ6

Tot Ion:252 Resp: 4549729

Ion Ratio Lower Upper

252 100

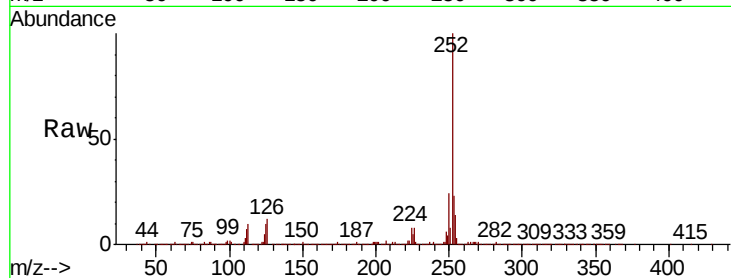
253 22.7 17.3 25.9

125 10.0 8.6 13.0

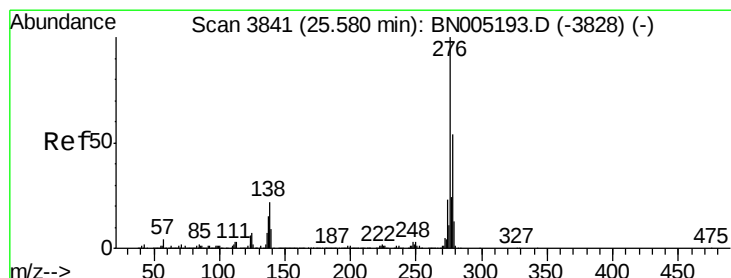
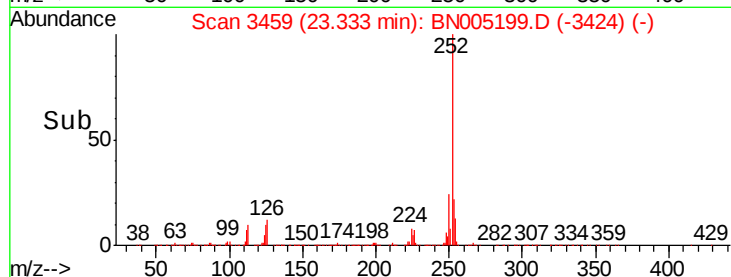
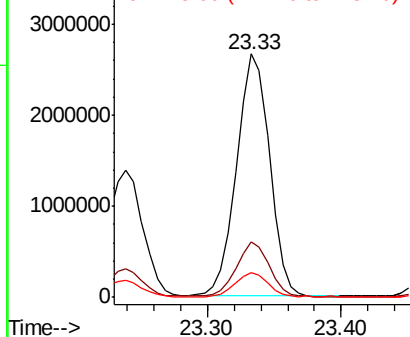
Manual Integrations
APPROVED

Sohil

4/23/2019 4:19:58 PM



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: 12.908 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.00 min

Lab File: BN005199.D

Acq: 23 Apr 2019 06:13

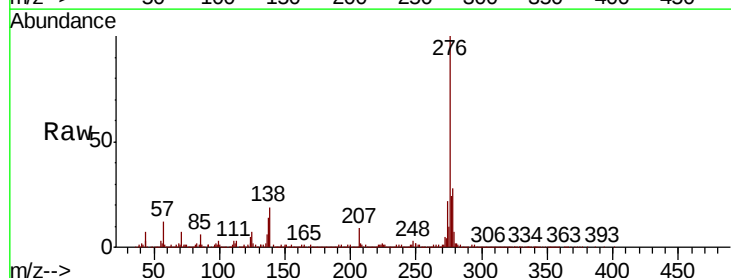
Tgt Ion:276 Resp: 2097636

Ion Ratio Lower Upper

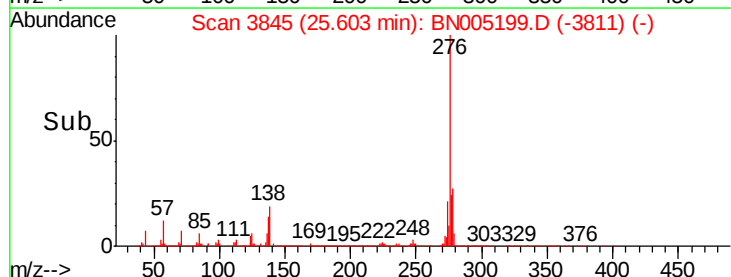
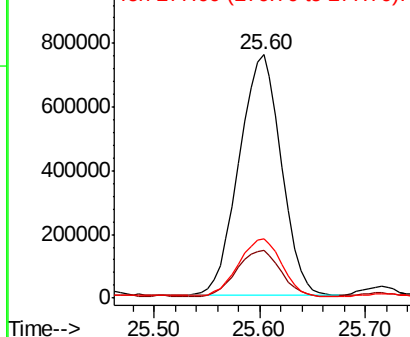
276 100

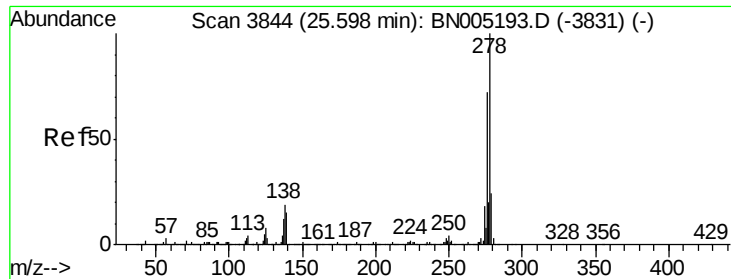
138 19.5 17.9 26.9

277 24.3 19.7 29.5



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





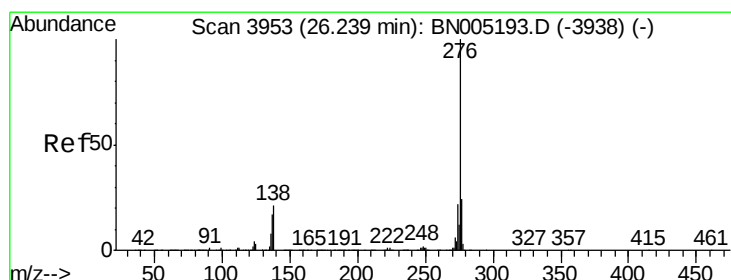
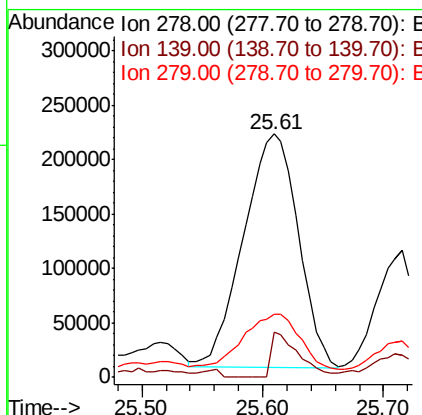
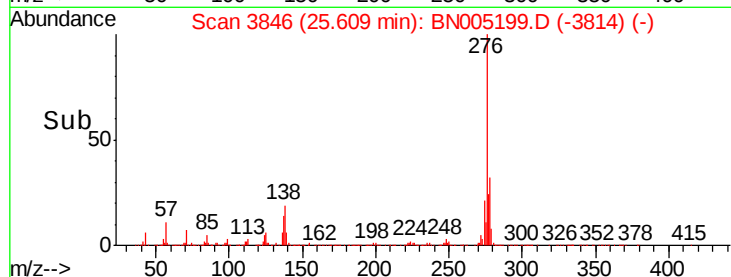
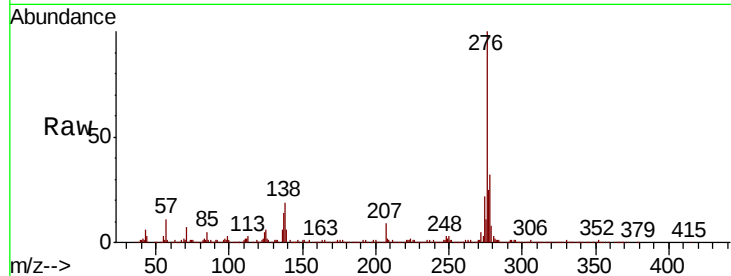
#92
Dibenzo(a,h)anthracene
Concen: 4.893 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN005199.D
Acq: 23 Apr 2019 06:13

Instrument :
BNA_N
ClientSampled :
GAHQ6

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.1	19.7
279	26.1	19.4	29.0

Manual Integrations
APPROVED

Sohil
4/23/2019 4:19:58 PM



#93
Benzo(g,h,i)perylene
Concen: 11.154 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.00 min
Lab File: BN005199.D
Acq: 23 Apr 2019 06:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.7	25.1
277	24.6	18.2	27.2

