

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
 Data File : BN007697.D
 Acq On : 17 Sep 2019 15:19
 Operator : HP/JU
 Sample : K4633-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2D06DL

Manual Integrations
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mohammad
 9/18/2019 8:34:22 AM

Quant Time: Sep 18 01:59:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	582328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2508541	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1631750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3541938	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3386599	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	3769426	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	10622	0.69	ng/uL	0.00
5) Phenol-d5	6.88	99	290669	5.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	150969	4.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	218960	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	220026	5.21	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	106182	5.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	97059	5.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	217115	5.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	115754	2.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	720662	5.55	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	825040	5.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	72107	3.12	ng/ul	0.00
57) Fluorene-d10	15.32	176	642727	5.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	21268	1.11	ng/ul	0.00
70) Anthracene-d10	17.17	188	1019851	5.78	ng/ul	0.00
78) Pyrene-d10	19.47	212	1149301	6.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1148078	5.85	ng/ul	0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.79	163	299964	2.266	ng/ul 99
49) Acenaphthene	14.39	153	296566	2.691	ng/ul 99
58) Fluorene	15.38	166	160084	1.245	ng/ul 99
69) Phenanthrene	17.12	178	5501550	26.192	ng/ul 99
71) Anthracene	17.20	178	961392	4.573	ng/ul 99
74) Carbazole	17.47	167	895396	5.035	ng/ul 98
76) Fluoranthene	19.14	202	12329891	53.513	ng/ul 96
79) Pyrene	19.50	202	11868971	52.632	ng/ul 100
82) Benzo(a)anthracene	21.26	228	8217796	34.054	ng/ul 96
84) Chrysene	21.31	228	9531054	42.451	ng/ul 96
87) Benzo(b)fluoranthene	22.84	252	11925257	48.920	ng/ul 98
88) Benzo(k)fluoranthene	22.88	252	3967548m	16.748	ng/ul
90) Benzo(a)pyrene	23.41	252	8882097	37.688	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.73	276	6067277	21.912	ng/ul 95
92) Dibenzo(a,h)anthracene	25.73	278	1779399	7.705	ng/ul# 91
93) Benzo(g,h,i)perylene	26.41	276	5521795	24.326	ng/ul 99

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

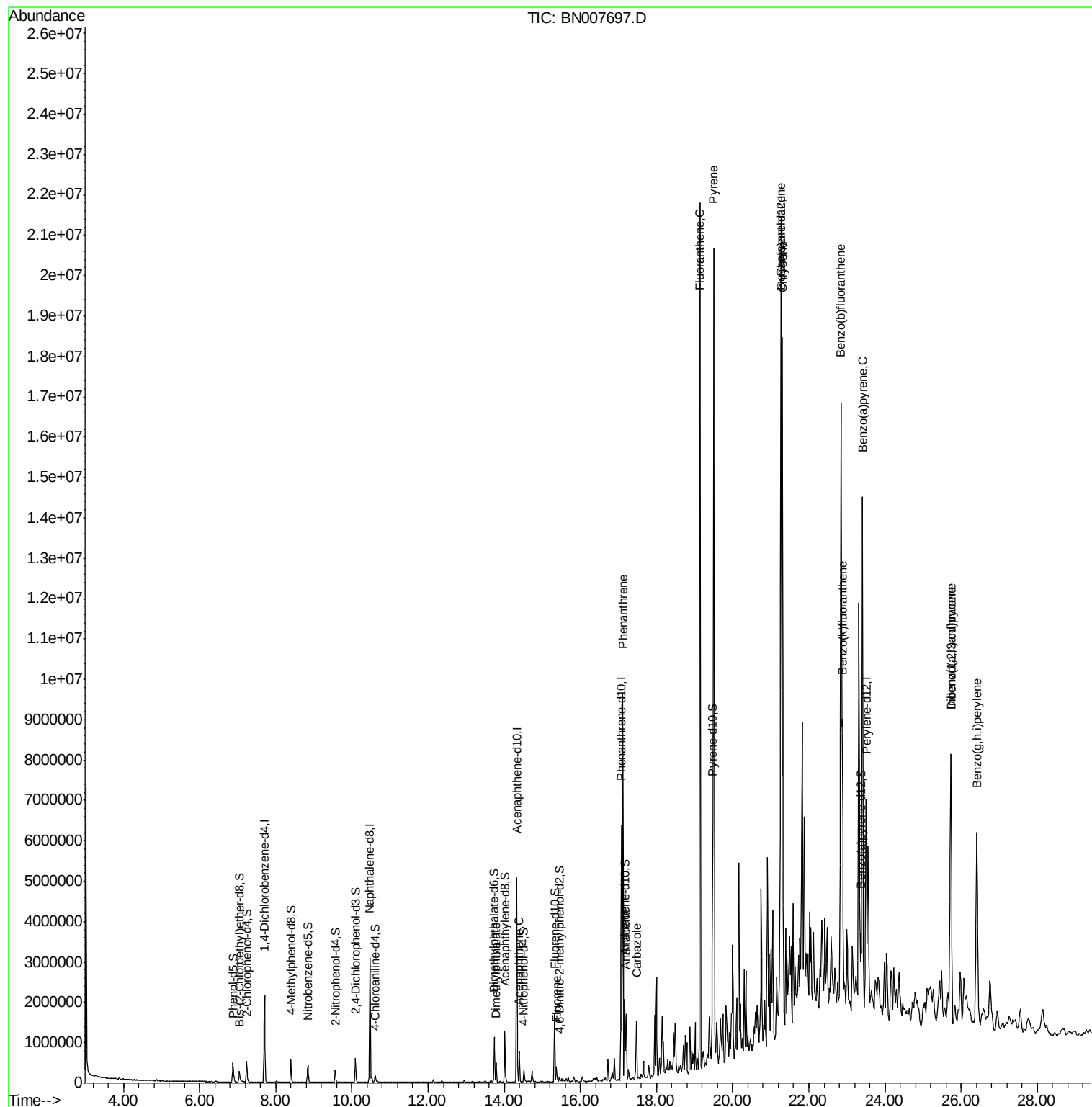
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091719\
Data File : BN007697.D
Acq On : 17 Sep 2019 15:19
Operator : HP/JU
Sample : K4633-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

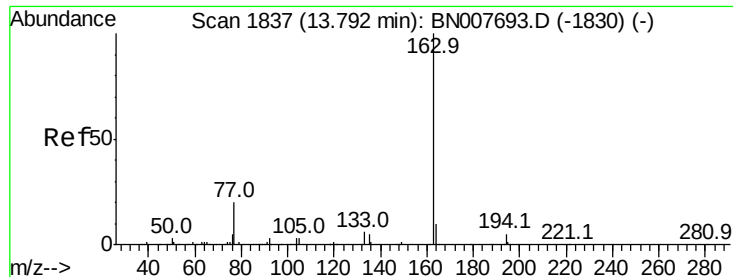
Instrument :
BNA_N
ClientSampleId :
F2D06DL

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Quant Time: Sep 18 01:59:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
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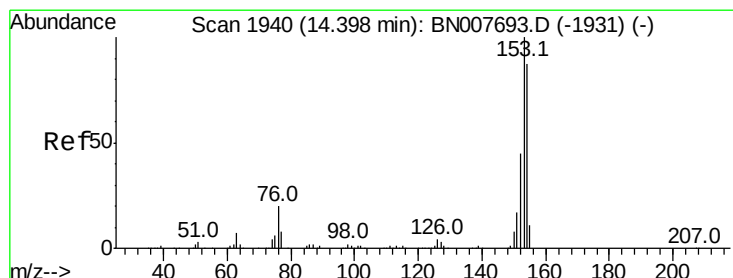
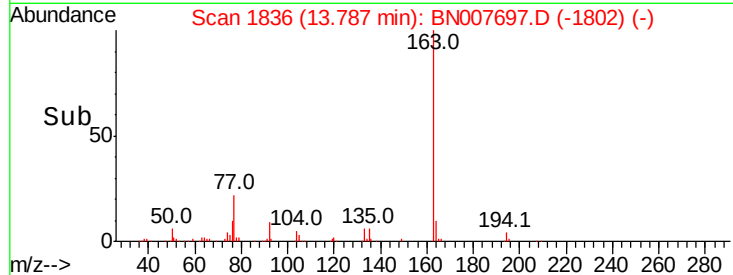
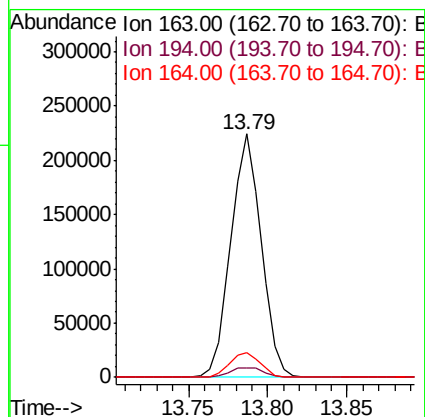
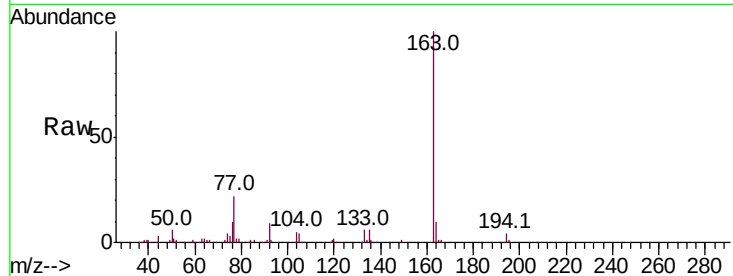
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Dimethylphthalate
Concen: 2.266 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	299964		
194	3.8		3.4	5.2
164	10.0		8.4	12.6

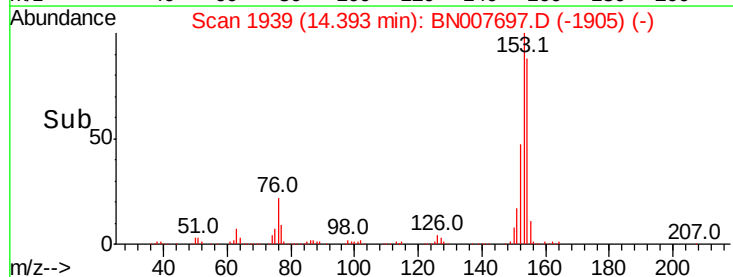
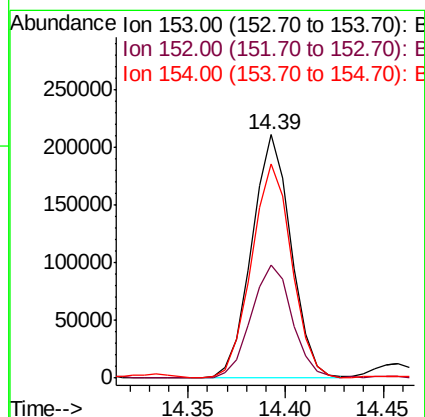
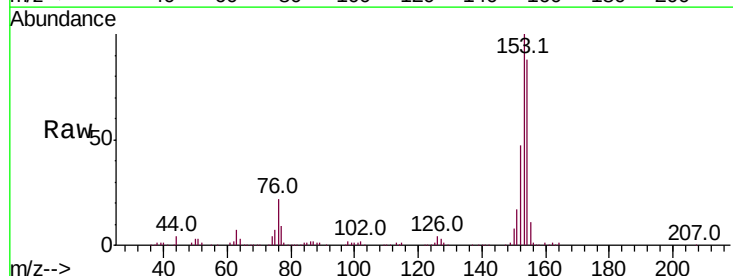
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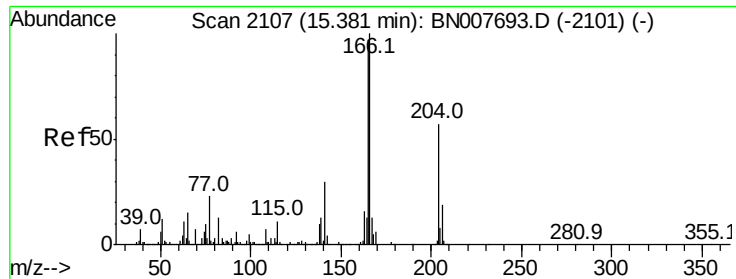
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#49
Acenaphthene
Concen: 2.691 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	296566		
152	46.5		37.8	56.8
154	88.2		70.3	105.5





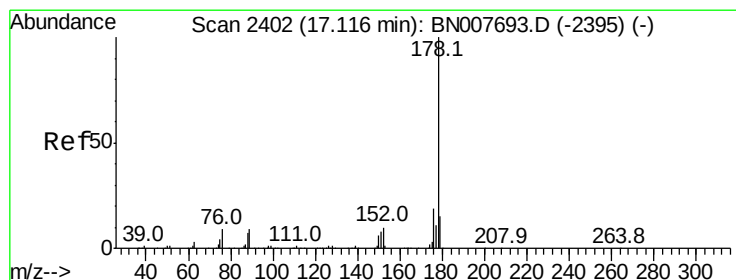
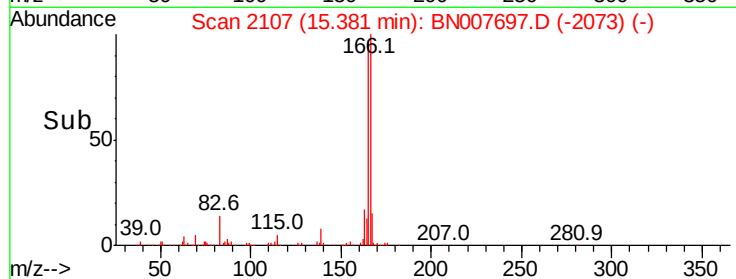
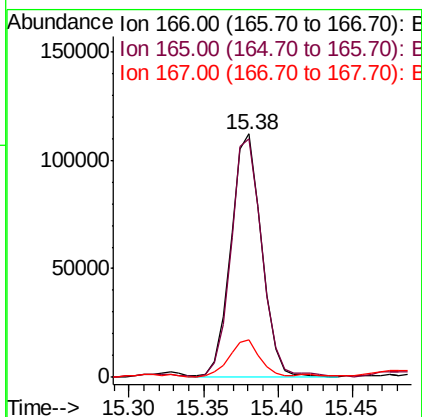
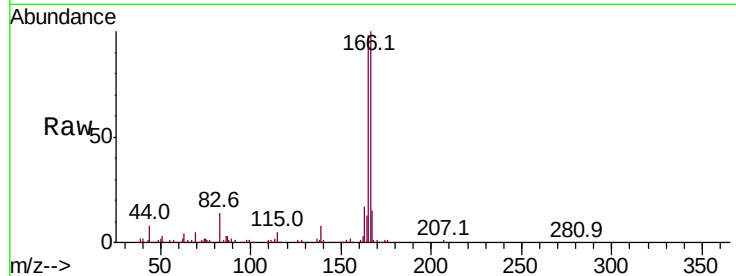
#58
 Fluorene
 Concen: 1.245 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BN007697.D
 Acq: 17 Sep 2019 15:19

Instrument :
 BNA_N
 ClientSampleID :
 F2D06DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	160084		
165	97.9		78.6	118.0
167	15.5		10.8	16.2

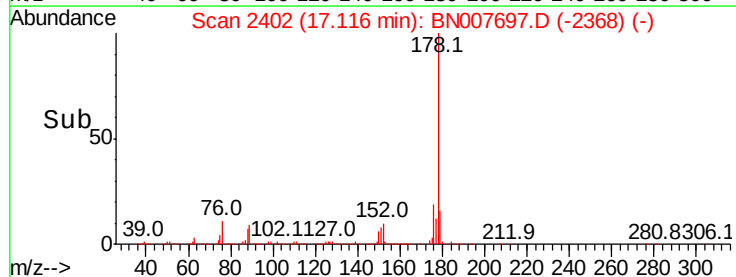
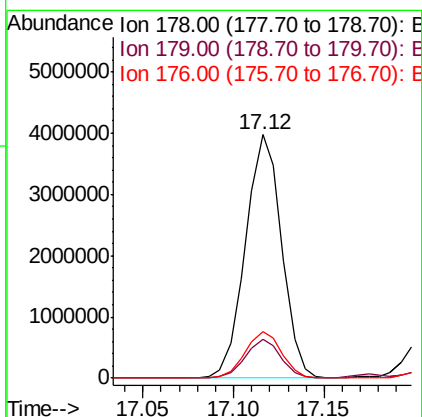
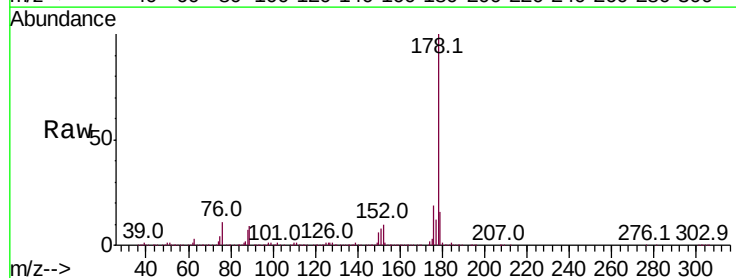
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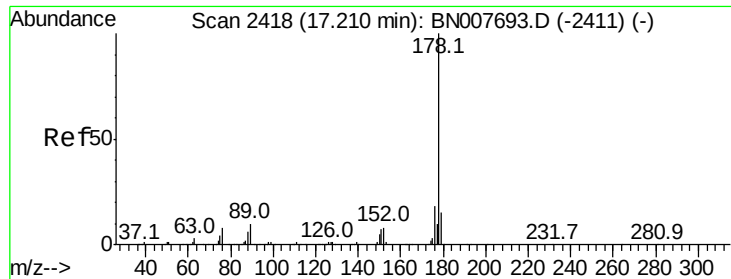
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#69
 Phenanthrene
 Concen: 26.192 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BN007697.D
 Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	5501550		
179	15.7		11.9	17.9
176	19.1		15.2	22.8





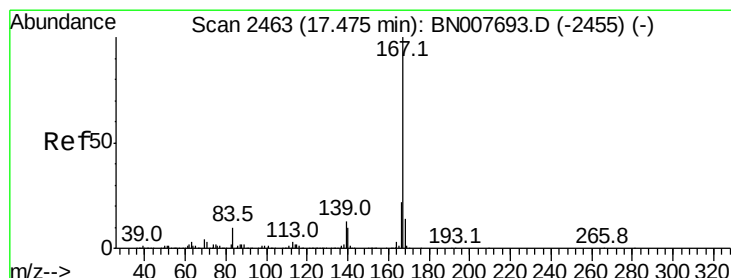
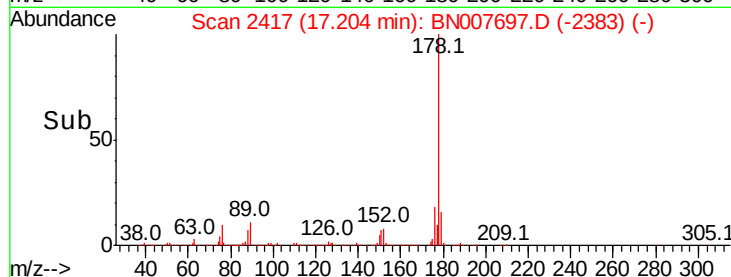
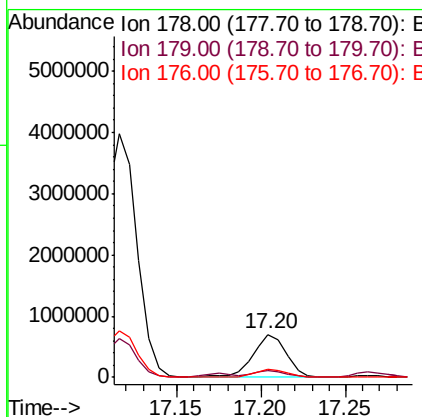
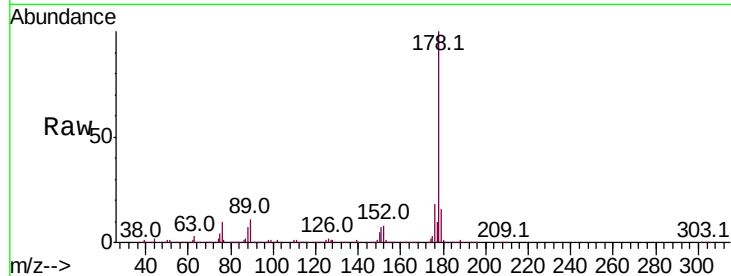
#71
 Anthracene
 Concen: 4.573 ng/ul
 RT: 17.20 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BN007697.D
 Acq: 17 Sep 2019 15:19

Instrument :
 BNA_N
 ClientSampled :
 F2D06DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	18.4	15.1	22.7

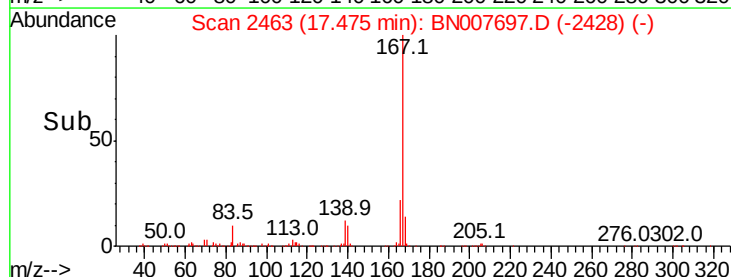
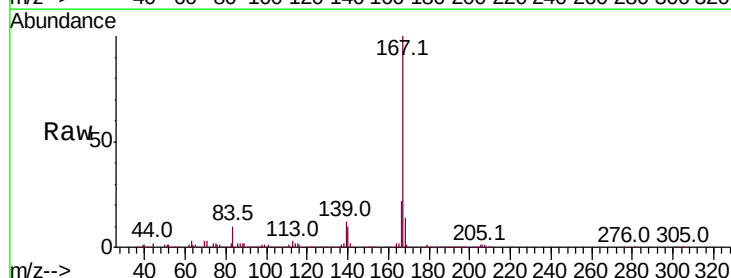
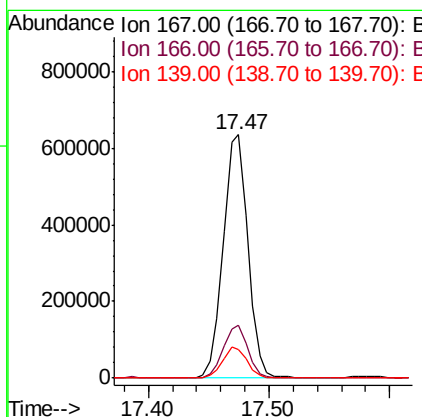
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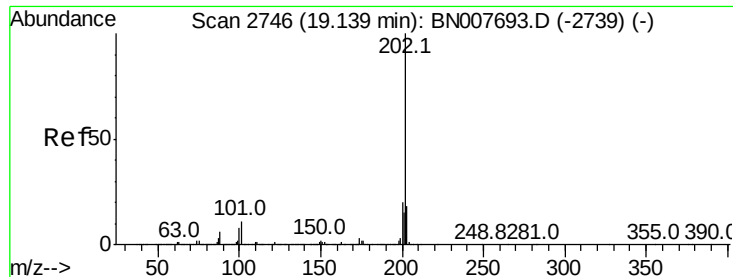
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#74
 Carbazole
 Concen: 5.035 ng/ul
 RT: 17.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BN007697.D
 Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	11.8	10.1	15.1





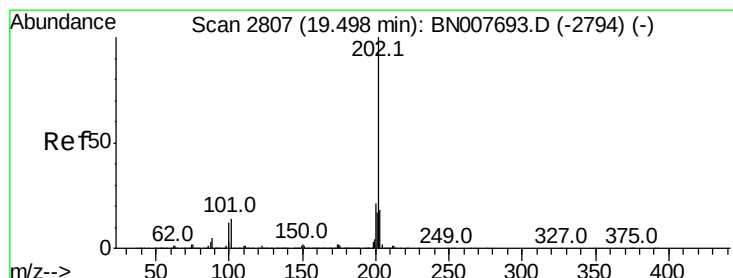
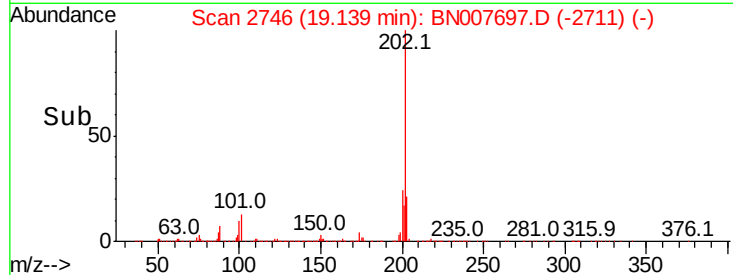
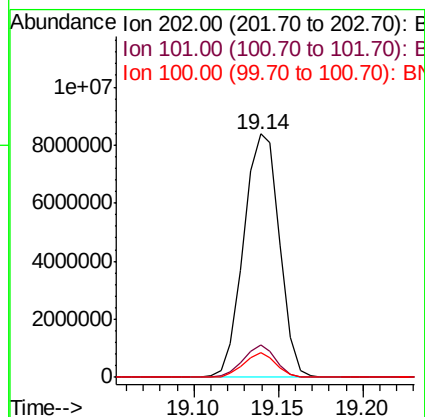
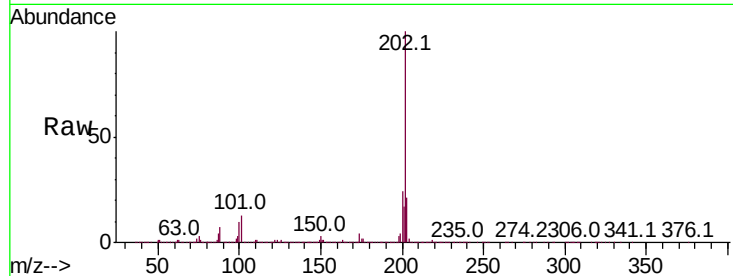
#76
Fluoranthene
Concen: 53.513 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.4	14.2
100	10.1	7.1	10.7

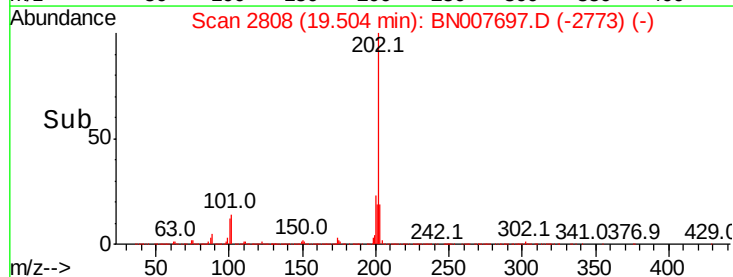
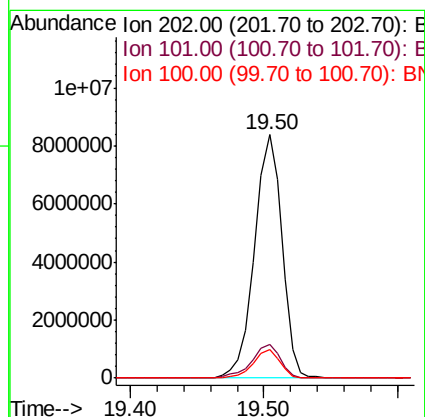
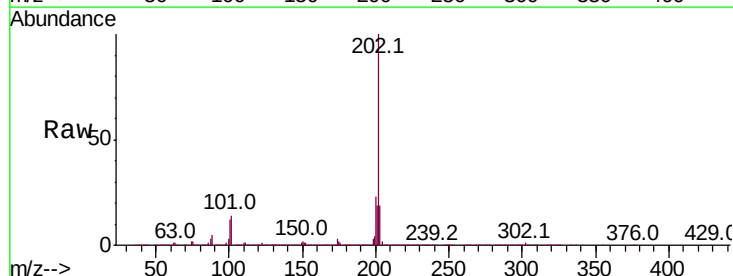
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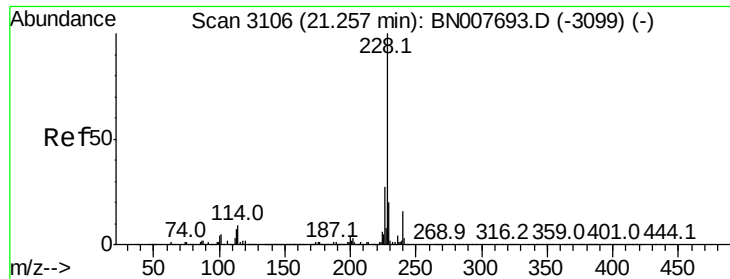
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#79
Pyrene
Concen: 52.632 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	11.7	9.4	14.0





#82

Benzo(a)anthracene

Concen: 34.054 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN007697.D

Acq: 17 Sep 2019 15:19

Instrument :

BNA_N

ClientSampleId :

F2D06DL

Tot Ion:228 Resp: 8217796

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	27.7	20.9	31.3

228 100

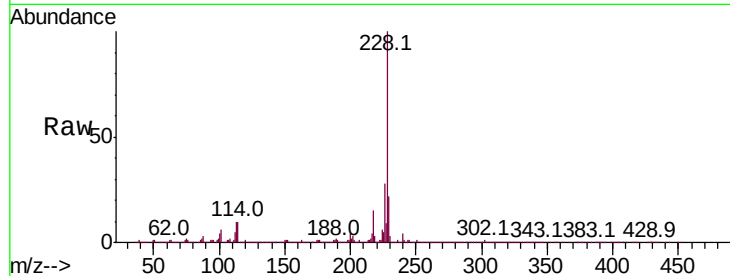
229 21.8 15.7 23.5

226 27.7 20.9 31.3

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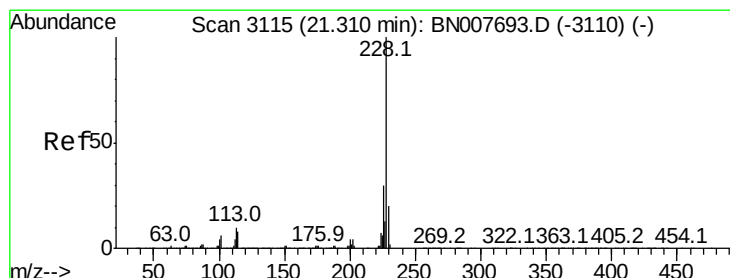
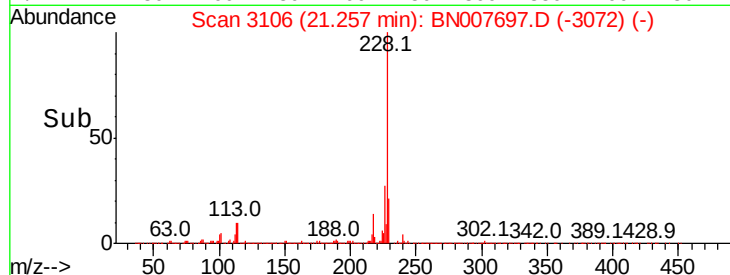
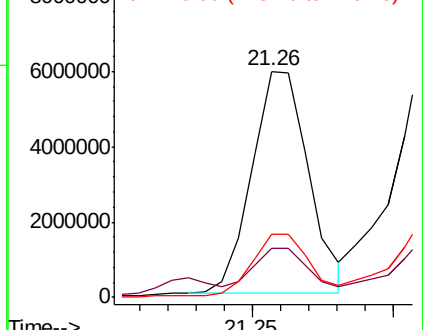


Abundance

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: 42.451 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN007697.D

Acq: 17 Sep 2019 15:19

Tgt Ion:228 Resp: 9531054

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	23.0	15.5	23.3

228 100

226 30.8 24.2 36.4

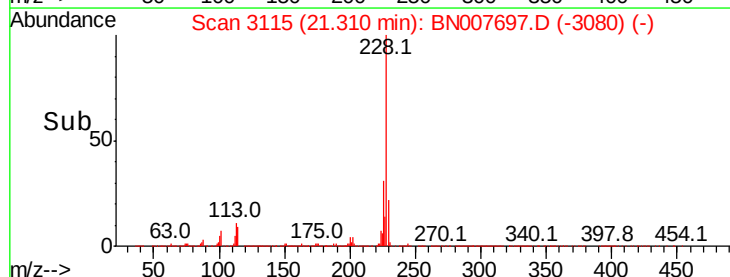
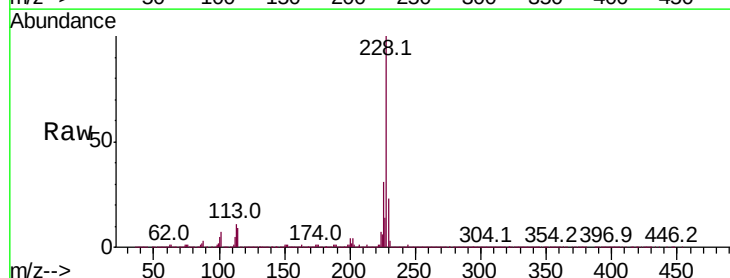
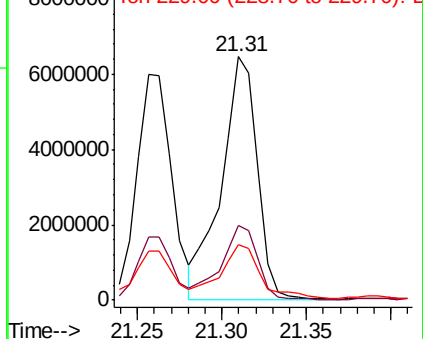
229 23.0 15.5 23.3

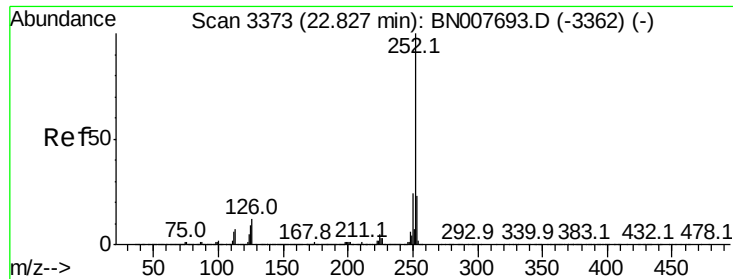
Abundance

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: 48.920 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.02 min

Lab File: BN007697.D

Acq: 17 Sep 2019 15:19

Instrument :

BNA_N

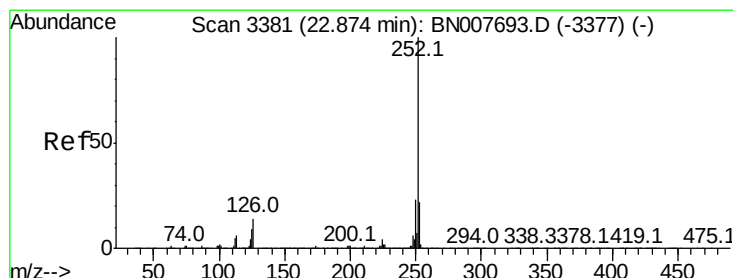
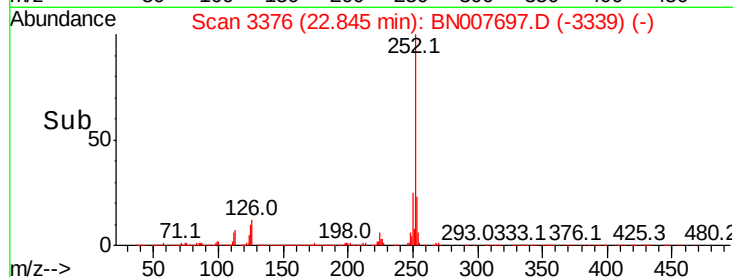
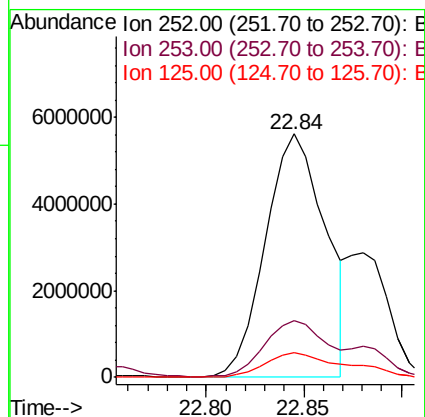
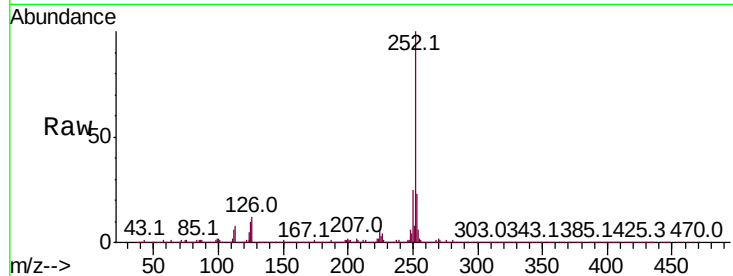
ClientSampleId :

F2D06DL

Tot Ion:	252	Resp:	11925257
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.0	8.0	12.0

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#88

Benzo(k)fluoranthene

Concen: 16.748 ng/ul m

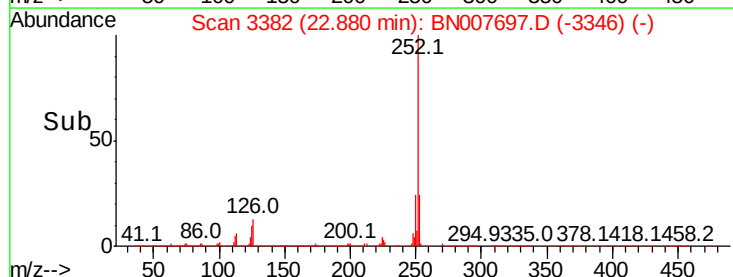
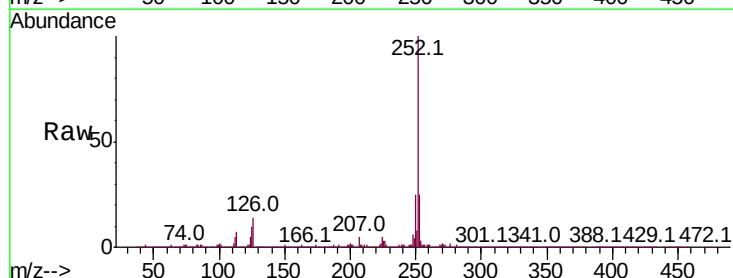
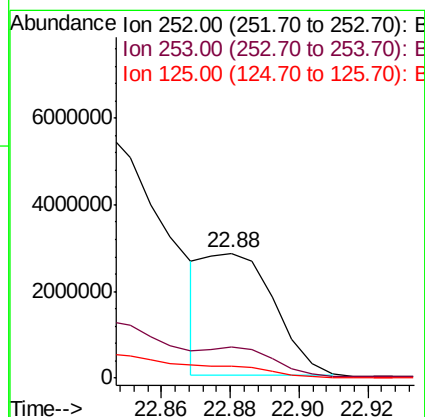
RT: 22.88 min Scan# 3382

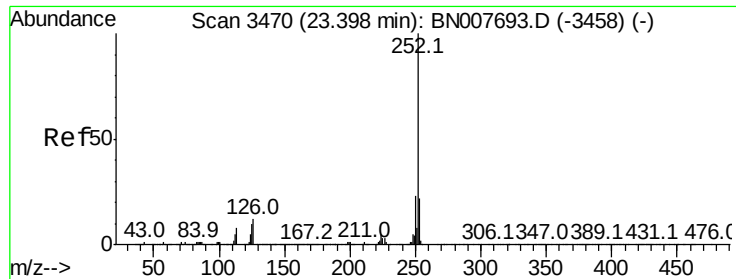
Delta R.T. 0.01 min

Lab File: BN007697.D

Acq: 17 Sep 2019 15:19

Tgt Ion:	252	Resp:	3967548
Ion	Ratio	Lower	Upper
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253	24.9	17.7	26.5
125	9.9	8.2	12.4





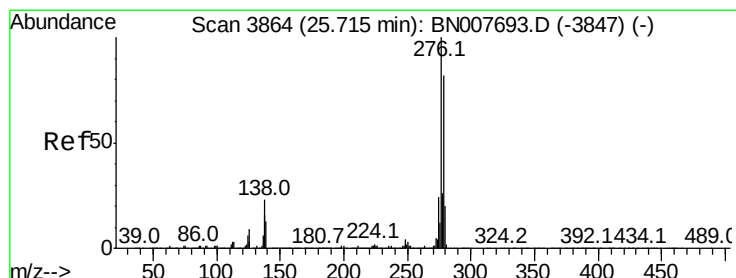
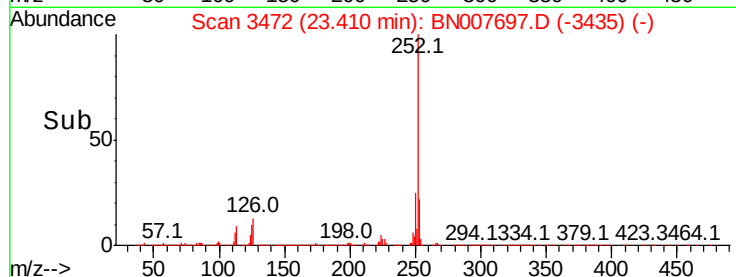
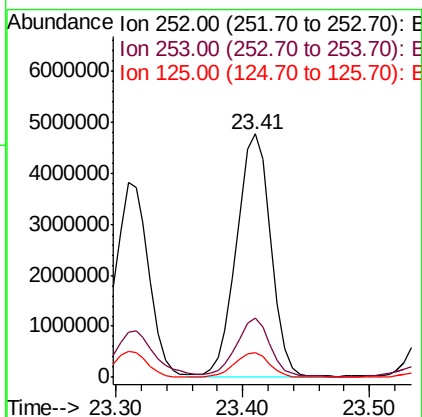
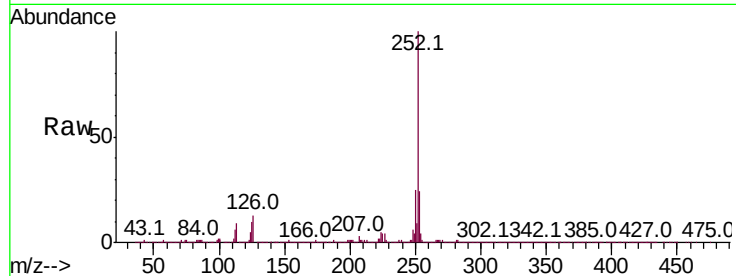
#90
Benzo(a)pyrene
Concen: 37.688 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. 0.02 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	10.3	9.2	13.8

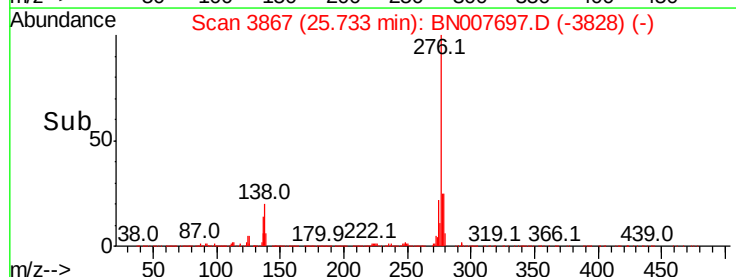
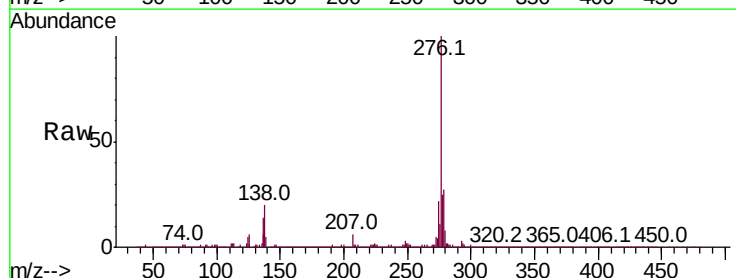
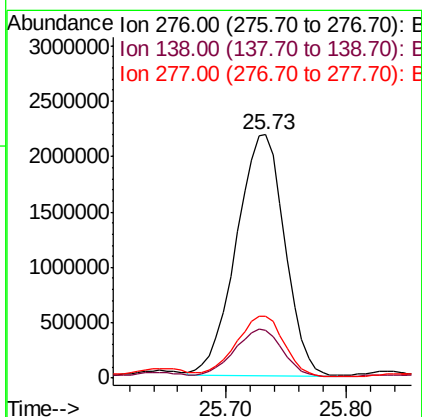
Manual Integrations
APPROVED

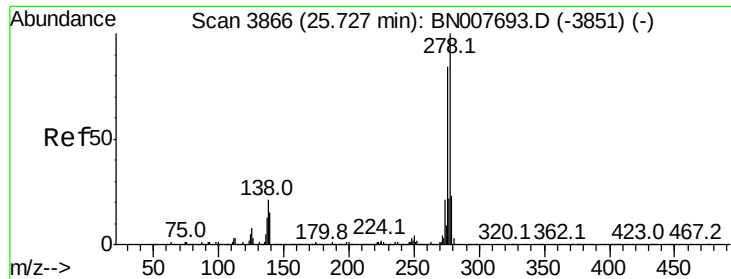
mohammad
9/18/2019 8:34:22 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 21.912 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.03 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.1	28.7
277	25.5	19.7	29.5





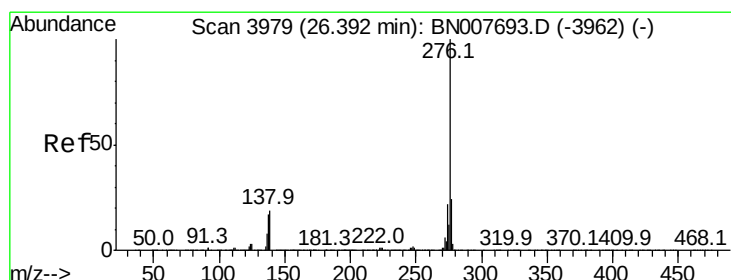
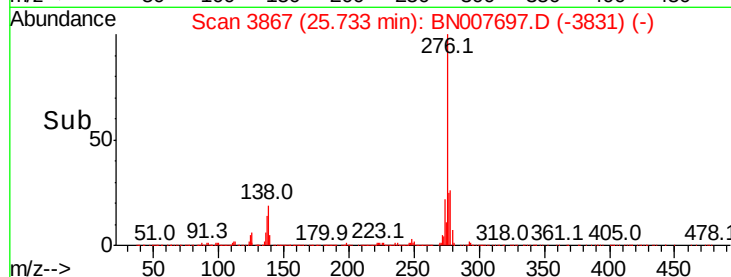
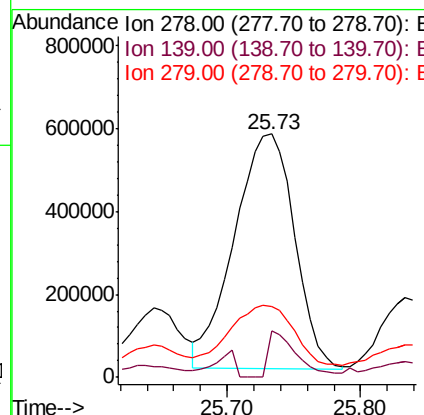
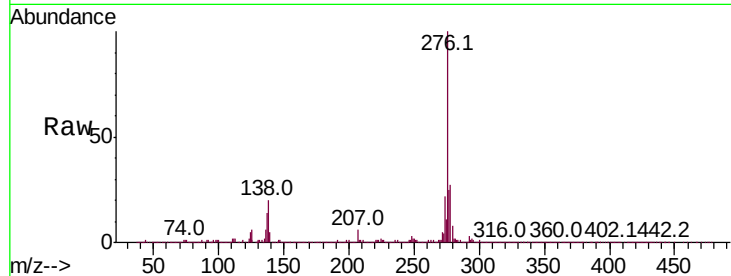
#92
Dibenzo(a,h)anthracene
Concen: 7.705 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.01 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Instrument :
BNA_N
ClientSampleId :
F2D06DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.6	19.0#
279	29.1	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/18/2019 8:34:22 AM



#93
Benzo(g,h,i)perylene
Concen: 24.326 ng/ul
RT: 26.41 min Scan# 3982
Delta R.T. 0.03 min
Lab File: BN007697.D
Acq: 17 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.5	24.7
277	24.2	18.7	28.1

