

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005612.D
 Acq On : 11 May 2019 05:29
 Operator : JU/SJ
 Sample : K2613-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH46

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:27:01 AM

Quant Time: May 11 22:16:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	210102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	872225	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	521453	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1059962	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	709628	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	758900	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	8908	2.05	ng/uL	0.00
5) Phenol-d5	6.77	99	243879	14.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	140891	13.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	209691	16.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	197308	15.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	109308	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	123820	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	227302	18.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	200805	15.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	713948	18.86	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	895982	19.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	75380	12.61	ng/ul	0.01
57) Fluorene-d10	15.22	176	614162	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	43535	9.13	ng/ul	0.00
70) Anthracene-d10	17.07	188	859801	19.35	ng/ul	0.00
78) Pyrene-d10	19.39	212	797208	21.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	636472	19.19	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.80	94	54992	3.240	ng/ul 96
44) Dimethylphthalate	13.68	163	217353	5.763	ng/ul 99
69) Phenanthrene	17.02	178	753478	14.596	ng/ul 99
71) Anthracene	17.11	178	139882	2.660	ng/ul 98
74) Carbazole	17.39	167	91022	2.015	ng/ul 100
76) Fluoranthene	19.05	202	2227269m	38.899	ng/ul
79) Pyrene	19.42	202	1832277	40.102	ng/ul# 93
82) Benzo(a)anthracene	21.19	228	935567	21.192	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.13	149	28270	1.015	ng/ul# 87
84) Chrysene	21.24	228	886376	21.634	ng/ul 96
87) Benzo(b)fluoranthene	22.76	252	1012240	23.728	ng/ul 97
88) Benzo(k)fluoranthene	22.80	252	348662m	8.558	ng/ul
90) Benzo(a)pyrene	23.32	252	605237	15.094	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.60	276	358932	8.096	ng/ul# 93
92) Dibenzo(a,h)anthracene	25.60	278	103840	2.760	ng/ul# 88
93) Benzo(g,h,i)perylene	26.27	276	311299	8.492	ng/ul 95

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

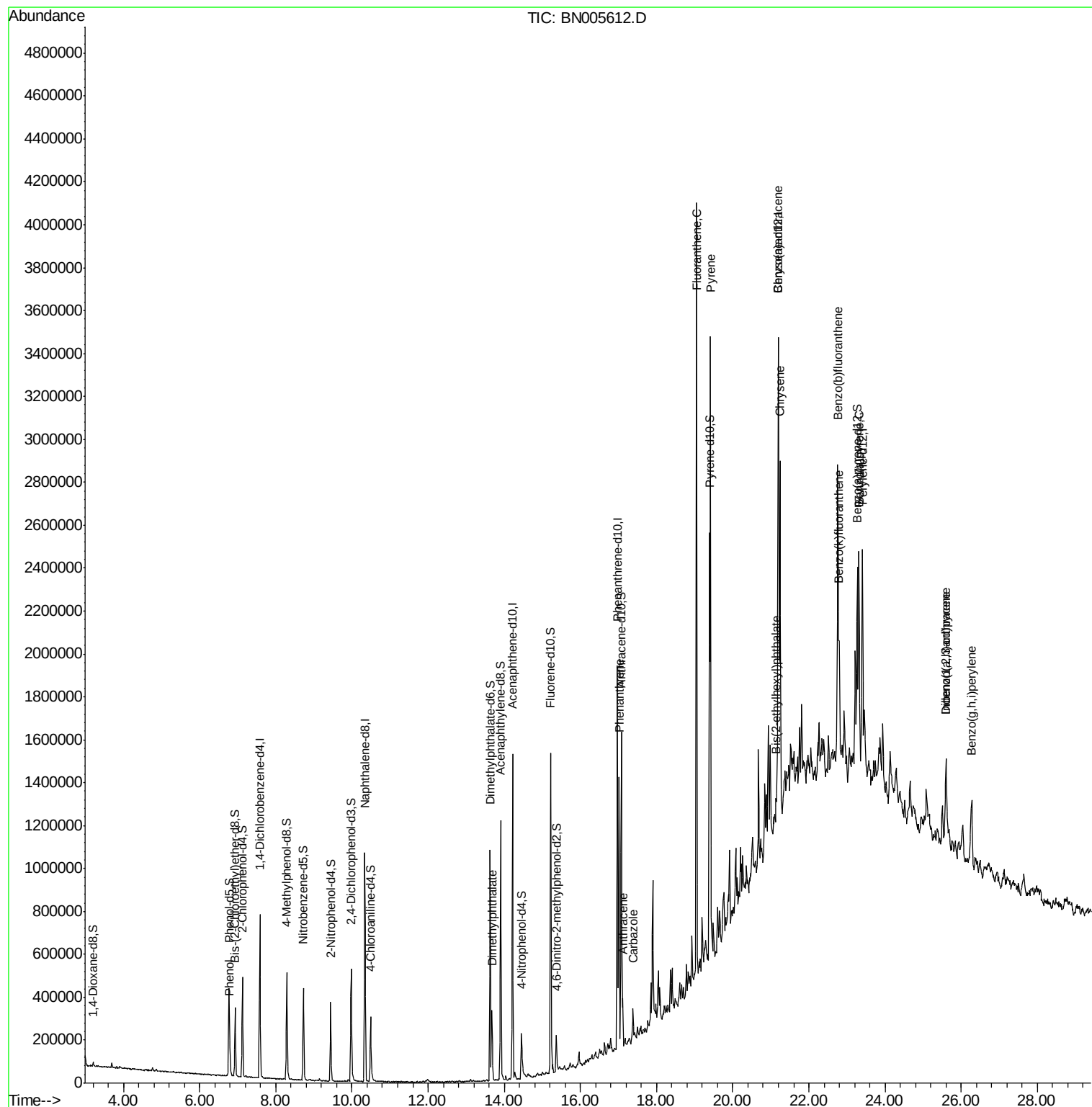
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005612.D
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Sample : K2613-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

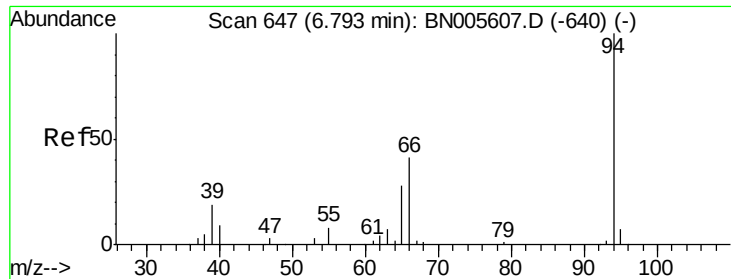
Instrument :
BNA_N
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BFH46

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.240 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

ClientSampleId :

BFH46

Tot Ion: 94 Resp: 54992

Ion Ratio Lower Upper

94 100

65 27.2 24.2 36.4

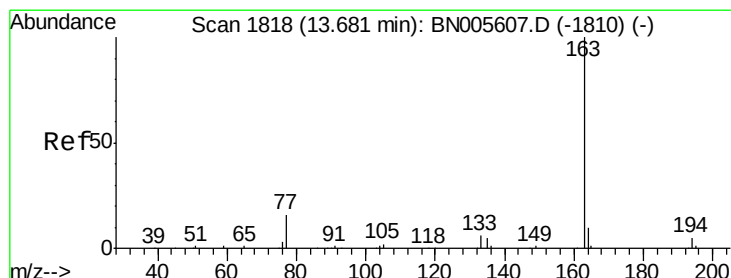
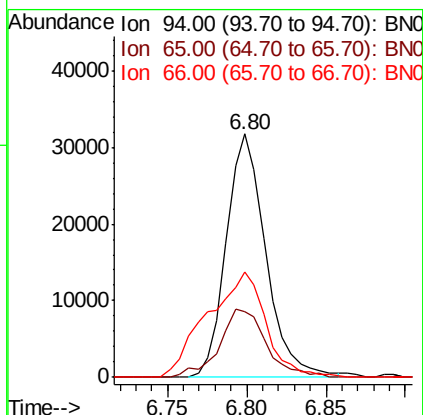
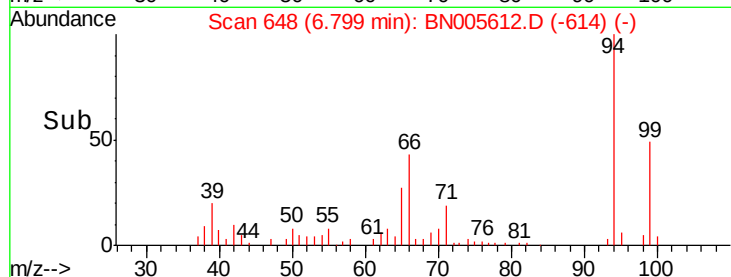
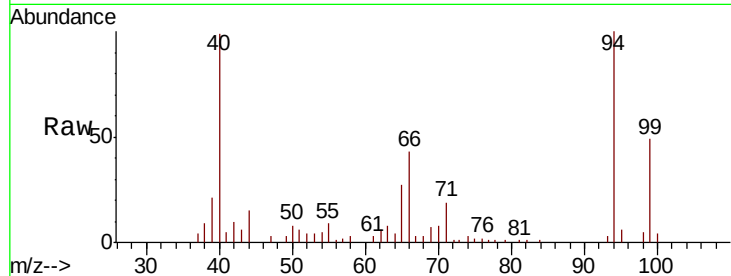
66 43.5 33.8 50.6

Manual Integrations

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#44

Dimethylphthalate

Concen: 5.763 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

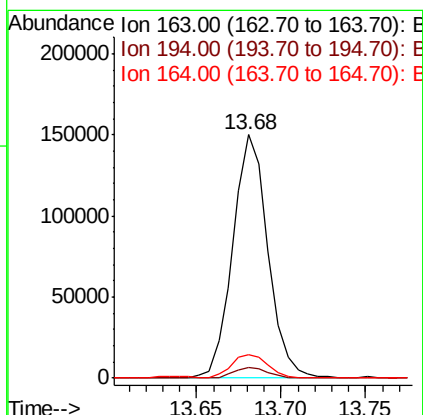
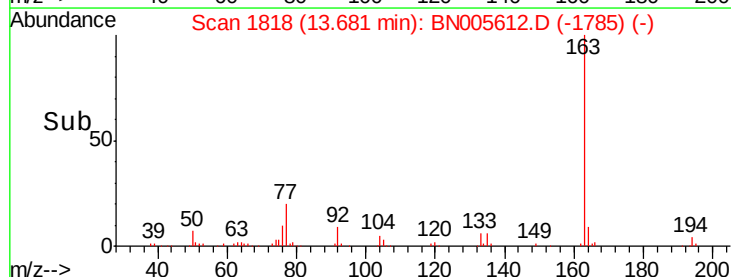
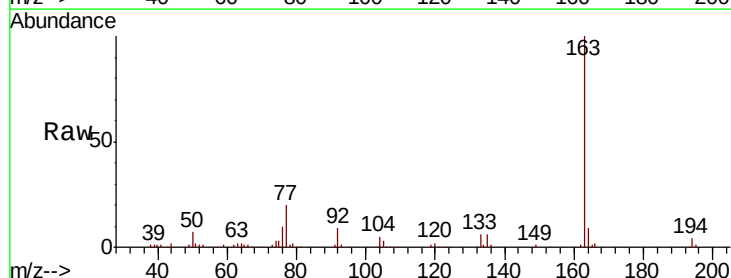
Tgt Ion:163 Resp: 217353

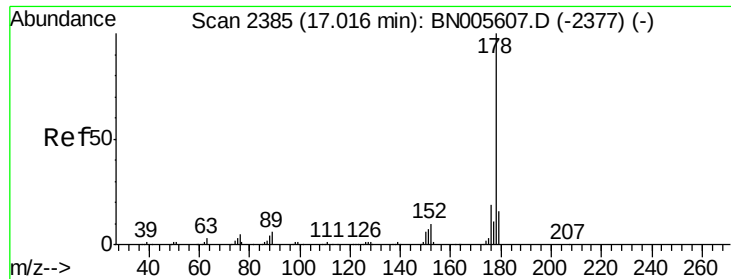
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.4 8.1 12.1





#69

Phenanthrene

Concen: 14.596 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

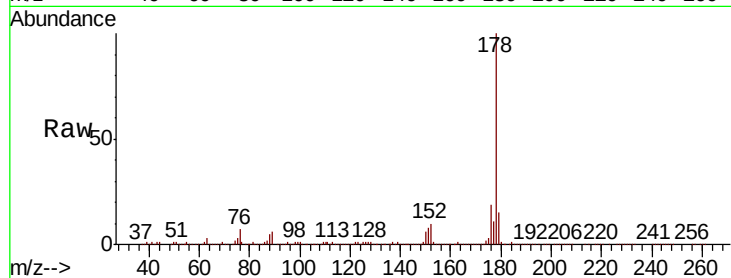
ClientSampled :

BFH46

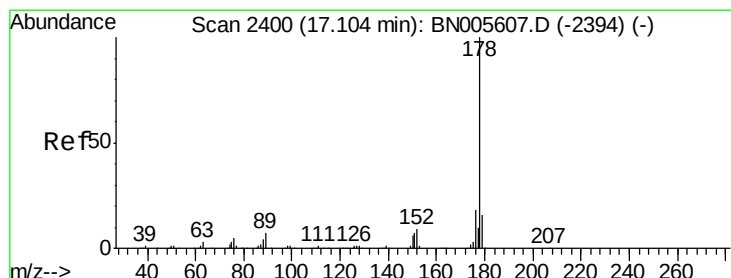
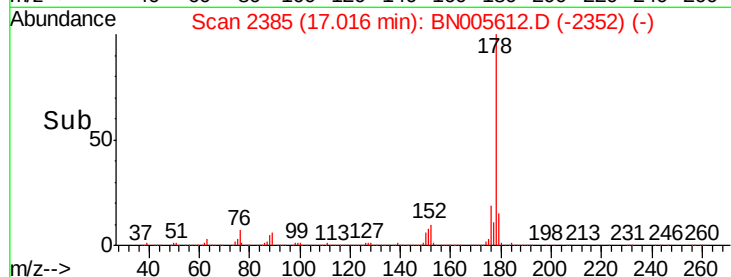
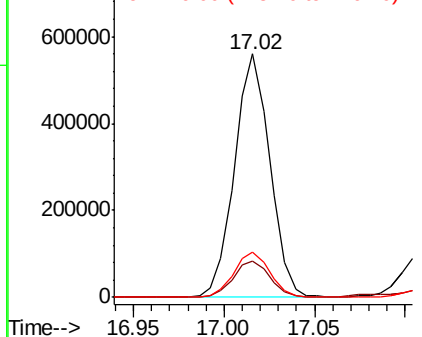
Tot Ion:178	Resp:	753478
Ion Ratio	Lower	Upper
178	100	
179	14.7	12.2 18.4
176	18.8	15.1 22.7

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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



#71

Anthracene

Concen: 2.660 ng/ul

RT: 17.11 min Scan# 2401

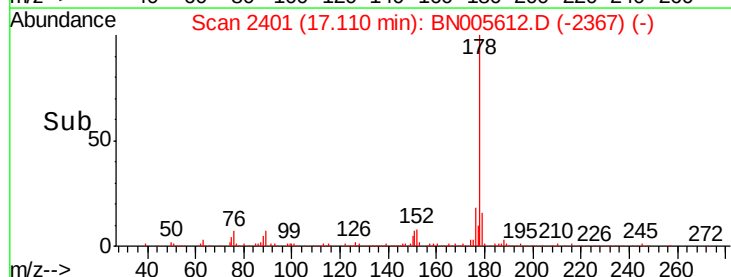
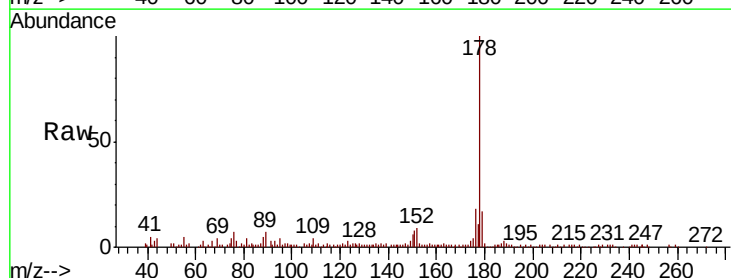
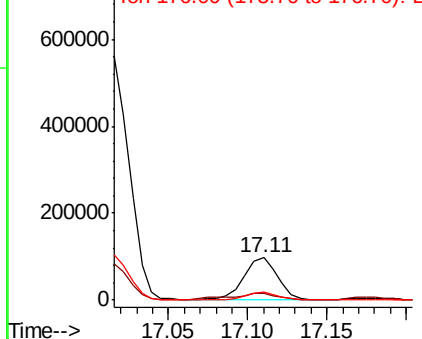
Delta R.T. -0.00 min

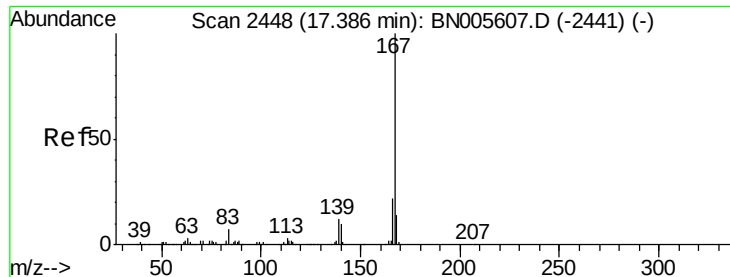
Lab File: BN005612.D

Acq: 11 May 2019 05:29

Tgt Ion:178	Resp:	139882
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.3 18.5
176	18.5	15.1 22.7

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





#74

Carbazole

Concen: 2.015 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

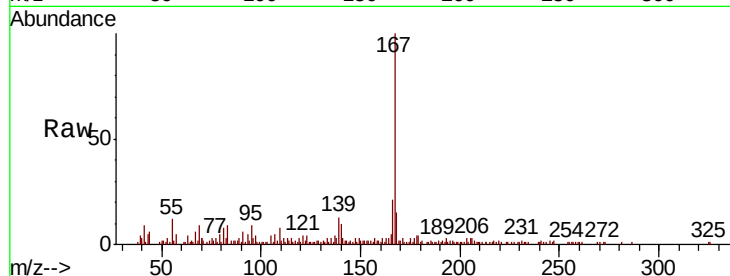
ClientSampleId :

BFH46

Tot Ion:	167	Resp:	91022
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.2	25.8
139	13.2	10.6	16.0

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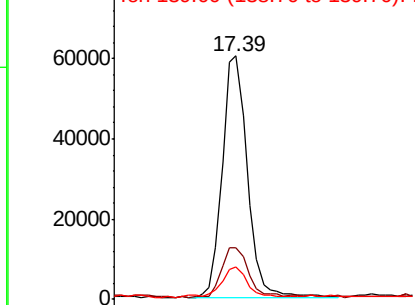


Abundance

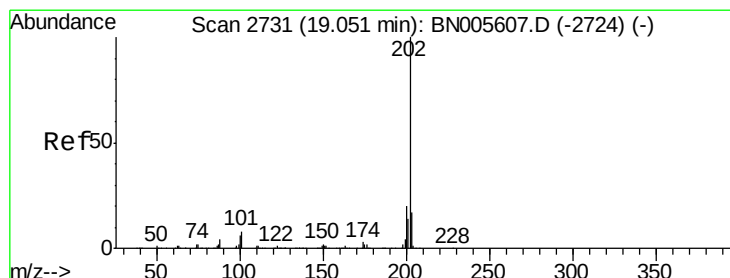
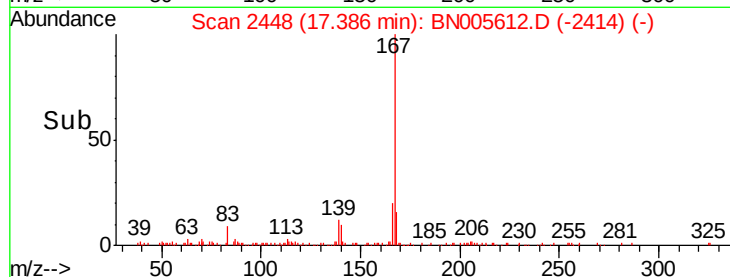
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#76

Fluoranthene

Concen: 38.899 ng/ul m

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

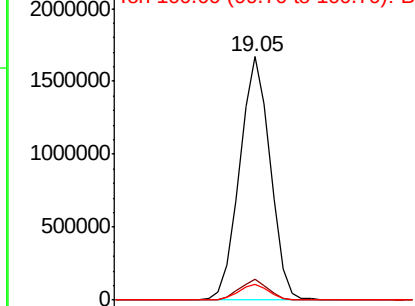
Tgt Ion:	202	Resp:	2227269
Ion Ratio	Lower	Upper	
202	100		
101	8.4	8.6	12.8#
100	6.3	6.3	9.5#

Abundance

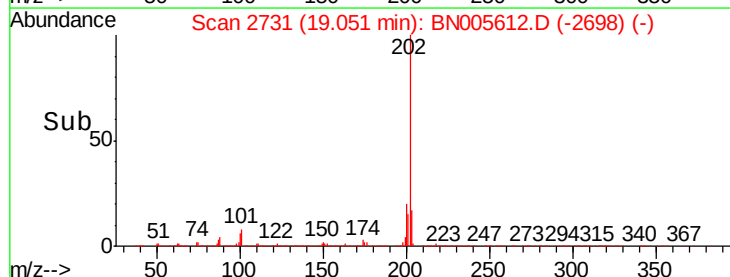
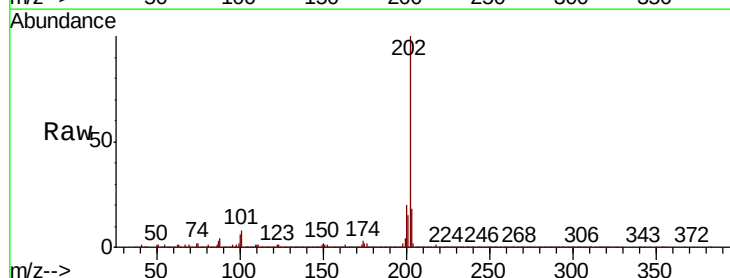
Ion 202.00 (201.70 to 202.70): E

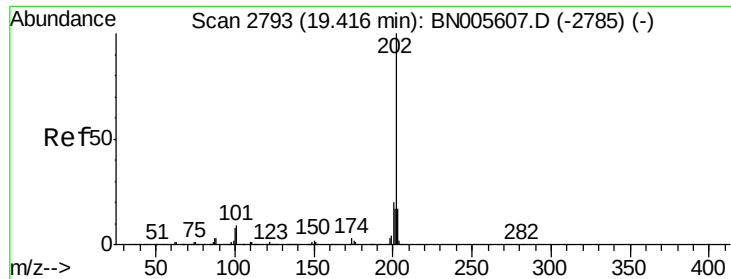
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#79

Pvrene

Concen: 40.102 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

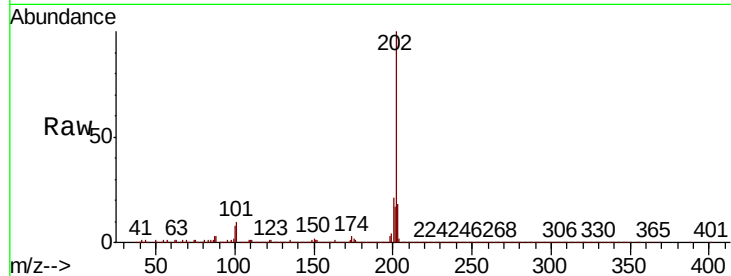
ClientSampleId :

BFH46

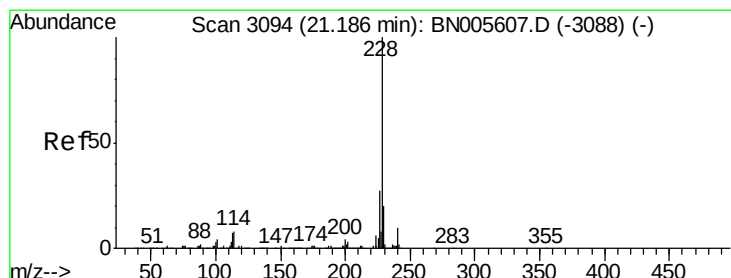
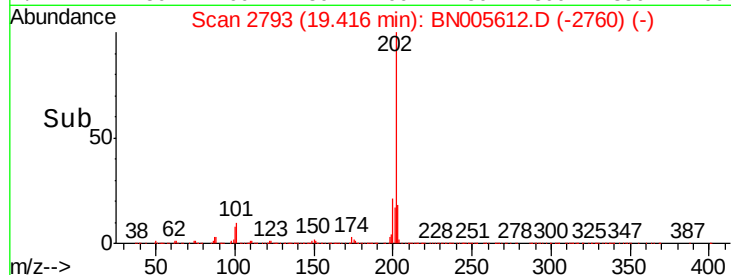
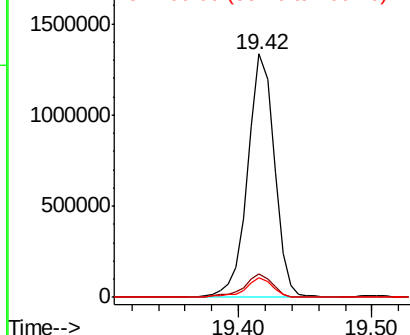
Tot Ion:	202	Resp:	1832277
Ion Ratio	Lower	Upper	
202	100		
101	9.8	10.3	15.5#
100	8.0	7.9	11.9

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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: 21.192 ng/ul

RT: 21.19 min Scan# 3095

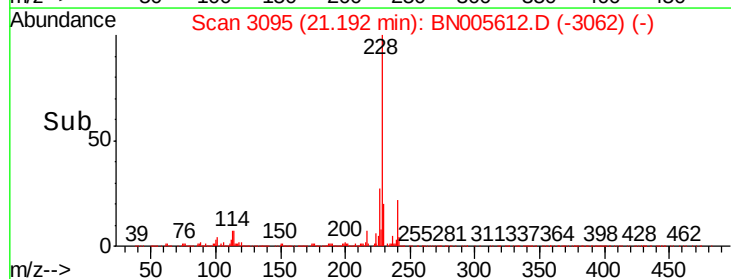
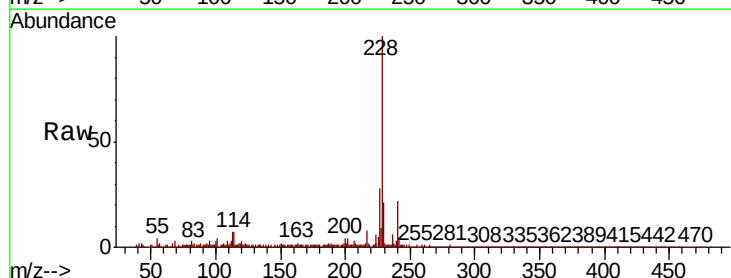
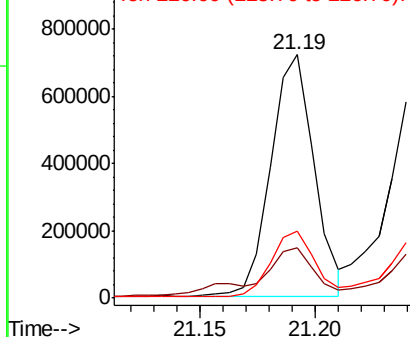
Delta R.T. -0.01 min

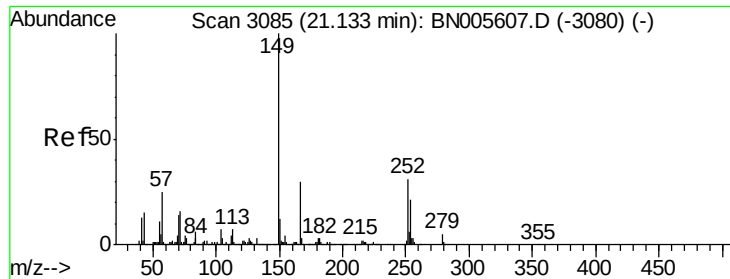
Lab File: BN005612.D

Acq: 11 May 2019 05:29

Tgt Ion:	228	Resp:	935567
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.6
226	27.5	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





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.015 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

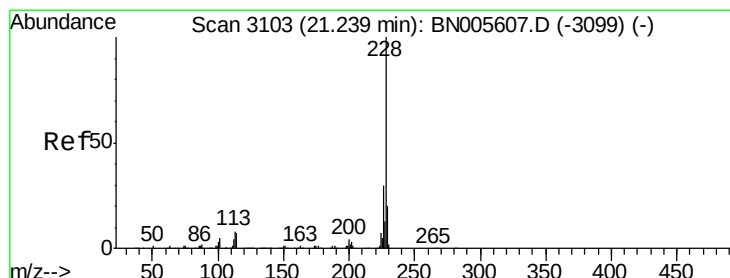
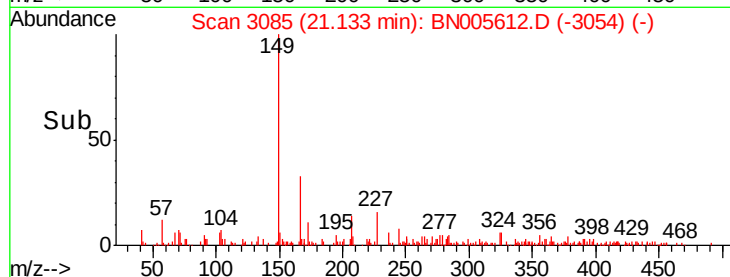
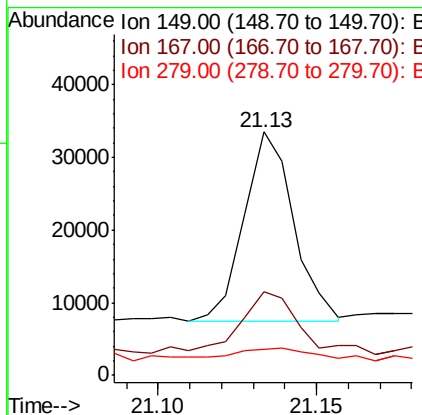
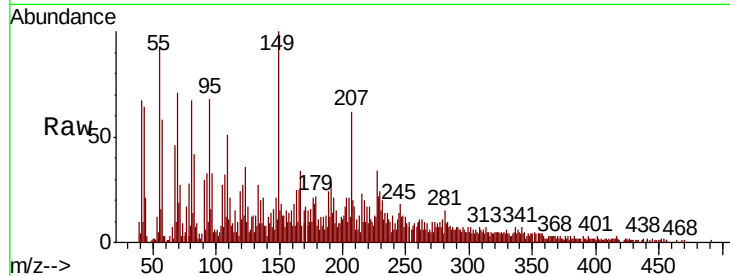
ClientSampleId :

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Tot Ion:	149	Resp:	28270
Ion Ratio	Lower	Upper	
149	100		
167	34.4	22.3	33.5#
279	10.7	3.3	4.9#

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#84

Chrysene

Concen: 21.634 ng/ul

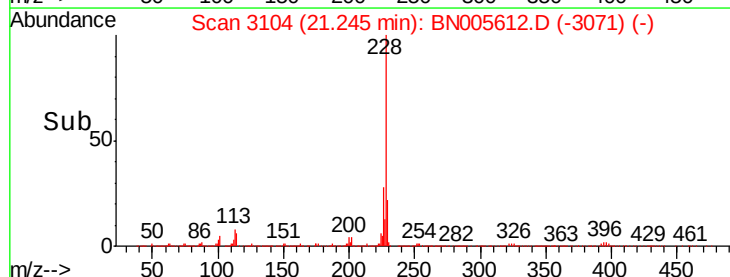
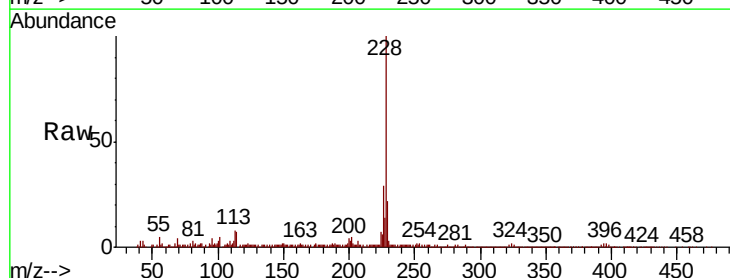
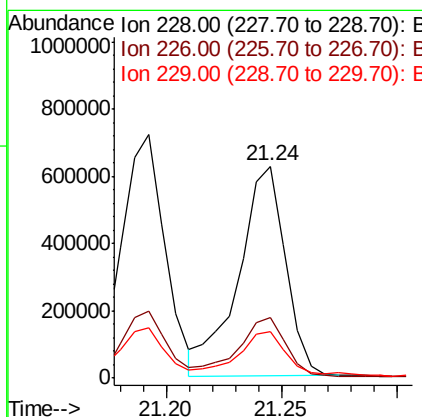
RT: 21.24 min Scan# 3104

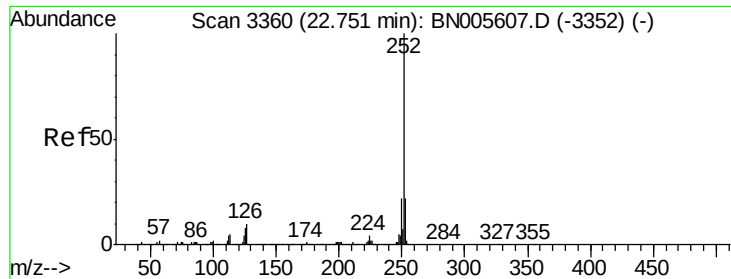
Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Tgt Ion:	228	Resp:	886376
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.0	36.0
229	22.2	15.4	23.0





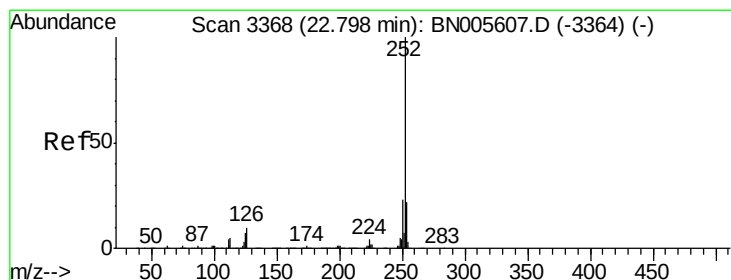
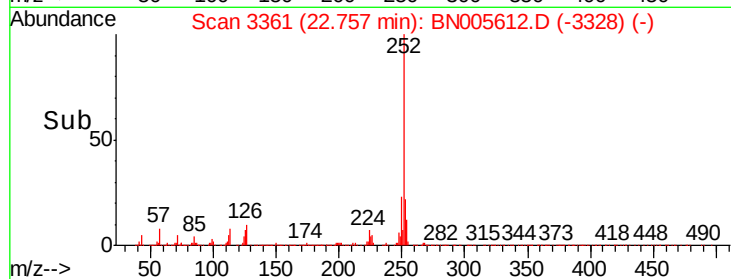
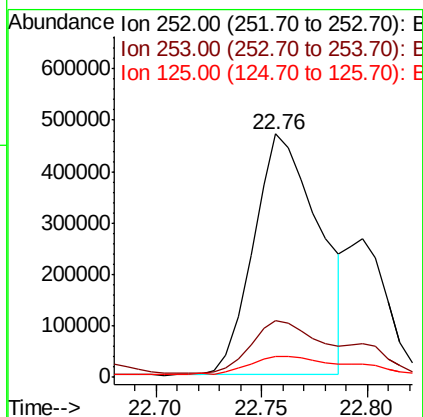
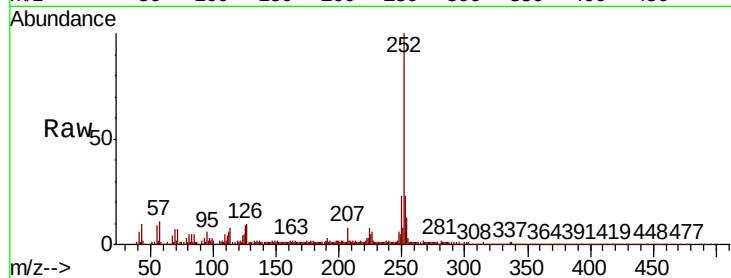
#87
Benzo(b)fluoranthene
Concen: 23.728 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN005612.D
Acq: 11 May 2019 05:29

Instrument :
BNA_N
ClientSampleId :
BFH46

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	8.6	8.4	12.6

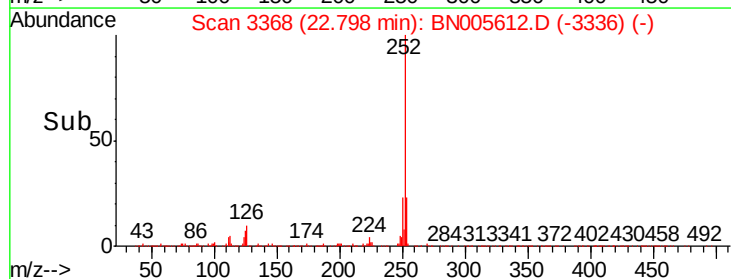
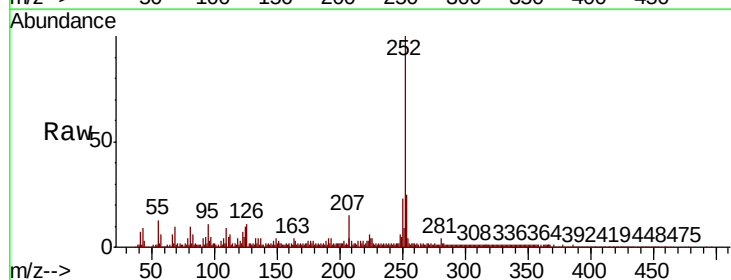
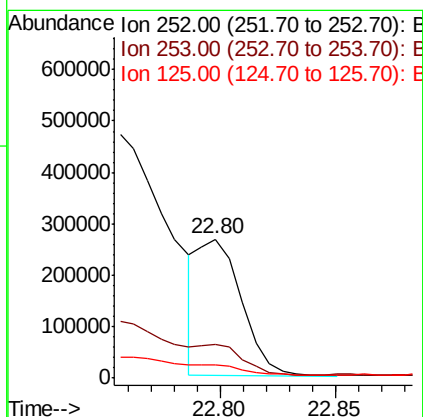
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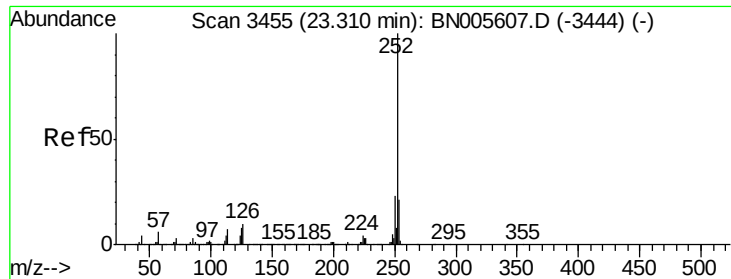
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#88
Benzo(k)fluoranthene
Concen: 8.558 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN005612.D
Acq: 11 May 2019 05:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	9.8	7.5	11.3





#90

Benzo(a)pyrene

Concen: 15.094 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

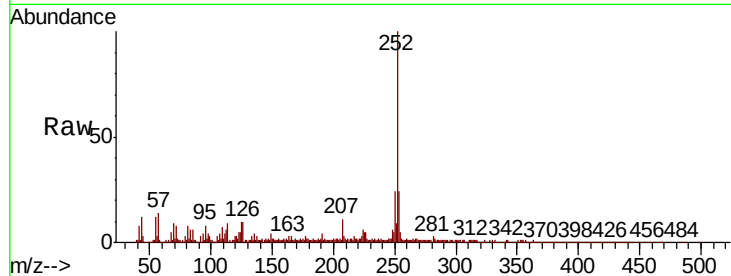
ClientSampleId :

BFH46

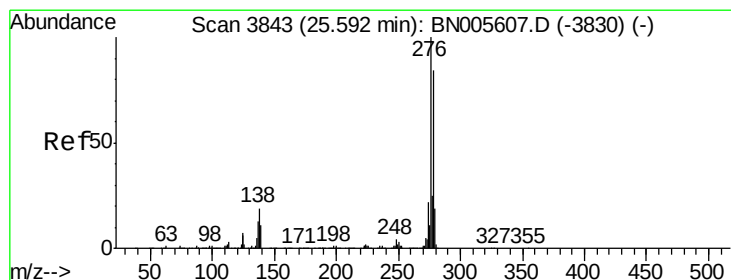
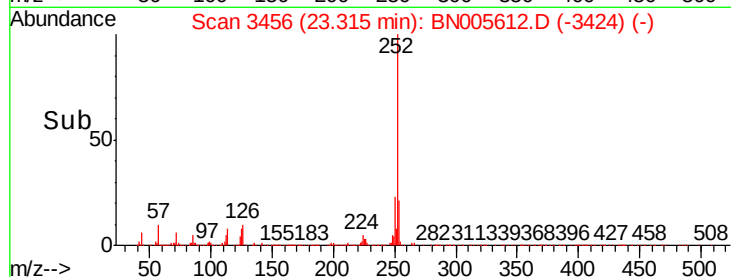
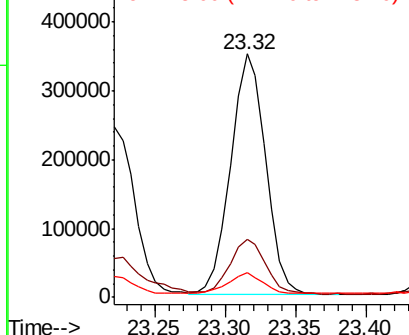
Tot Ion:	252	Resp:	605237
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	10.1	8.6	13.0

Manual Integrations
APPROVED

mohammad
5/13/2019 8:27:01 AM



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: 8.096 ng/ul

RT: 25.60 min Scan# 3844

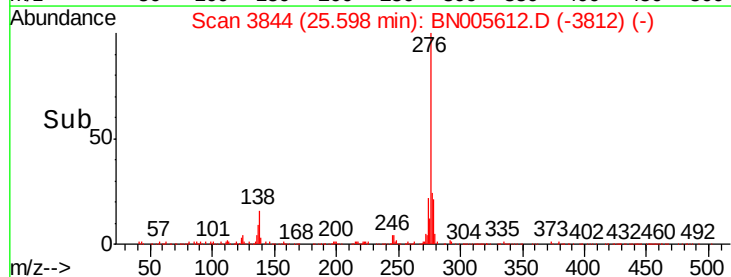
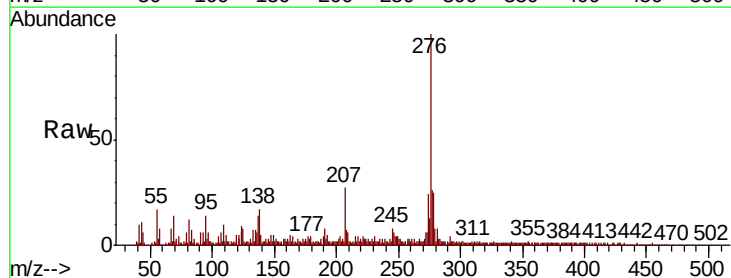
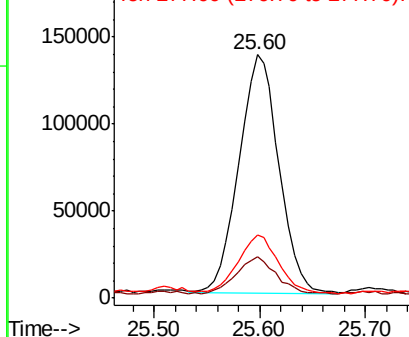
Delta R.T. -0.01 min

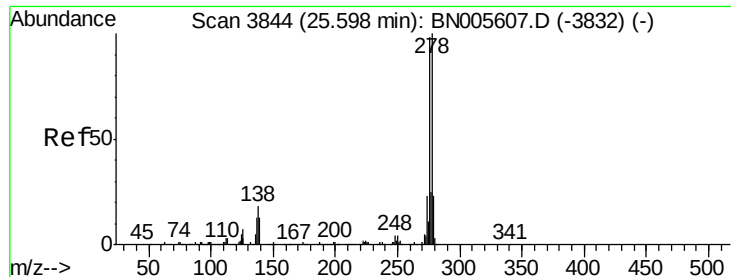
Lab File: BN005612.D

Acq: 11 May 2019 05:29

Tgt Ion:	276	Resp:	358932
Ion Ratio	Lower	Upper	
276	100		
138	17.0	17.9	26.9#
277	26.0	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: 2.760 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.02 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Instrument :

BNA_N

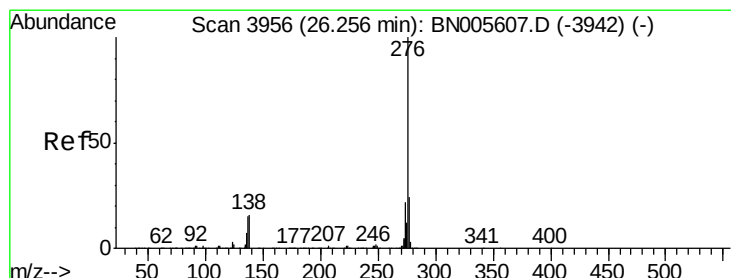
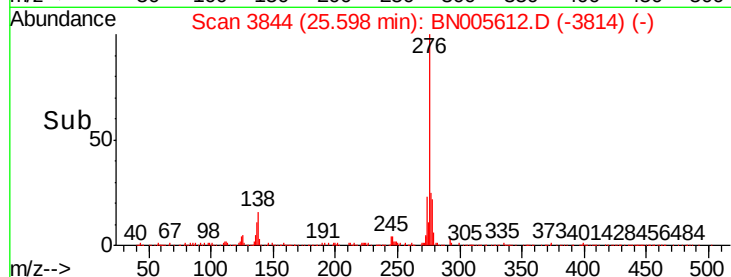
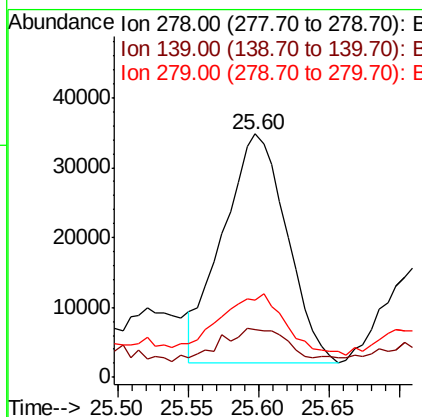
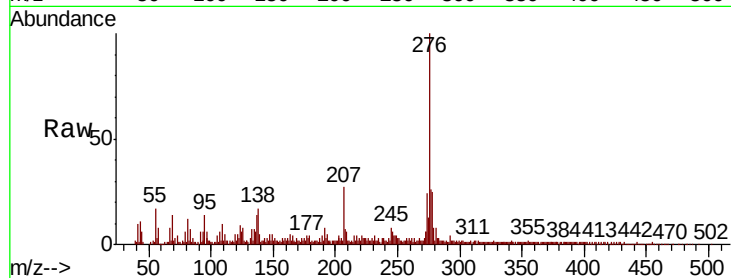
ClientSampleId :

BFH46

Tot Ion:	278	Resp:	103840
Ion Ratio	Lower	Upper	
278	100		
139	19.6	13.1	19.7
279	31.9	19.4	29.0#

Manual Integrations
APPROVED

mohammad
5/13/2019 8:27:01 AM



#93

Benzo(g,h,i)perylene

Concen: 8.492 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN005612.D

Acq: 11 May 2019 05:29

Tgt Ion:	276	Resp:	311299
Ion Ratio	Lower	Upper	
276	100		
138	17.5	16.7	25.1
277	24.4	18.2	27.2

