

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005406.D
 Acq On : 01 May 2019 12:28
 Operator : JU/SJ
 Sample : K2596-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH43

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:57:10 PM

Quant Time: May 01 23:36:20 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	360199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1583444	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1010614	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	2281299	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1565575	20.00	ng/ul	-0.01
85) Perylene-d12	23.43	264	1593859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	21166	2.84	ng/uL	0.00
5) Phenol-d5	6.78	99	472155	16.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	270492	15.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	397487	18.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	375699	16.99	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	196604	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	224922	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	422874	18.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	231691	9.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1382725	18.85	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	1740623	19.32	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.44	143	152955	13.20	ng/ul	0.00
57) Fluorene-d10	15.22	176	1227080	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	71040	6.92	ng/ul	0.00
70) Anthracene-d10	17.07	188	1859910	19.45	ng/ul	-0.01
78) Pyrene-d10	19.39	212	1761550	21.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1351311	19.40	ng/ul	-0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.69	163	473943	6.484	ng/ul	99
69) Phenanthrene	17.02	178	871895	7.848	ng/ul	99
71) Anthracene	17.11	178	153316	1.355	ng/ul	100
74) Carbazole	17.39	167	119737	1.232	ng/ul	98
76) Fluoranthene	19.06	202	3490762	28.326	ng/ul	97
79) Pyrene	19.42	202	3009670	29.857	ng/ul	97
82) Benzo(a)anthracene	21.20	228	1564107	16.059	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	99284	1.616	ng/ul#	90
84) Chrysene	21.26	228	1598931	17.689	ng/ul	97
87) Benzo(b)fluoranthene	22.78	252	1746581	19.494	ng/ul	95
88) Benzo(k)fluoranthene	22.82	252	622202m	7.271	ng/ul	
90) Benzo(a)pyrene	23.34	252	1065171	12.648	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.62	276	601735	6.463	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.63	278	169650	2.147	ng/ul#	77
93) Benzo(g,h,i)perylene	26.29	276	616548	8.008	ng/ul	96

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

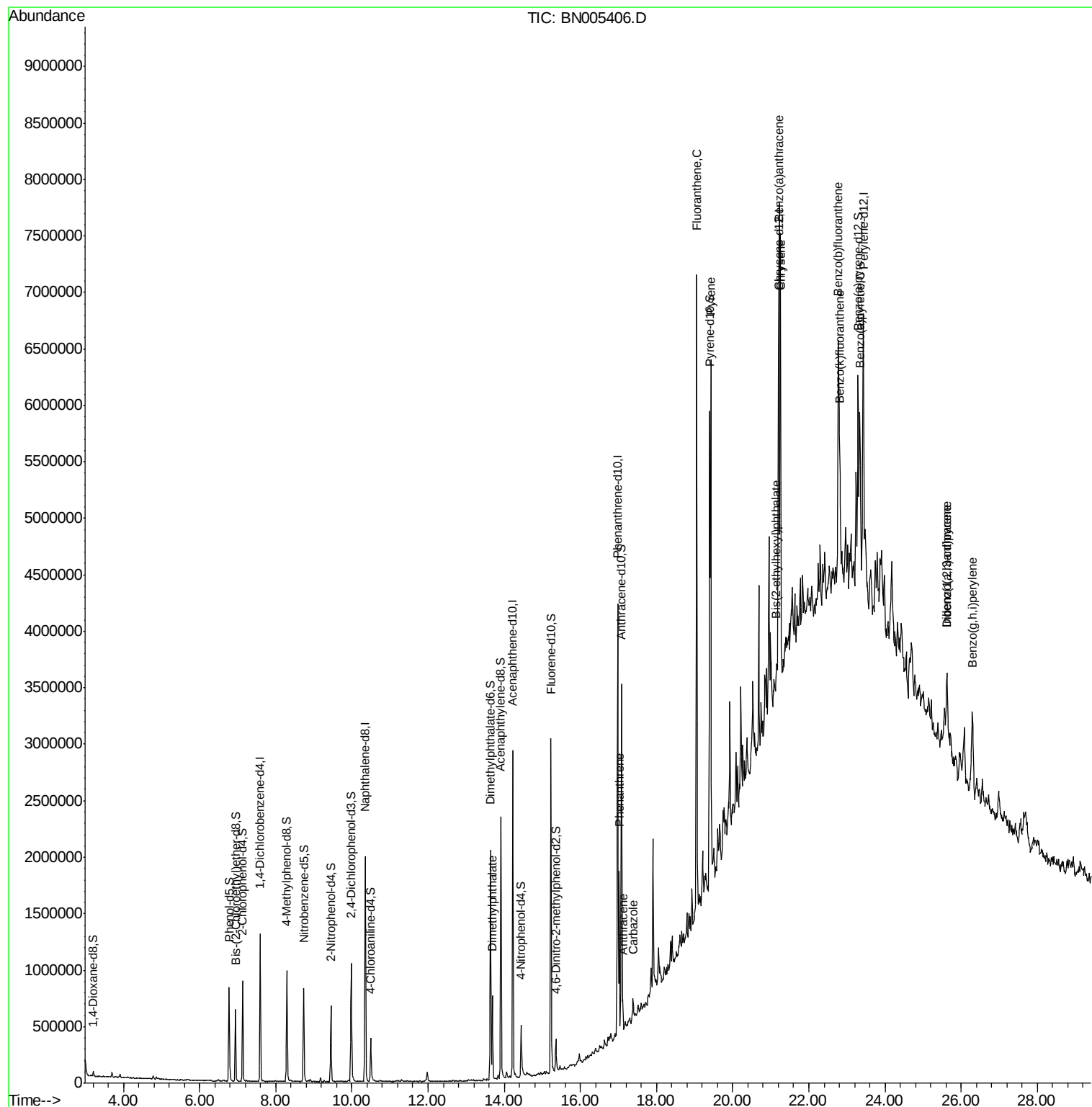
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050119\
Data File : BN005406.D
Acq On : 01 May 2019 12:28
Operator : JU/SJ
Sample : K2596-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

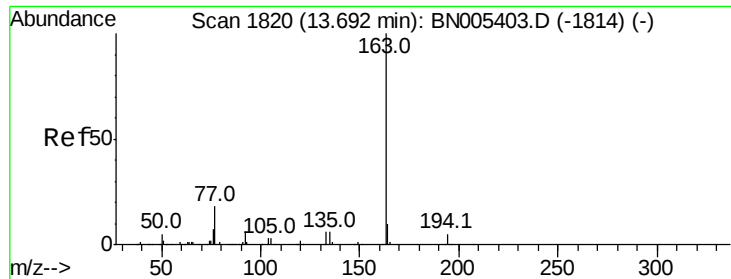
Instrument :
BNA_N
ClientSampleId :
BFH43

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:10 PM

Quant Time: May 01 23:36:20 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





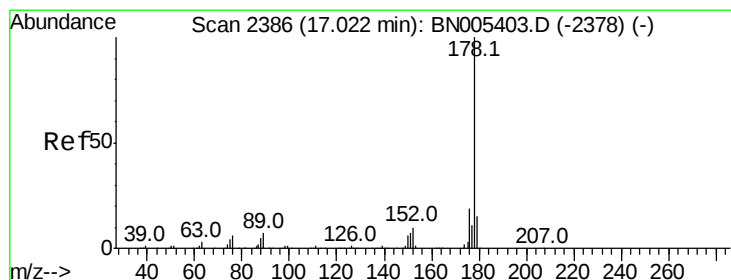
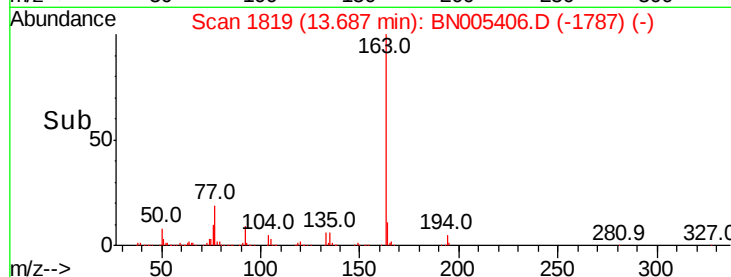
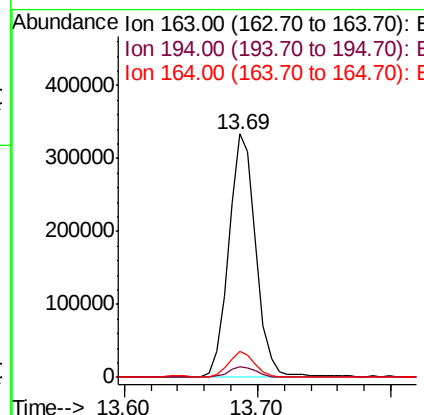
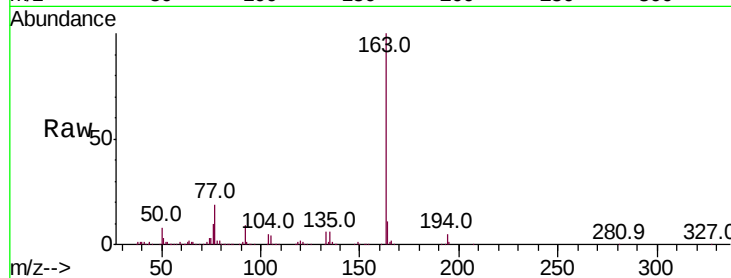
#44
Dimethylphthalate
Concen: 6.484 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005406.D
Acq: 01 May 2019 12:28

Instrument :
BNA_N
ClientSampled :
BFH43

Tot Ion:	163	Resp:	473943
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	10.6	8.1	12.1

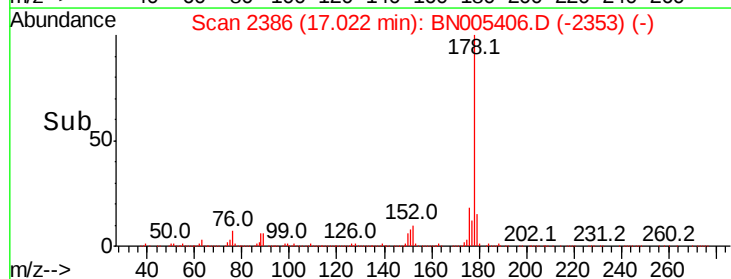
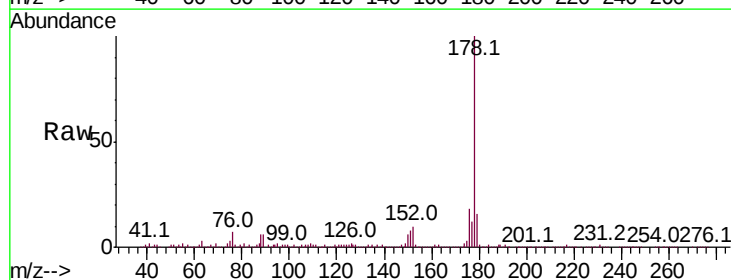
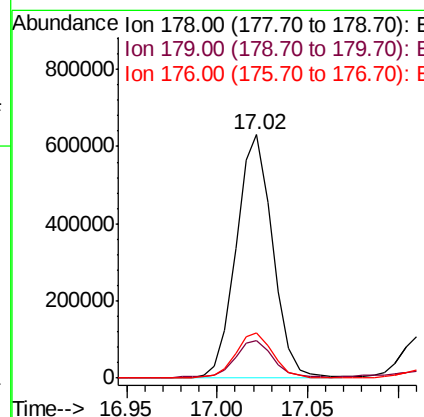
Manual Integrations
APPROVED

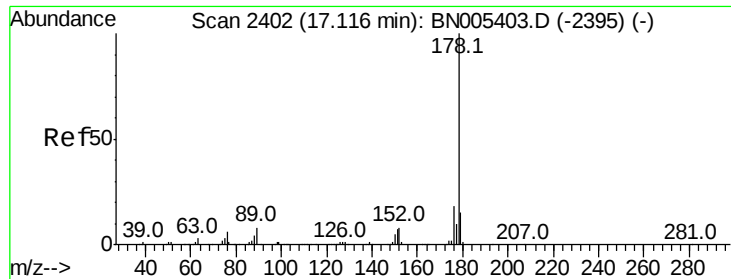
Sohil
5/2/2019 4:57:10 PM



#69
Phenanthrene
Concen: 7.848 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005406.D
Acq: 01 May 2019 12:28

Tgt Ion:	178	Resp:	871895
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	18.4	15.1	22.7





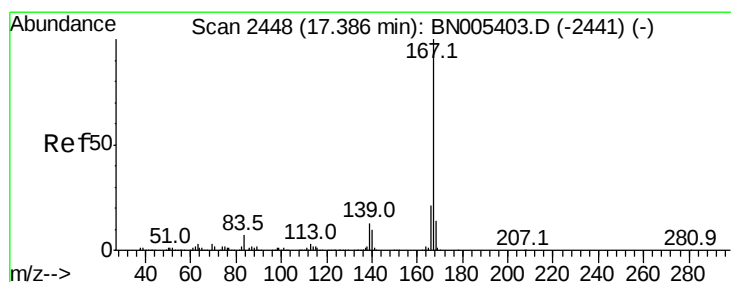
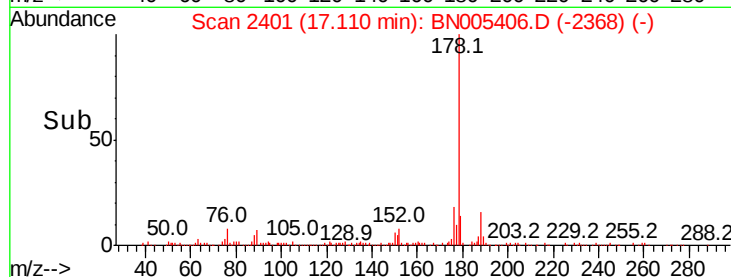
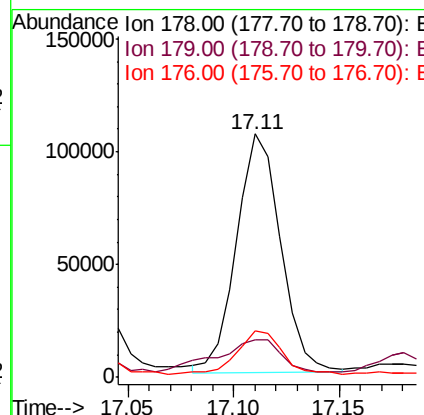
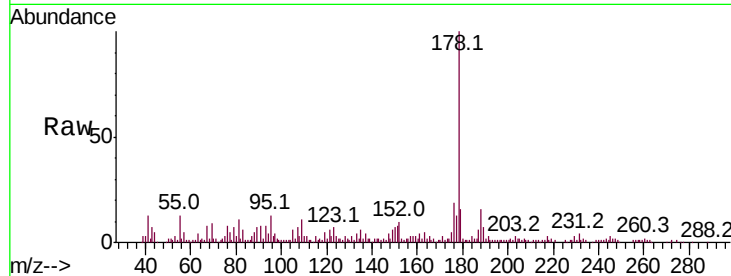
#71
 Anthracene
 Concen: 1.355 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005406.D
 Acq: 01 May 2019 12:28

Instrument :
 BNA_N
 ClientSampleID :
 BFH43

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.9	15.1	22.7

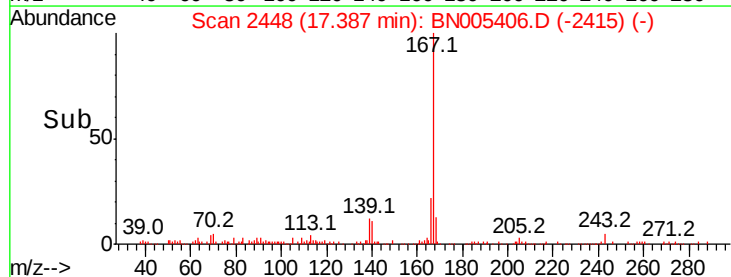
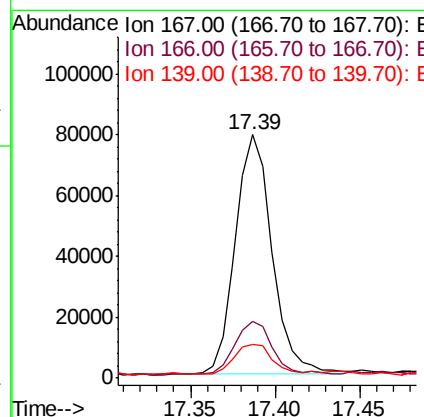
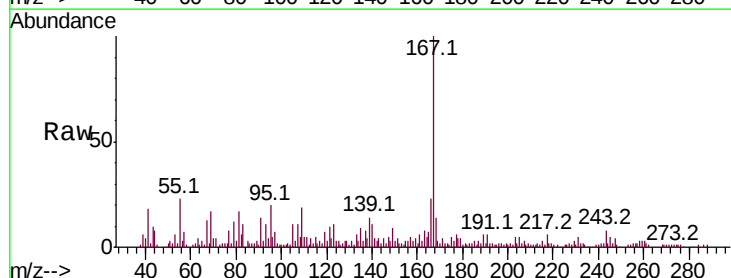
Manual Integrations
 APPROVED

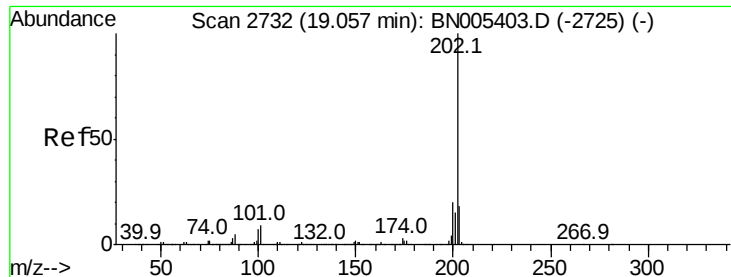
Sohil
 5/2/2019 4:57:10 PM



#74
 Carbazole
 Concen: 1.232 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BN005406.D
 Acq: 01 May 2019 12:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.2	25.8
139	13.7	10.6	16.0





#76

Fluoranthene

Concen: 28.326 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Instrument :

BNA_N

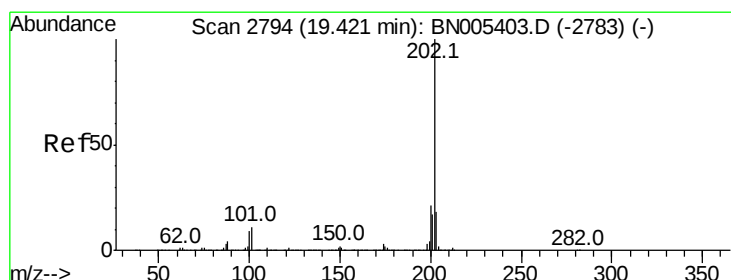
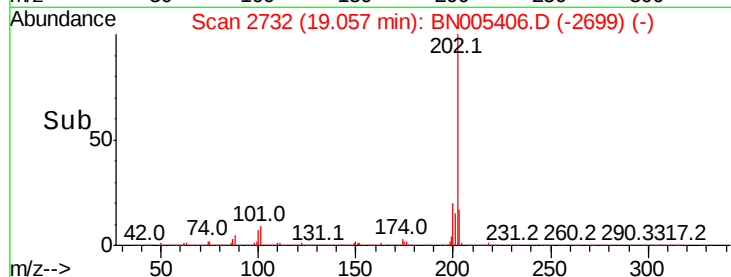
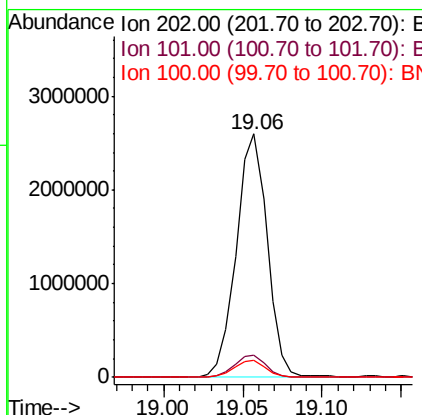
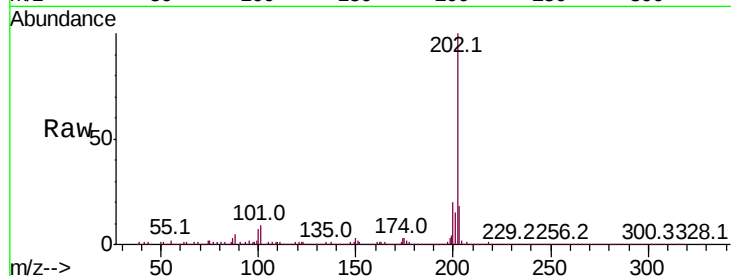
ClientSampled :

BFH43

Tot Ion:	202	Resp:	3490762
Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.6	12.8
100	7.2	6.3	9.5

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:10 PM



#79

Pyrene

Concen: 29.857 ng/ul

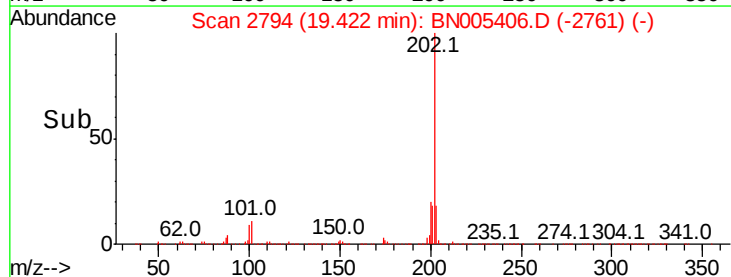
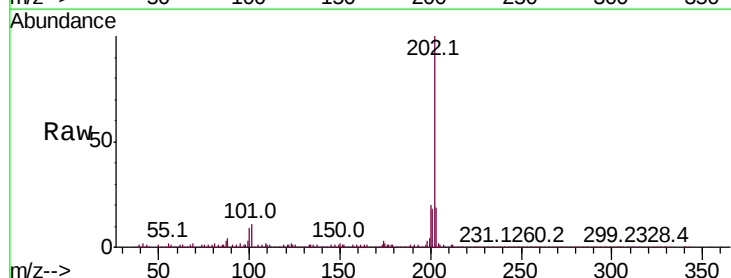
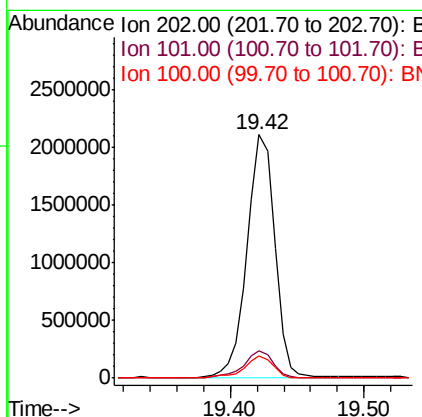
RT: 19.42 min Scan# 2794

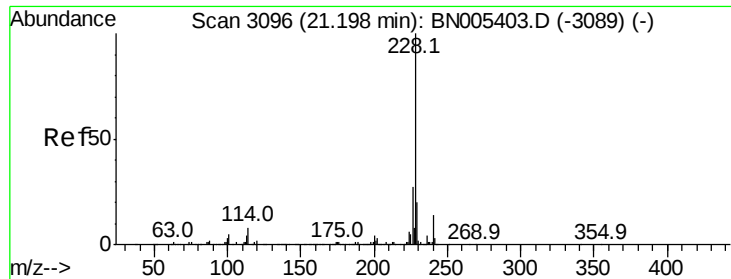
Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Tgt Ion:	202	Resp:	3009670
Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.3	15.5
100	9.2	7.9	11.9





#82

Benzo(a)anthracene

Concen: 16.059 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Instrument :

BNA_N

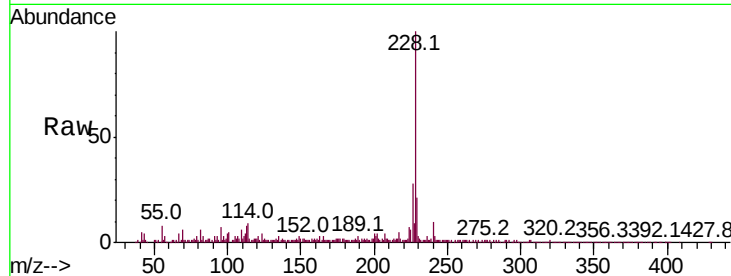
ClientSampled :

BFH43

Tot	Ion:228	Resp: 1564107	
Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	27.5	21.4	32.2

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:10 PM

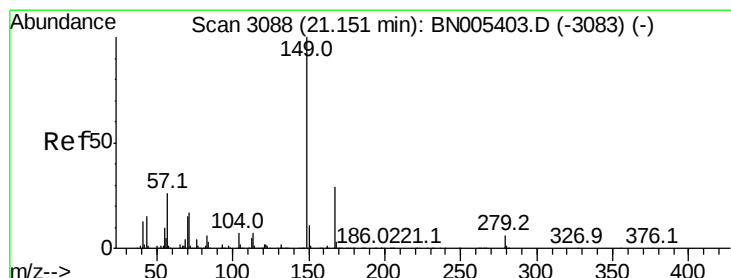
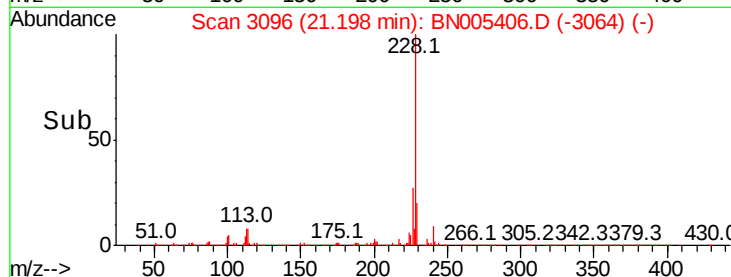
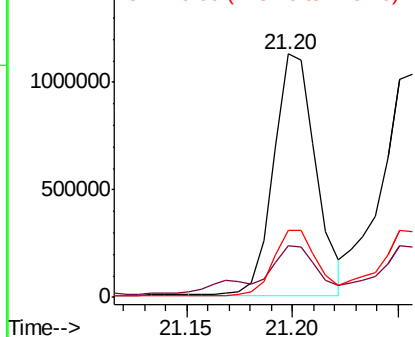


Abundance

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: 1.616 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

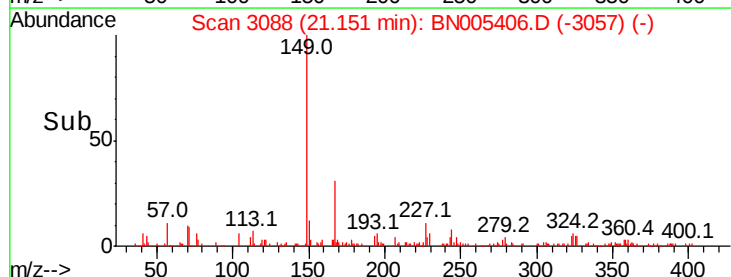
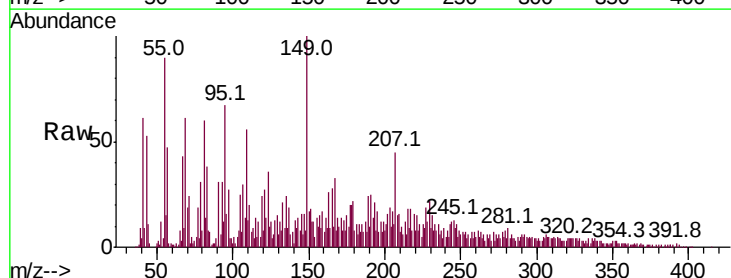
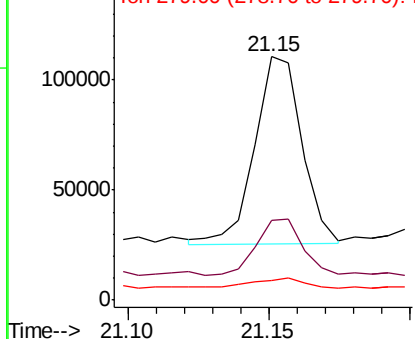
Tgt Ion:149	Resp: 99284
Ion Ratio	Lower Upper
149 100	
167 32.8	22.3 33.5
279 8.1	3.3 4.9#

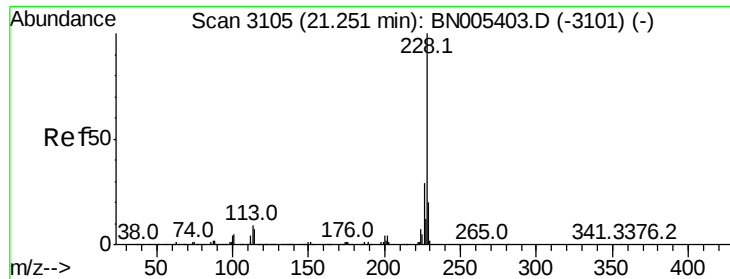
Abundance

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: 17.689 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Instrument :

BNA_N

ClientSampled :

BFH43

Tot Ion:228 Resp: 1598931

Ion Ratio Lower Upper

228 100

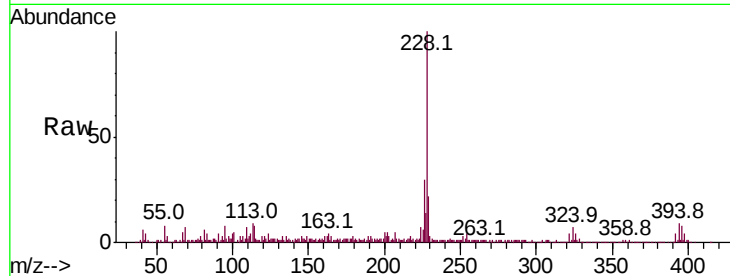
226 29.6 24.0 36.0

229 22.5 15.4 23.0

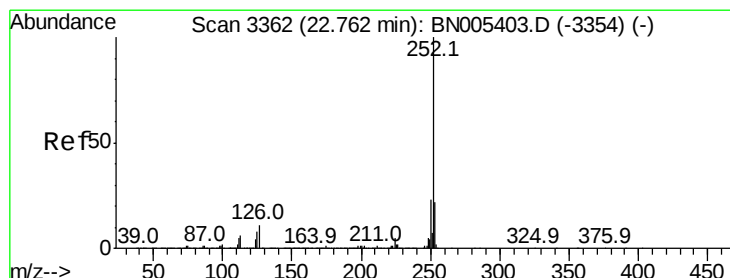
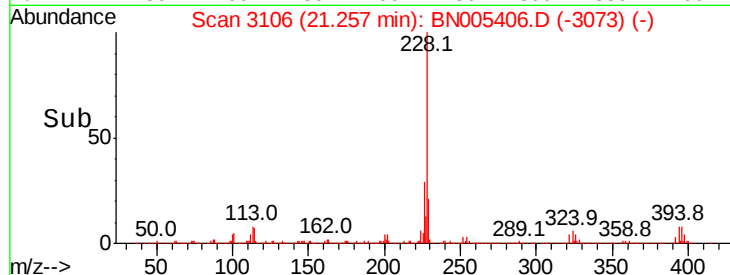
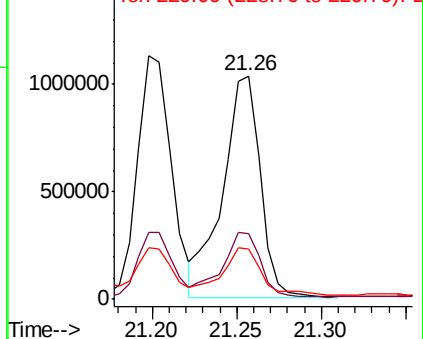
Manual Integrations
APPROVED

Sohil

5/2/2019 4:57:10 PM



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: 19.494 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

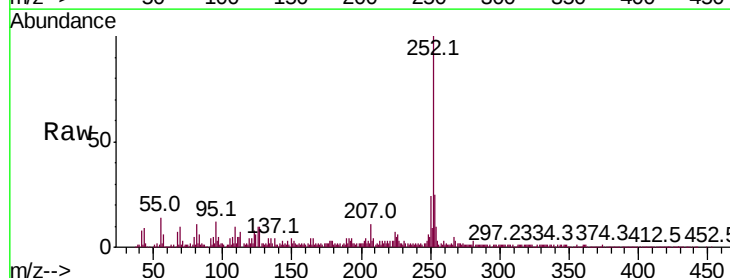
Tgt Ion:252 Resp: 1746581

Ion Ratio Lower Upper

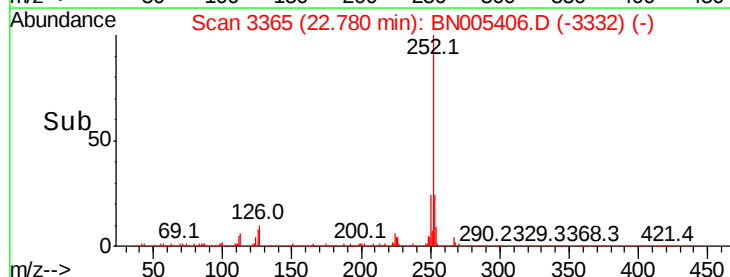
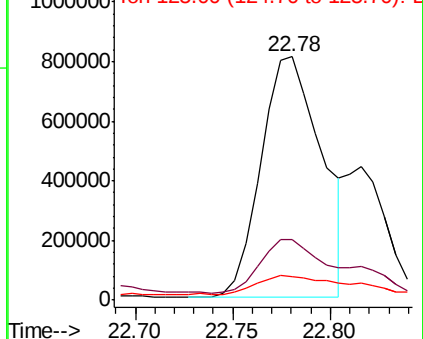
252 100

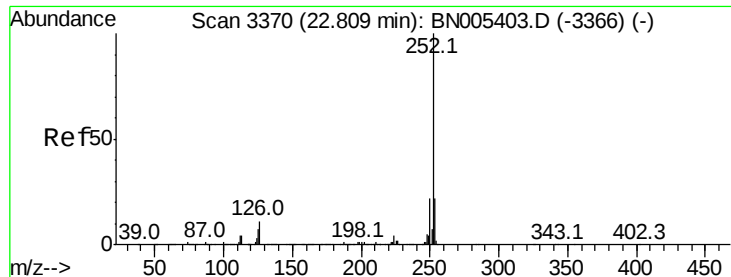
253 25.1 17.7 26.5

125 9.9 8.4 12.6



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





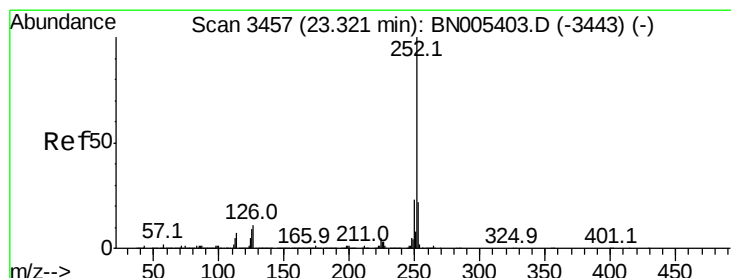
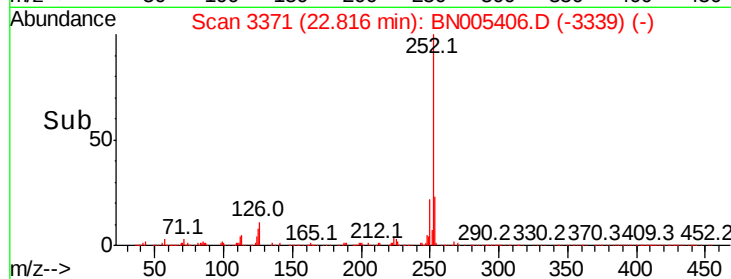
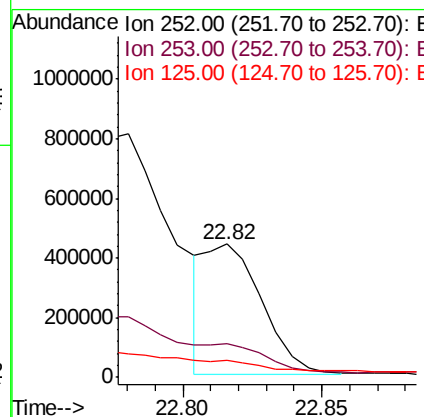
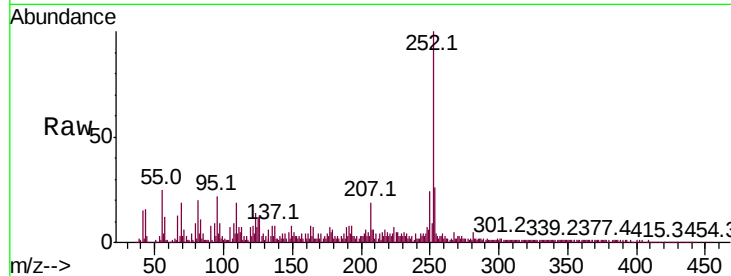
#88
Benzo(k)fluoranthene
Concen: 7.271 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN005406.D
Acq: 01 May 2019 12:28

Instrument :
BNA_N
ClientSampleId :
BFH43

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	12.3	7.5	11.3

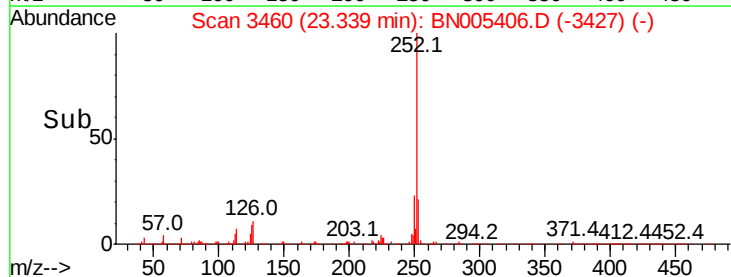
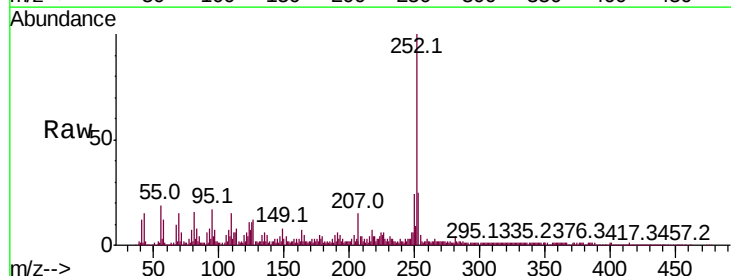
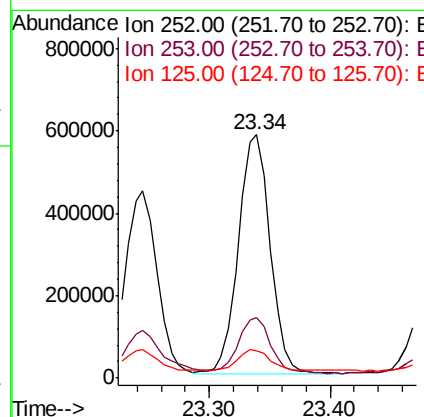
Manual Integrations
APPROVED

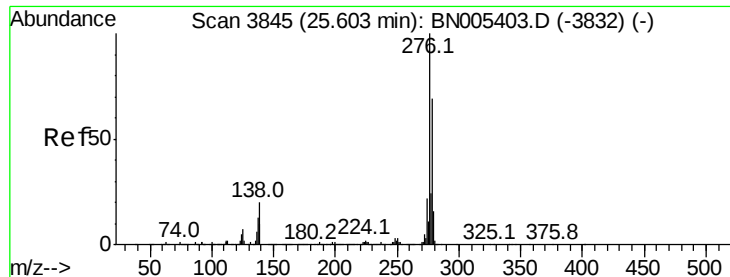
Sohil
5/2/2019 4:57:10 PM



#90
Benzo(a)pyrene
Concen: 12.648 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN005406.D
Acq: 01 May 2019 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	11.5	8.6	13.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.463 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Instrument :

BNA_N

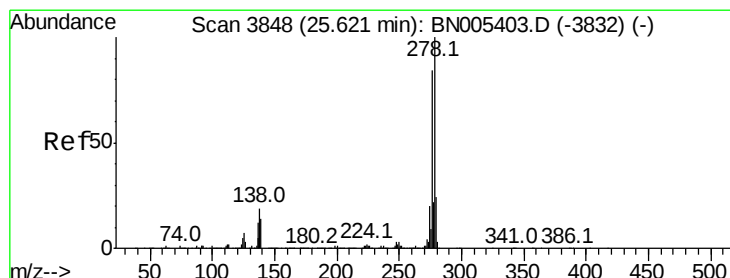
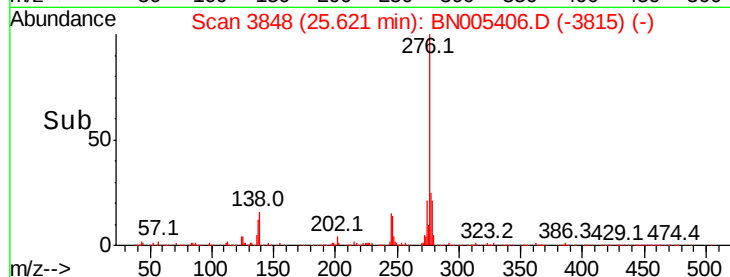
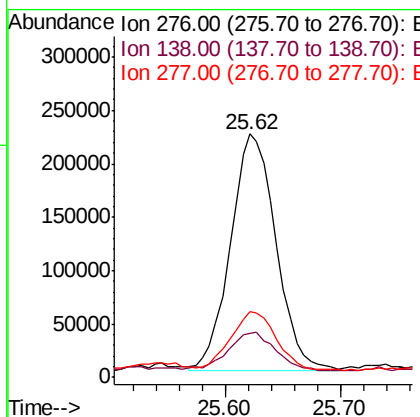
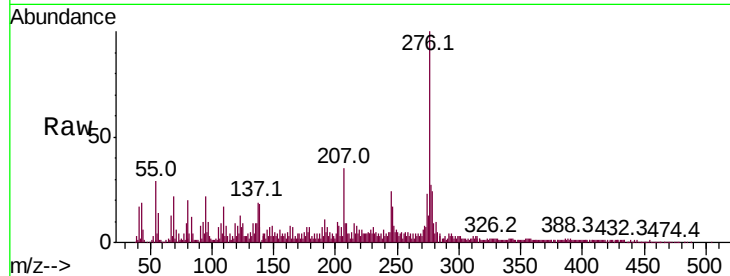
ClientSampleId :

BFH43

Tot Ion:	276	Resp:	601735
Ion Ratio	Lower	Upper	
276	100		
138	17.8	17.9	26.9#
277	27.1	19.7	29.5

Manual Integrations
APPROVED

Sohil
5/2/2019 4:57:10 PM



#92

Dibenzo(a,h)anthracene

Concen: 2.147 ng/ul

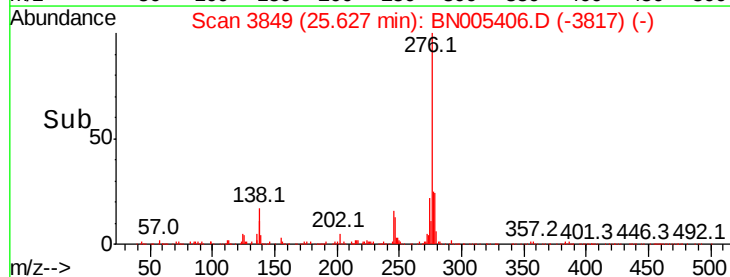
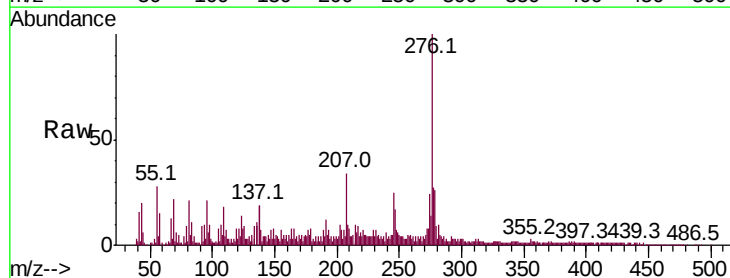
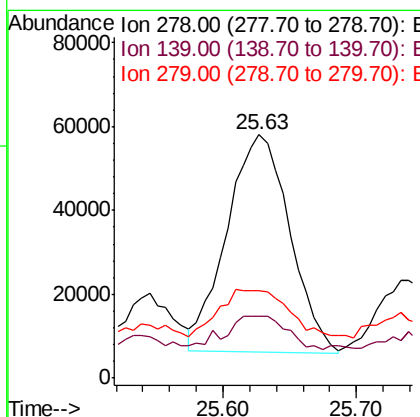
RT: 25.63 min Scan# 3849

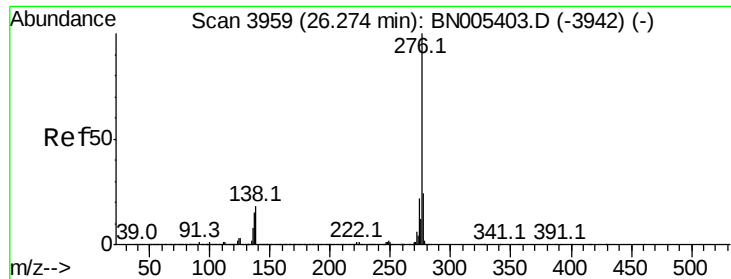
Delta R.T. -0.01 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Tgt Ion:	278	Resp:	169650
Ion Ratio	Lower	Upper	
278	100		
139	25.7	13.1	19.7#
279	35.9	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 8.008 ng/ul

RT: 26.29 min Scan# 3962

Delta R.T. 0.00 min

Lab File: BN005406.D

Acq: 01 May 2019 12:28

Instrument :

BNA_N

ClientSampleId :

BFH43

Tot Ion: 276 Resp: 616548

Ion Ratio Lower Upper

276 100

138 19.9 16.7 25.1

277 25.4 18.2 27.2

Manual Integrations

APPROVED

Sohil

5/2/2019 4:57:10 PM

