

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005433.D
 Acq On : 03 May 2019 01:55
 Operator : JU/SJ
 Sample : K2603-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ57

Manual Integrations
 APPROVED

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 5/3/2019 4:57:28 PM

Quant Time: May 03 05:17:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	354366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1629917	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1036627	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2295963	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1794652	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1854024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7526	1.03	ng/uL	0.00
5) Phenol-d5	6.78	99	188916	6.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	115040	6.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	156839	7.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	166334	7.65	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	87350	8.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	97090	9.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	170230	7.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	176621	7.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	626762	8.33	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	753039	8.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	65410	5.51	ng/ul	0.01
57) Fluorene-d10	15.22	176	550887	8.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	63518	6.15	ng/ul	0.00
70) Anthracene-d10	17.07	188	824225	8.56	ng/ul	0.00
78) Pyrene-d10	19.39	212	842890	9.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	661117	8.16	ng/ul	-0.01

Target Compounds

						Ovalue
44) Dimethylphthalate	13.69	163	126524	1.687	ng/ul	100
47) Acenaphthylene	13.94	152	687085	7.565	ng/ul	99
58) Fluorene	15.28	166	95706	1.374	ng/ul	95
69) Phenanthrene	17.02	178	527070	4.714	ng/ul	99
71) Anthracene	17.11	178	311696	2.736	ng/ul	98
76) Fluoranthene	19.06	202	3722174	30.011	ng/ul	95
79) Pyrene	19.42	202	6286343	54.403	ng/ul	96
82) Benzo(a)anthracene	21.19	228	2632155m	23.576	ng/ul	
84) Chrysene	21.25	228	2203620	21.267	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	1937859	18.594	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	691578m	6.948	ng/ul	
90) Benzo(a)pyrene	23.32	252	2042149m	20.846	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	892948	8.245	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.59	278	263931m	2.871	ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	812383	9.071	ng/ul	94

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

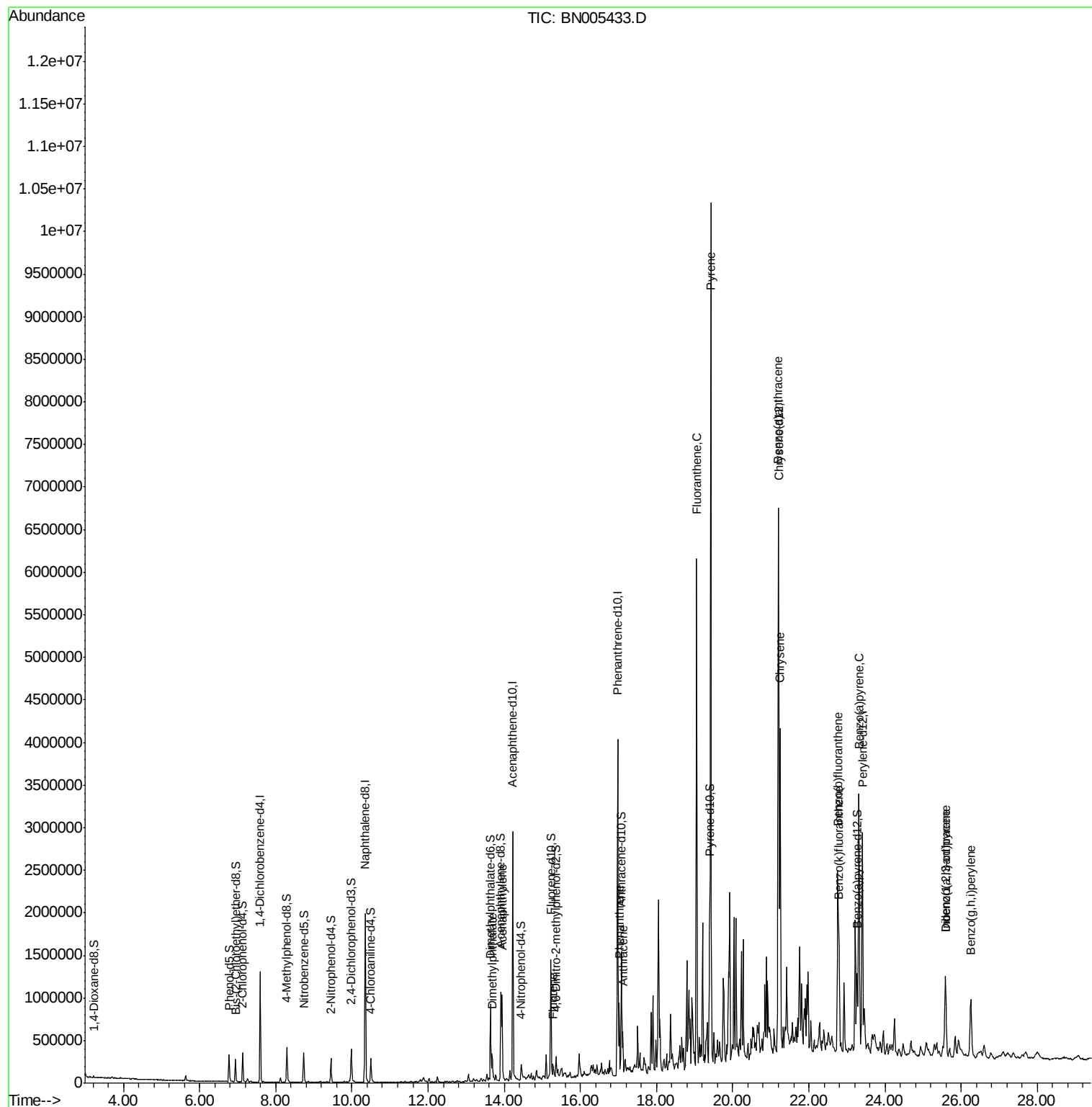
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005433.D
Acq On : 03 May 2019 01:55
Operator : JU/SJ
Sample : K2603-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

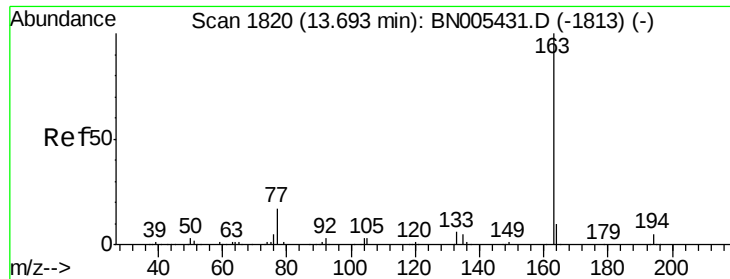
Instrument :
BNA_N
ClientSampleId :
GAJ57

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Quant Time: May 03 05:17:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





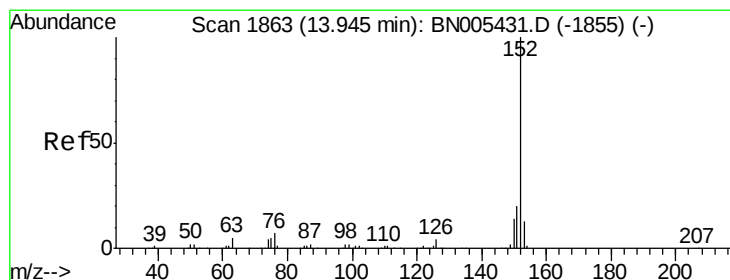
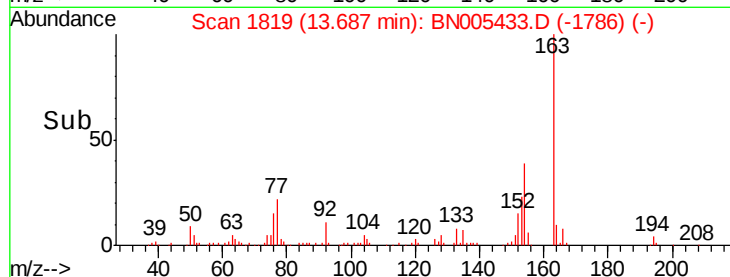
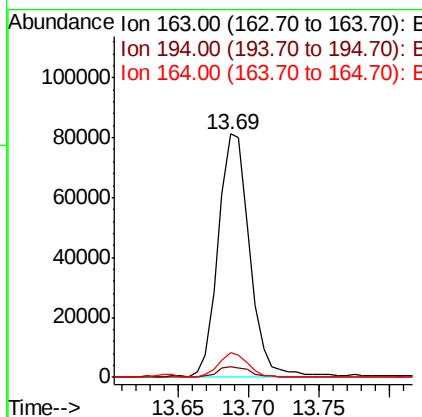
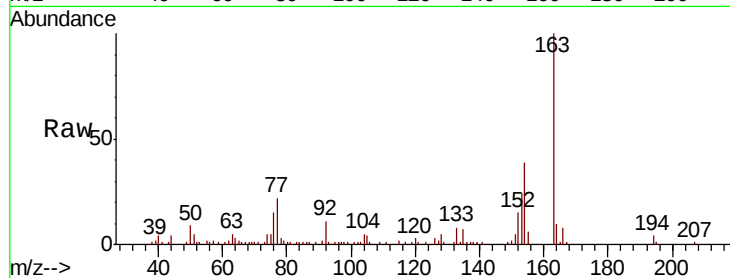
#44
Dimethylphthalate
Concen: 1.687 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Instrument :
BNA_N
ClientSampled :
GAJ57

Tot Ion:	163	Resp:	126524
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.1	8.1	12.1

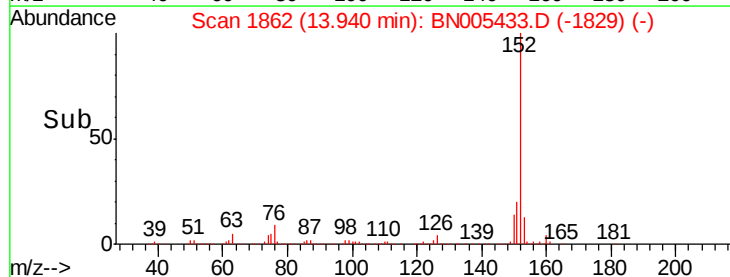
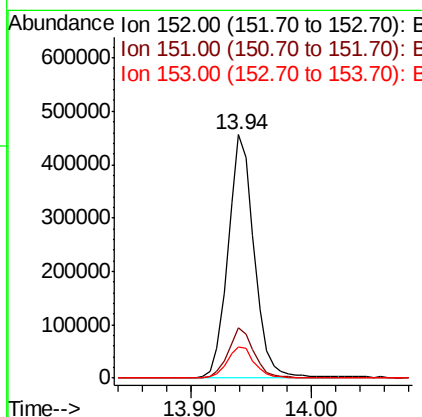
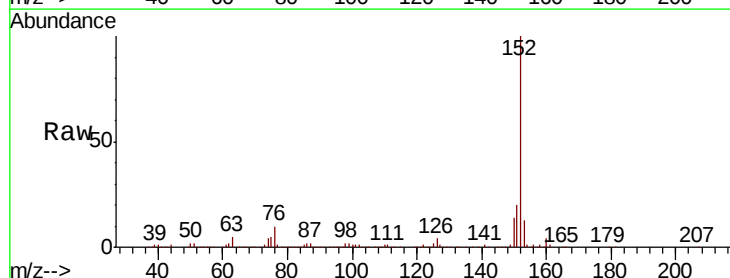
Manual Integrations
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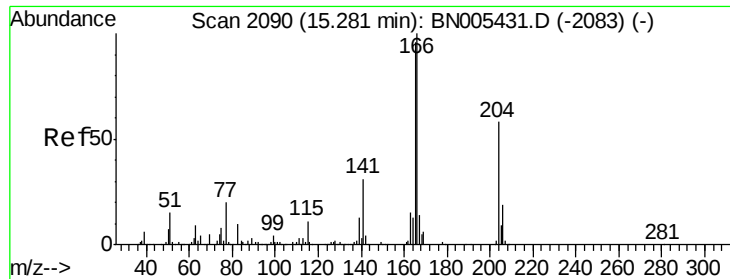
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#47
Acenaphthylene
Concen: 7.565 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Tgt Ion:	152	Resp:	687085
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	12.8	9.8	14.8





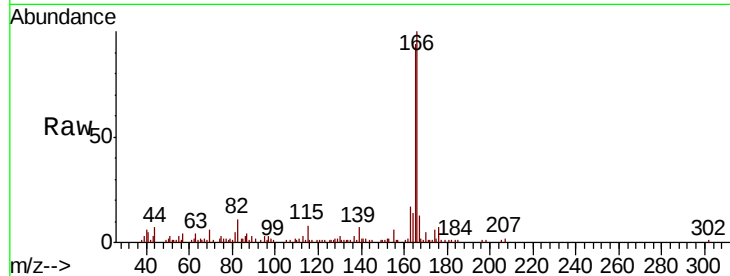
#58
Fluorene
Concen: 1.374 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Instrument :
BNA_N
ClientSampleId :
GAJ57

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.8	80.0	120.0
167	13.4	10.7	16.1

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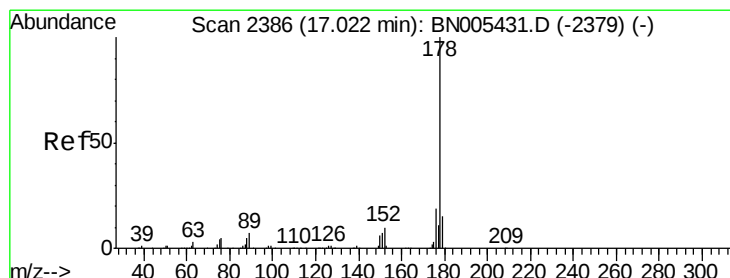
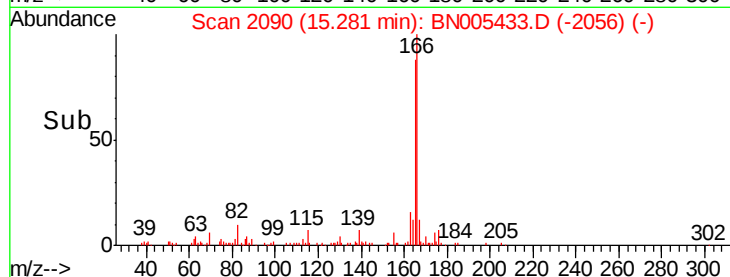
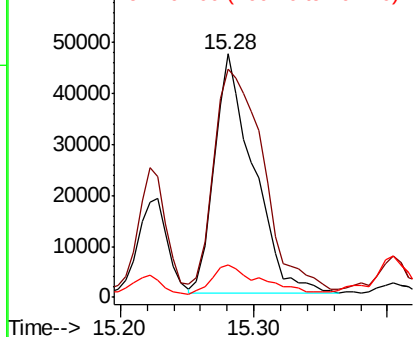


Abundance

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: 4.714 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

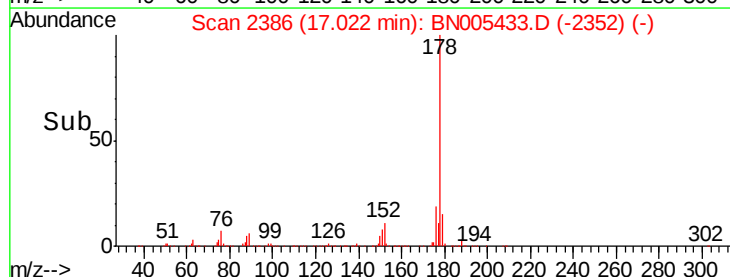
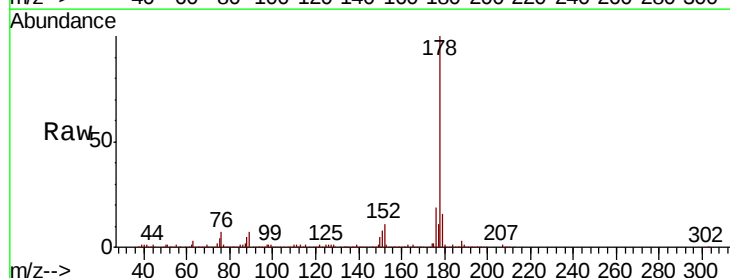
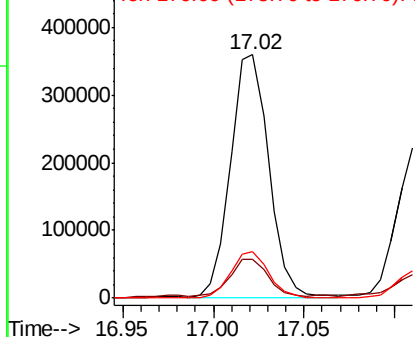
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	19.1	15.1	22.7

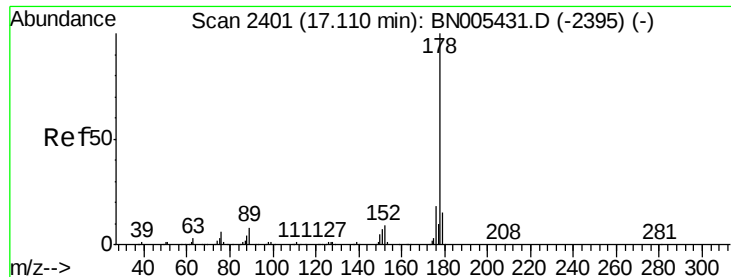
Abundance

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





#71

Anthracene

Concen: 2.736 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005433.D

Acq: 03 May 2019 01:55

Instrument :

BNA_N

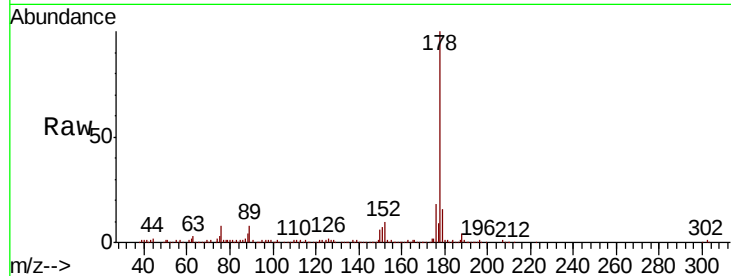
ClientSampleId :

GAJ57

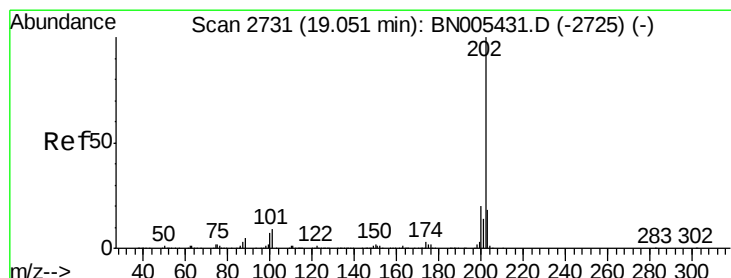
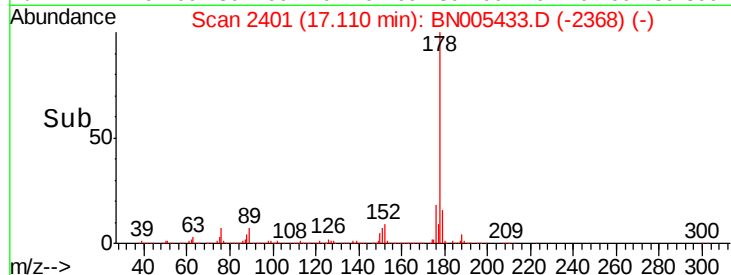
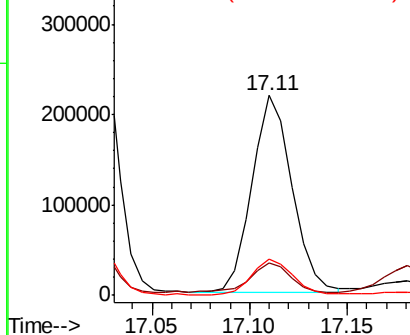
Tot Ion:	178	Resp:	311696
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	18.1	15.1	22.7

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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



#76

Fluoranthene

Concen: 30.011 ng/ul

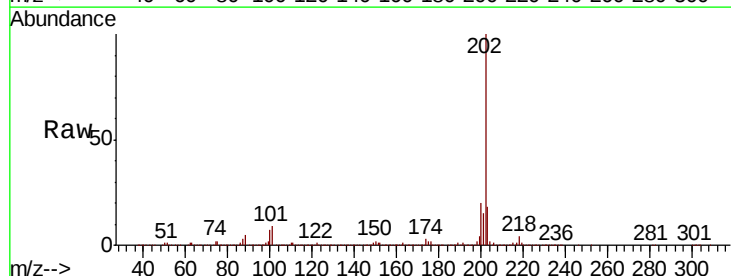
RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

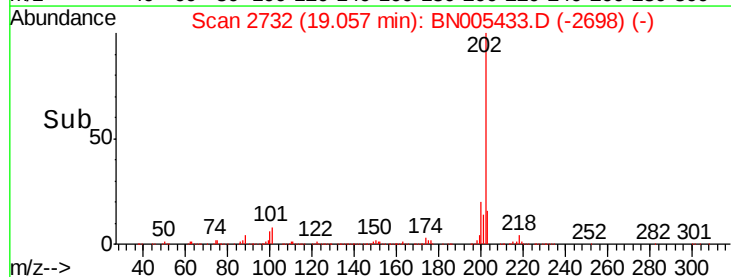
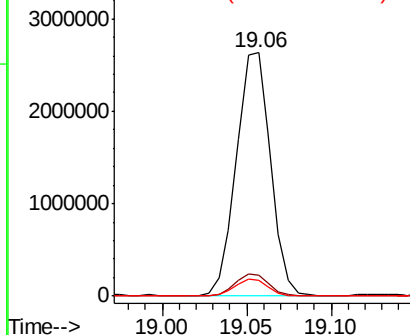
Lab File: BN005433.D

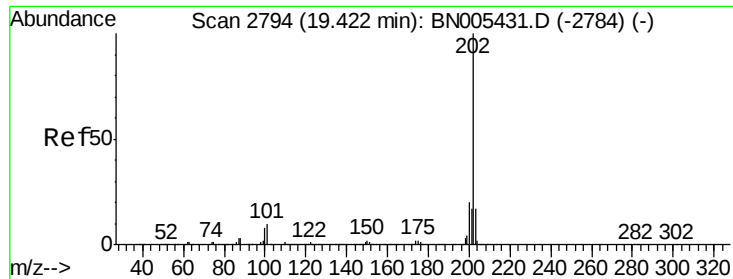
Acq: 03 May 2019 01:55

Tgt Ion:	202	Resp:	3722174
Ion Ratio	Lower	Upper	
202	100		
101	8.7	8.6	12.8
100	6.6	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





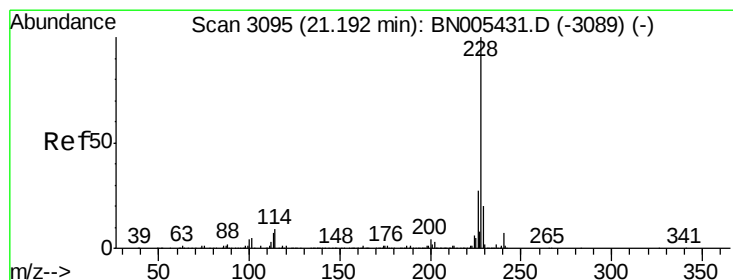
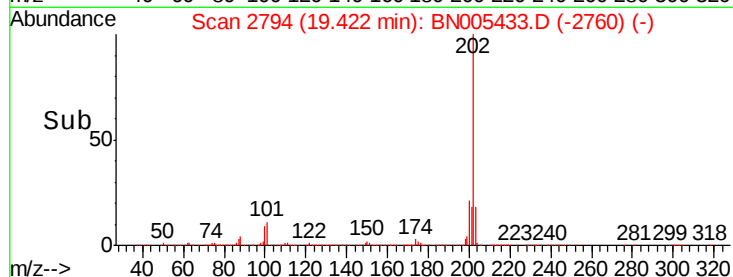
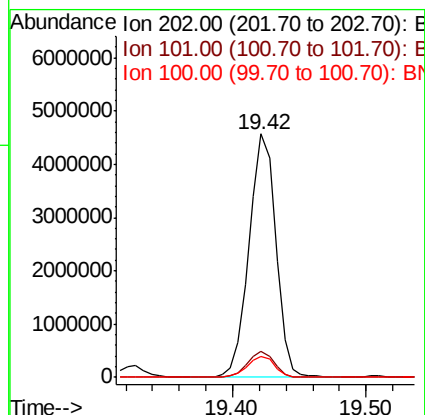
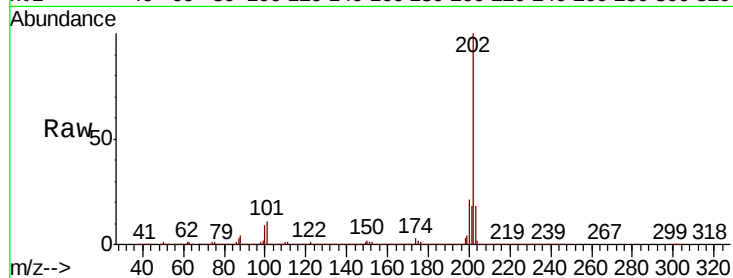
#79
Pvrene
Concen: 54.403 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Instrument :
BNA_N
ClientSampleId :
GAJ57

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.3	15.5
100	8.8	7.9	11.9

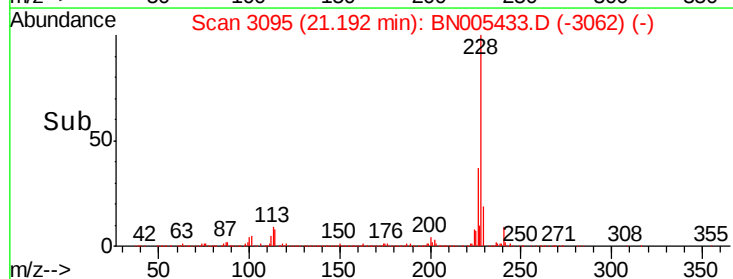
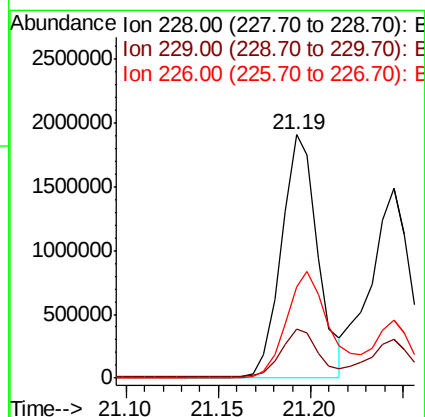
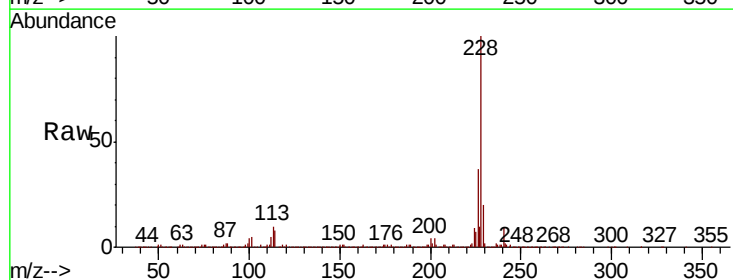
Manual Integrations
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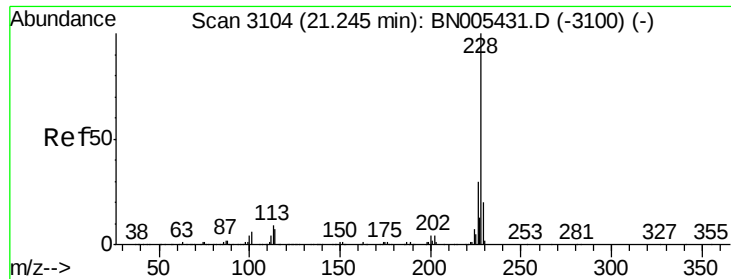
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#82
Benzo(a)anthracene
Concen: 23.576 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	37.4	21.4	32.2





#84

Chrysene

Concen: 21.267 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005433.D

Acq: 03 May 2019 01:55

Instrument :

BNA_N

ClientSampled :

GAJ57

Tot Ion:228 Resp: 2203620

Ion Ratio Lower Upper

228 100

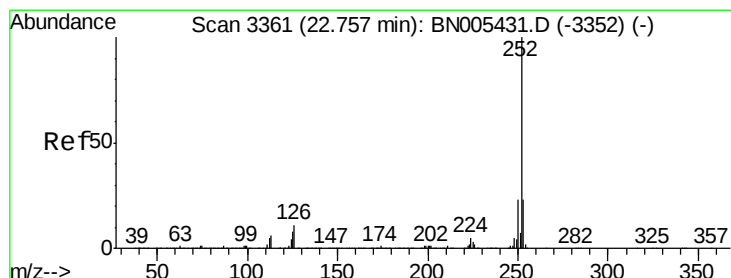
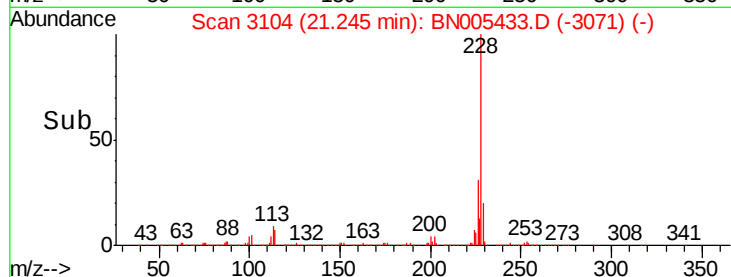
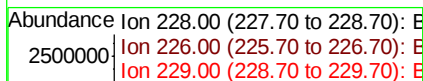
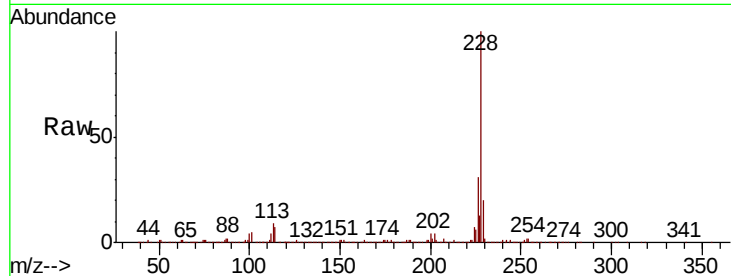
226 30.7 24.0 36.0

229 20.2 15.4 23.0

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 18.594 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BN005433.D

Acq: 03 May 2019 01:55

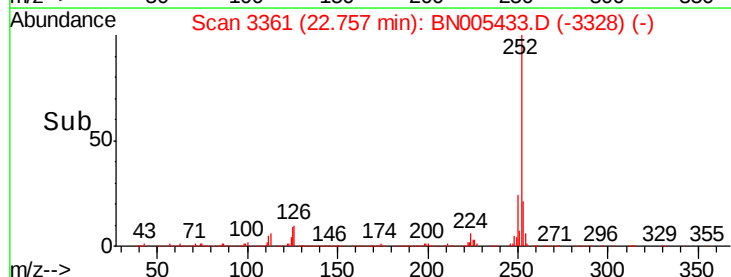
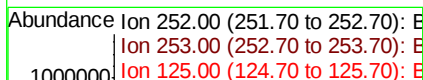
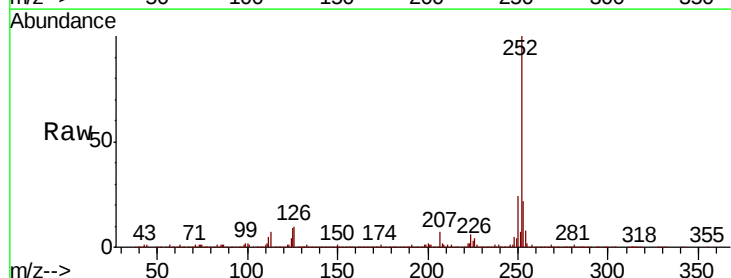
Tgt Ion:252 Resp: 1937859

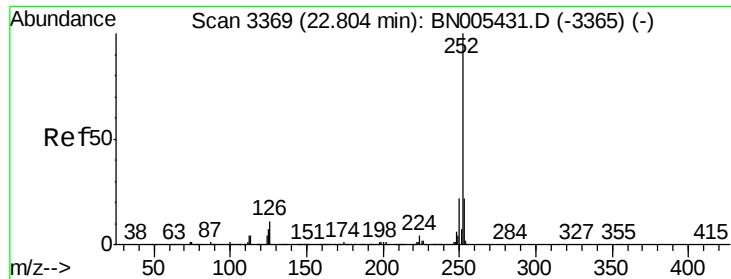
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.8 8.4 12.6





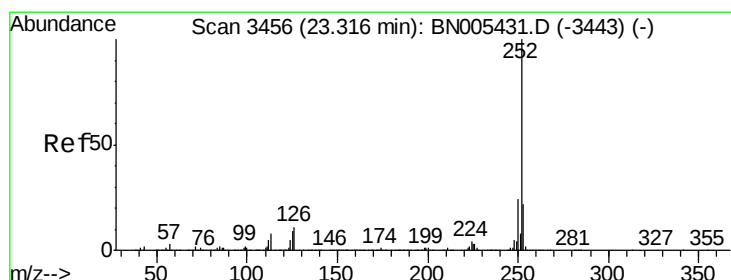
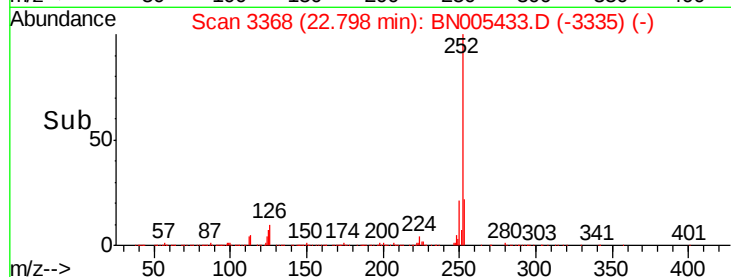
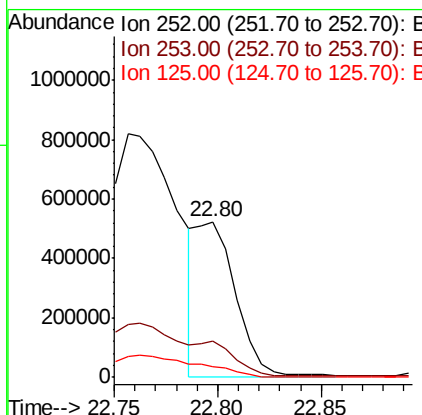
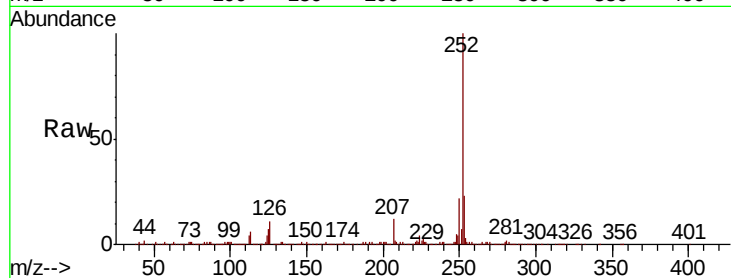
#88
Benzo(k)fluoranthene
Concen: 6.948 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Instrument :
BNA_N
ClientSampled :
GAJ57

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	7.3	7.5	11.3

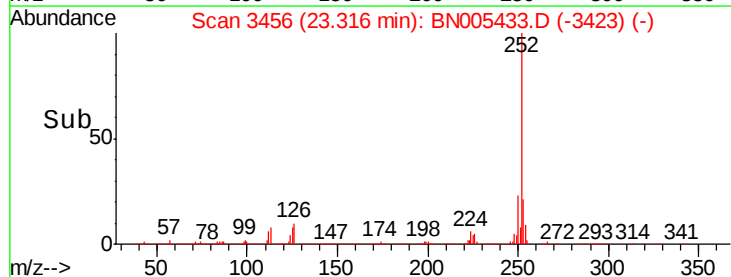
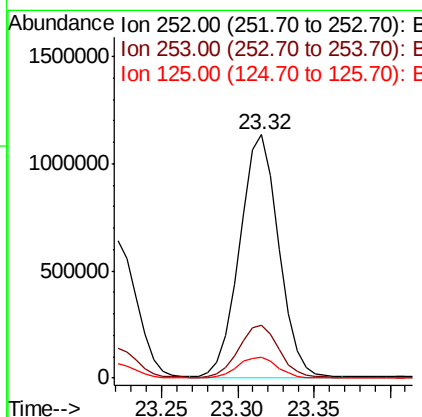
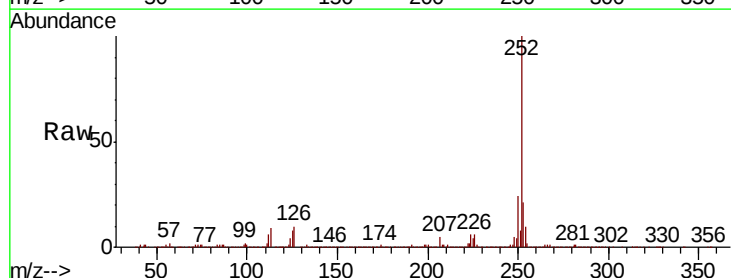
Manual Integrations
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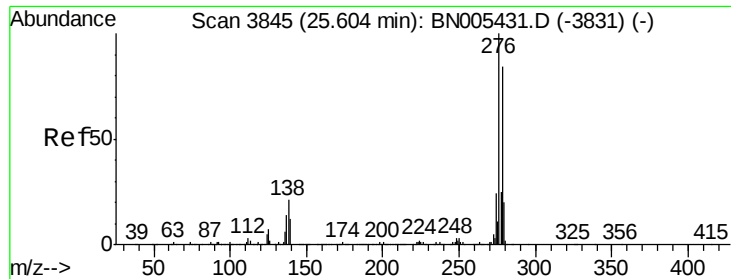
Sohil
5/3/2019 4:57:28 PM



#90
Benzo(a)pyrene
Concen: 20.846 ng/ul m
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005433.D
Acq: 03 May 2019 01:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	8.5	8.6	13.0





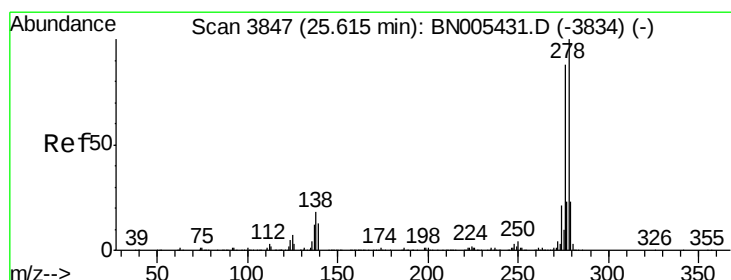
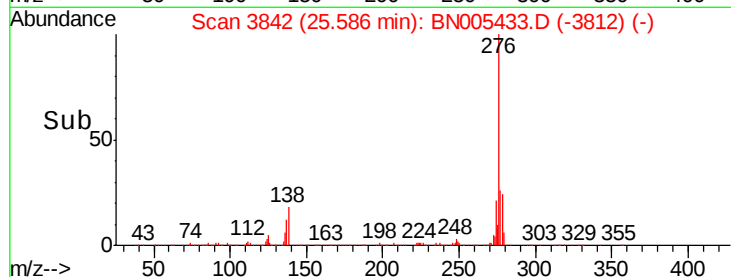
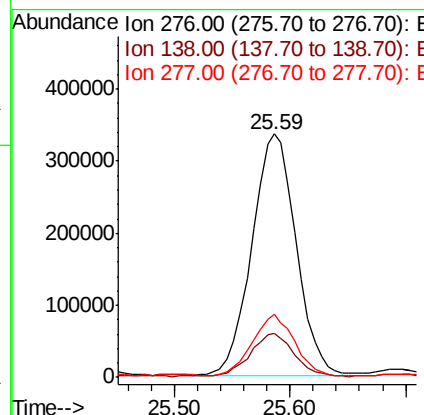
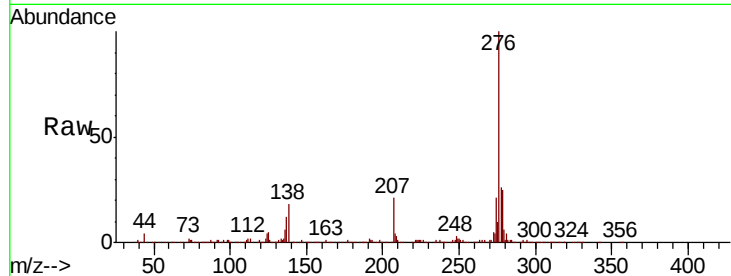
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 8.245 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BN005433.D
 Acq: 03 May 2019 01:55

Instrument :
 BNA_N
 ClientSampleId :
 GAJ57

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.9	26.9#
277	26.1	19.7	29.5

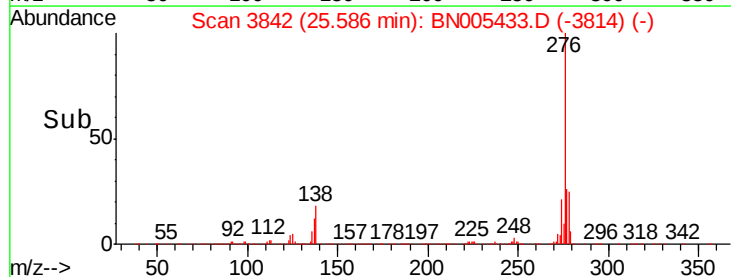
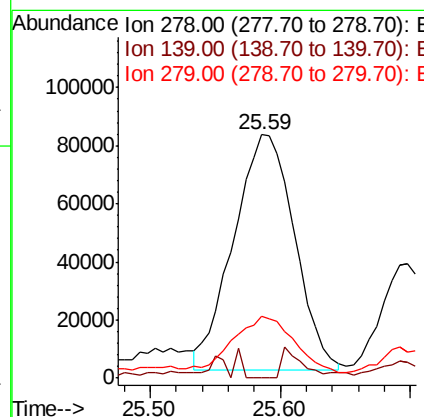
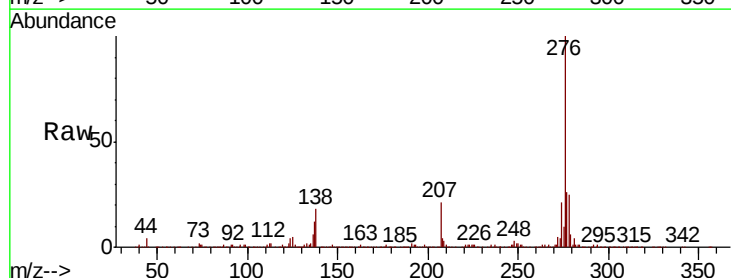
Manual Integrations
 APPROVED

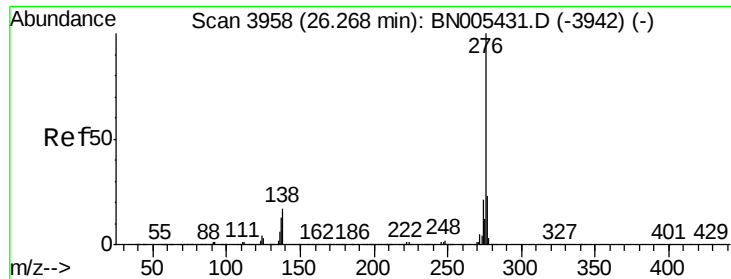
Sohil
 5/3/2019 4:57:28 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.871 ng/ul m
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.04 min
 Lab File: BN005433.D
 Acq: 03 May 2019 01:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	25.4	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 9.071 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.03 min

Lab File: BN005433.D

Acq: 03 May 2019 01:55

Instrument :

BNA_N

ClientSampleId :

GAJ57

Tot Ion:	276	Resp:	812383
Ion Ratio	Lower	Upper	
276	100		
138	17.1	16.7	25.1
277	24.3	18.2	27.2

Manual Integrations
APPROVED

Sohil
5/3/2019 4:57:28 PM

