

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060119\
 Data File : BN006026.D
 Acq On : 02 Jun 2019 11:16
 Operator : JU/SJ
 Sample : K2924-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4278

Manual Integrations
 APPROVED

Sohil
 6/4/2019 8:38:42 AM

Quant Time: Jun 03 03:52:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 01 01:49:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	501491	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	2145839	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1179877	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2304442	20.00	ng/ul	-0.02
77) Chrysene-d12	21.36	240	1476866	20.00	ng/ul	-0.02
85) Perylene-d12	23.66	264	1576343	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	63660	5.59	ng/uL	0.00
5) Phenol-d5	6.90	99	1246027	28.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	777741	30.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	1039570	30.70	ng/ul	-0.01
13) 4-Methylphenol-d8	8.44	113	971689	27.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.88	128	536946	38.99	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	582669	45.43	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	972620	32.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	905264	22.80	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	2919291	33.56	ng/ul	-0.01
46) Acenaphthylene-d8	14.08	160	3568080	32.79	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	366746	23.17	ng/ul	-0.02
57) Fluorene-d10	15.38	176	2512361	34.44	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	130799	13.93	ng/ul	-0.02
70) Anthracene-d10	17.24	188	3147446	32.09	ng/ul	-0.01
78) Pyrene-d10	19.55	212	2837616	38.04	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.51	264	2254113	32.05	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.84	163	936199	10.769	ng/ul	99
69) Phenanthrene	17.18	178	417960	3.661	ng/ul	99
76) Fluoranthene	19.21	202	839397	6.887	ng/ul	98
79) Pyrene	19.58	202	682133	7.291	ng/ul	96
82) Benzo(a)anthracene	21.35	228	308408	3.322	ng/ul	96
84) Chrysene	21.40	228	354411	4.093	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	426174	4.813	ng/ul#	92
88) Benzo(k)fluoranthene	23.01	252	142426m	1.750	ng/ul	
90) Benzo(a)pyrene	23.56	252	273778	3.279	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.96	276	194030	1.980	ng/ul	96
93) Benzo(g,h,i)perylene	26.66	276	132142	1.601	ng/ul	93

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

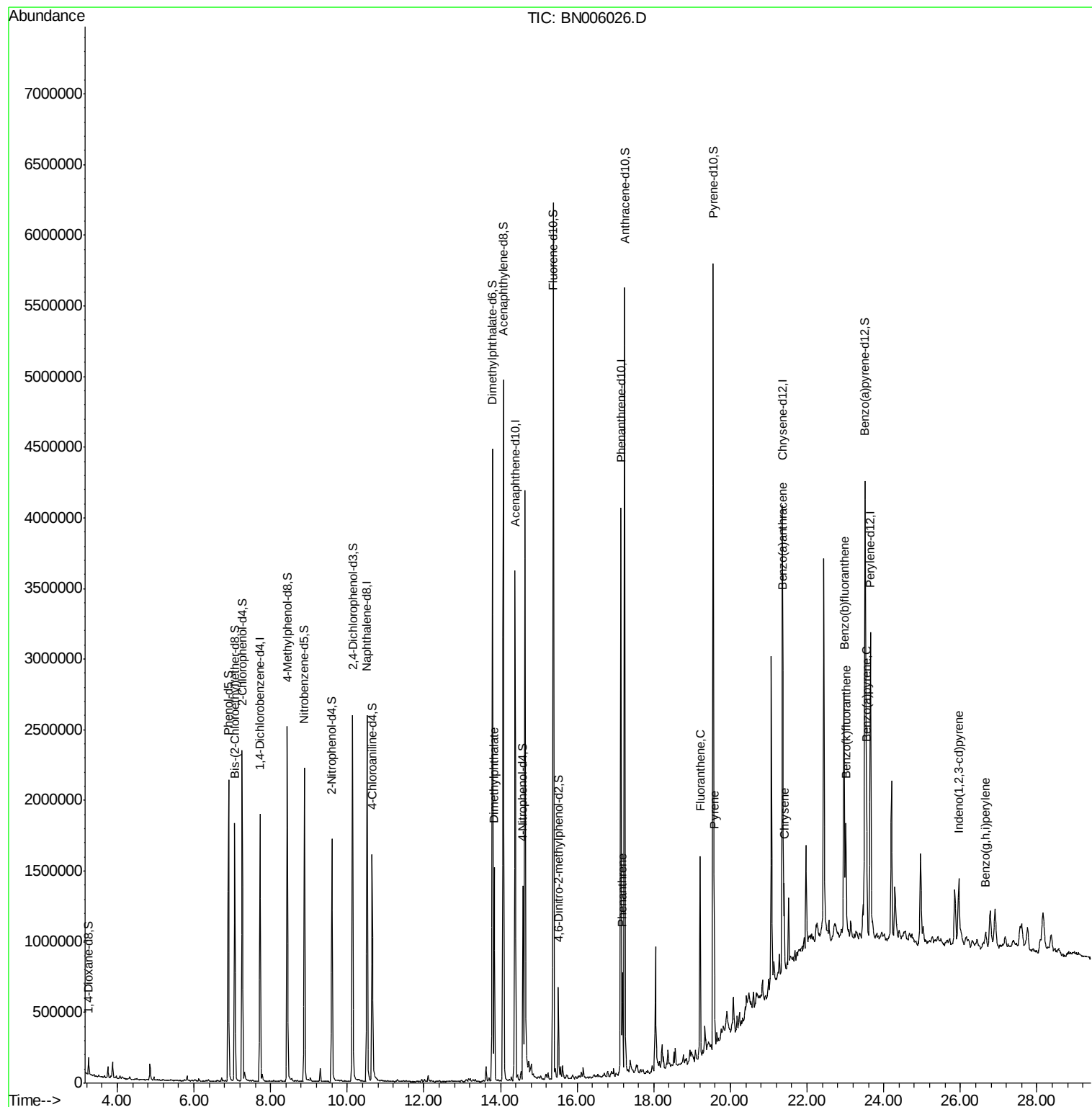
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060119\
Data File : BN006026.D
Acq On : 02 Jun 2019 11:16
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

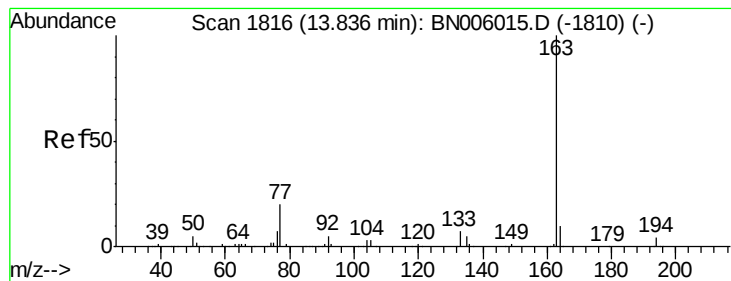
Instrument :
BNA_N
ClientSampled :
A4278

Quant Time: Jun 03 03:52:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
6/4/2019 8:38:42 AM





#44

Dimethylphthalate

Concen: 10.769 ng/ul

RT: 13.84 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

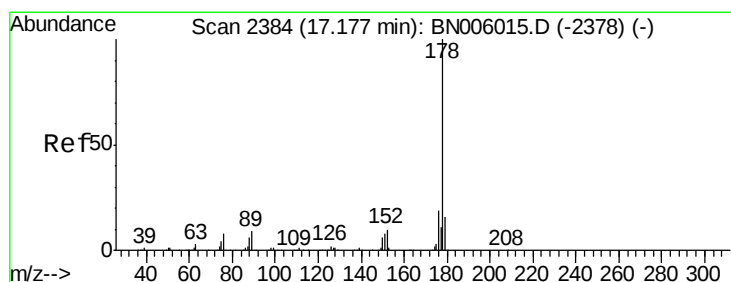
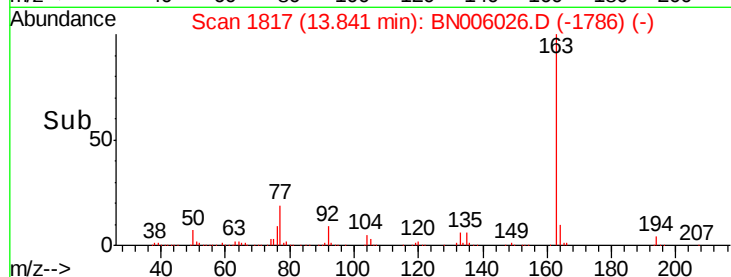
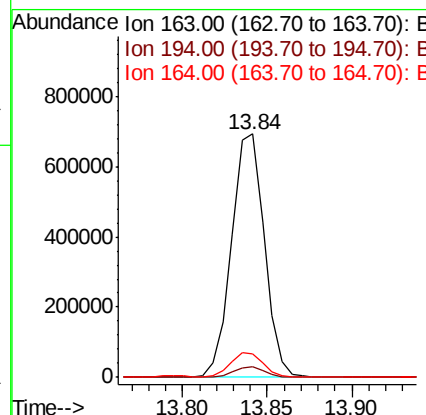
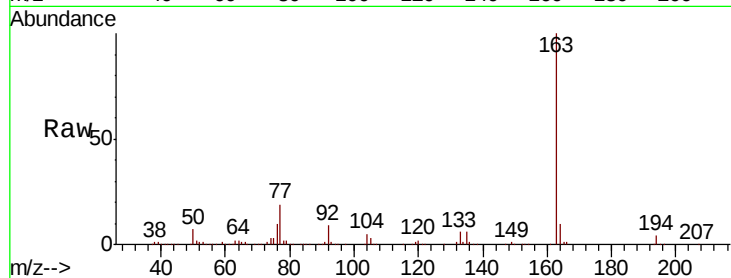
ClientSampleId :

A4278

Tot Ion:	163	Resp:	936199
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	9.7	8.1	12.1

Manual Integrations
APPROVED

Sohil
6/4/2019 8:38:42 AM



#69

Phenanthrene

Concen: 3.661 ng/ul

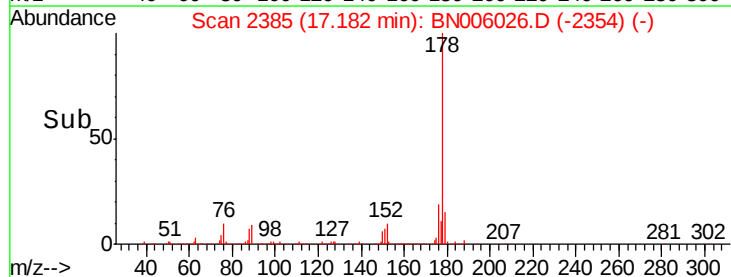
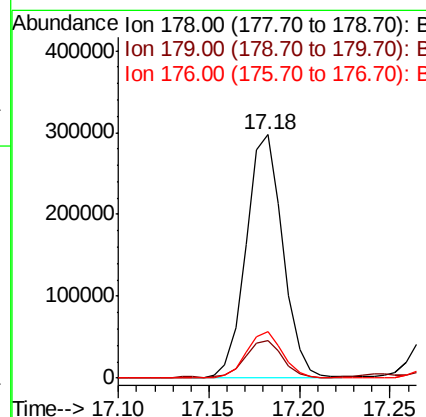
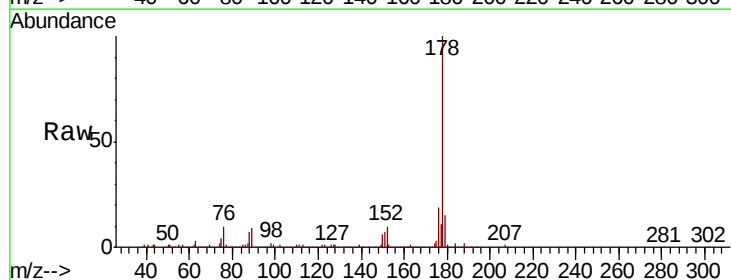
RT: 17.18 min Scan# 2385

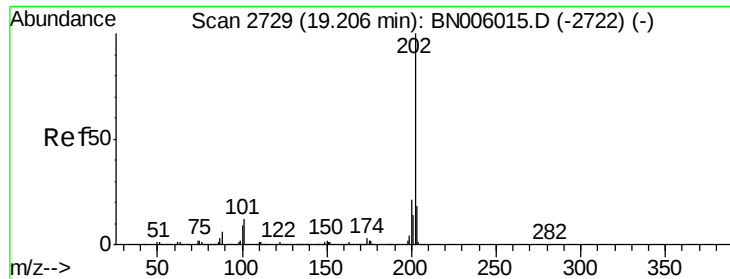
Delta R.T. -0.02 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Tgt Ion:	178	Resp:	417960
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.4
176	19.2	15.1	22.7





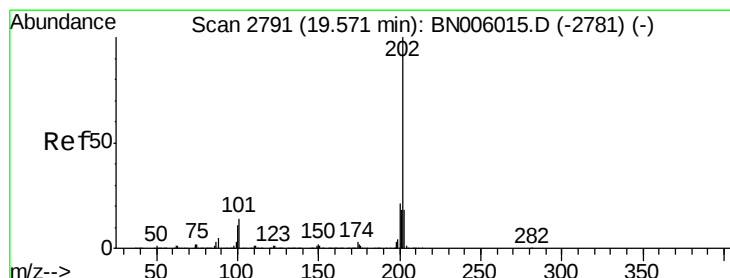
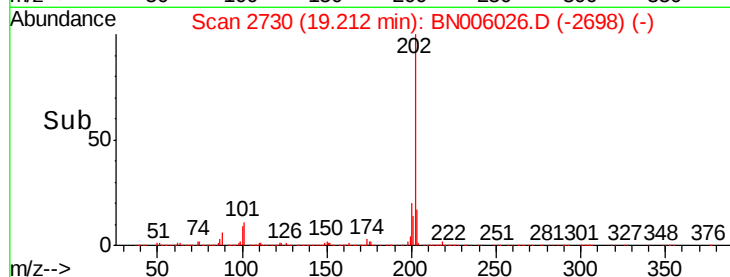
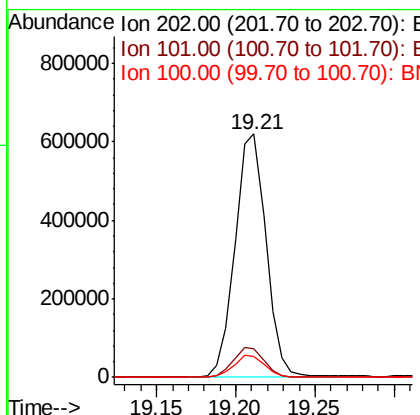
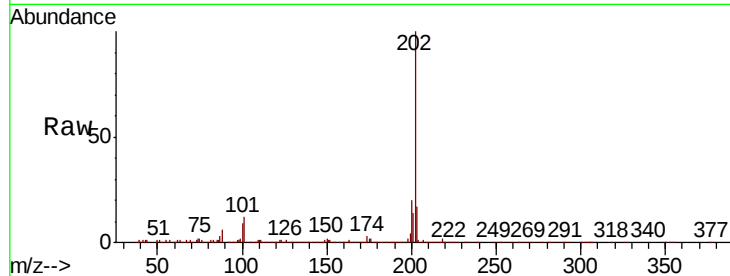
#76
Fluoranthene
Concen: 6.887 ng/ul
RT: 19.21 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Instrument :
BNA_N
ClientSampleId :
A4278

Tot Ion	Ratio	Resp	Lower	Upper
202	100	839397		
101	11.5	8.6	12.8	
100	8.8	6.3	9.5	

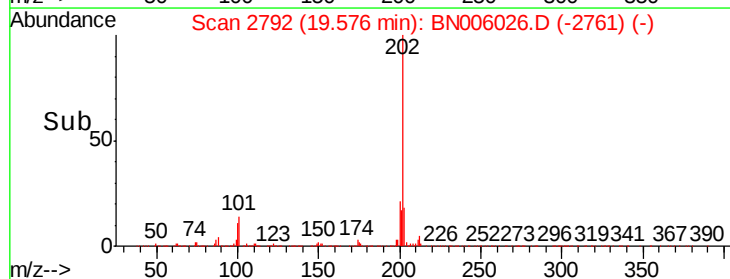
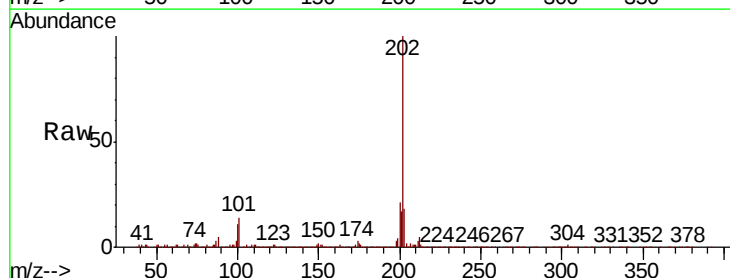
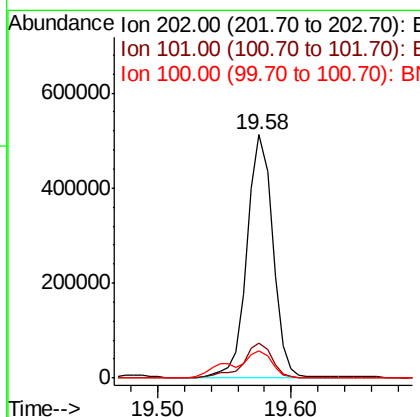
Manual Integrations
APPROVED

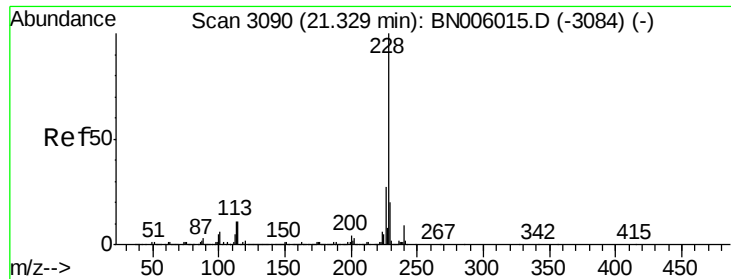
Sohil
6/4/2019 8:38:42 AM



#79
Pyrene
Concen: 7.291 ng/ul
RT: 19.58 min Scan# 2792
Delta R.T. -0.02 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	682133		
101	14.5	10.3	15.5	
100	11.3	7.9	11.9	





#82

Benzo(a)anthracene

Concen: 3.322 ng/ul

RT: 21.35 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

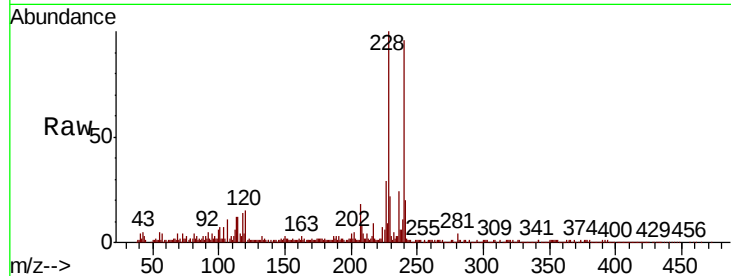
ClientSampleId :

A4278

Tot Ion:	228	Resp:	308408
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.8	23.6
226	28.9	21.4	32.2

Manual Integrations
APPROVED

Sohil
6/4/2019 8:38:42 AM

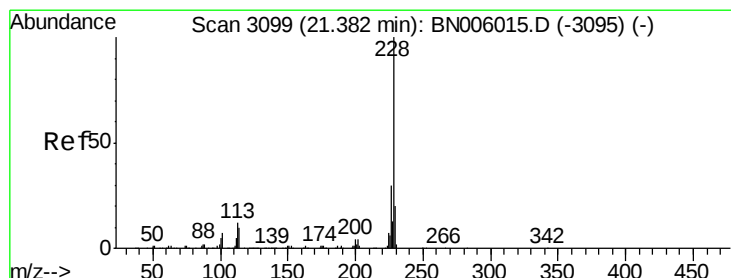
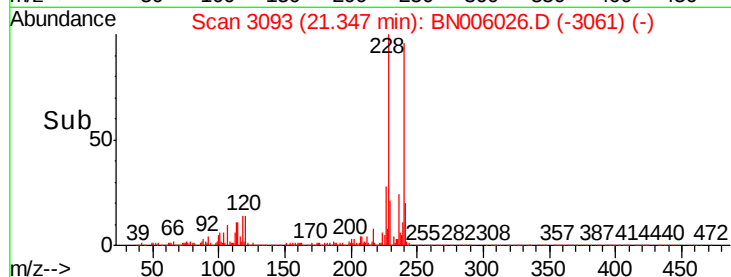
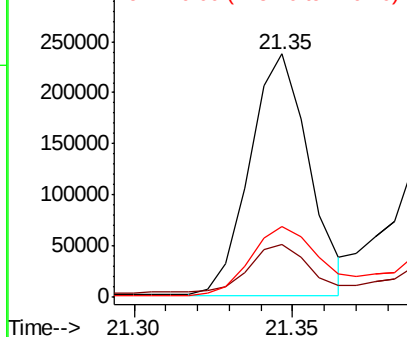


Abundance

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: 4.093 ng/ul

RT: 21.40 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

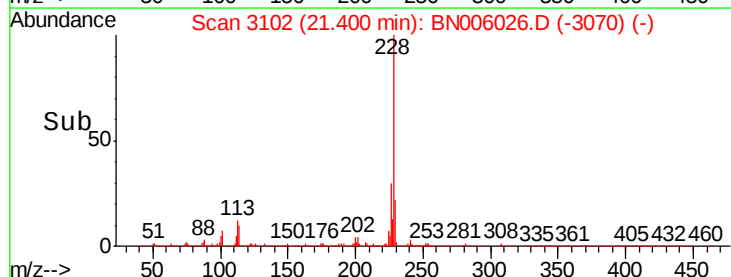
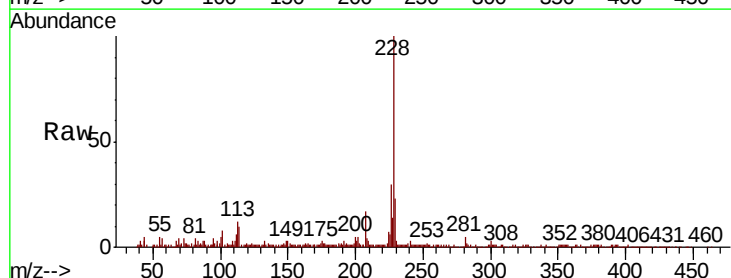
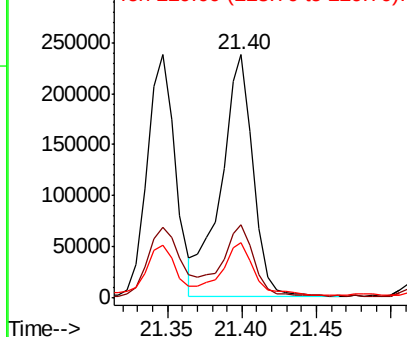
Tgt Ion:	228	Resp:	354411
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.0	36.0
229	22.8	15.4	23.0

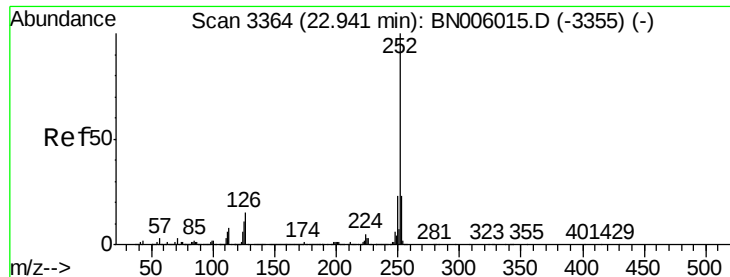
Abundance

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





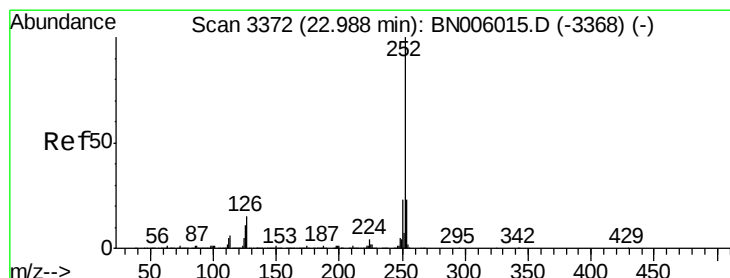
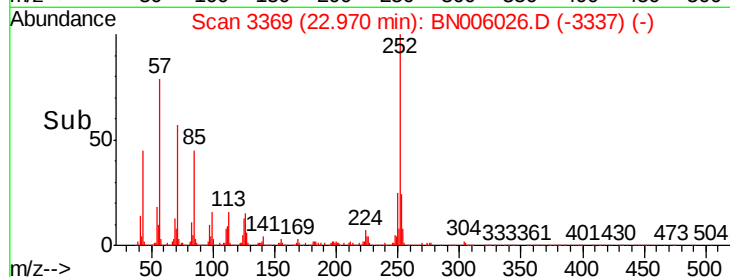
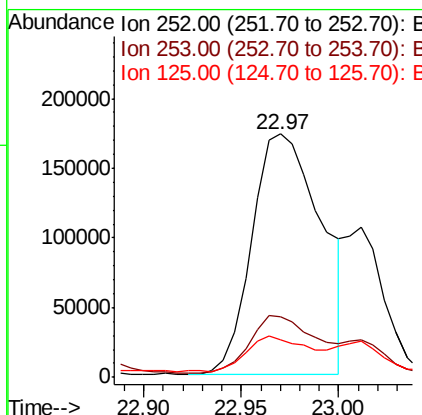
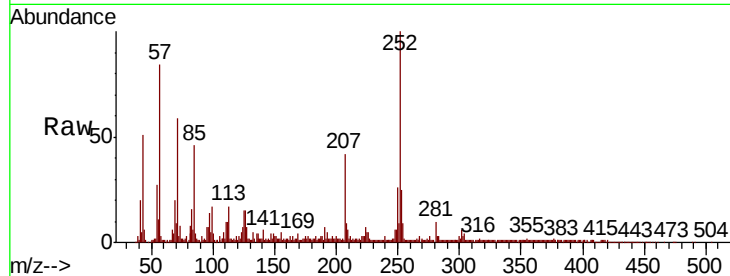
#87
Benzo(b)fluoranthene
Concen: 4.813 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Instrument :
BNA_N
ClientSampleId :
A4278

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	15.3	8.4	12.6

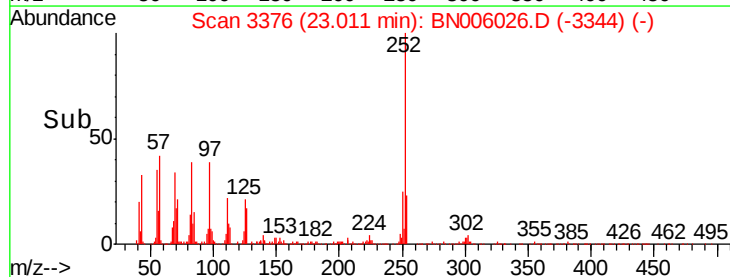
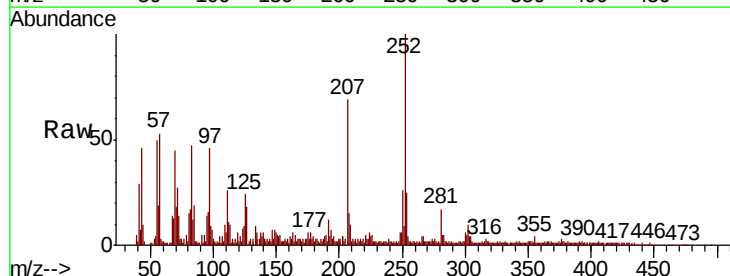
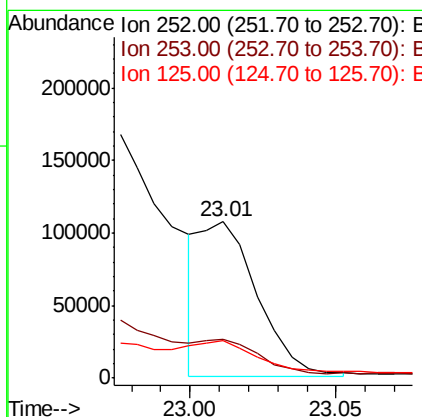
Manual Integrations
APPROVED

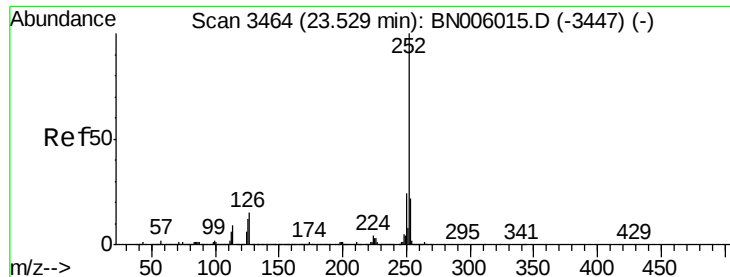
Sohil
6/4/2019 8:38:42 AM



#88
Benzo(k)fluoranthene
Concen: 1.750 ng/ul m
RT: 23.01 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	24.1	7.5	11.3





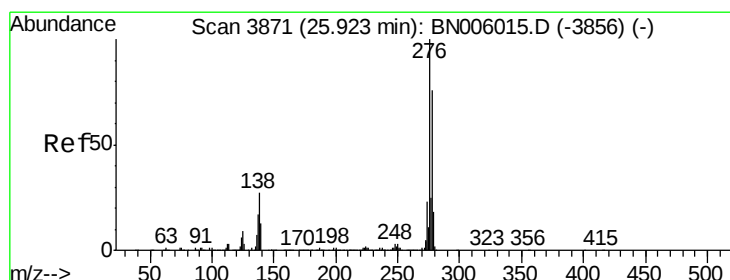
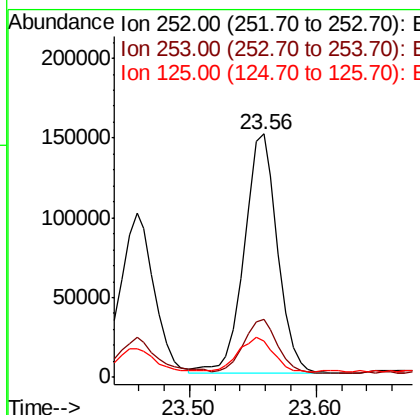
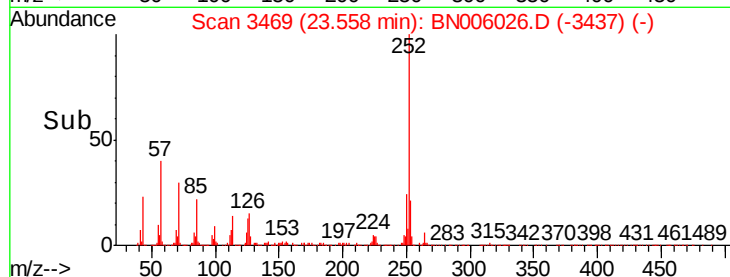
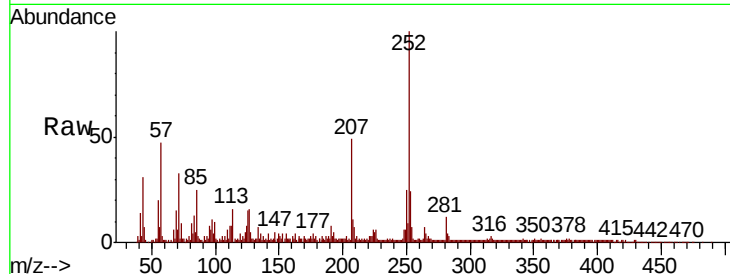
#90
Benzo(a)pyrene
Concen: 3.279 ng/ul
RT: 23.56 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Instrument :
BNA_N
ClientSampled :
A4278

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	14.9	8.6	13.0

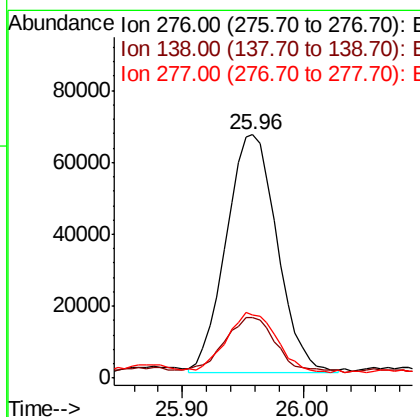
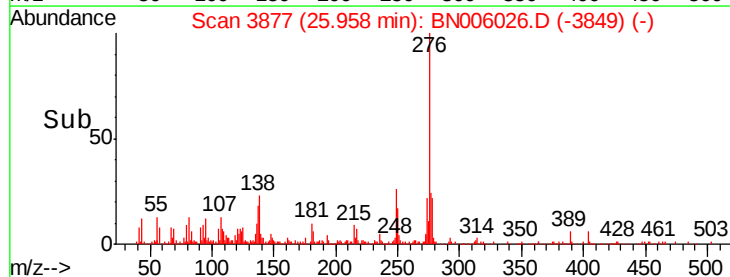
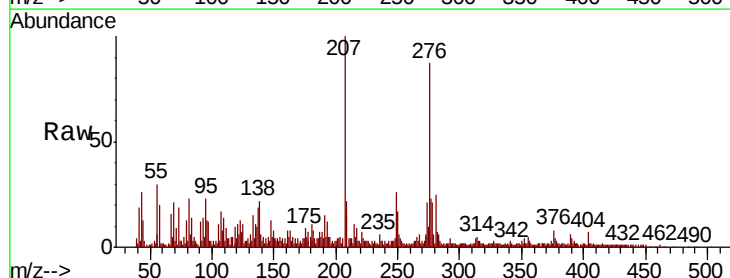
Manual Integrations
APPROVED

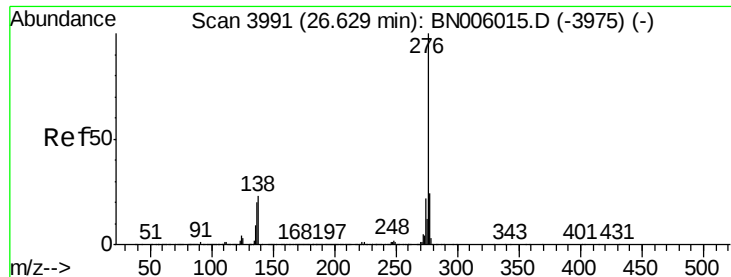
Sohil
6/4/2019 8:38:42 AM



#91
Indeno(1,2,3-cd)pyrene
Concen: 1.980 ng/ul
RT: 25.96 min Scan# 3877
Delta R.T. -0.04 min
Lab File: BN006026.D
Acq: 02 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	17.9	26.9
277	26.1	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.601 ng/ul

RT: 26.66 min Scan# 3997

Delta R.T. -0.04 min

Lab File: BN006026.D

Acq: 02 Jun 2019 11:16

Instrument :

BNA_N

ClientSampleId :

A4278

Tot Ion:	276	Resp:	132142
Ion Ratio	Lower	Upper	
276	100		
138	24.6	16.7	25.1
277	25.7	18.2	27.2

Manual Integrations
APPROVED

Sohil
6/4/2019 8:38:42 AM

