

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006584.D
 Acq On : 26 Jun 2019 18:45
 Operator : HP/JU
 Sample : K3498-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB0

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:18:28 AM

Quant Time: Jun 27 03:11:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 02:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	172327	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	843310	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	511120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1155419	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1084106	20.00	ng/ul	-0.01
85) Perylene-d12	23.49	264	1198228	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21329	4.83	ng/uL	-0.01
5) Phenol-d5	6.80	99	478916	26.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	301293	26.52	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	367095	27.13	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	327948	22.53	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	192597	28.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	218351	29.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	388205	27.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	358121	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1305735	29.15	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1524990	27.77	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	164259	21.46	ng/ul	0.00
57) Fluorene-d10	15.27	176	1116938	29.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	173283	23.70	ng/ul	0.00
70) Anthracene-d10	17.13	188	1702631	29.27	ng/ul	-0.01
78) Pyrene-d10	19.45	212	1833533	28.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1912585	28.26	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.73	163	370679	8.976	ng/ul	100
49) Acenaphthene	14.33	153	67463	1.946	ng/ul	95
58) Fluorene	15.33	166	77045	1.984	ng/ul	99
69) Phenanthrene	17.07	178	2699307	42.356	ng/ul	100
71) Anthracene	17.16	178	383318	5.925	ng/ul	100
74) Carbazole	17.44	167	138521	2.481	ng/ul	98
76) Fluoranthene	19.11	202	6550142	95.370	ng/ul	98
79) Pyrene	19.47	202	5337236	72.309	ng/ul	97
82) Benzo(a)anthracene	21.24	228	3074220	41.488	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	84460	1.780	ng/ul	100
84) Chrysene	21.29	228	3621219	51.349	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	4418641m	61.444	ng/ul	
88) Benzo(k)fluoranthene	22.86	252	1513708	22.024	ng/ul	96
90) Benzo(a)pyrene	23.39	252	2691423	39.031	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1700419	20.837	ng/ul	95
92) Dibenzo(a,h)anthracene	25.72	278	452295m	6.693	ng/ul	
93) Benzo(g,h,i)perylene	26.40	276	1279720	18.619	ng/ul	100

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

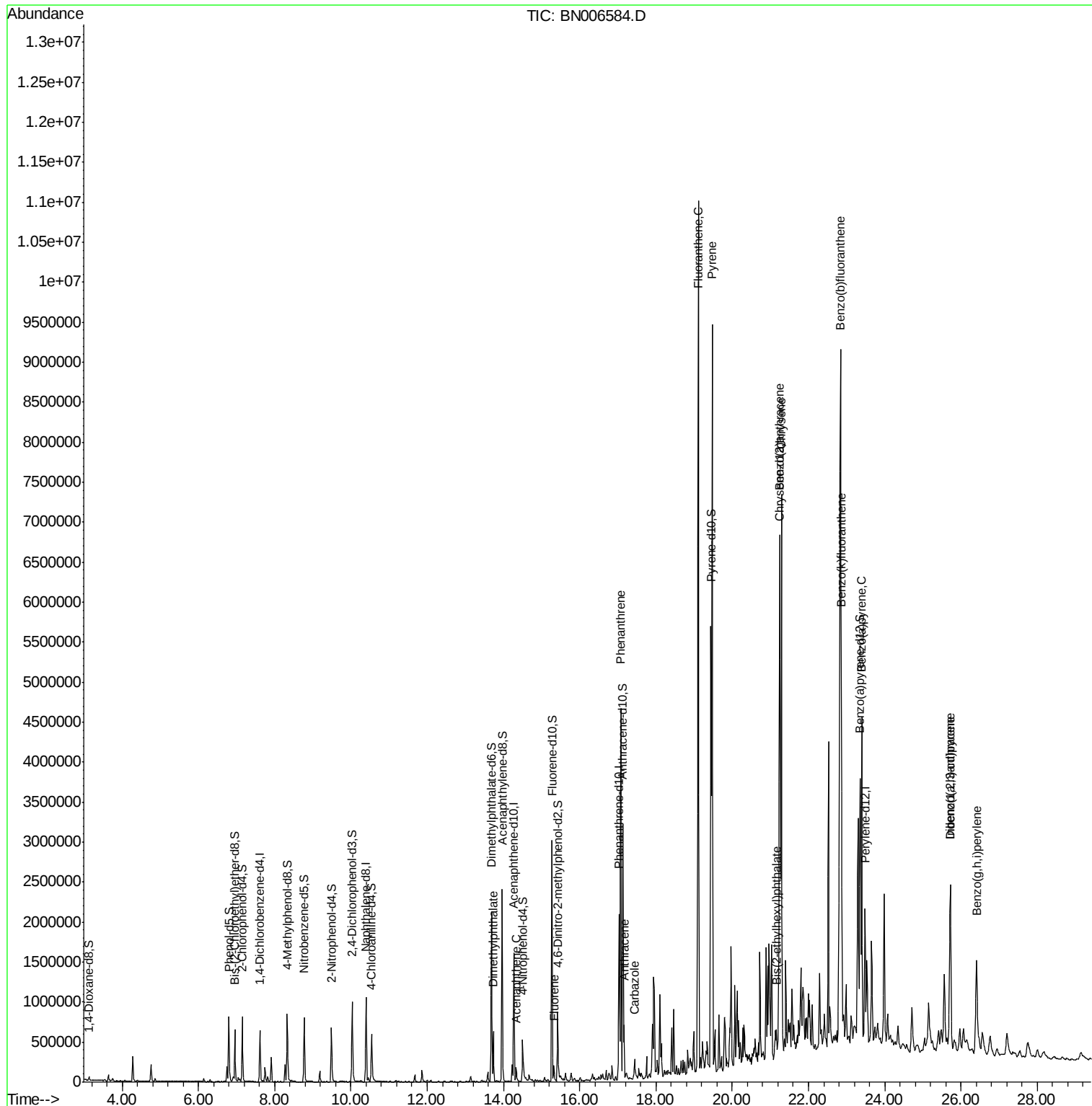
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006584.D
Acq On : 26 Jun 2019 18:45
Operator : HP/JU
Sample : K3498-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

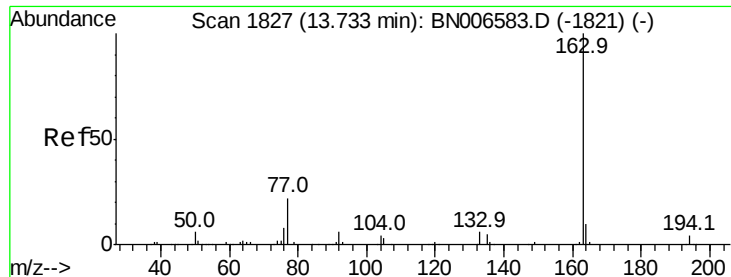
Instrument :
BNA_N
ClientSampleId :
C5AB0

Manual Integrations

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Quant Time: Jun 27 03:11:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 02:30:52 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.976 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN006584.D

Acq: 26 Jun 2019 18:45

Instrument :

BNA_N

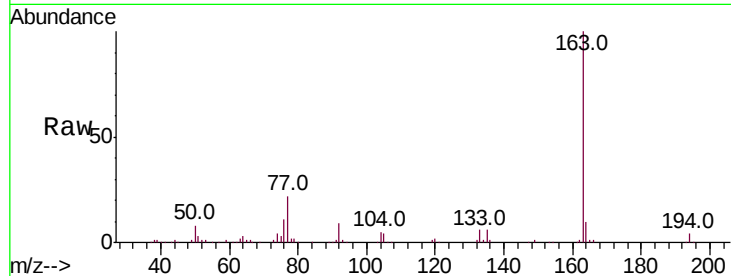
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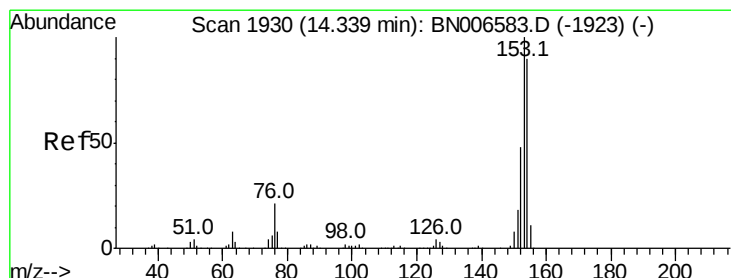
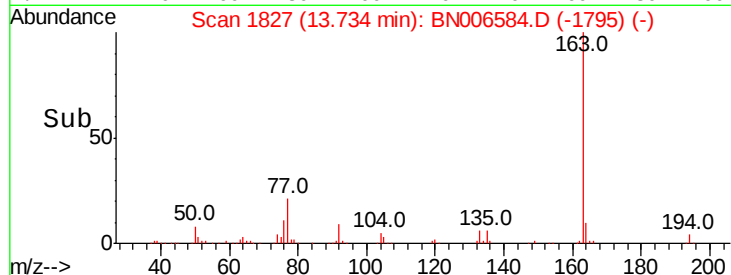
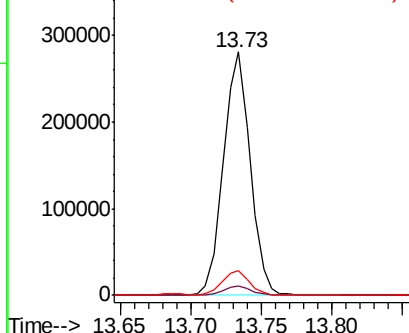
Tot Ion:	163	Resp:	370679
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	9.9	8.0	12.0

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 1.946 ng/ul

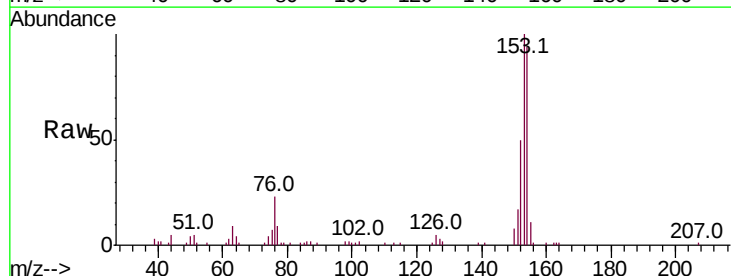
RT: 14.33 min Scan# 1929

Delta R.T. -0.01 min

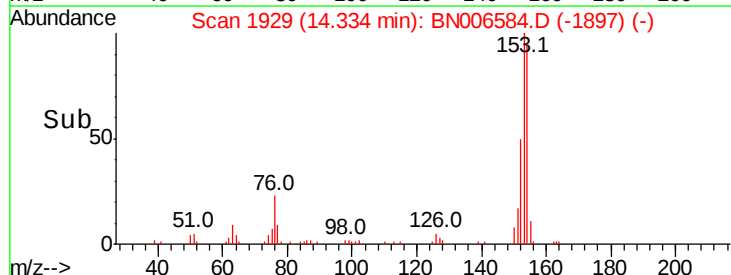
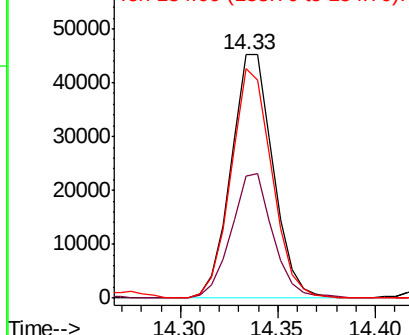
Lab File: BN006584.D

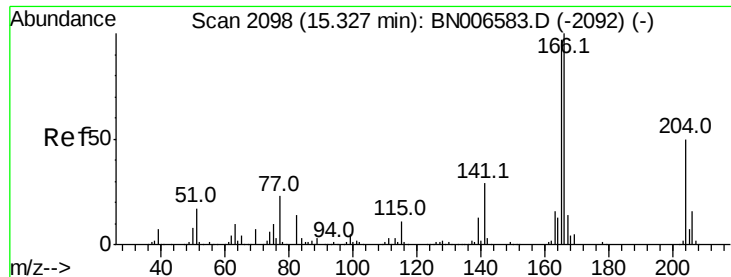
Acq: 26 Jun 2019 18:45

Tgt Ion:	153	Resp:	67463
Ion Ratio	Lower	Upper	
153	100		
152	49.9	37.8	56.6
154	94.3	71.2	106.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





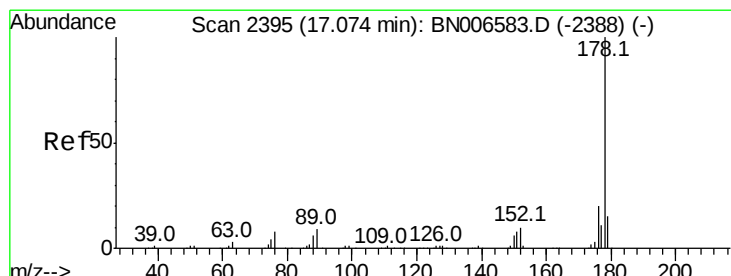
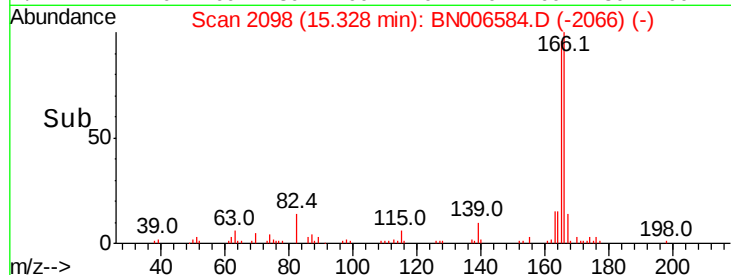
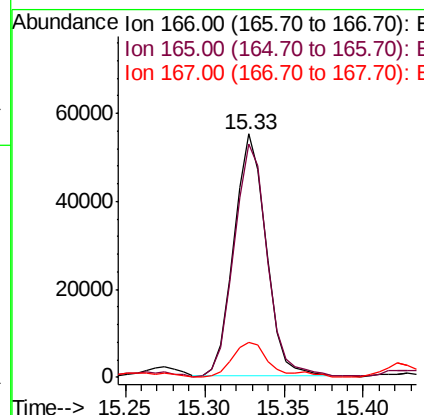
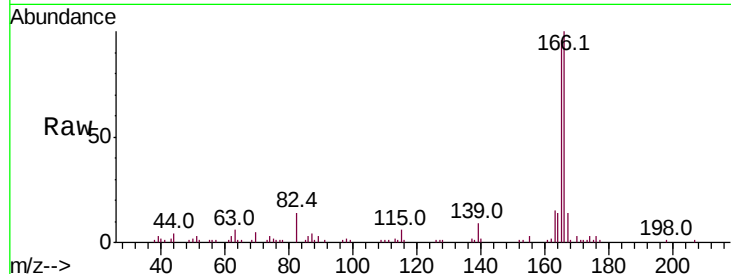
#58
Fluorene
 Concen: 1.984 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BN006584.D
 Acq: 26 Jun 2019 18:45

Instrument :
 BNA_N
 ClientSampleId :
 C5AB0

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.5	116.3
167	14.1	10.7	16.1

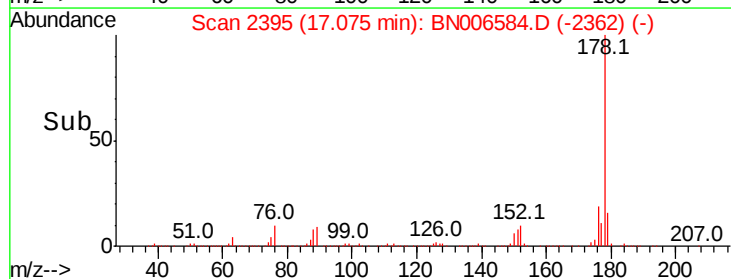
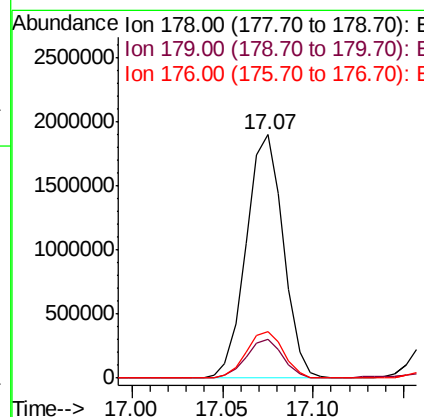
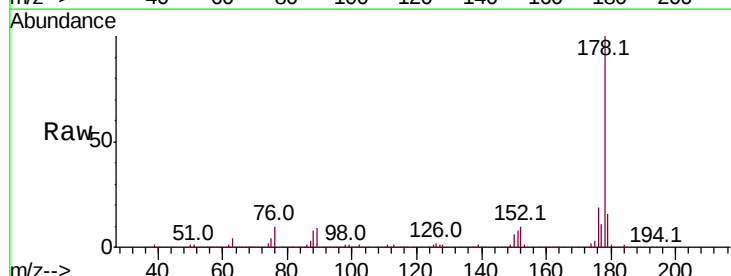
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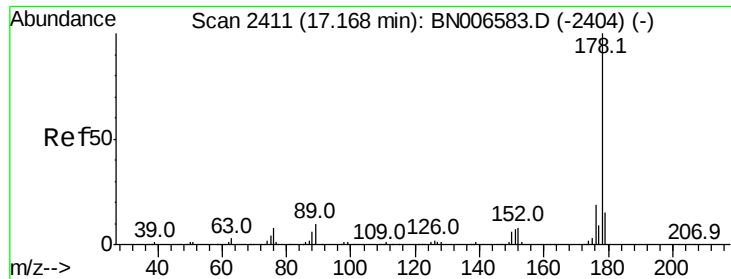
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#69
Phenanthrene
 Concen: 42.356 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BN006584.D
 Acq: 26 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.4	15.3	22.9





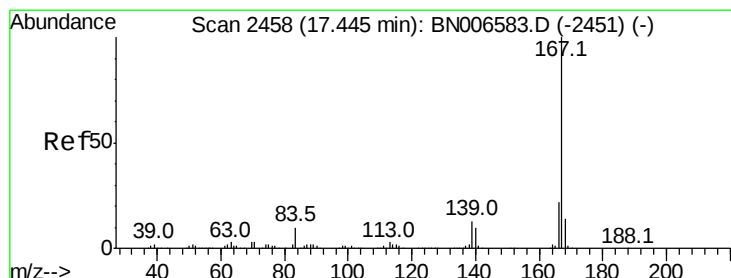
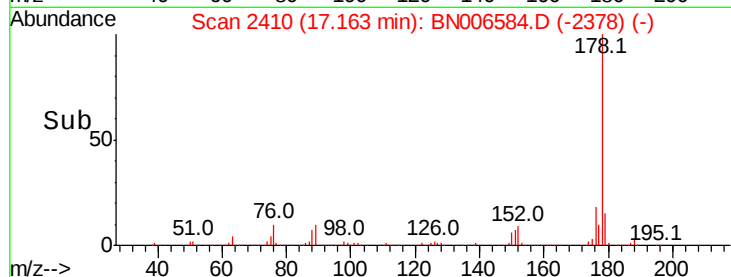
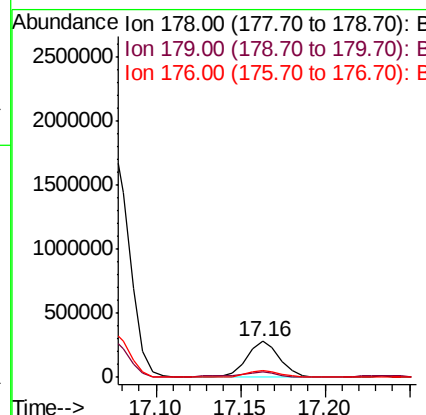
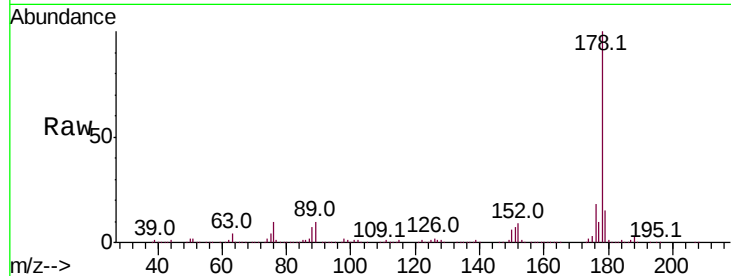
#71
 Anthracene
 Concen: 5.925 ng/ul
 RT: 17.16 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BN006584.D
 Acq: 26 Jun 2019 18:45

Instrument :
 BNA_N
 ClientSampleId :
 C5AB0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.3	14.7	22.1

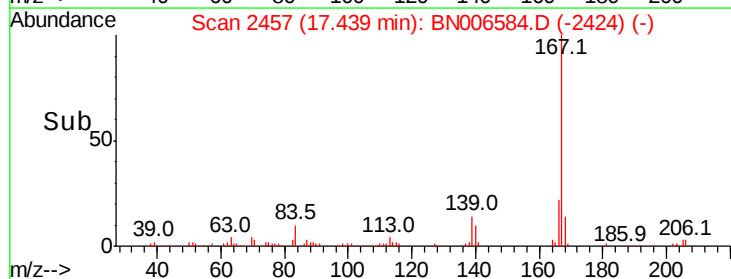
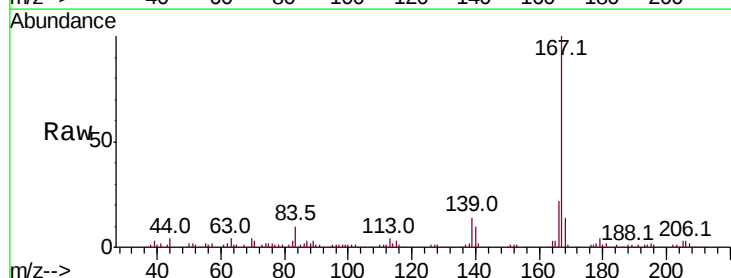
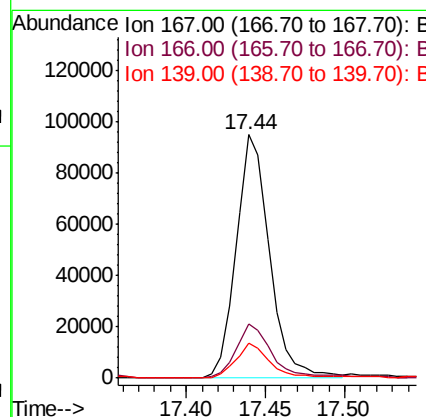
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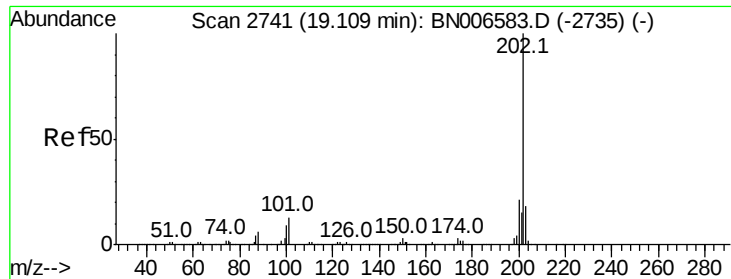
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#74
 Carbazole
 Concen: 2.481 ng/ul
 RT: 17.44 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BN006584.D
 Acq: 26 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.1	25.7
139	14.2	10.5	15.7





#76

Fluoranthene

Concen: 95.370 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BN006584.D

Acq: 26 Jun 2019 18:45

Instrument :

BNA_N

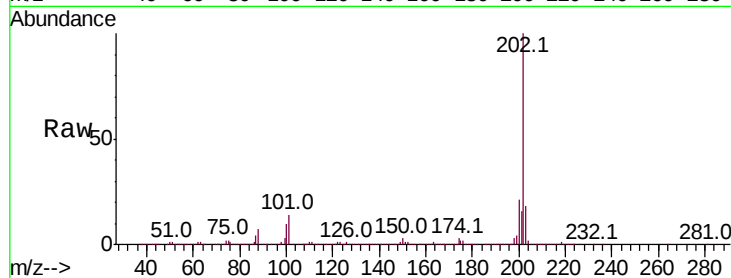
ClientSampleId :

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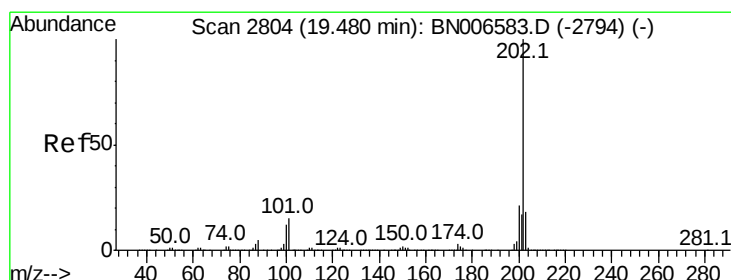
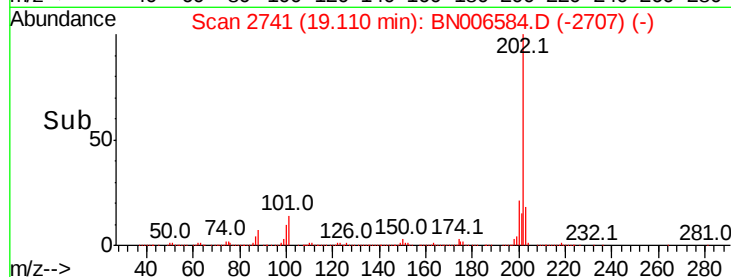
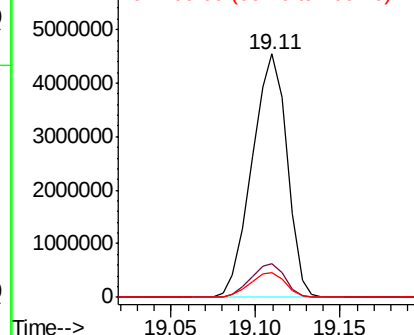
Tot Ion:	202	Resp:	6550142
Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.5	15.7
100	10.3	7.6	11.4

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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



#79

Pyrene

Concen: 72.309 ng/ul

RT: 19.47 min Scan# 2803

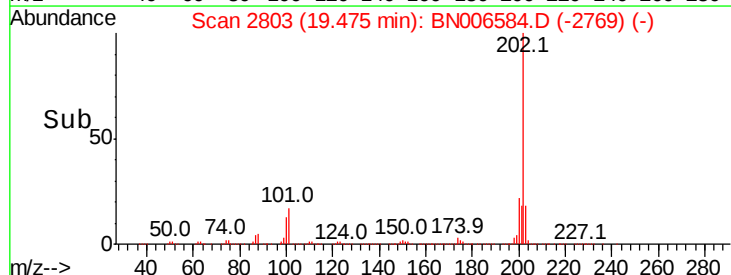
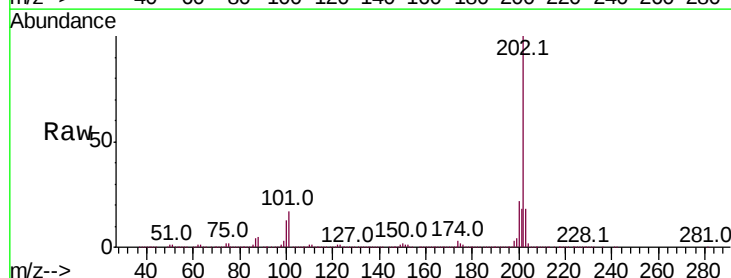
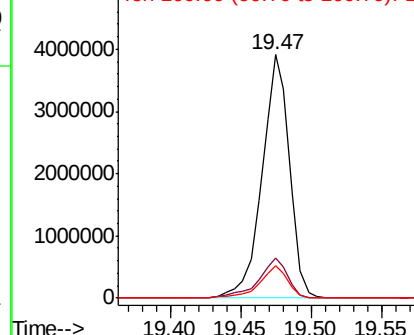
Delta R.T. -0.00 min

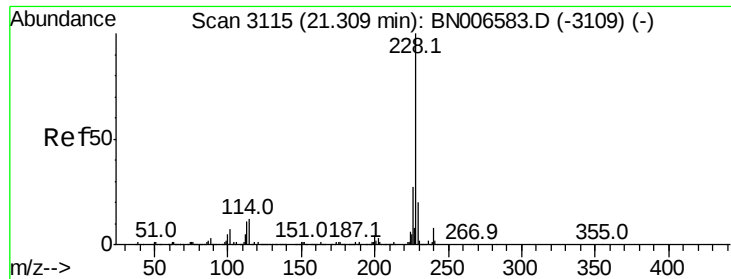
Lab File: BN006584.D

Acq: 26 Jun 2019 18:45

Tgt Ion:	202	Resp:	5337236
Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.2	18.4
100	13.3	9.8	14.6

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





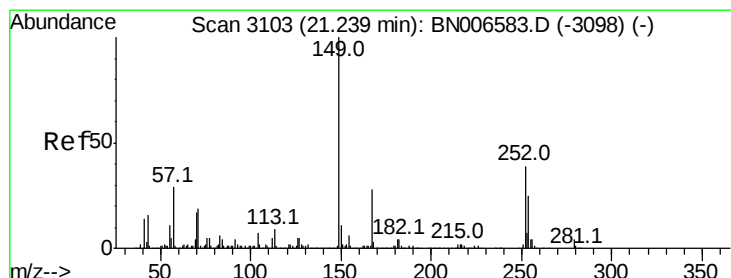
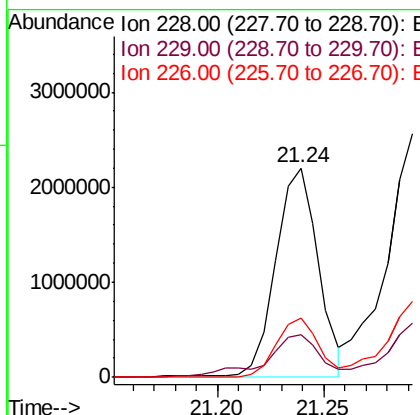
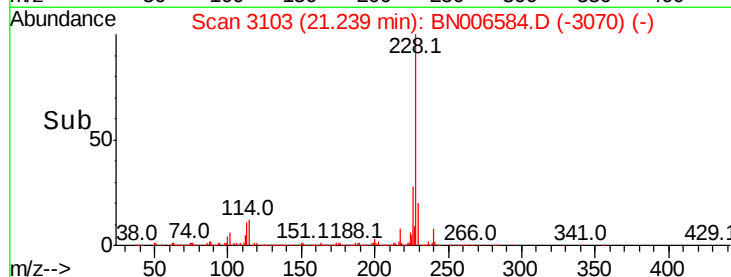
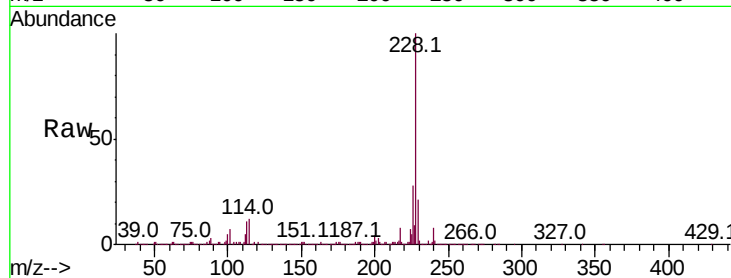
#82
Benzo(a)anthracene
Concen: 41.488 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN006584.D
Acq: 26 Jun 2019 18:45

Instrument :
BNA_N
ClientSampleId :
C5AB0

Tot Ion:228 Resp: 3074220
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 28.2 21.5 32.3

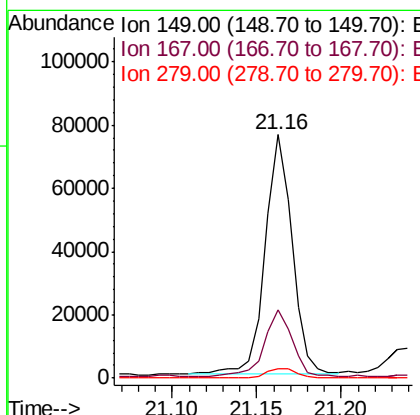
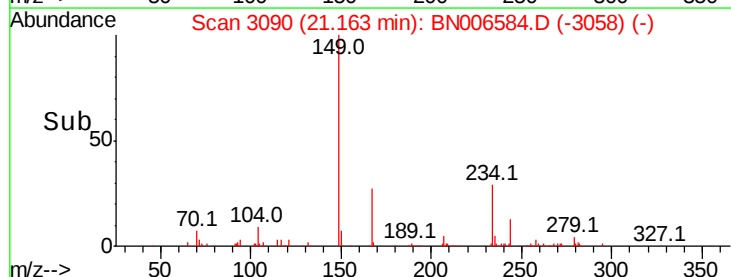
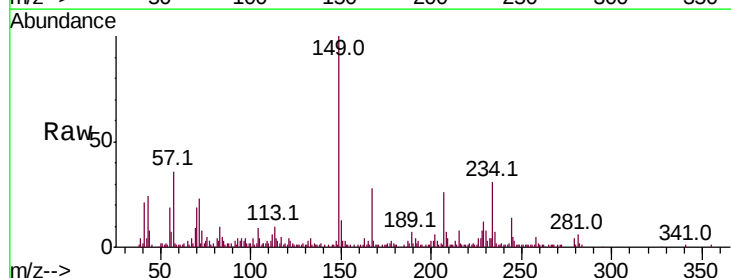
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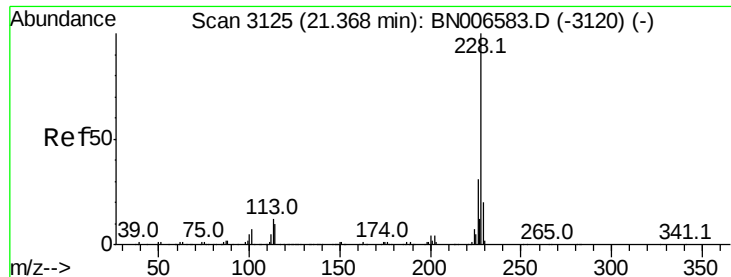
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#83
Bis(2-ethylhexyl)phthalate
Concen: 1.780 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BN006584.D
Acq: 26 Jun 2019 18:45

Tgt Ion:149 Resp: 84460
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 3.7 3.3 4.9





#84

Chrysene

Concen: 51.349 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BN006584.D

Acq: 26 Jun 2019 18:45

Instrument :

BNA_N

ClientSampleId :

C5AB0

Tot Ion:228 Resp: 3621219

Ion Ratio Lower Upper

228 100

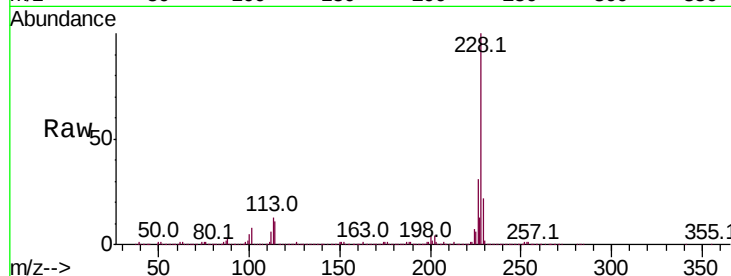
226 31.2 24.2 36.2

229 22.3 15.9 23.9

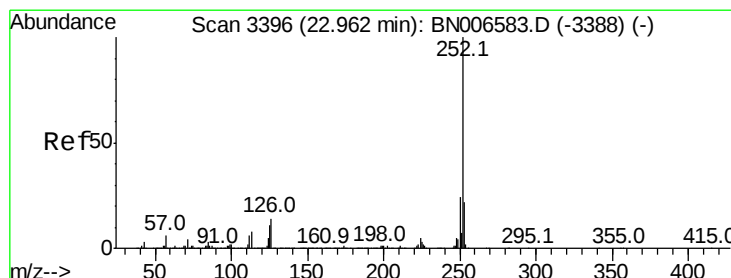
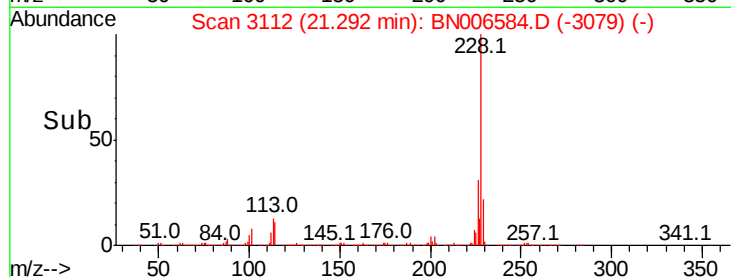
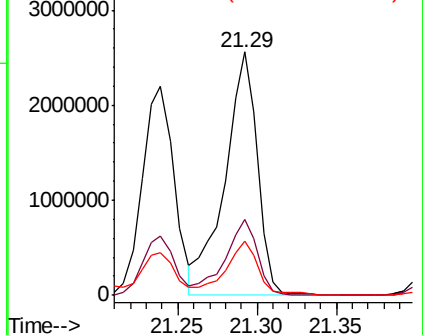
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 61.444 ng/ul m

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN006584.D

Acq: 26 Jun 2019 18:45

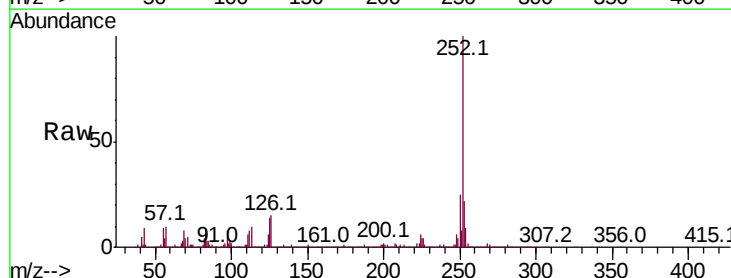
Tgt Ion:252 Resp: 4418641

Ion Ratio Lower Upper

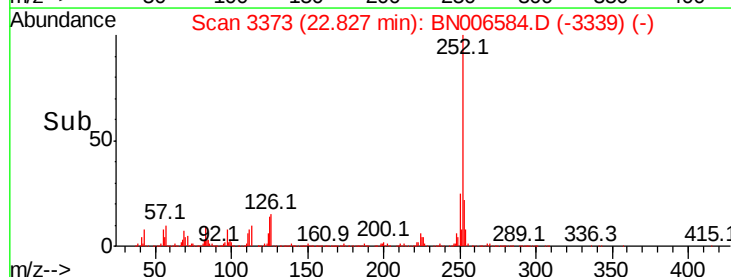
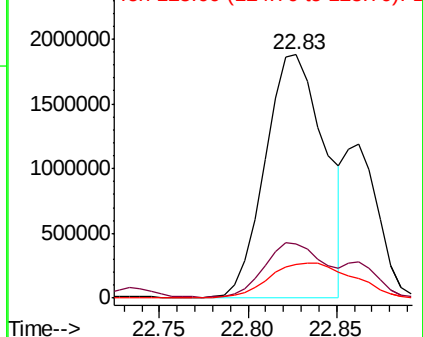
252 100

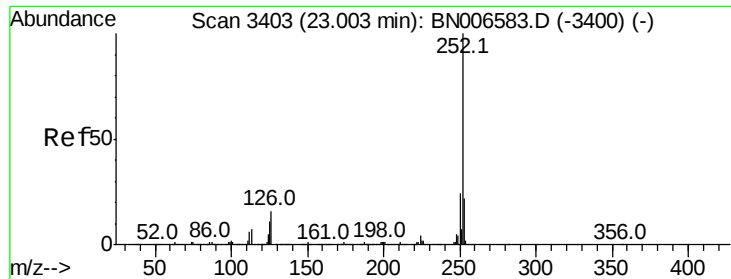
253 22.5 17.7 26.5

125 13.9 9.0 13.6#



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





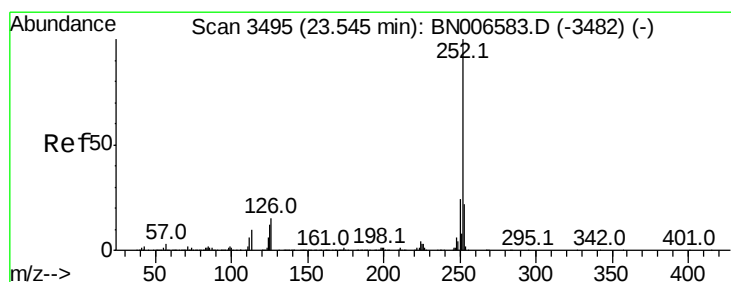
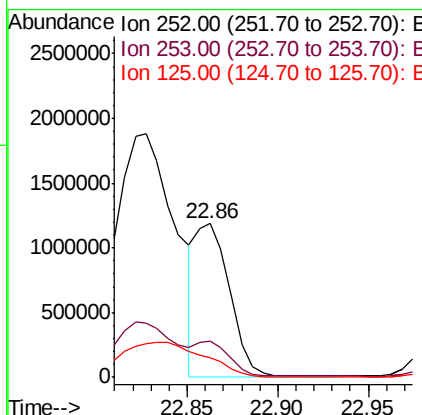
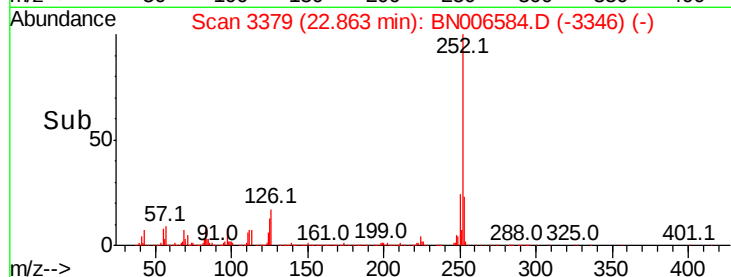
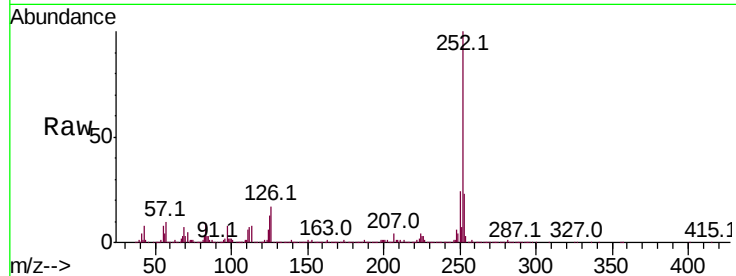
#88
Benzo(k)fluoranthene
Concen: 22.024 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BN006584.D
Acq: 26 Jun 2019 18:45

Instrument :
BNA_N
ClientSampled :
C5AB0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	13.1	9.1	13.7

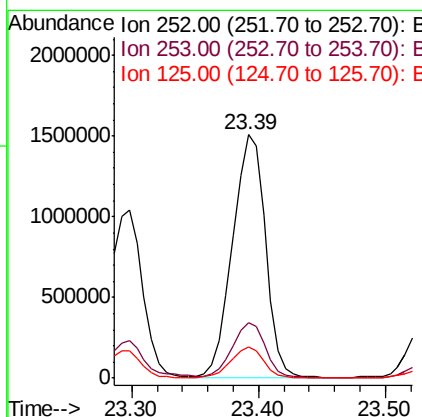
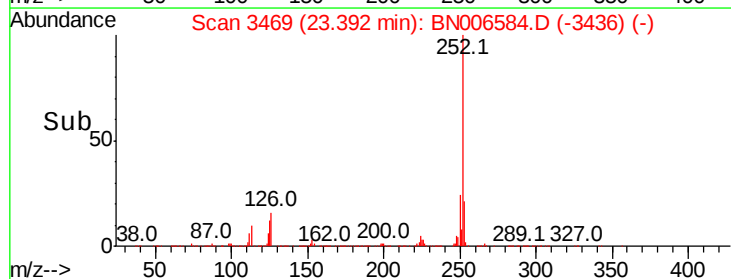
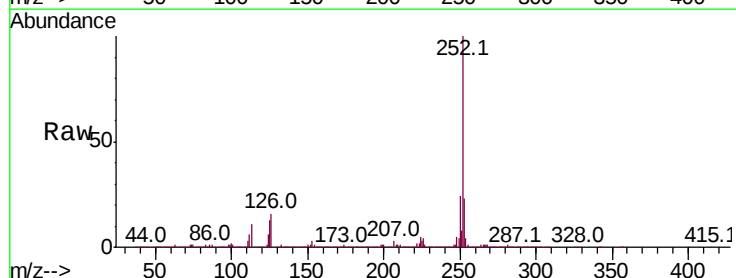
Manual Integrations
APPROVED

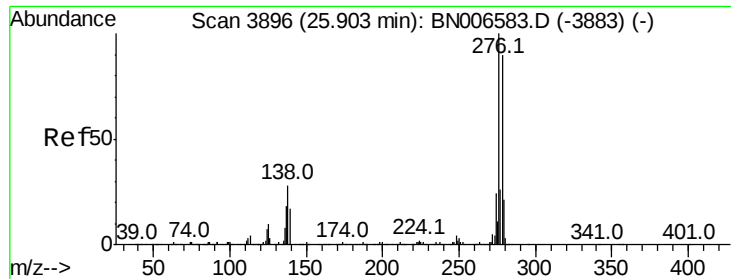
mohammad
6/27/2019 8:18:28 AM



#90
Benzo(a)pyrene
Concen: 39.031 ng/ul
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BN006584.D
Acq: 26 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	12.7	10.0	15.0





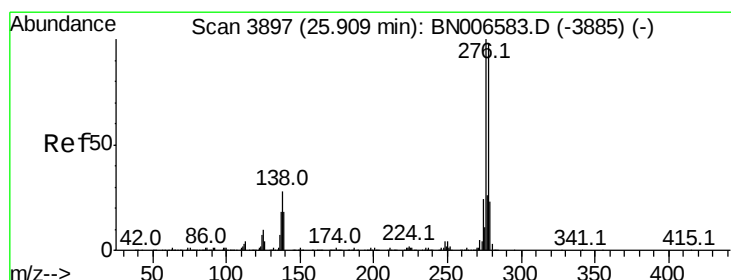
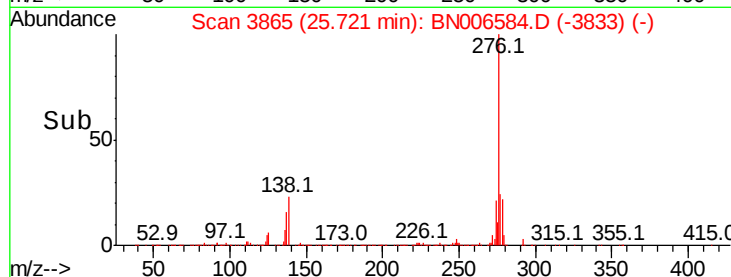
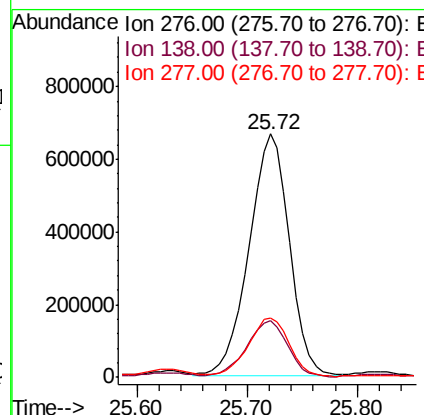
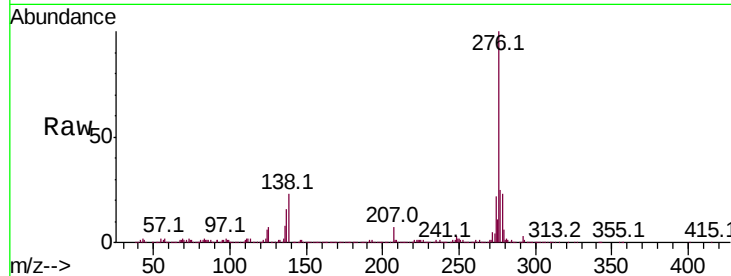
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 20.837 ng/ul
 RT: 25.72 min Scan# 3865
 Delta R.T. -0.01 min
 Lab File: BN006584.D
 Acq: 26 Jun 2019 18:45

Instrument :
 BNA_N
 ClientSampleId :
 C5AB0

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	22.2	33.4
277	24.6	20.2	30.4

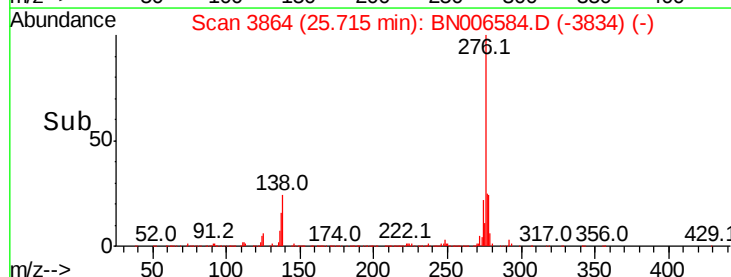
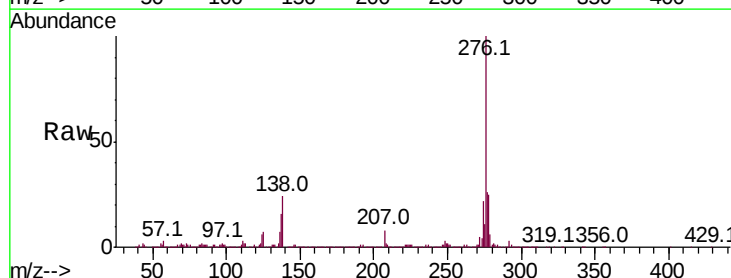
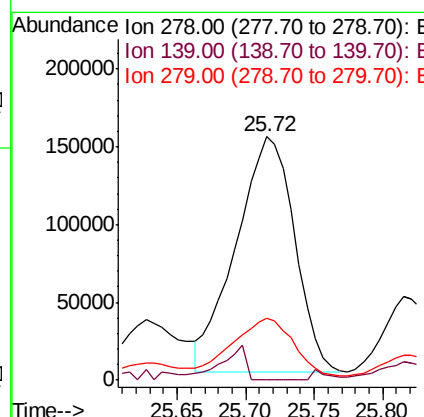
Manual Integrations
 APPROVED

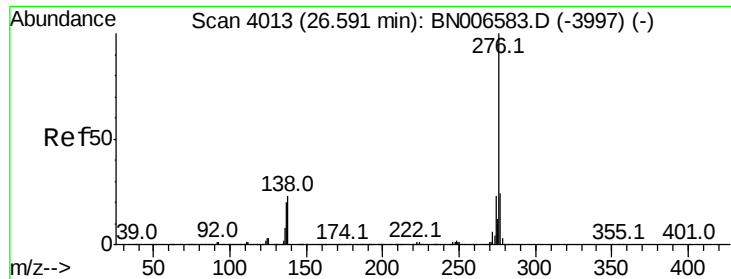
mohammad
 6/27/2019 8:18:28 AM



#92
 Dibenzo(a,h)anthracene
 Concen: 6.693 ng/ul m
 RT: 25.72 min Scan# 3864
 Delta R.T. -0.02 min
 Lab File: BN006584.D
 Acq: 26 Jun 2019 18:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	25.2	18.8	28.2





#93

Benzo(a,h,i)perylene

Concen: 18.619 ng/ul

RT: 26.40 min Scan# 3981

Delta R.T. -0.01 min

Lab File: BN006584.D

Acq: 26 Jun 2019 18:45

Instrument :

BNA_N

ClientSampleId :

C5AB0

Tot Ion:276 Resp: 1279720

Ion Ratio Lower Upper

276 100

138 23.8 19.1 28.7

277 24.0 19.4 29.0

Manual Integrations

APPROVED

mohammad

6/27/2019 8:18:28 AM

