

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005356.D
 Acq On : 29 Apr 2019 18:00
 Operator : JU/SJ
 Sample : K2456-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHN6DL

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:27:38 PM

Quant Time: Apr 30 04:50:19 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	287004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1197451	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	694765	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1507496	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1427182	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1662234	20.00	ng/ul	-0.04

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3698	0.62	ng/uL	0.00
5) Phenol-d5	6.78	99	67666	3.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	42079	2.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	57634	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	53633	3.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	28621m	3.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	28227	3.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	52203	3.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	34986	1.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	179372	3.56	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	223432	3.61	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.45	143	18326m	2.30	ng/ul	0.02
57) Fluorene-d10	15.23	176	163335	3.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	13221	1.95	ng/ul	0.00
70) Anthracene-d10	17.07	188	242244	3.83	ng/ul	-0.01
78) Pyrene-d10	19.39	212	265619	3.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	264175	3.64	ng/ul	-0.04

Target Compounds				Ovalue		
34) 2-Methylnaphthalene	12.02	142	291851	7.160	ng/ul	98
44) Dimethylphthalate	13.69	163	52580	1.046	ng/ul	99
47) Acenaphthylene	13.95	152	1107237	18.189	ng/ul	98
49) Acenaphthene	14.29	153	114227	2.749	ng/ul	97
58) Fluorene	15.28	166	489558	10.485	ng/ul	96
69) Phenanthrene	17.02	178	2205319	30.038	ng/ul	100
71) Anthracene	17.11	178	391096	5.229	ng/ul	100
76) Fluoranthene	19.06	202	2784648	34.195	ng/ul	98
79) Pvrene	19.42	202	5020073	54.630	ng/ul	97
82) Benzo(a)anthracene	21.19	228	1496849m	16.859	ng/ul	
84) Chrysene	21.24	228	1456081	17.671	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	1071446	11.467	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	346233m	3.880	ng/ul	
90) Benzo(a)pyrene	23.31	252	744954	8.482	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	455490	4.691	ng/ul	97
92) Dibenzo(a,h)anthracene	25.59	278	151676	1.841	ng/ul#	79
93) Benzo(q,h,i)perylene	26.24	276	376035	4.683	ng/ul	96

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

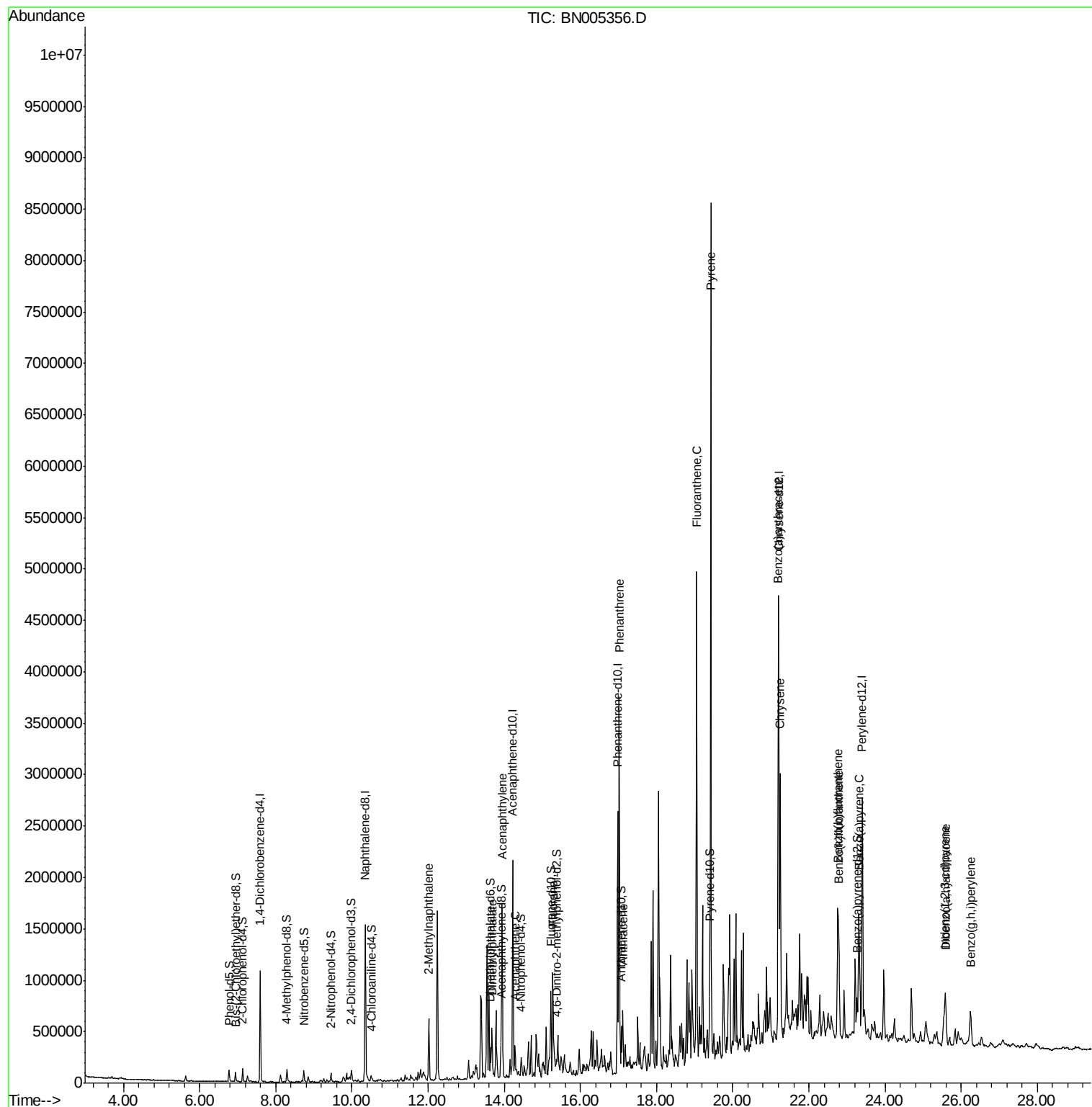
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

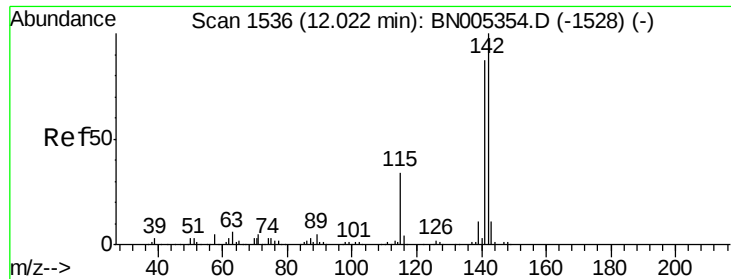
Instrument :
BNA_N
ClientSampleId :
GAHN6DL

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Quant Time: Apr 30 04:50:19 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





#34

2-Methylnaphthalene

Concen: 7.160 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Instrument :

BNA_N

ClientSampleId :

GAHN6DL

Tot Ion:142 Resp: 291851

Ion Ratio Lower Upper

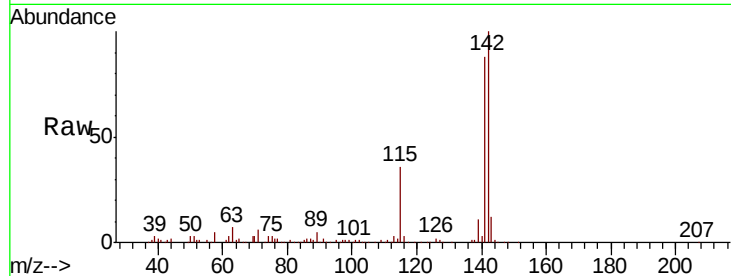
142 100

141 87.8 72.0 108.0

Manual Integrations
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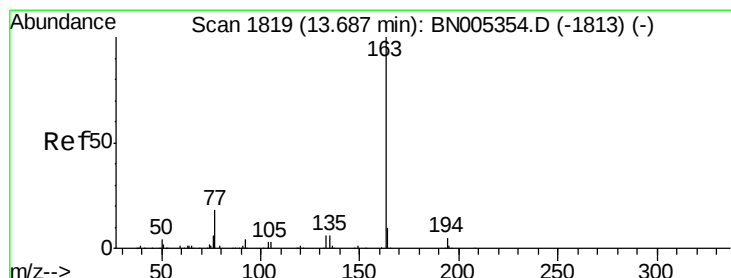
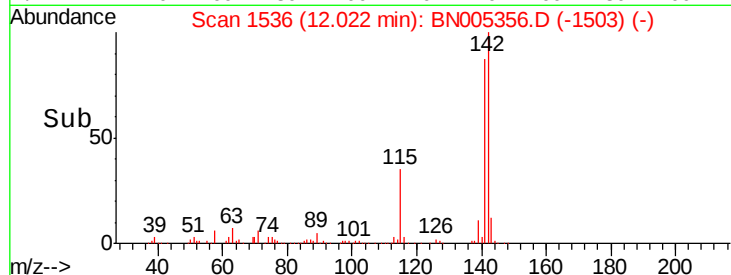
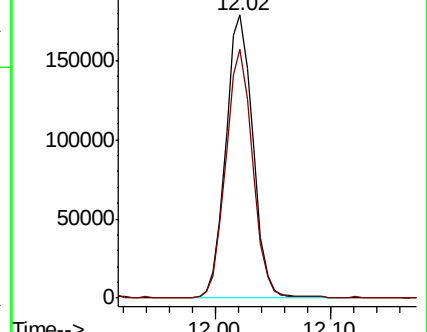
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 1.046 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

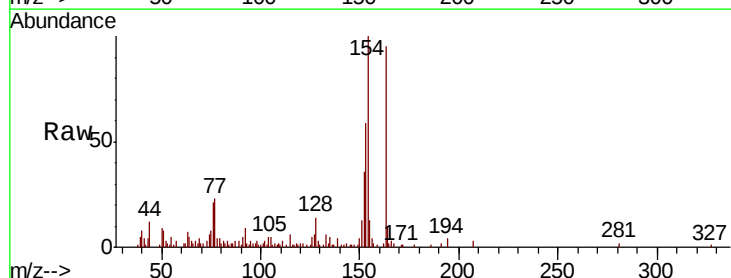
Tgt Ion:163 Resp: 52580

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

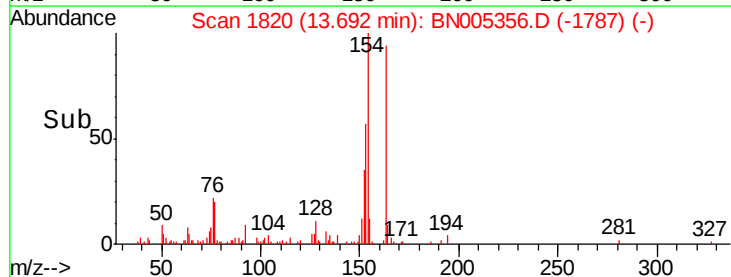
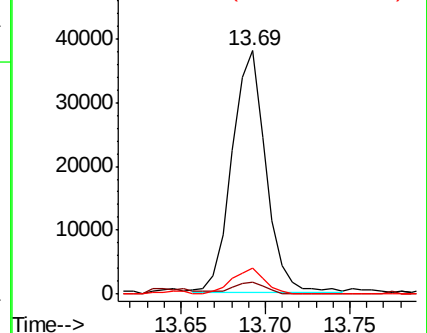
164 10.6 8.1 12.1

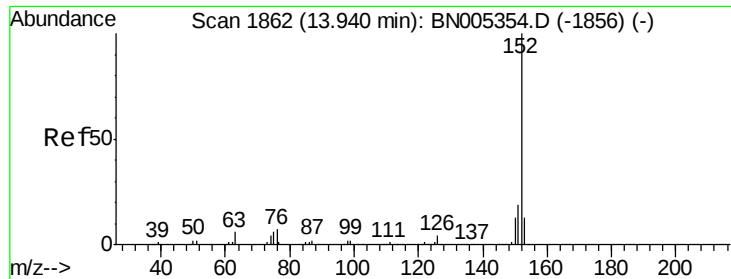


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 18.189 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Instrument :

BNA_N

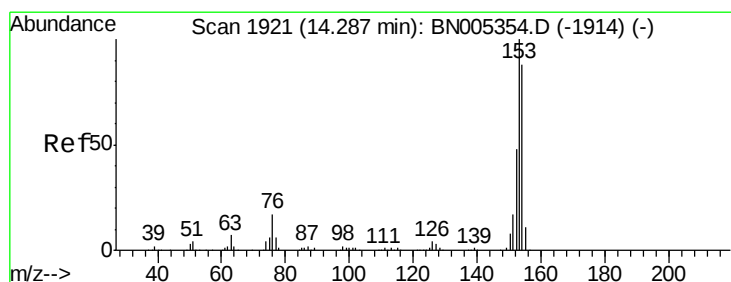
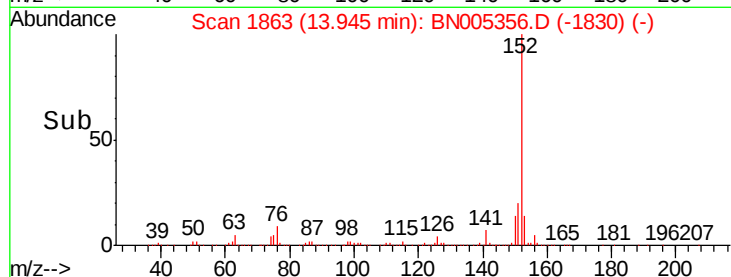
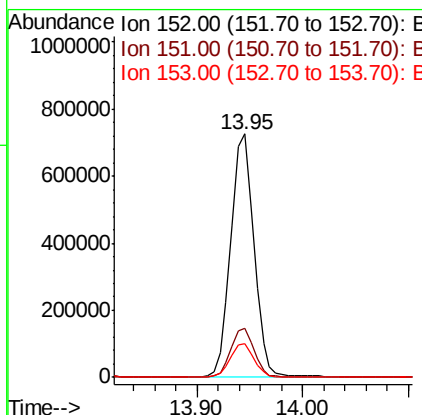
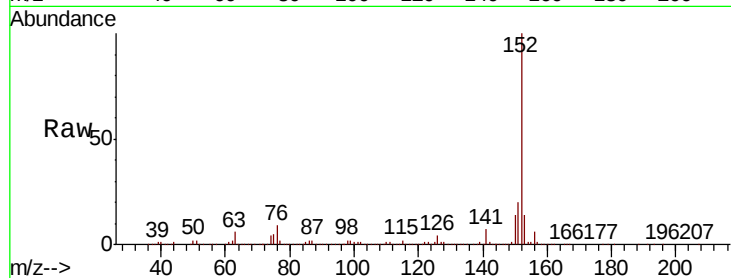
ClientSampleID :

GAHN6DL

Tot Ion:	152	Resp:	1107237
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.9	9.8	14.8

Manual Integrations
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#49

Acenaphthene

Concen: 2.749 ng/ul

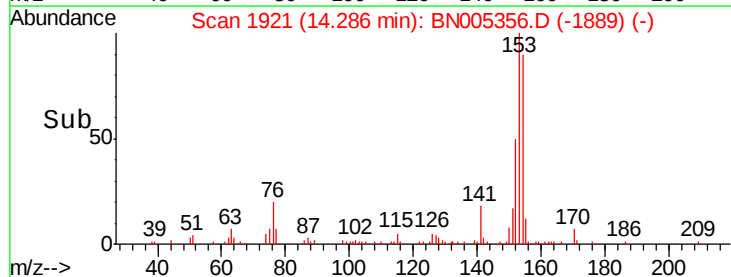
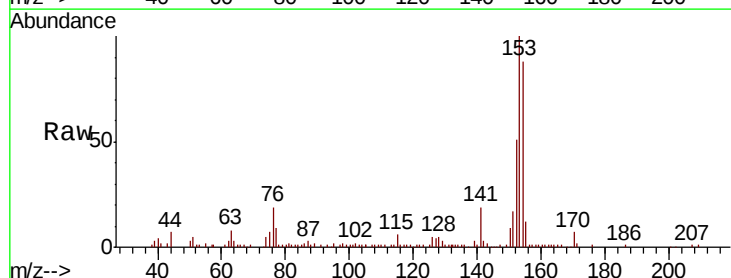
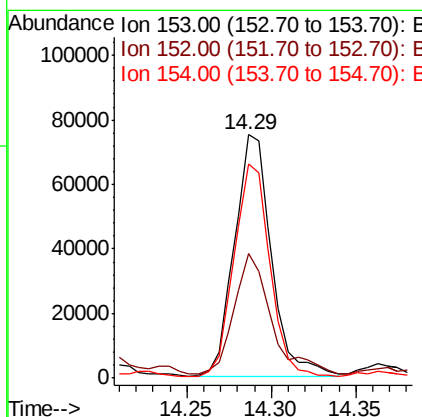
RT: 14.29 min Scan# 1921

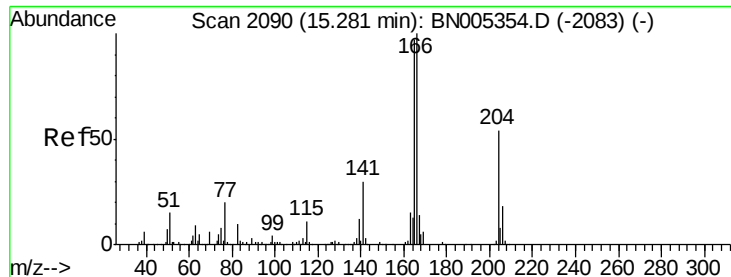
Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Tgt Ion:	153	Resp:	114227
Ion	Ratio	Lower	Upper
153	100		
152	51.0	37.4	56.0
154	88.1	71.2	106.8





#58

Fluorene

Concen: 10.485 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Instrument :

BNA_N

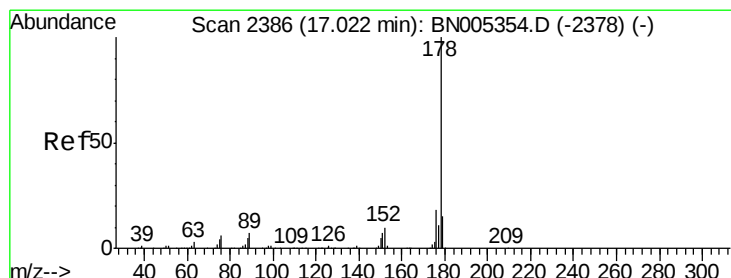
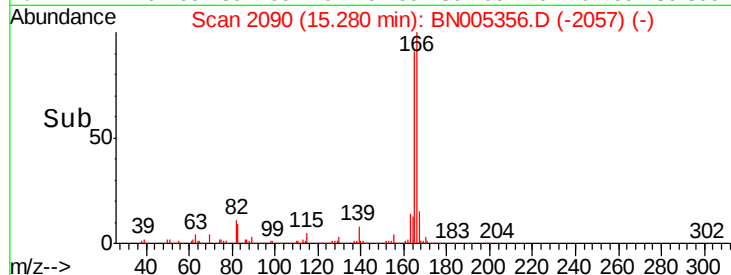
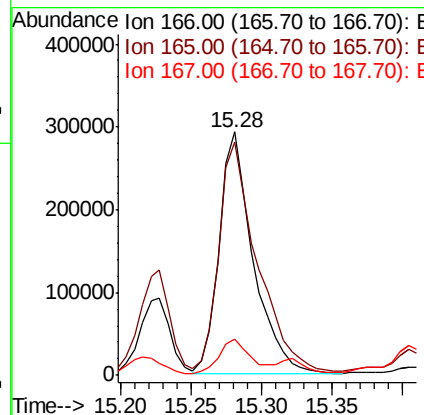
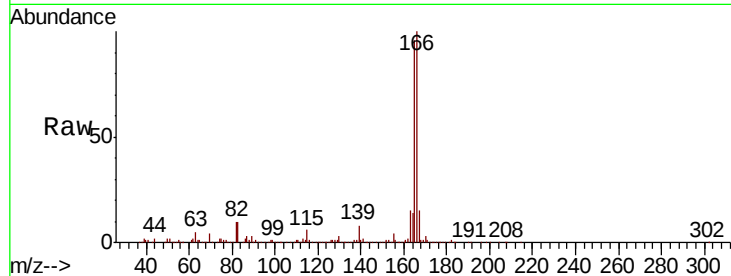
ClientSampleId :

GAHN6DL

Tot Ion:	166	Resp:	489558
Ion Ratio		Lower	Upper
166	100		
165	95.8	80.0	120.0
167	14.9	10.7	16.1

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#69

Phenanthrene

Concen: 30.038 ng/ul

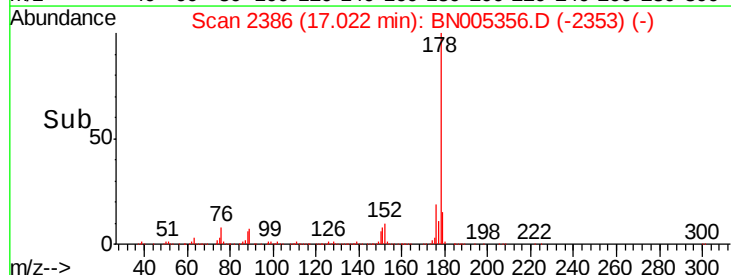
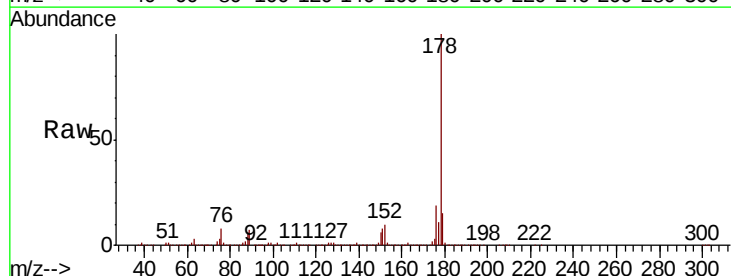
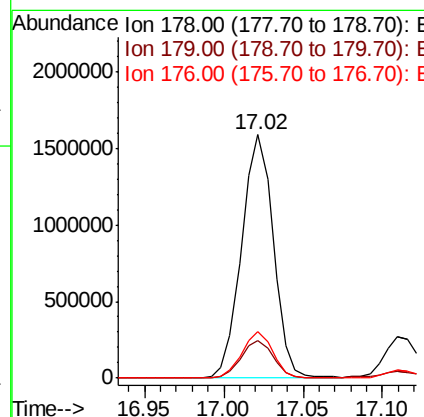
RT: 17.02 min Scan# 2386

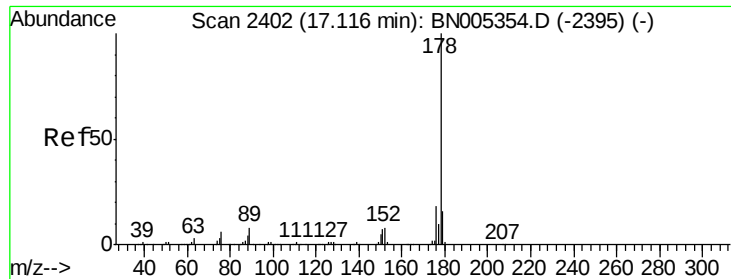
Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Tgt Ion:	178	Resp:	2205319
Ion Ratio		Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.1	22.7





#71

Anthracene

Concen: 5.229 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Instrument :

BNA_N

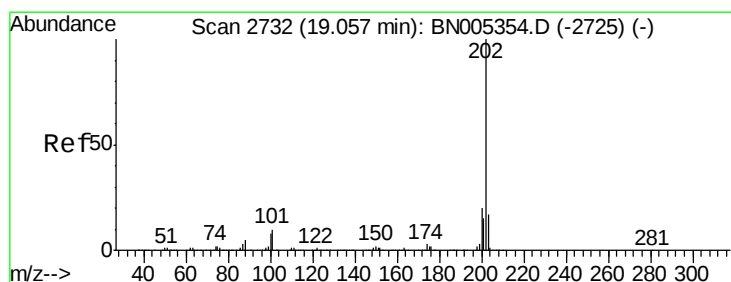
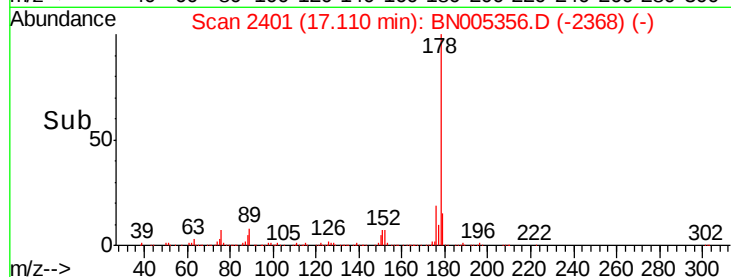
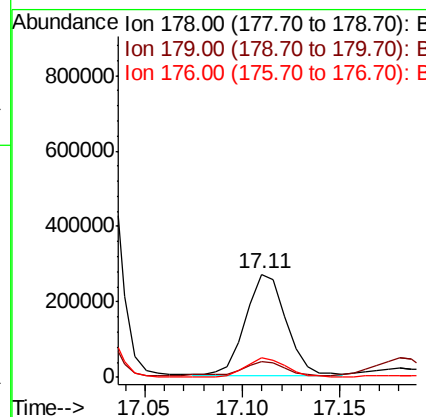
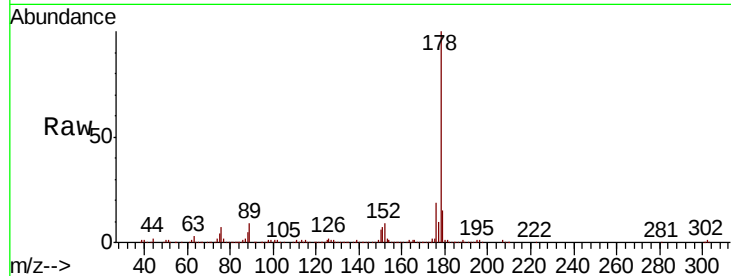
ClientSampled :

GAHN6DL

Tot Ion:	178	Resp:	391096
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.3	18.5
176	18.9	15.1	22.7

Manual Integrations
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#76

Fluoranthene

Concen: 34.195 ng/ul

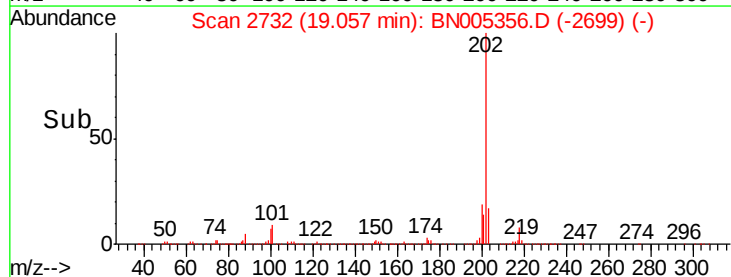
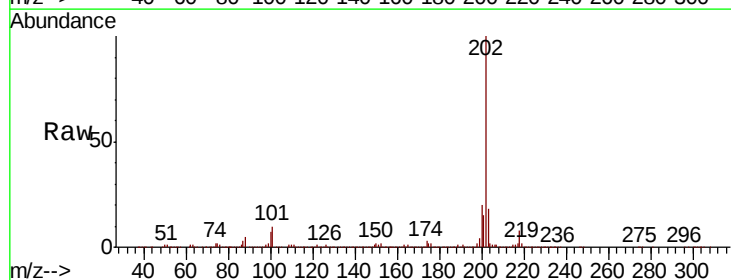
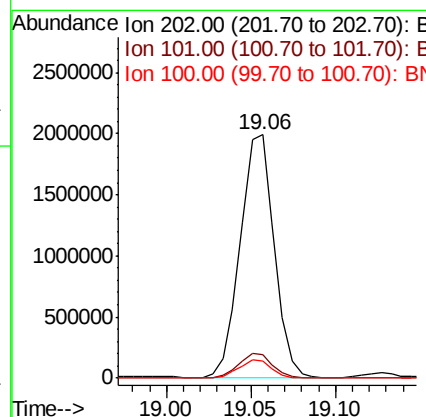
RT: 19.06 min Scan# 2732

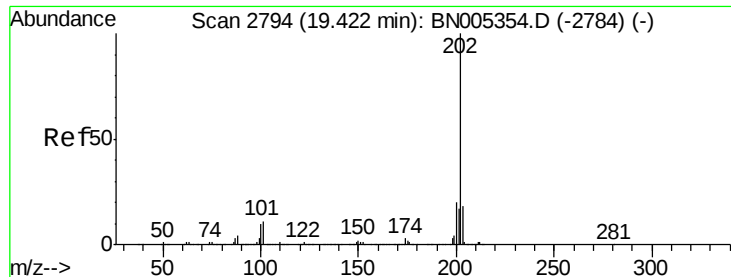
Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Tgt Ion:	202	Resp:	2784648
Ion Ratio	Lower	Upper	
202	100		
101	9.7	8.6	12.8
100	7.2	6.3	9.5





#79

Pvrene

Concen: 54.630 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Instrument :

BNA_N

ClientSampleID :

GAHN6DL

Tot Ion:202 Resp: 5020073

Ion Ratio Lower Upper

202 100

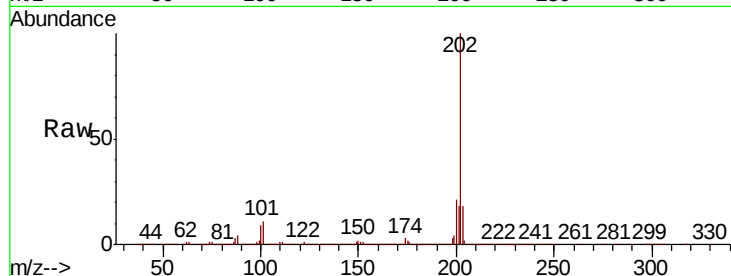
101 11.4 10.3 15.5

100 9.4 7.9 11.9

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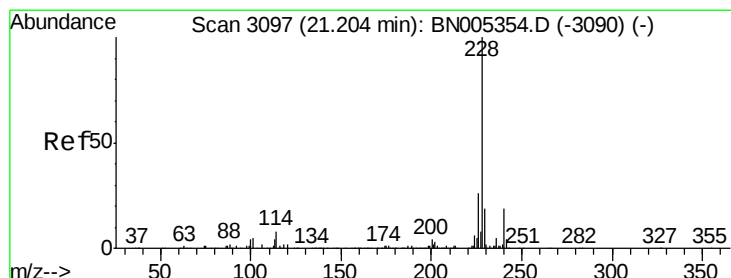
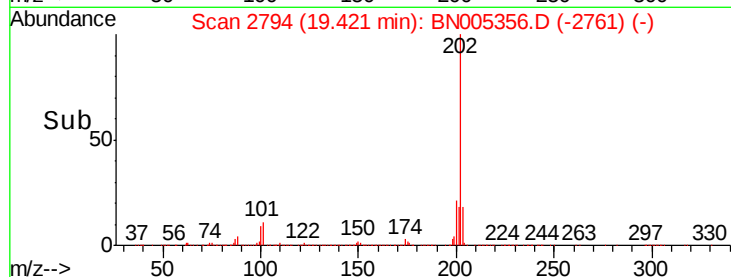
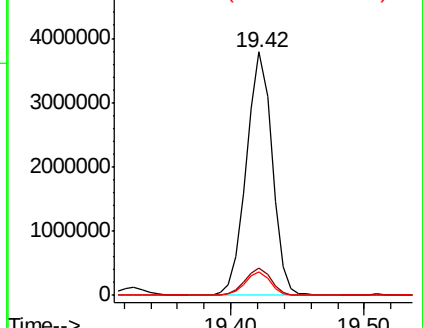
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 16.859 ng/ul m

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

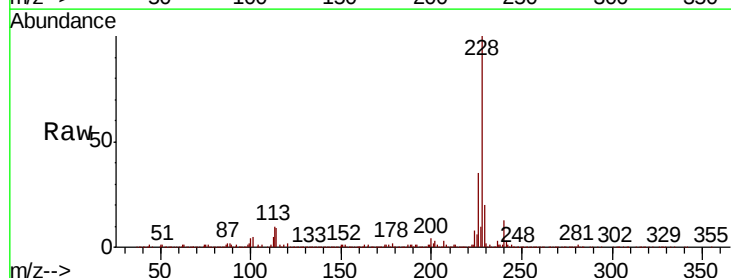
Tgt Ion:228 Resp: 1496849

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

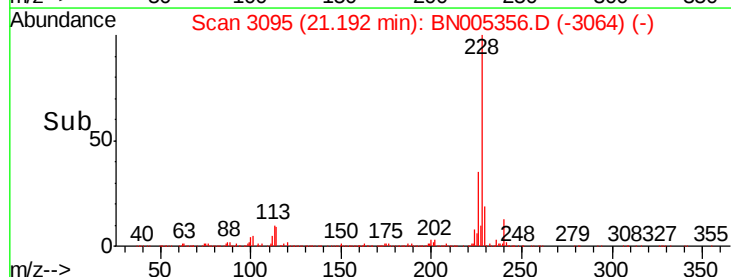
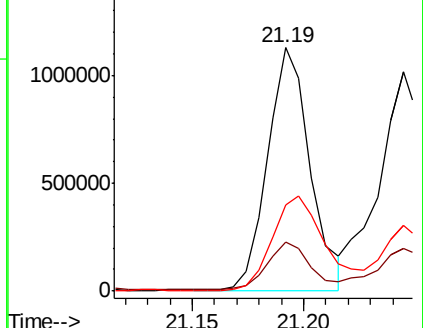
226 35.4 21.4 32.2#

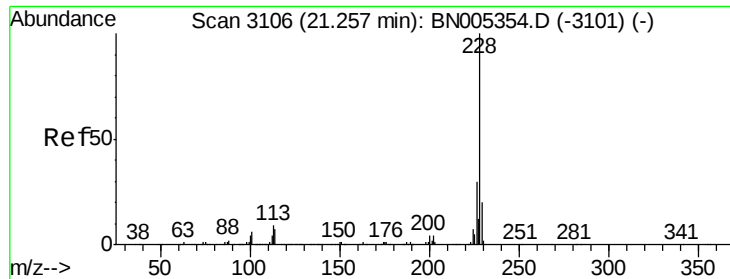


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





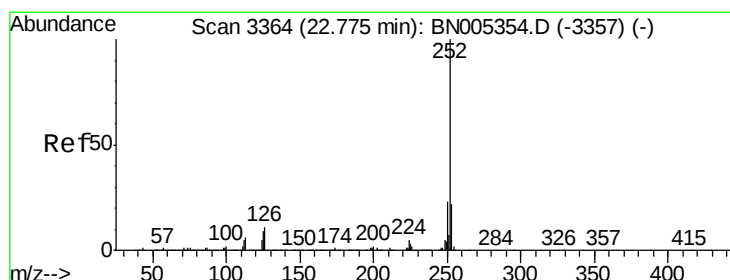
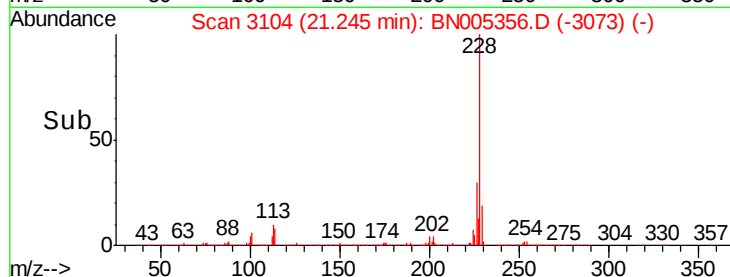
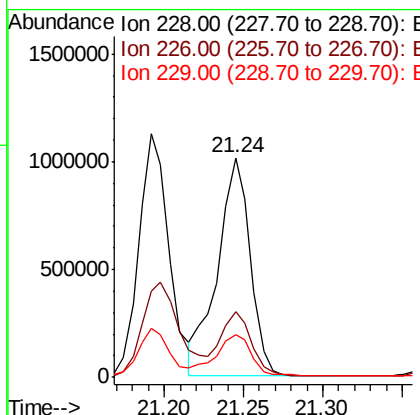
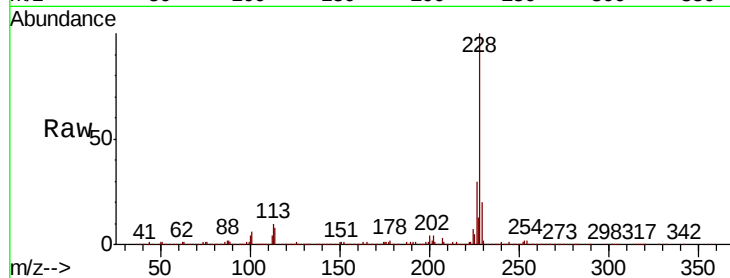
#84
 Chrysene
 Concen: 17.671 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BN005356.D
 Acq: 29 Apr 2019 18:00

Instrument :
 BNA_N
 ClientSampled :
 GAHN6DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.6	15.4	23.0

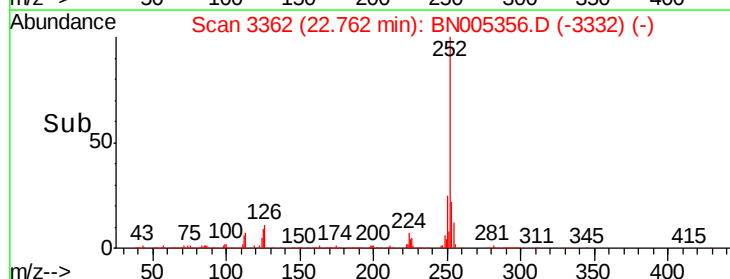
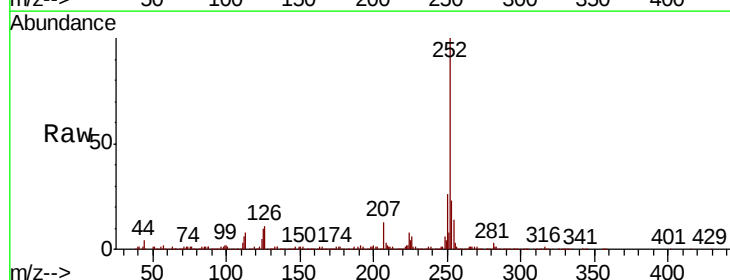
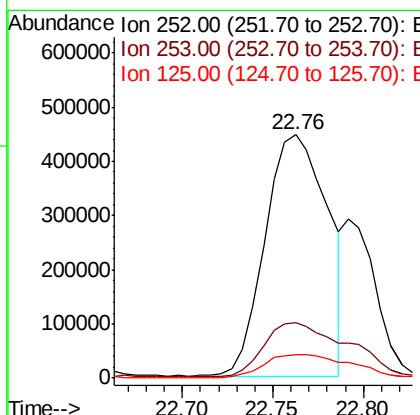
Manual Integrations
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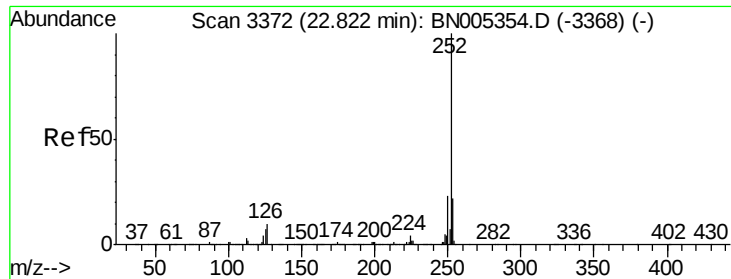
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#87
 Benzo(b)fluoranthene
 Concen: 11.467 ng/ul
 RT: 22.76 min Scan# 3362
 Delta R.T. -0.02 min
 Lab File: BN005356.D
 Acq: 29 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.6	8.4	12.6





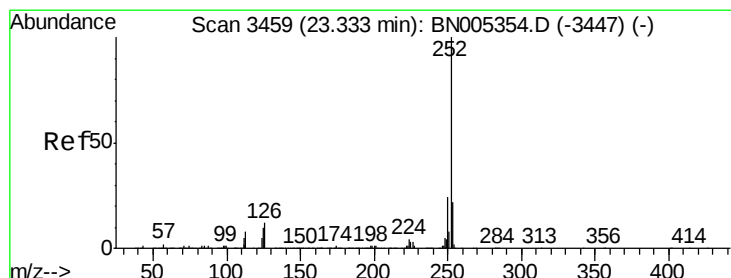
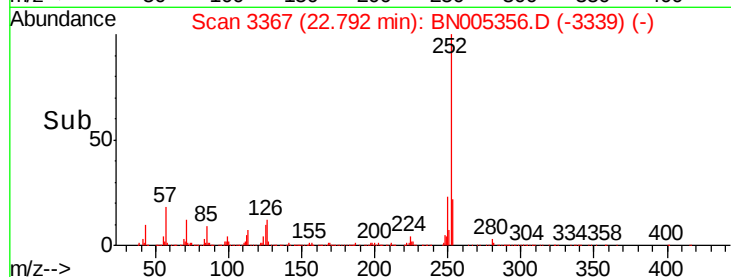
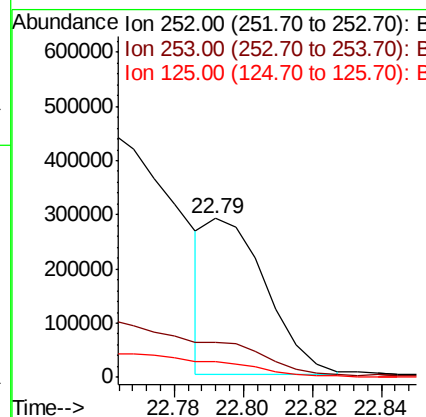
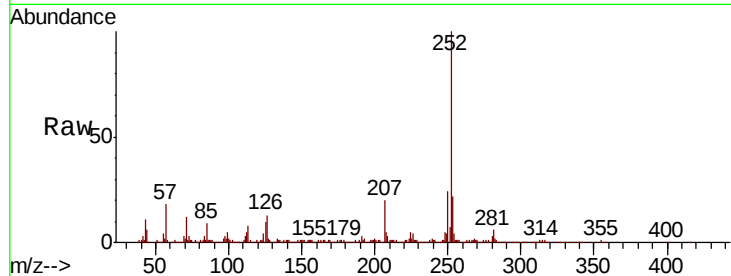
#88
Benzo(k)fluoranthene
Concen: 3.880 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.04 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :
GAHN6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.2	7.5	11.3

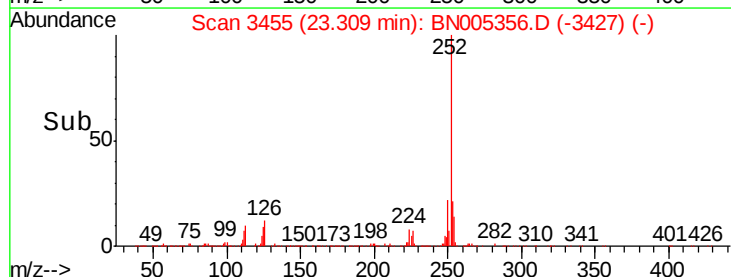
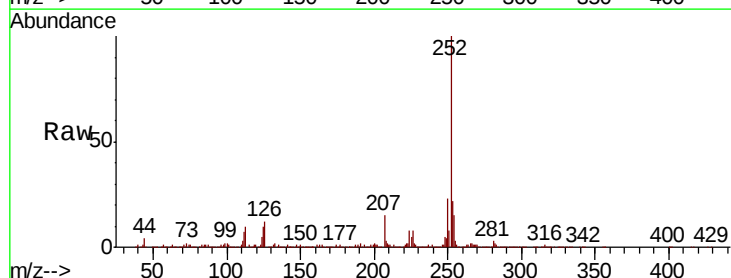
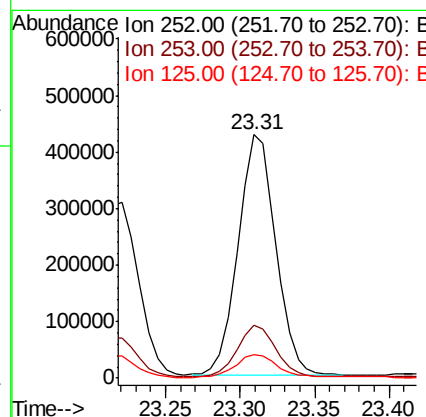
Manual Integrations
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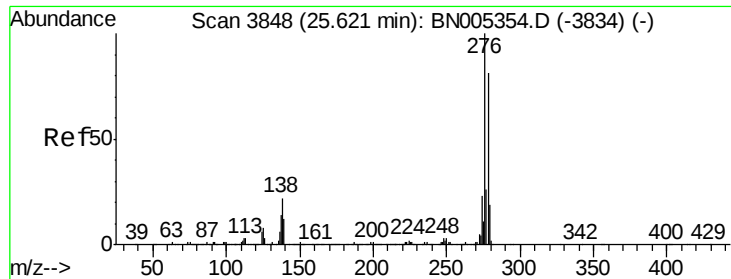
Sohil
4/30/2019 6:27:38 PM



#90
Benzo(a)pyrene
Concen: 8.482 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.6	8.6	13.0





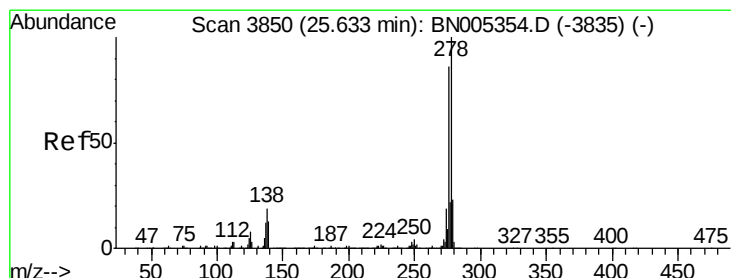
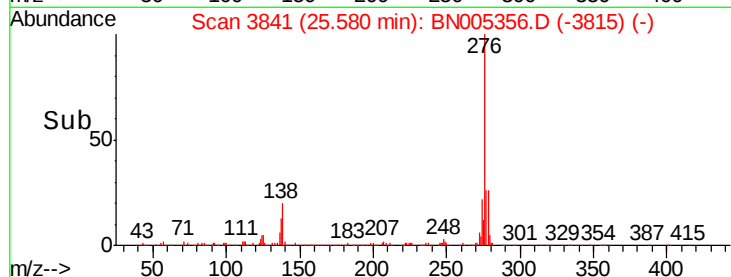
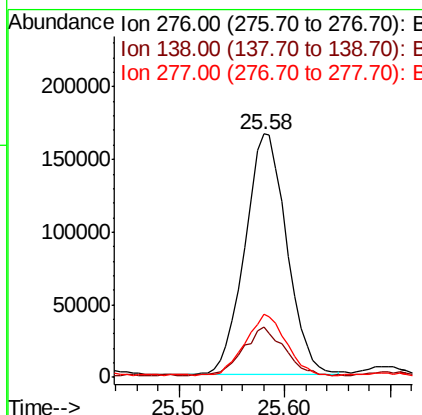
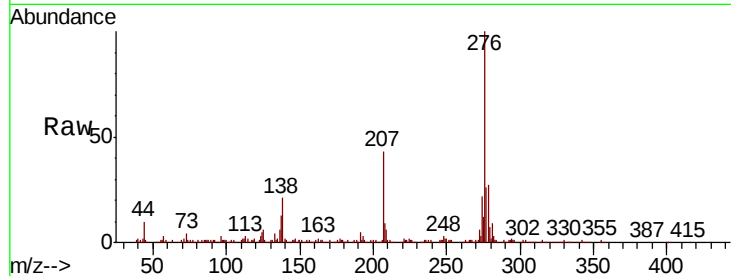
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.691 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.05 min
 Lab File: BN005356.D
 Acq: 29 Apr 2019 18:00

Instrument :
 BNA_N
 ClientSampleId :
 GAHN6DL

Tot Ion:	276	Resp:	455490
Ion Ratio	Lower	Upper	
276	100		
138	20.8	17.9	26.9
277	26.0	19.7	29.5

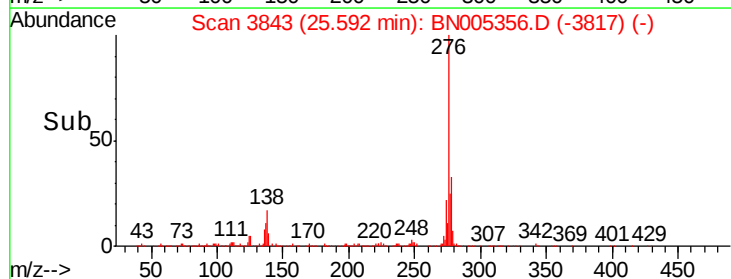
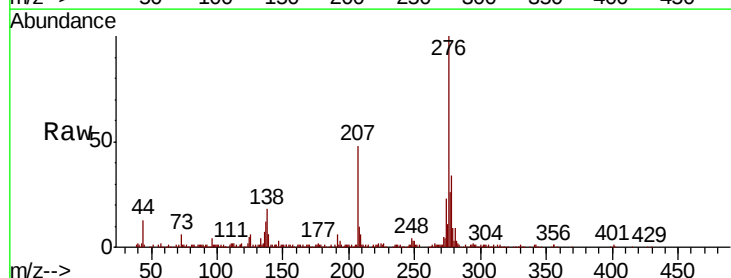
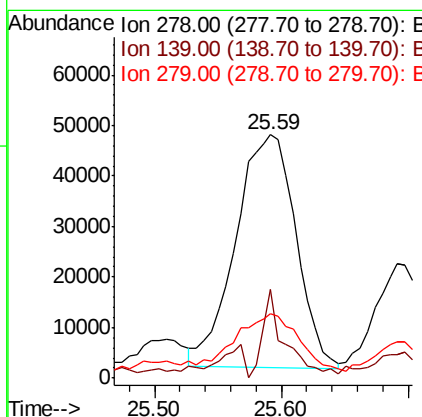
Manual Integrations
 APPROVED

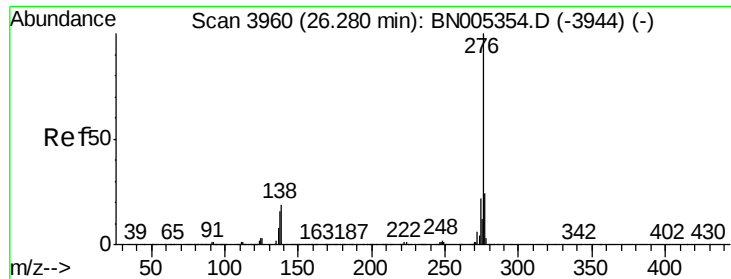
Sohil
 4/30/2019 6:27:38 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 1.841 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.05 min
 Lab File: BN005356.D
 Acq: 29 Apr 2019 18:00

Tgt Ion:	278	Resp:	151676
Ion Ratio	Lower	Upper	
278	100		
139	36.2	13.1	19.7#
279	26.3	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 4.683 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.05 min

Lab File: BN005356.D

Acq: 29 Apr 2019 18:00

Instrument :

BNA_N

ClientSampleId :

GAHN6DL

Tot Ion:	276	Resp:	376035
Ion Ratio	Lower	Upper	
276	100		
138	18.3	16.7	25.1
277	23.5	18.2	27.2

Manual Integrations
APPROVED

Sohil
4/30/2019 6:27:38 PM

