

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005358.D
 Acq On : 29 Apr 2019 19:09
 Operator : JU/SJ
 Sample : K2456-12DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ0DL

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:27:10 PM

Quant Time: Apr 30 02:13:15 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	315850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1314600	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	768896	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1731168	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1621718	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1936753	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4379	0.67	ng/uL	0.00
5) Phenol-d5	6.78	99	76645	3.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	47021	3.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	62300	3.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	61184	3.16	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	32208	3.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	31322	3.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	60420	3.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	30535	1.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	199877	3.58	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	257223	3.75	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.45	143	26122	2.96	ng/ul	0.01
57) Fluorene-d10	15.22	176	181833	3.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	14285	1.83	ng/ul	0.00
70) Anthracene-d10	17.07	188	285195	3.93	ng/ul	-0.01
78) Pyrene-d10	19.39	212	309154	3.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	318196	3.76	ng/ul	-0.03

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	12.02	142	66960	1.496	ng/ul	95
44) Dimethylphthalate	13.69	163	59950	1.078	ng/ul#	91
47) Acenaphthylene	13.95	152	2195339	32.586	ng/ul	99
58) Fluorene	15.30	166	188612	3.650	ng/ul#	59
69) Phenanthrene	17.02	178	600199	7.119	ng/ul	99
71) Anthracene	17.11	178	1125210	13.101	ng/ul	99
76) Fluoranthene	19.06	202	1957221	20.929	ng/ul	98
79) Pyrene	19.42	202	5104319	48.884	ng/ul	98
82) Benzo(a)anthracene	21.20	228	2982657m	29.564	ng/ul	
84) Chrysene	21.25	228	3071719	32.806	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	3543944	32.552	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	803986m	7.732	ng/ul	
90) Benzo(a)pyrene	23.32	252	3521109	34.408	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1695518	14.986	ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	610042	6.353	ng/ul	93
93) Benzo(g,h,i)perylene	26.26	276	1471705	15.732	ng/ul	94

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

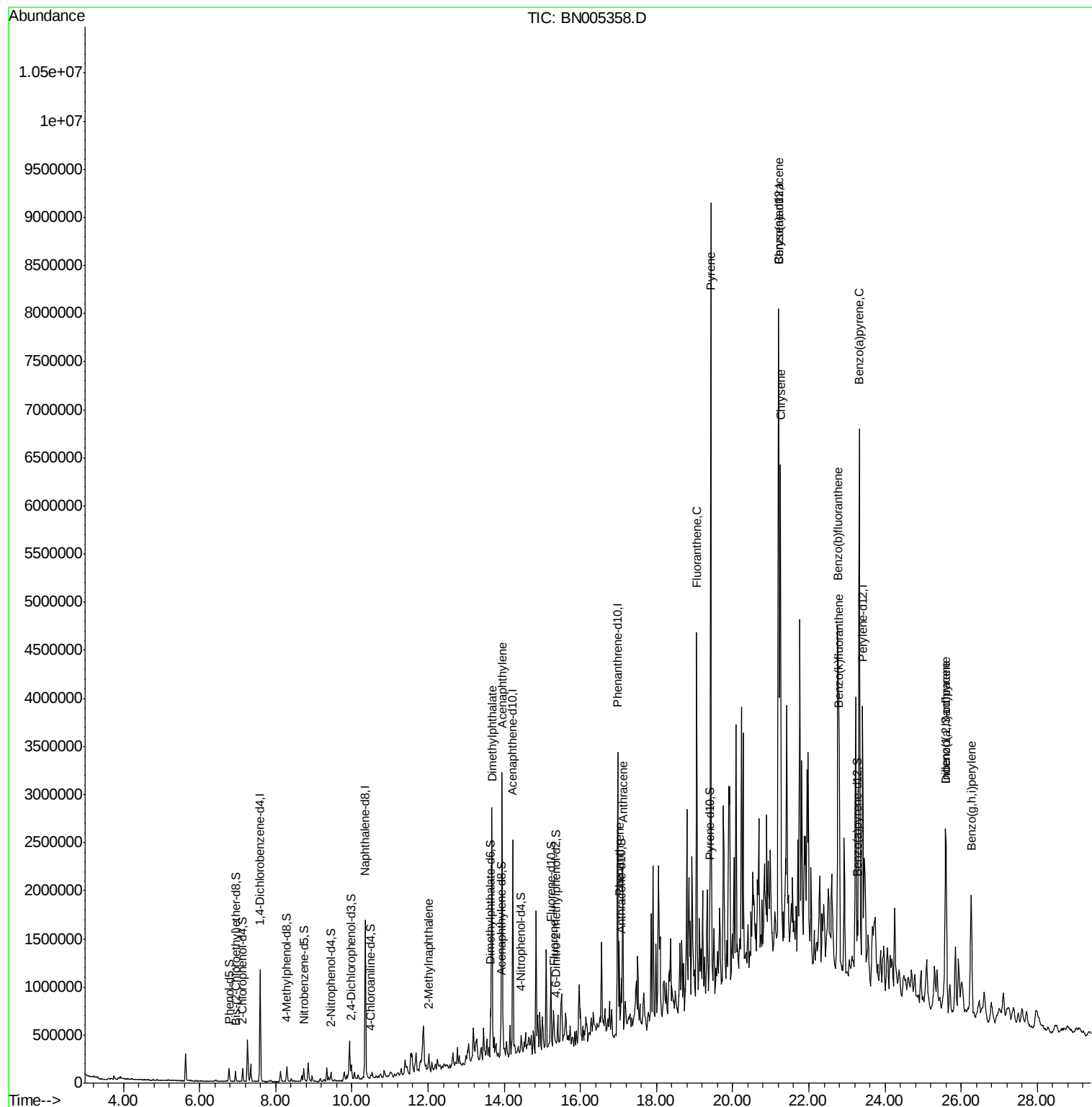
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005358.D
Acq On : 29 Apr 2019 19:09
Operator : JU/SJ
Sample : K2456-12DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

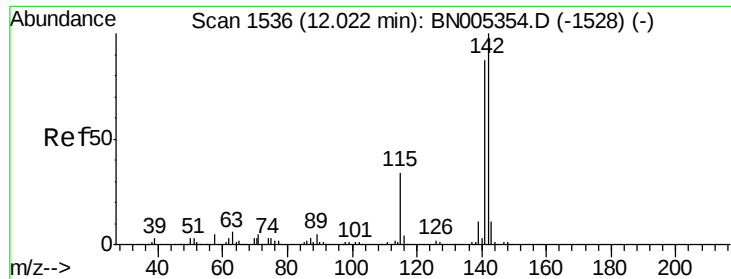
Instrument :
BNA_N
ClientSampleId :
GAHQ0DL

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Quant Time: Apr 30 02:13:15 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





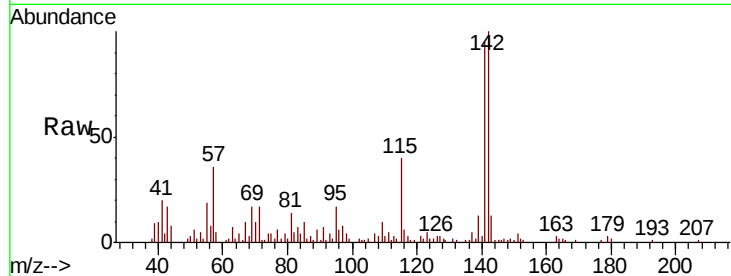
#34
2-Methylnaphthalene
Concen: 1.496 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Instrument :
BNA_N
ClientSampleId :
GAHQ0DL

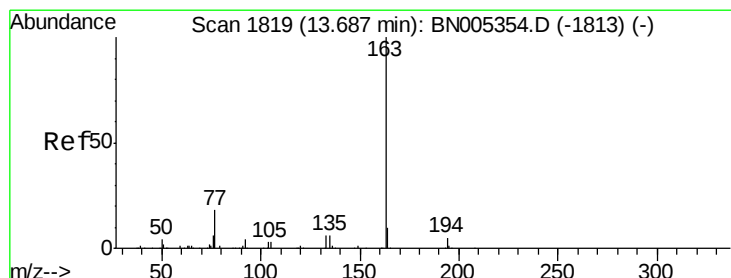
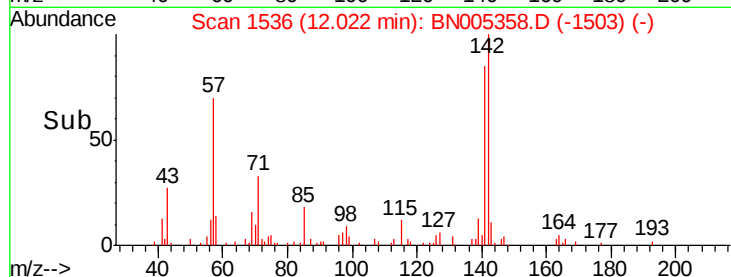
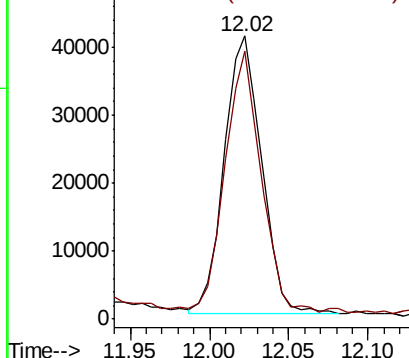
Tot Ion:142 Resp: 66960
Ion Ratio Lower Upper
142 100
141 94.7 72.0 108.0

Manual Integrations
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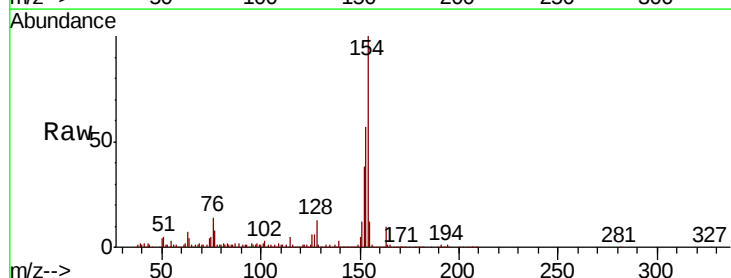


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

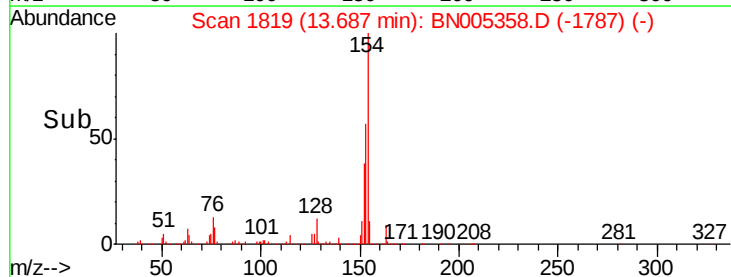
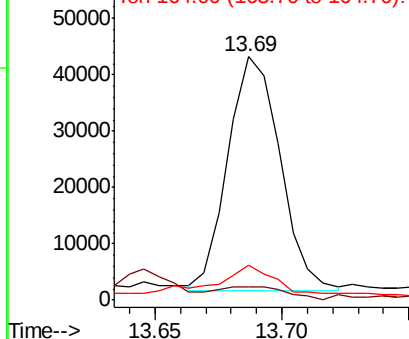


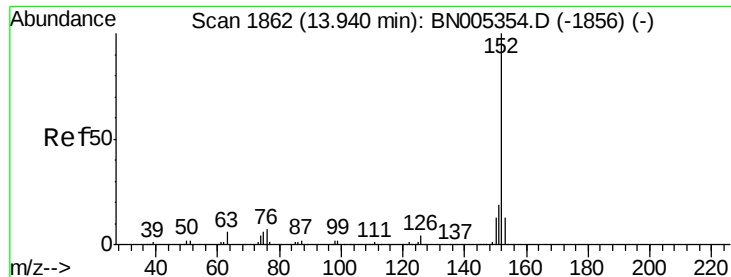
#44
Dimethylphthalate
Concen: 1.078 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Tgt Ion:163 Resp: 59950
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.0#
164 14.2 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: 32.586 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005358.D

Acq: 29 Apr 2019 19:09

Instrument :

BNA_N

ClientSampleId :

GAHQ0DL

Tot Ion:152 Resp: 2195339

Ion Ratio Lower Upper

152 100

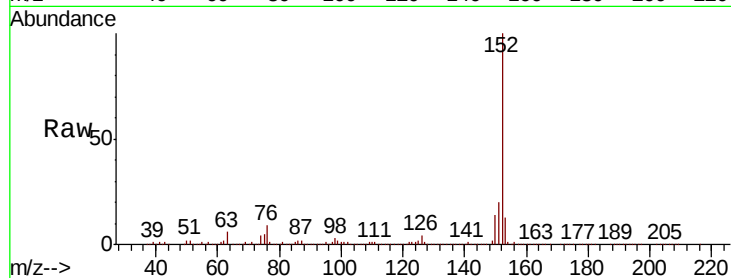
151 19.8 15.8 23.8

153 12.9 9.8 14.8

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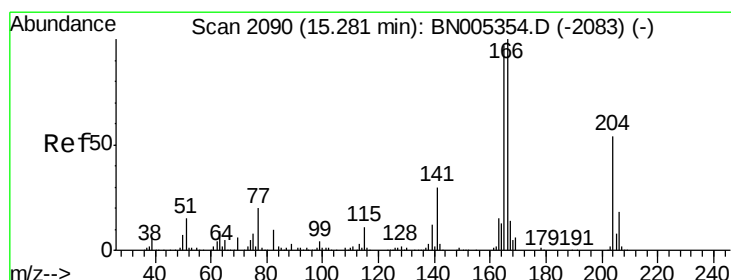
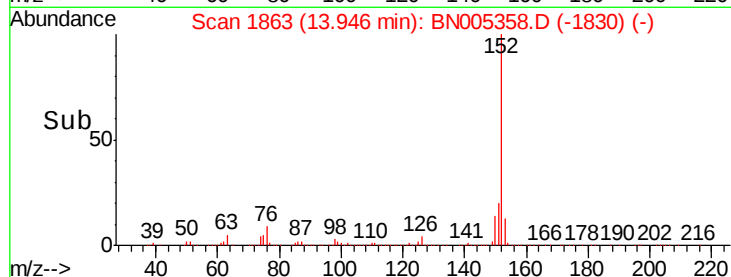
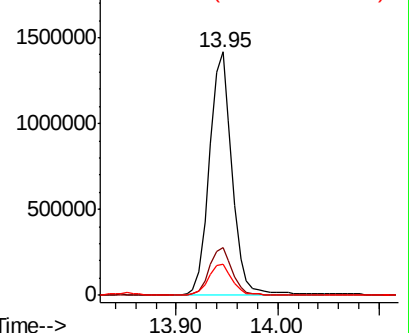
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#58

Fluorene

Concen: 3.650 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. 0.02 min

Lab File: BN005358.D

Acq: 29 Apr 2019 19:09

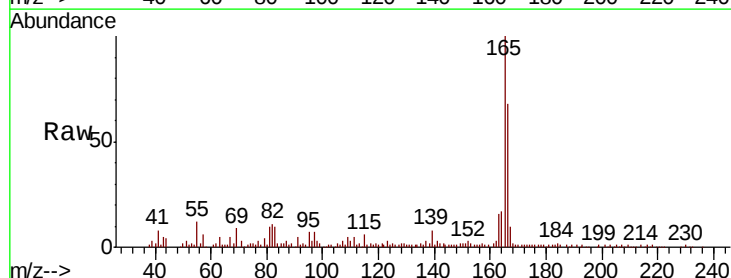
Tgt Ion:166 Resp: 188612

Ion Ratio Lower Upper

166 100

165 146.3 80.0 120.0#

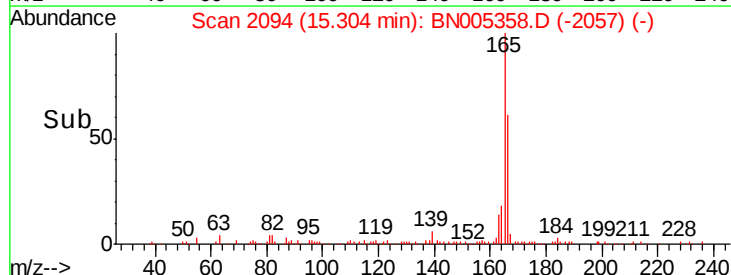
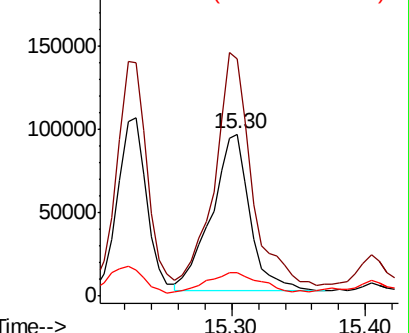
167 14.5 10.7 16.1

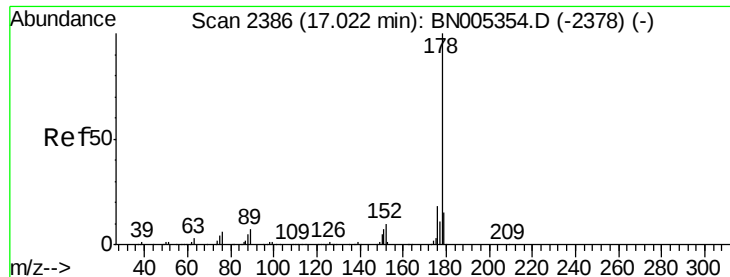


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





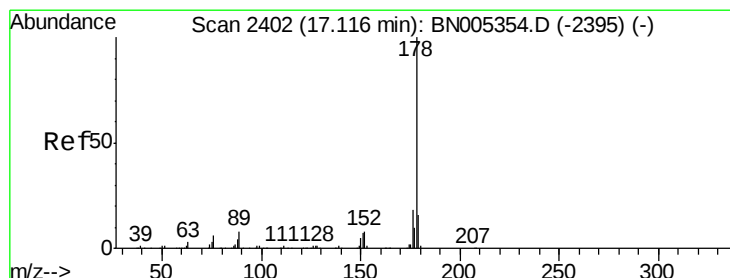
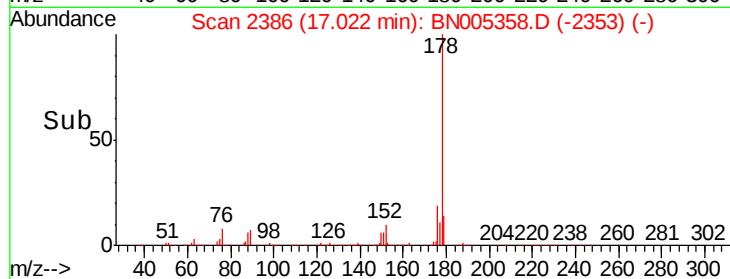
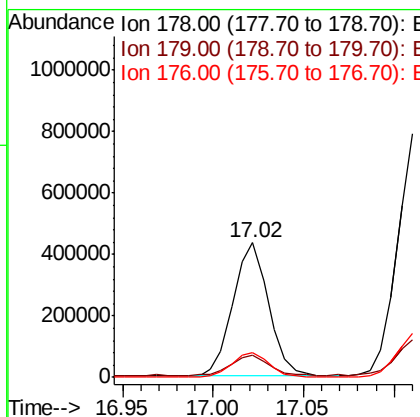
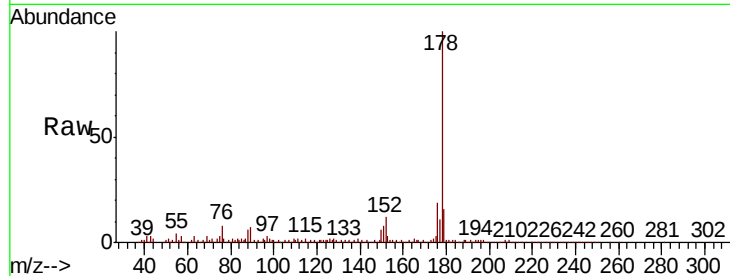
#69
Phenanthrene
Concen: 7.119 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Instrument :
BNA_N
ClientSampled :
GAHQ0DL

Tot Ion:178	Resp:	600199
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.2 18.4
176	18.8	15.1 22.7

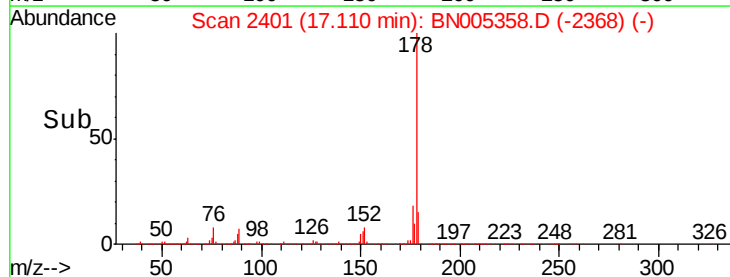
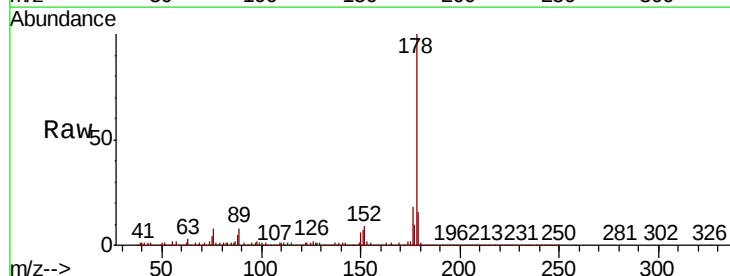
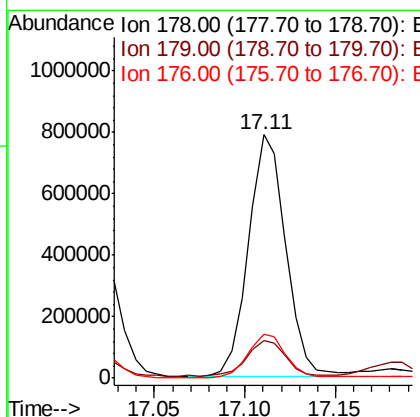
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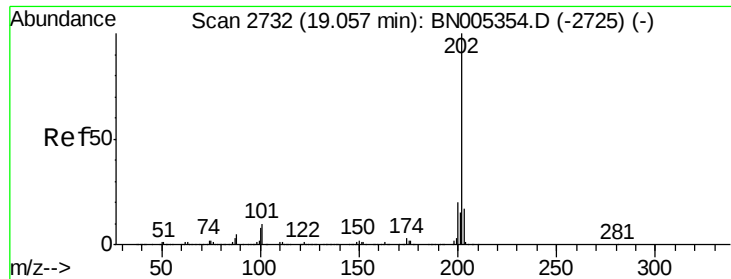
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#71
Anthracene
Concen: 13.101 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Tgt Ion:178	Resp:	1125210
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	18.3	15.1 22.7





#76

Fluoranthene

Concen: 20.929 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005358.D

Acq: 29 Apr 2019 19:09

Instrument :

BNA_N

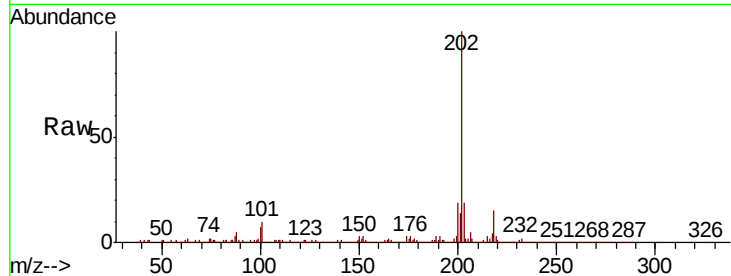
ClientSampleId :

GAHQ0DL

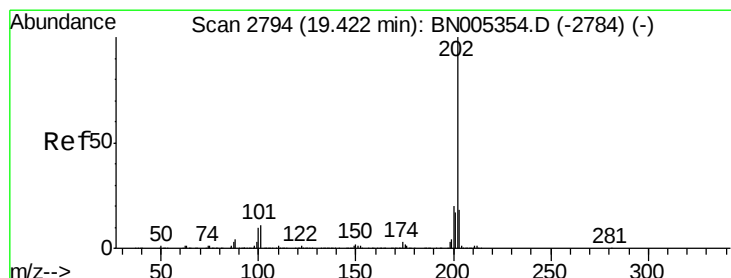
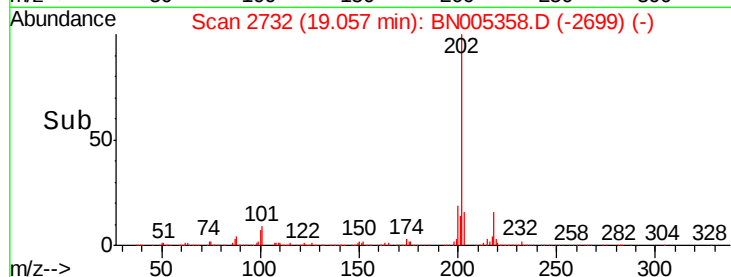
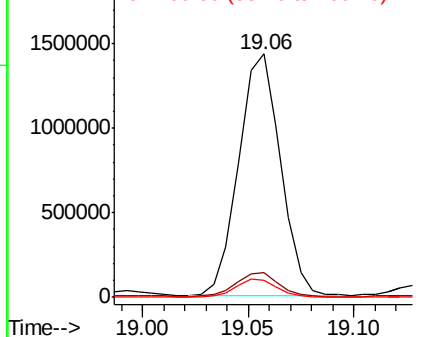
Tot Ion:	202	Resp:	1957221
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	12.8
100	7.0	6.3	9.5

Manual Integrations
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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: 48.884 ng/ul

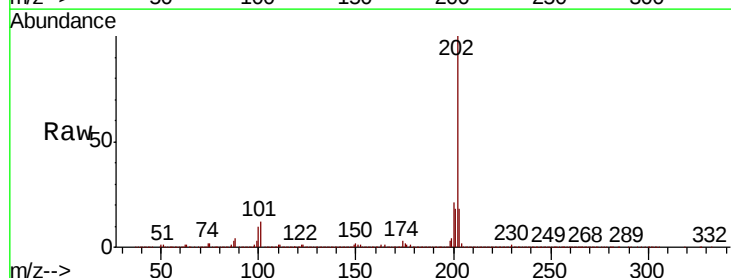
RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

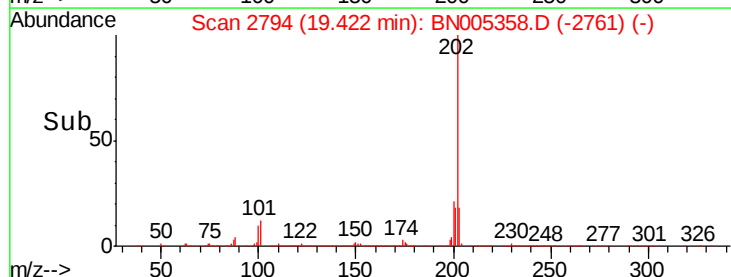
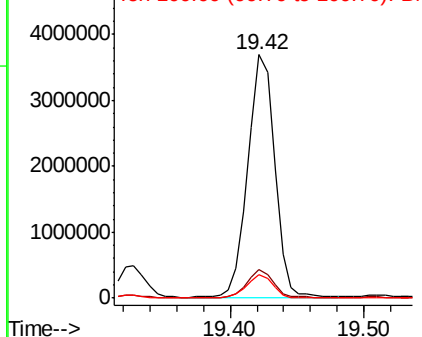
Lab File: BN005358.D

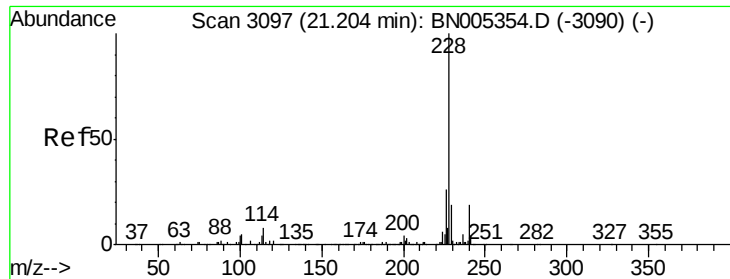
Acq: 29 Apr 2019 19:09

Tgt Ion:	202	Resp:	5104319
Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.3	15.5
100	9.6	7.9	11.9



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





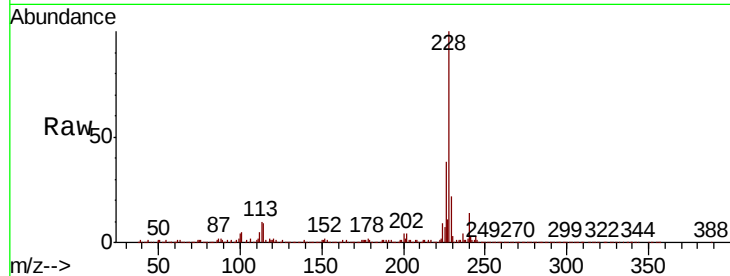
#82
Benzo(a)anthracene
Concen: 29.564 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Instrument :
BNA_N
ClientSampleId :
GAHQ0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.6
226	38.0	21.4	32.2

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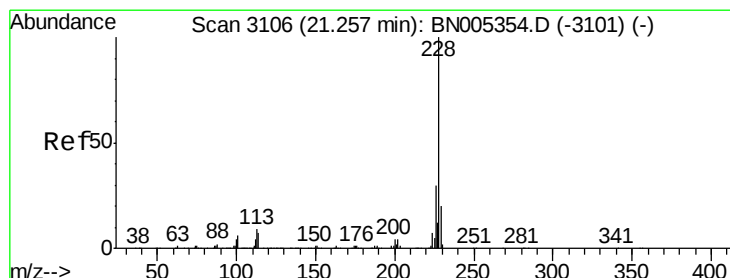
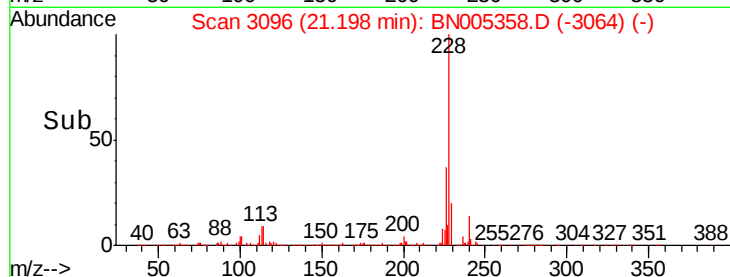
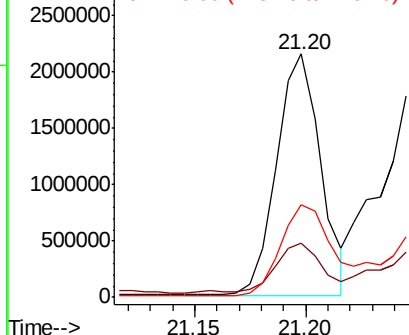


Abundance

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: 32.806 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

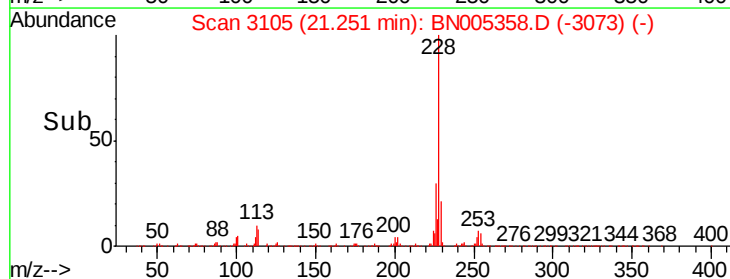
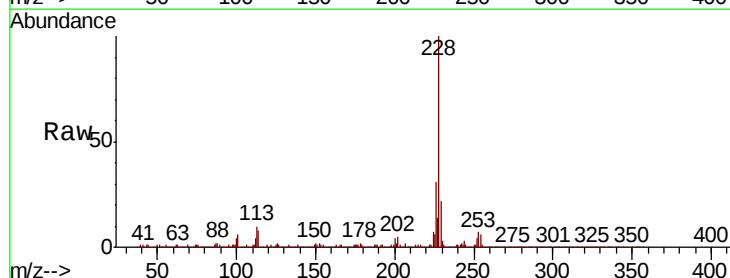
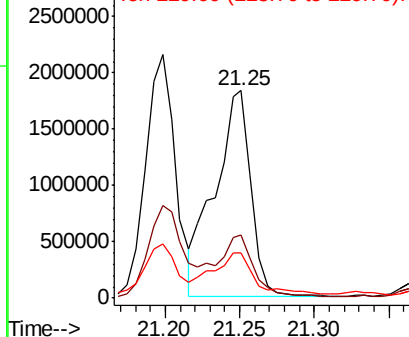
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.5	15.4	23.0

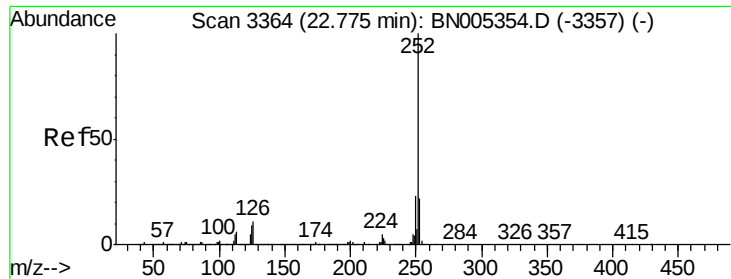
Abundance

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





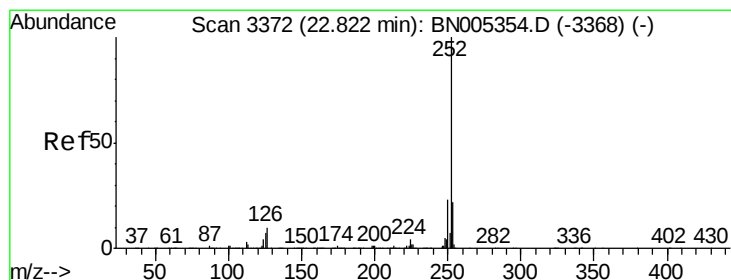
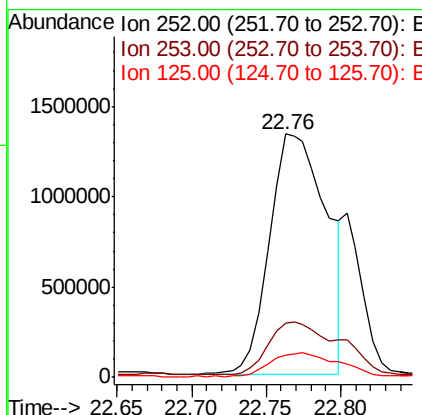
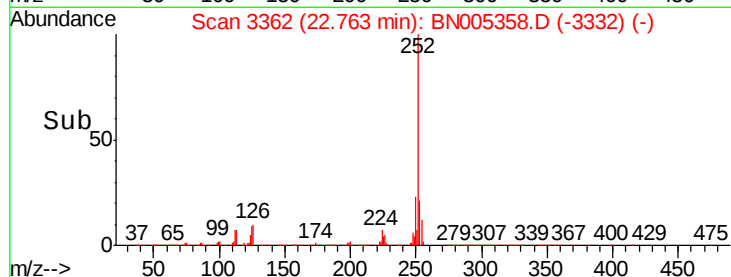
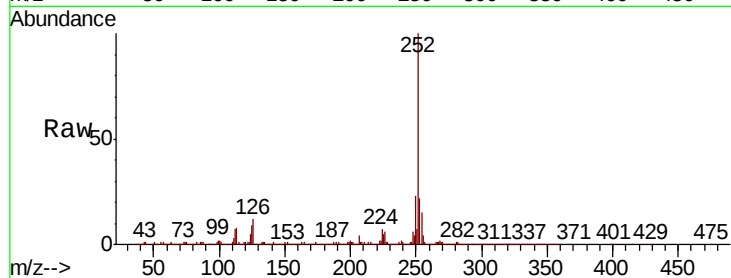
#87
Benzo(b)fluoranthene
Concen: 32.552 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Instrument :
BNA_N
ClientSampled :
GAHQ0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.2	8.4	12.6

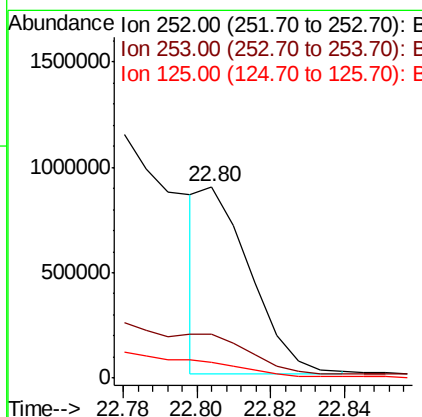
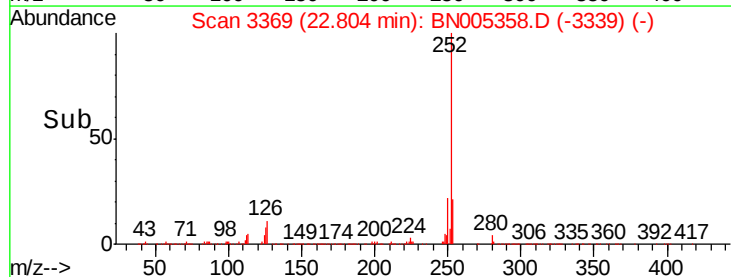
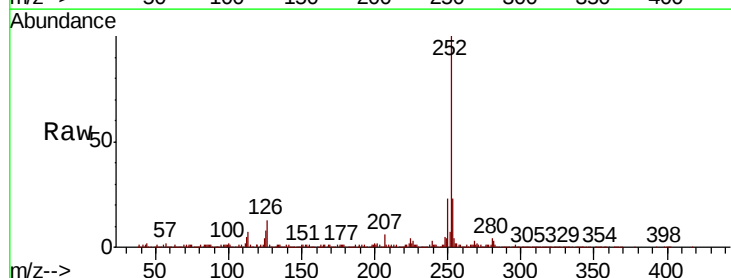
Manual Integrations
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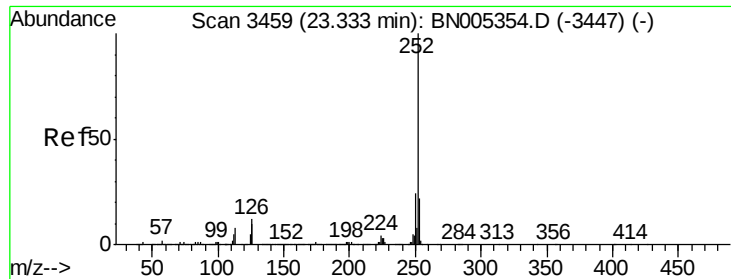
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#88
Benzo(k)fluoranthene
Concen: 7.732 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.02 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	8.4	7.5	11.3





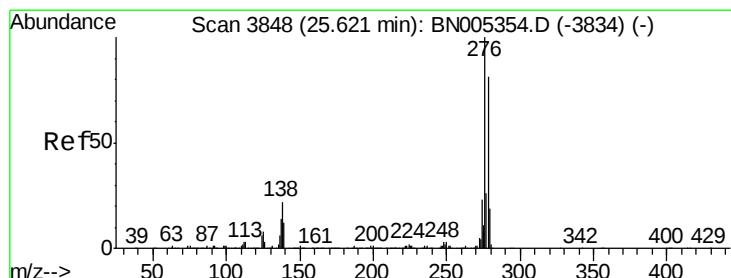
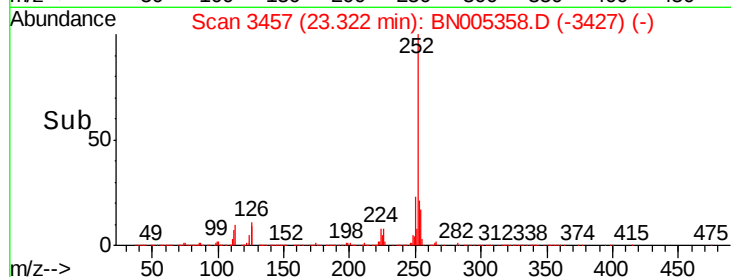
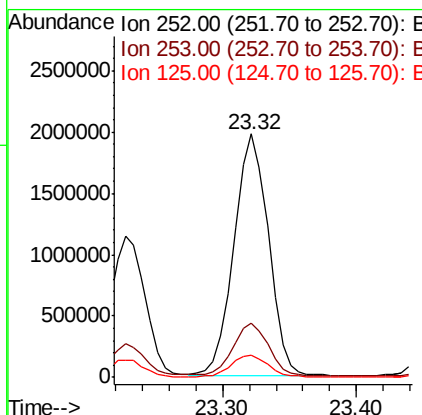
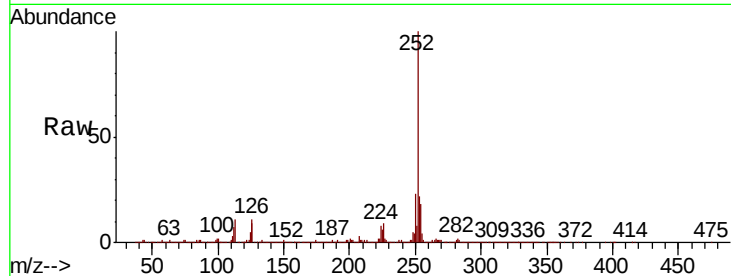
#90
Benzo(a)pyrene
Concen: 34.408 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Instrument :
BNA_N
ClientSampleID :
GAHQ0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.0	8.6	13.0

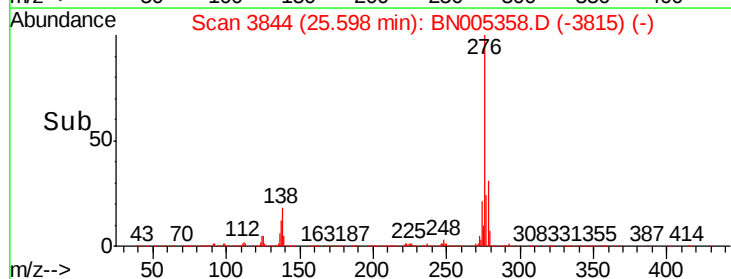
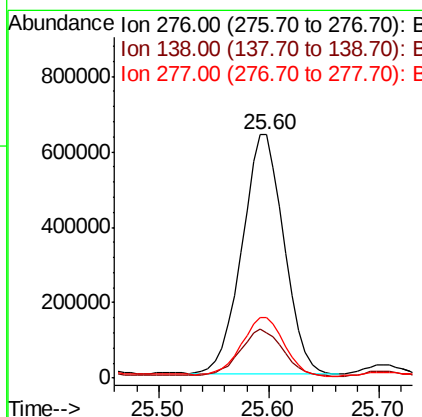
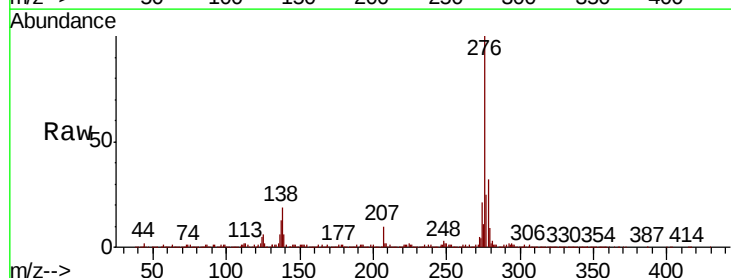
Manual Integrations
APPROVED

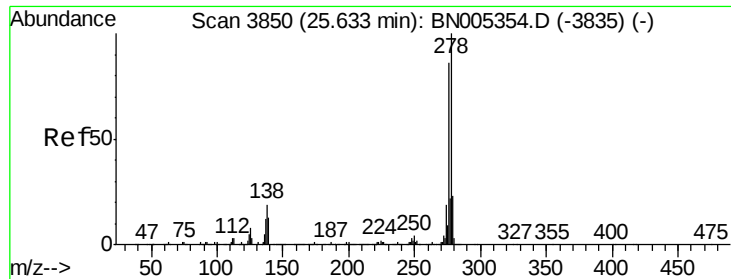
Sohil
4/30/2019 6:27:10 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 14.986 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.03 min
Lab File: BN005358.D
Acq: 29 Apr 2019 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.9	26.9
277	25.0	19.7	29.5





#92

Dibenzo(a,h)anthracene

Concen: 6.353 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.04 min

Lab File: BN005358.D

Acq: 29 Apr 2019 19:09

Instrument :

BNA_N

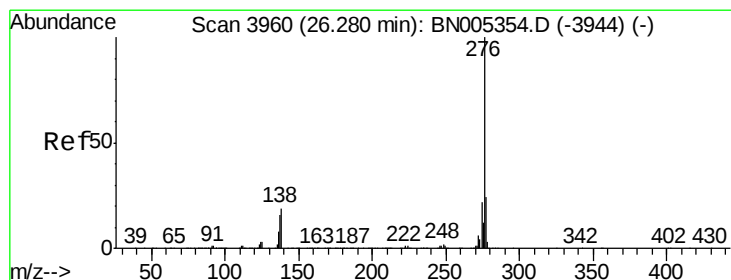
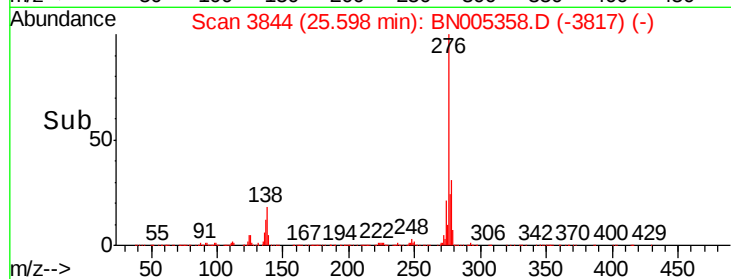
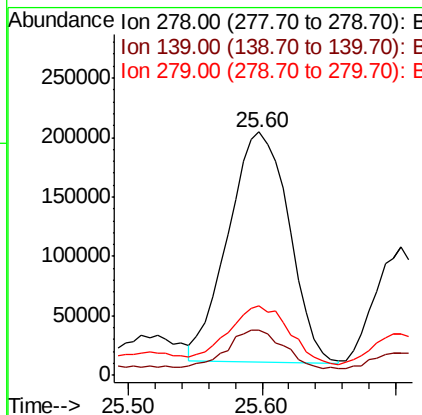
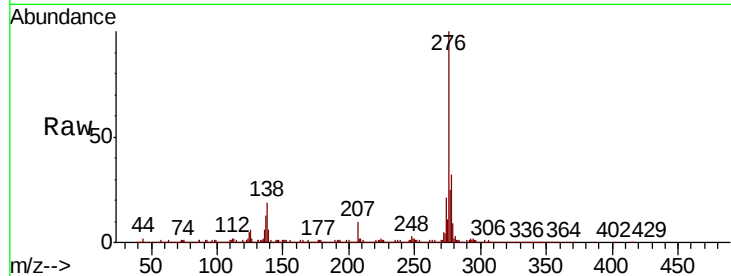
ClientSampled :

GAHQ0DL

Tot Ion:	278	Resp:	610042
Ion Ratio	Lower	Upper	
278	100		
139	18.7	13.1	19.7
279	28.6	19.4	29.0

Manual Integrations
APPROVED

Sohil
4/30/2019 6:27:10 PM



#93

Benzo(g,h,i)perylene

Concen: 15.732 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.03 min

Lab File: BN005358.D

Acq: 29 Apr 2019 19:09

Tgt Ion:	276	Resp:	1471705
Ion Ratio	Lower	Upper	
276	100		
138	16.9	16.7	25.1
277	24.8	18.2	27.2

