

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005391.D
 Acq On : 01 May 2019 03:10
 Operator : JU/SJ
 Sample : K2497-02ME 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8ME

Manual Integrations
 APPROVED

Sohil
 5/1/2019 12:06:03 PM

Quant Time: May 01 07:43:59 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	412258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1793753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1158802	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2750044	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2394217	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2289735	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8638	1.01	ng/uL	0.00
5) Phenol-d5	6.78	99	212528	6.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	121597	6.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	170942	6.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	178601	7.06	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	85851	7.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	101737	9.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	186973	7.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	212500	8.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	636728	7.57	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	772593	7.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.44	143	93893	7.07	ng/ul	0.00
57) Fluorene-d10	15.22	176	563943	7.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	74014	5.98	ng/ul	0.00
70) Anthracene-d10	17.07	188	900042	7.81	ng/ul	-0.01
78) Pyrene-d10	19.39	212	959346	7.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	735773	7.35	ng/ul	-0.04

Target Compounds

					Ovalue	
47) Acenaphthylene	13.95	152	937731	9.236	ng/ul	99
58) Fluorene	15.28	166	143155	1.838	ng/ul#	96
69) Phenanthrene	17.02	178	3463199	25.858	ng/ul	99
71) Anthracene	17.11	178	1512293	11.084	ng/ul	99
74) Carbazole	17.38	167	208556	1.779	ng/ul	96
76) Fluoranthene	19.06	202	11054626	74.414	ng/ul	98
79) Pyrene	19.43	202	9779300	63.438	ng/ul	97
82) Benzo(a)anthracene	21.19	228	6740833	45.257	ng/ul	95
84) Chrysene	21.24	228	5058175m	36.591	ng/ul	
87) Benzo(b)fluoranthene	22.76	252	5089123	39.539	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	1880528	15.298	ng/ul	97
90) Benzo(a)pyrene	23.32	252	3555964	29.392	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	1601075	11.970	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.58	278	546743	4.816	ng/ul#	80
93) Benzo(g,h,i)perylene	26.24	276	910756	8.235	ng/ul	95

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

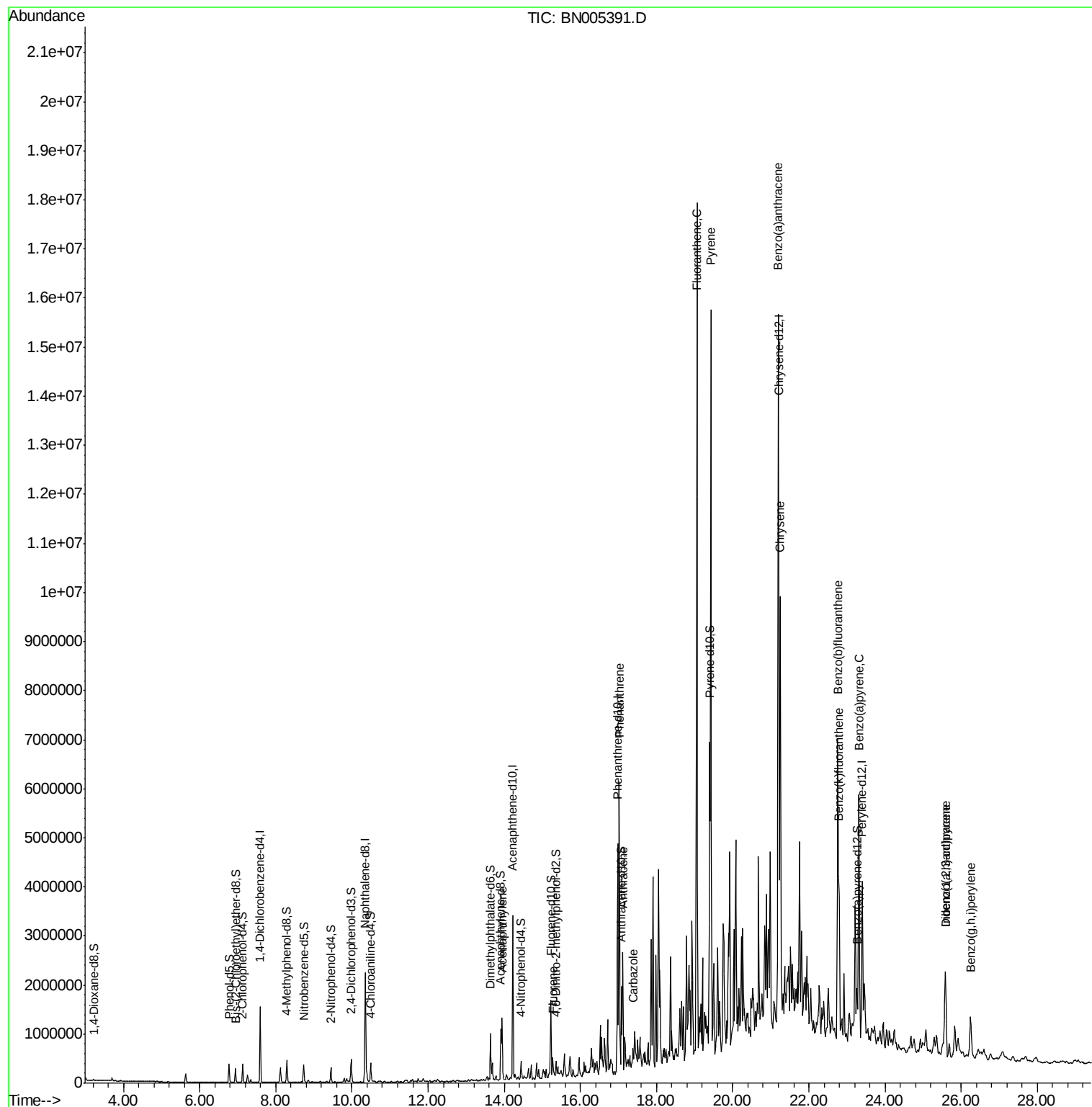
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

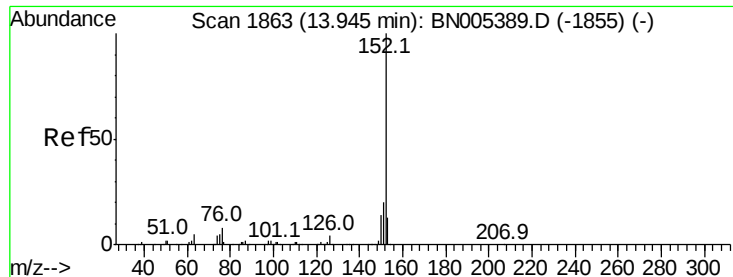
Instrument :
BNA_N
ClientSampleId :
GAHX8ME

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Quant Time: May 01 07:43:59 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





#47

Acenaphthylene

Concen: 9.236 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Instrument :

BNA_N

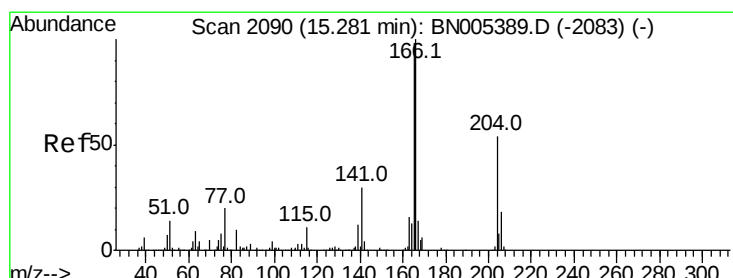
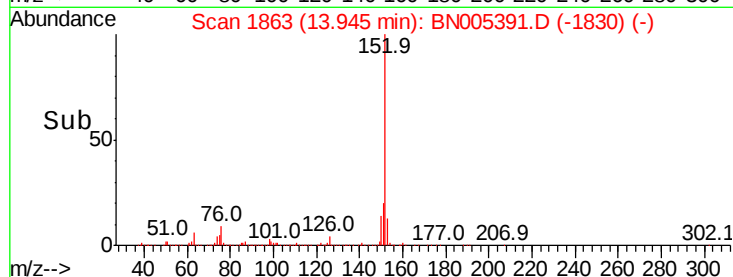
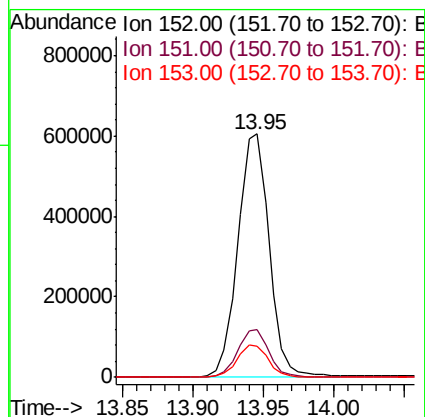
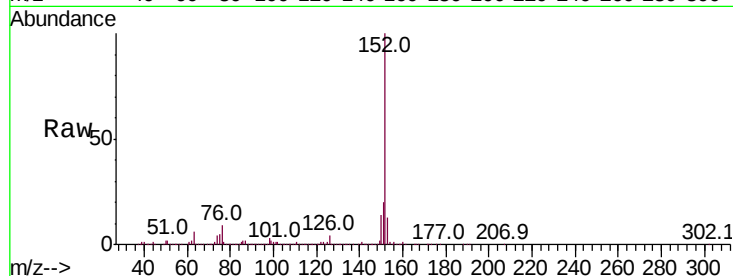
ClientSampleId :

GAHX8ME

Tot Ion:	152	Resp:	937731
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.8
153	12.7	9.8	14.8

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#58

Fluorene

Concen: 1.838 ng/ul

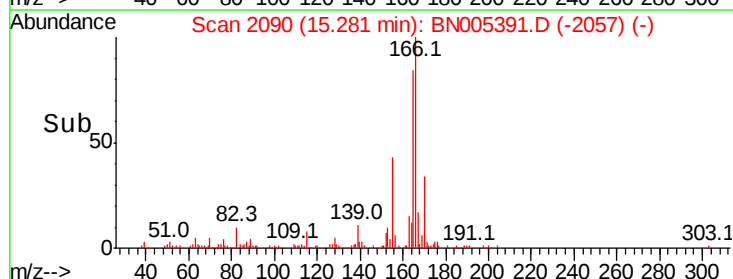
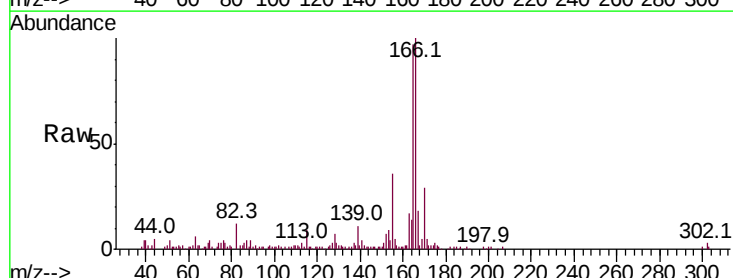
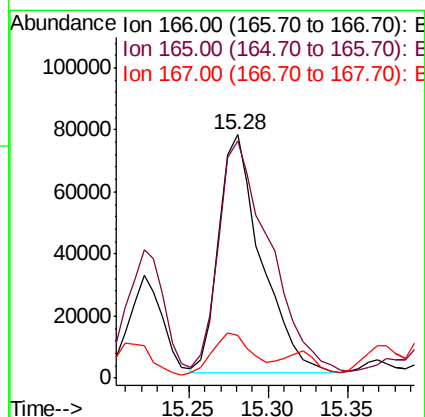
RT: 15.28 min Scan# 2090

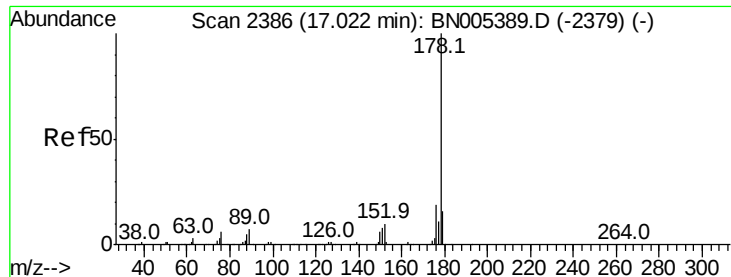
Delta R.T. -0.01 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Tgt Ion:	166	Resp:	143155
Ion Ratio	Lower	Upper	
166	100		
165	97.4	80.0	120.0
167	17.6	10.7	16.1#





#69

Phenanthrene

Concen: 25.858 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Instrument :

BNA_N

ClientSampleId :

GAHX8ME

Tot Ion:178 Resp: 3463199

Ion Ratio Lower Upper

178 100

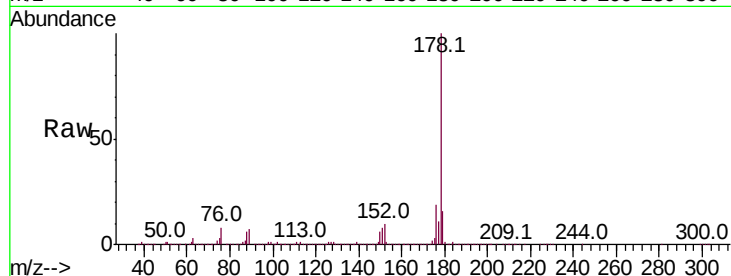
179 15.8 12.2 18.4

176 19.0 15.1 22.7

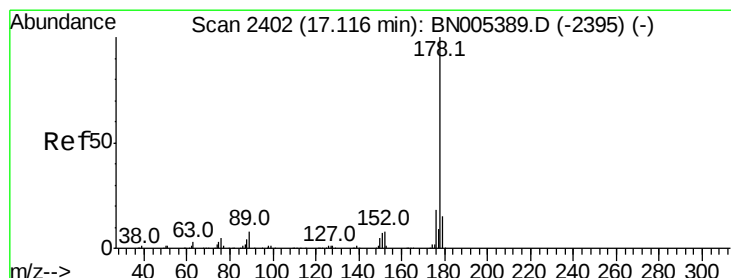
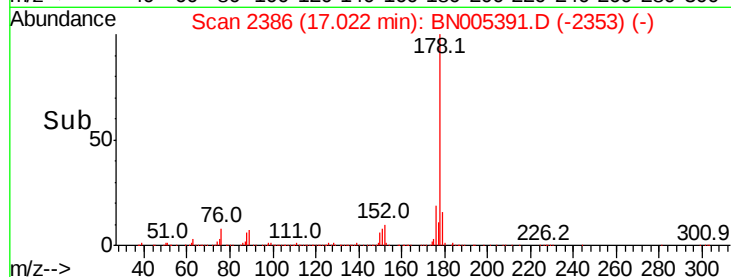
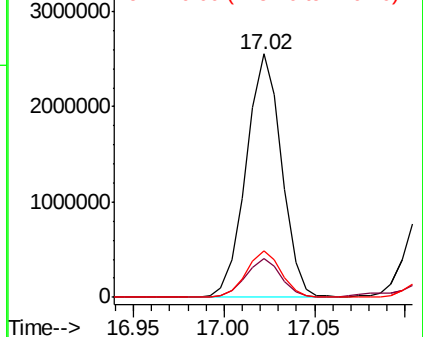
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 11.084 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

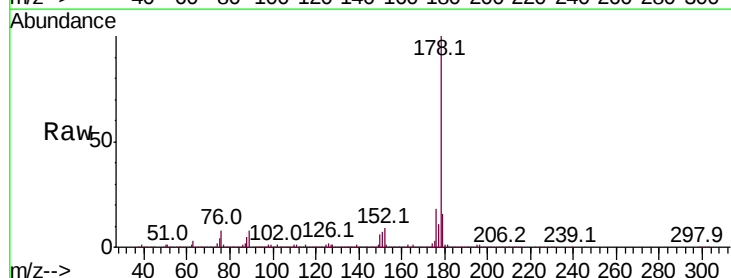
Tgt Ion:178 Resp: 1512293

Ion Ratio Lower Upper

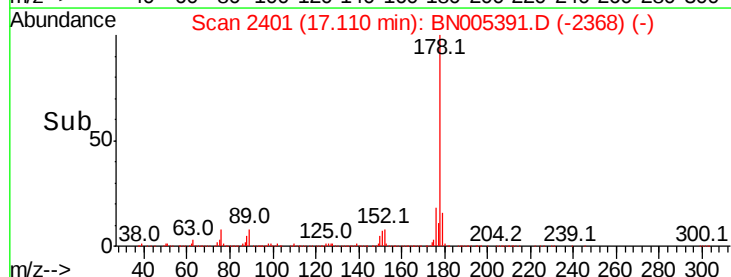
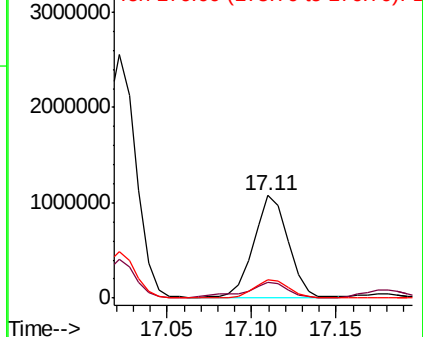
178 100

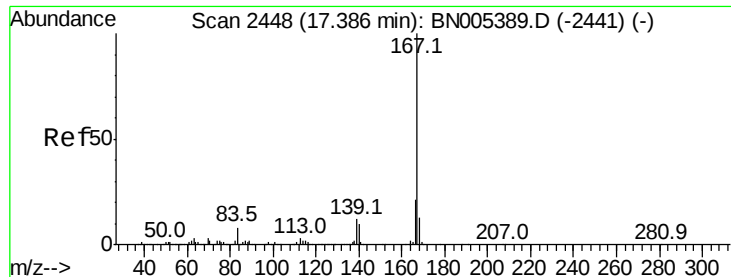
179 16.0 12.3 18.5

176 18.2 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





#74

Carbazole

Concen: 1.779 ng/ul

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Instrument :

BNA_N

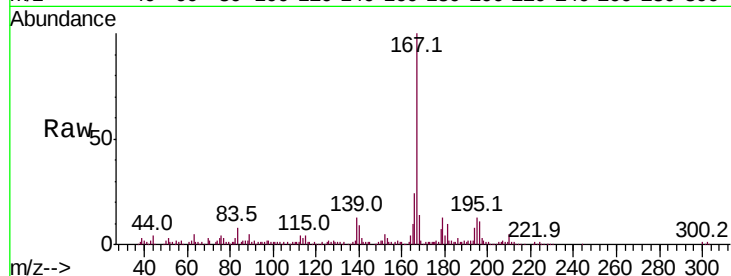
ClientSampleId :

GAHX8ME

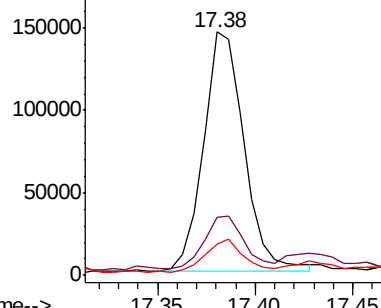
Tot Ion:	167	Resp:	208556
Ion Ratio	Lower	Upper	
167	100		
166	24.0	17.2	25.8
139	12.9	10.6	16.0

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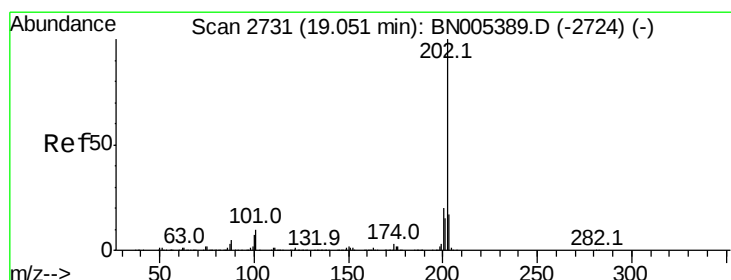
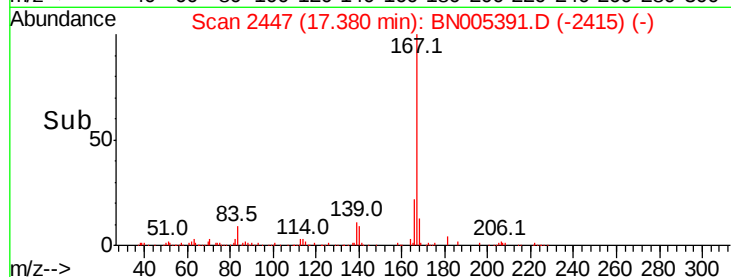
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Abundance Ion 167.00 (166.70 to 167.70): E
200000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#76

Fluoranthene

Concen: 74.414 ng/ul

RT: 19.06 min Scan# 2733

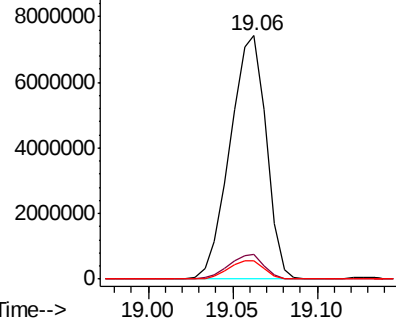
Delta R.T. 0.00 min

Lab File: BN005391.D

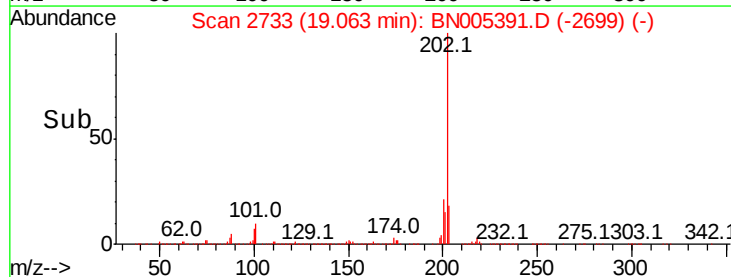
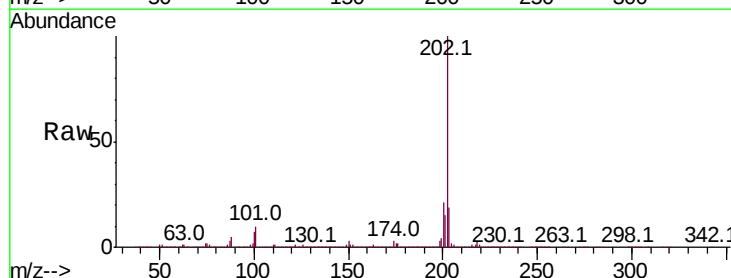
Acq: 01 May 2019 03:10

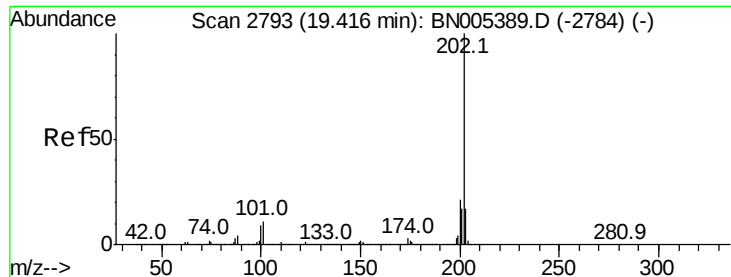
Tgt Ion:	202	Resp:	11054626
Ion Ratio	Lower	Upper	
202	100		
101	9.9	8.6	12.8
100	7.5	6.3	9.5

Abundance Ion 202.00 (201.70 to 202.70): E
1e+07 Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#79

Pvrene

Concen: 63.438 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Instrument :

BNA_N

ClientSampleId :

GAHX8ME

Tot Ion:202 Resp: 9779300

Ion Ratio Lower Upper

202 100

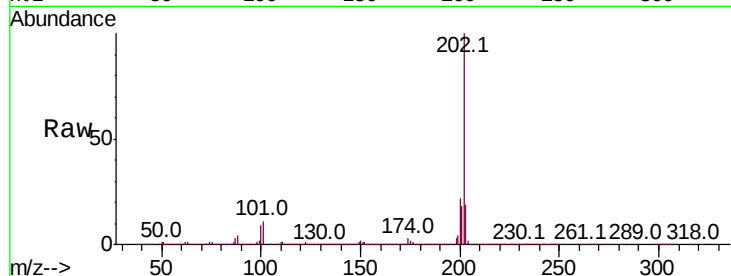
101 11.2 10.3 15.5

100 9.4 7.9 11.9

Manual Integrations
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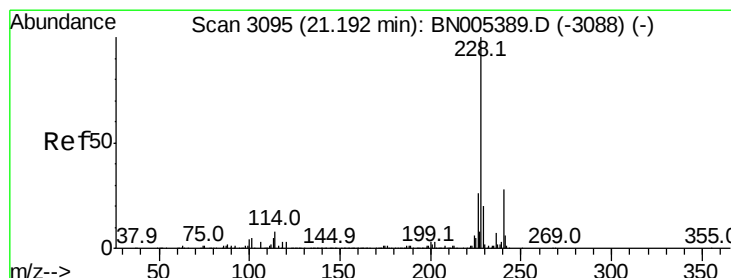
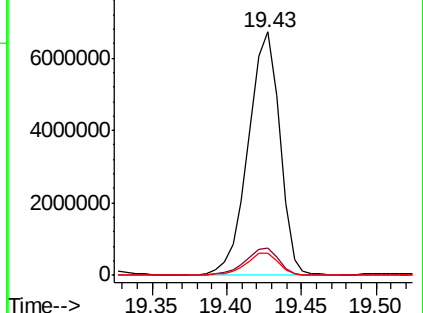
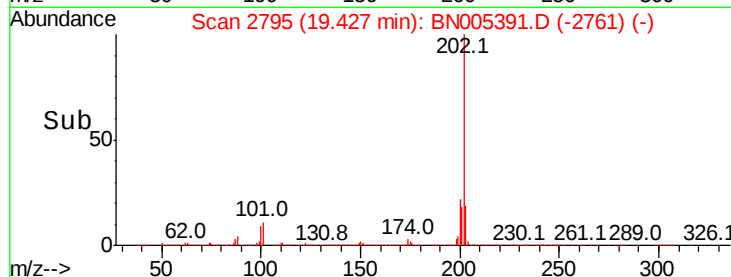
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 45.257 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

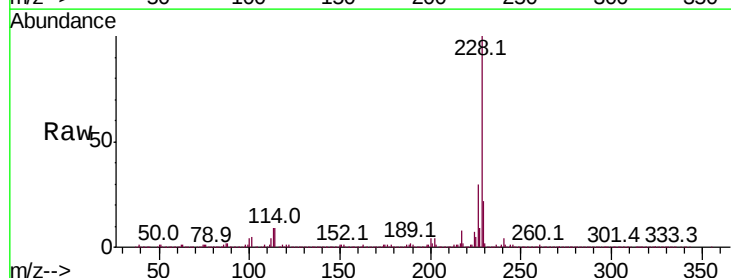
Tgt Ion:228 Resp: 6740833

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

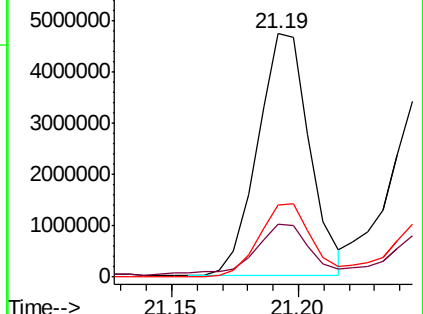
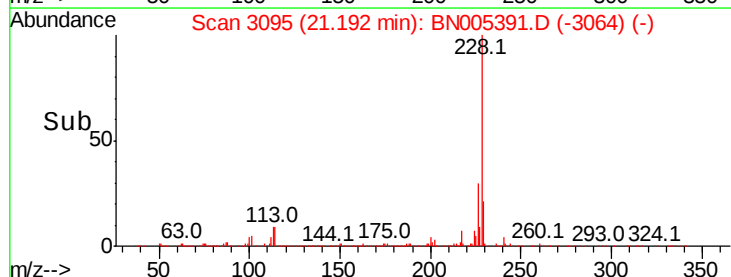
226 29.8 21.4 32.2

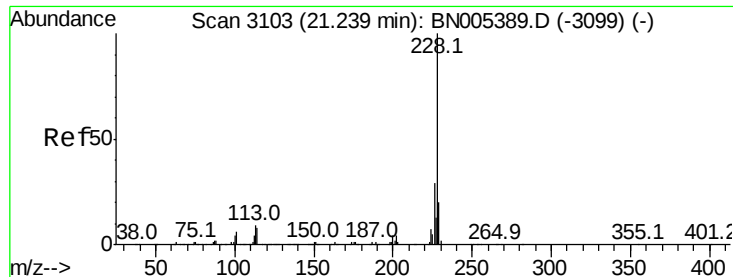


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





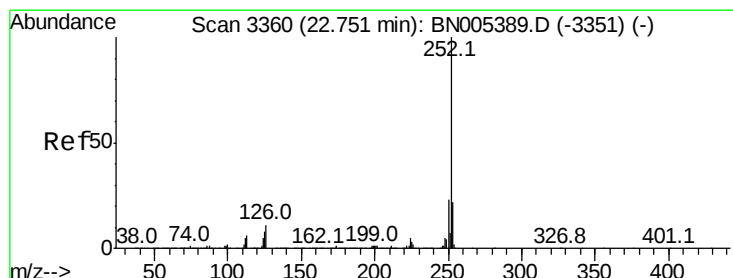
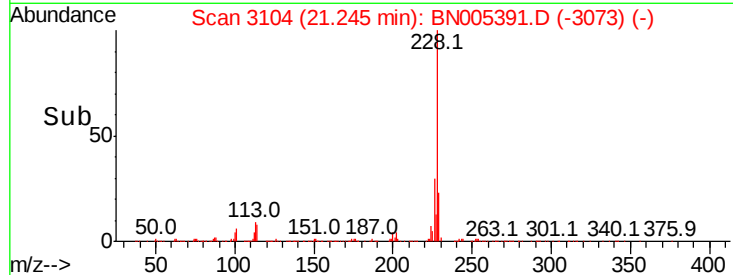
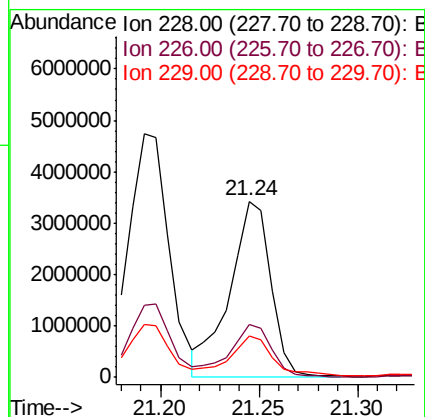
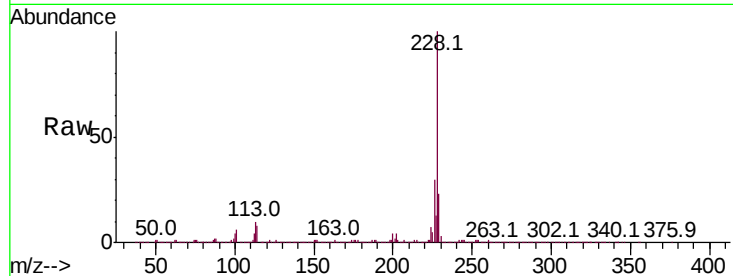
#84
 Chrysene
 Concen: 36.591 ng/ul m
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.02 min
 Lab File: BN005391.D
 Acq: 01 May 2019 03:10

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8ME

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	23.5	15.4	23.0

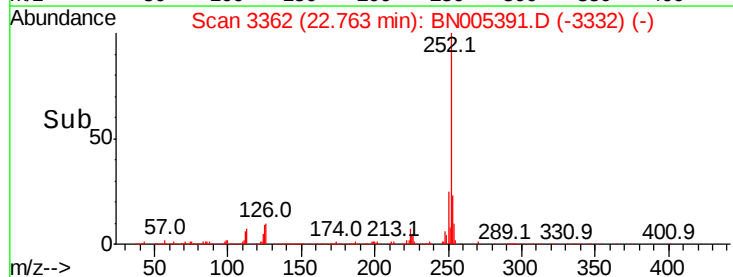
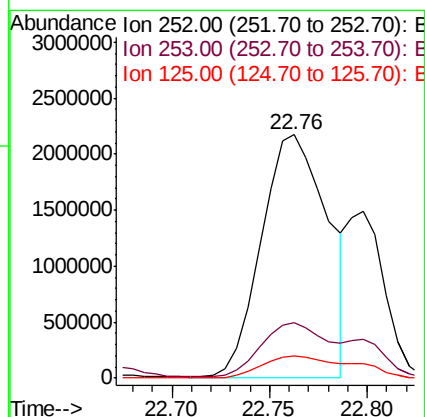
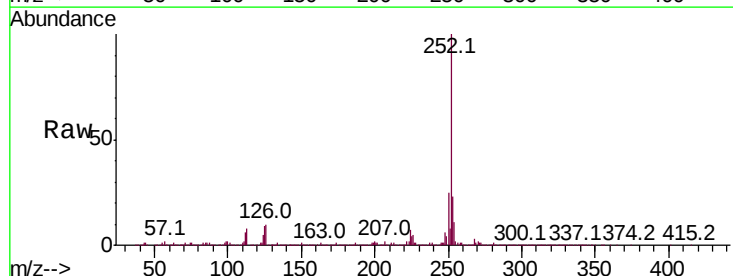
Manual Integrations
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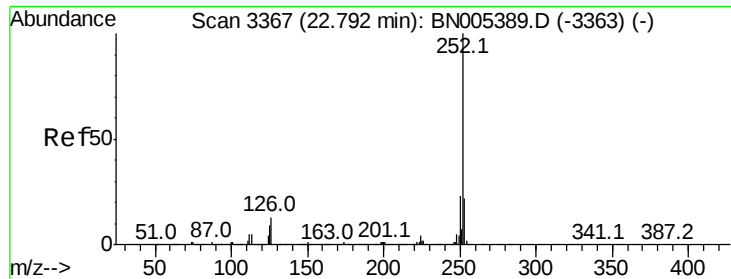
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#87
 Benzo(b)fluoranthene
 Concen: 39.539 ng/ul
 RT: 22.76 min Scan# 3362
 Delta R.T. -0.02 min
 Lab File: BN005391.D
 Acq: 01 May 2019 03:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.1	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 15.298 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.03 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Instrument :

BNA_N

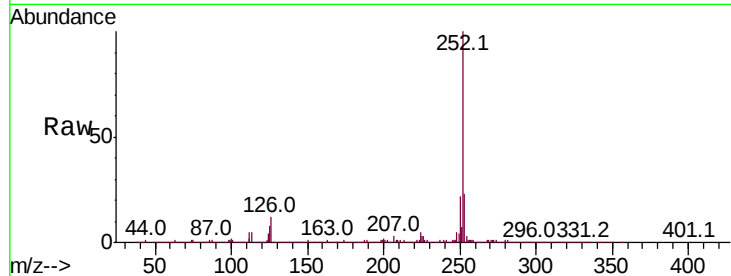
ClientSampled :

GAHX8ME

Tot Ion:	252	Resp:	1880528
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.0
125	8.5	7.5	11.3

Manual Integrations
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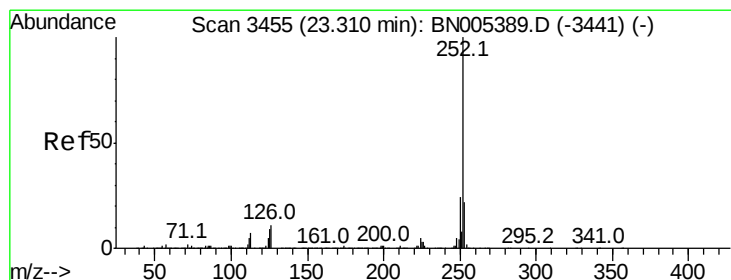
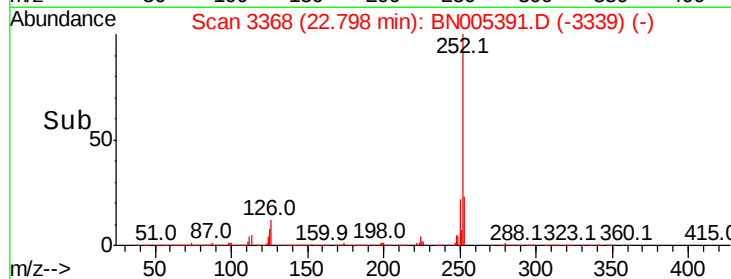
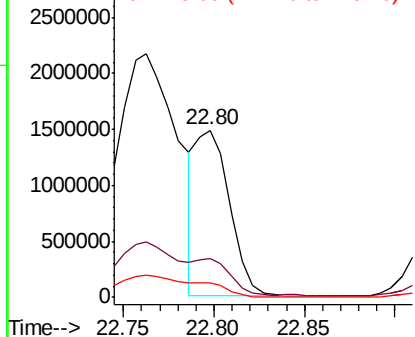


Abundance

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



#90

Benzo(a)pyrene

Concen: 29.392 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.03 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

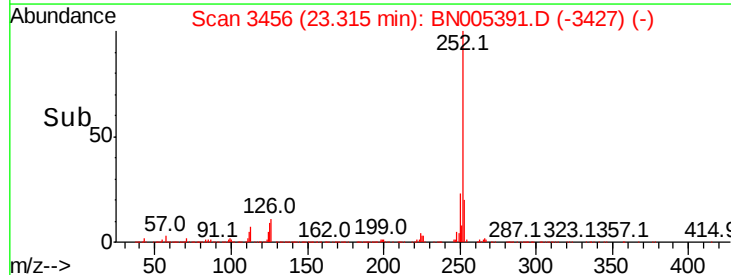
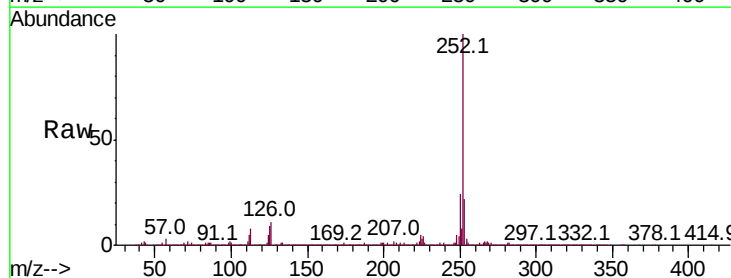
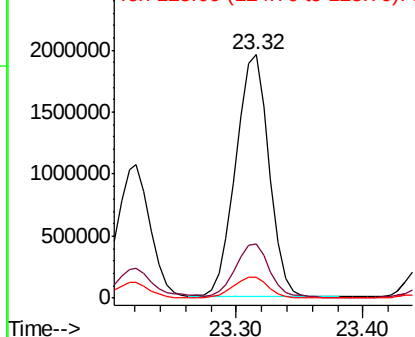
Tgt Ion:	252	Resp:	3555964
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	8.7	8.6	13.0

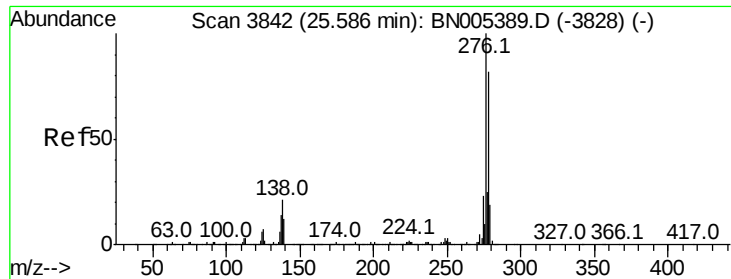
Abundance

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





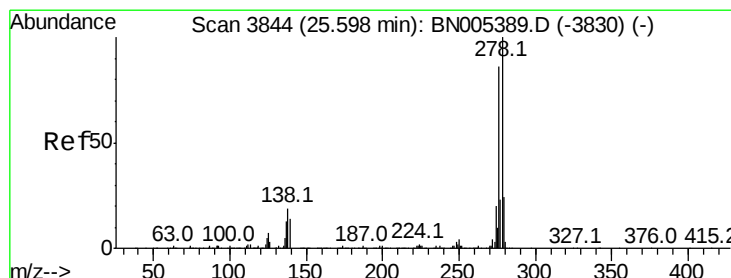
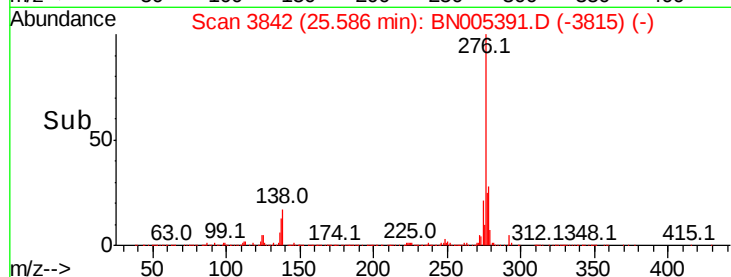
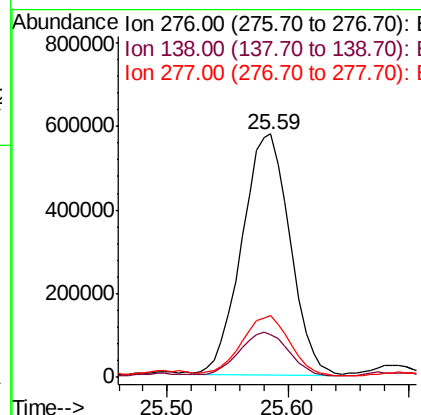
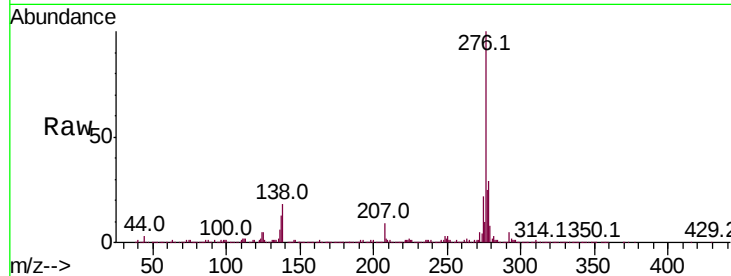
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 11.970 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.04 min
 Lab File: BN005391.D
 Acq: 01 May 2019 03:10

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8ME

Tot Ion:276 Resp: 1601075
 Ion Ratio Lower Upper
 276 100
 138 17.6 17.9 26.9#
 277 25.4 19.7 29.5

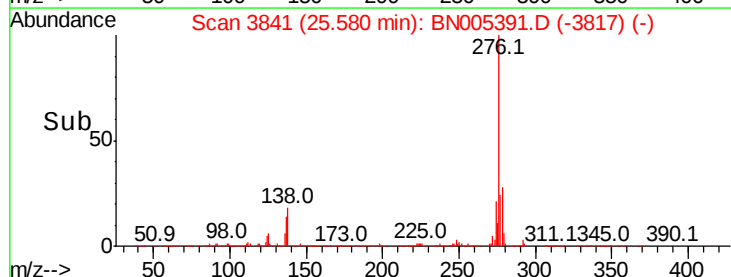
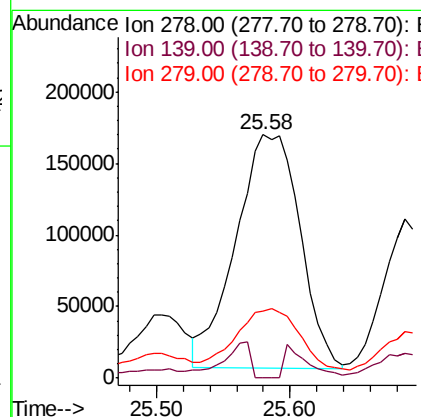
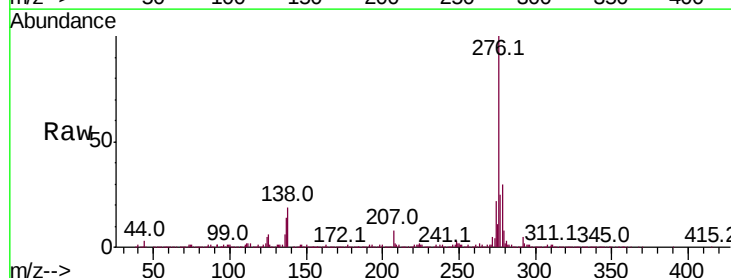
Manual Integrations
 APPROVED

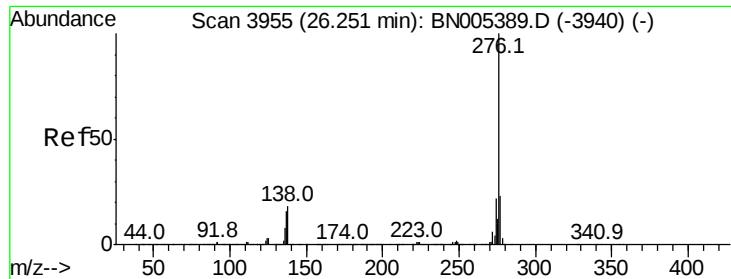
Sohil
 5/1/2019 12:06:03 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 4.816 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.06 min
 Lab File: BN005391.D
 Acq: 01 May 2019 03:10

Tgt Ion:278 Resp: 546743
 Ion Ratio Lower Upper
 278 100
 139 0.0 13.1 19.7#
 279 27.6 19.4 29.0





#93

Benzo(a,h,i)perylene

Concen: 8.235 ng/ul

RT: 26.24 min Scan# 3954

Delta R.T. -0.05 min

Lab File: BN005391.D

Acq: 01 May 2019 03:10

Instrument :

BNA_N

ClientSampleId :

GAHX8ME

Tot Ion:	276	Resp:	910756
Ion Ratio	Lower	Upper	
276	100		
138	18.9	16.7	25.1
277	25.4	18.2	27.2

Manual Integrations
APPROVED

Sohil
5/1/2019 12:06:03 PM

