

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
 Data File : BN005887.D
 Acq On : 23 May 2019 18:50
 Operator : JU/SJ
 Sample : K2923-17MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4263MS

Manual Integrations
 APPROVED

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 5/24/2019 5:02:11 PM

Quant Time: May 24 05:38:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	59304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	260803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	178743	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	449246	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	506821	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	493207	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	5264	4.97	ng/uL	0.00
5) Phenol-d5	6.76	99	118521	25.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	67969	28.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	103709	28.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	86161	21.98	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	54325	28.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	59669	27.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	111912	26.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.48	131	113562	24.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	426363	31.00	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	504814	30.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	43666m	22.54	ng/ul	0.01
57) Fluorene-d10	15.20	176	375985	31.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	19912	7.37	ng/ul	0.02
70) Anthracene-d10	17.06	188	632467	32.59	ng/ul	0.00
78) Pyrene-d10	19.38	212	852719	34.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	795578	35.96	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.78	94	135236	28.946	ng/ul	93
10) 2-Chlorophenol	7.13	128	106899	28.644	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.36	70	86948	28.695	ng/ul#	91
33) 4-Chloro-3-methylphenol	11.65	107	125970	27.744	ng/ul	98
44) Dimethylphthalate	13.67	163	123283	9.092	ng/ul	99
49) Acenaphthene	14.26	153	349300	32.038	ng/ul	98
52) 4-Nitrophenol	14.48	109	55071m	30.435	ng/ul	
54) 2,4-Dinitrotoluene	14.62	165	130991	30.593	ng/ul	95
68) Pentachlorophenol	16.64	266	67449	27.701	ng/ul	97
69) Phenanthrene	17.00	178	24637	1.106	ng/ul	97
76) Fluoranthene	19.04	202	129408	4.700	ng/ul#	87
79) Pyrene	19.41	202	1216553	39.088	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	63308	1.983	ng/ul	99
84) Chrysene	21.24	228	62113	2.064	ng/ul	95
87) Benzo(b)fluoranthene	22.76	252	64318	2.370	ng/ul#	97
90) Benzo(a)pyrene	23.32	252	40167	1.529	ng/ul	98

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

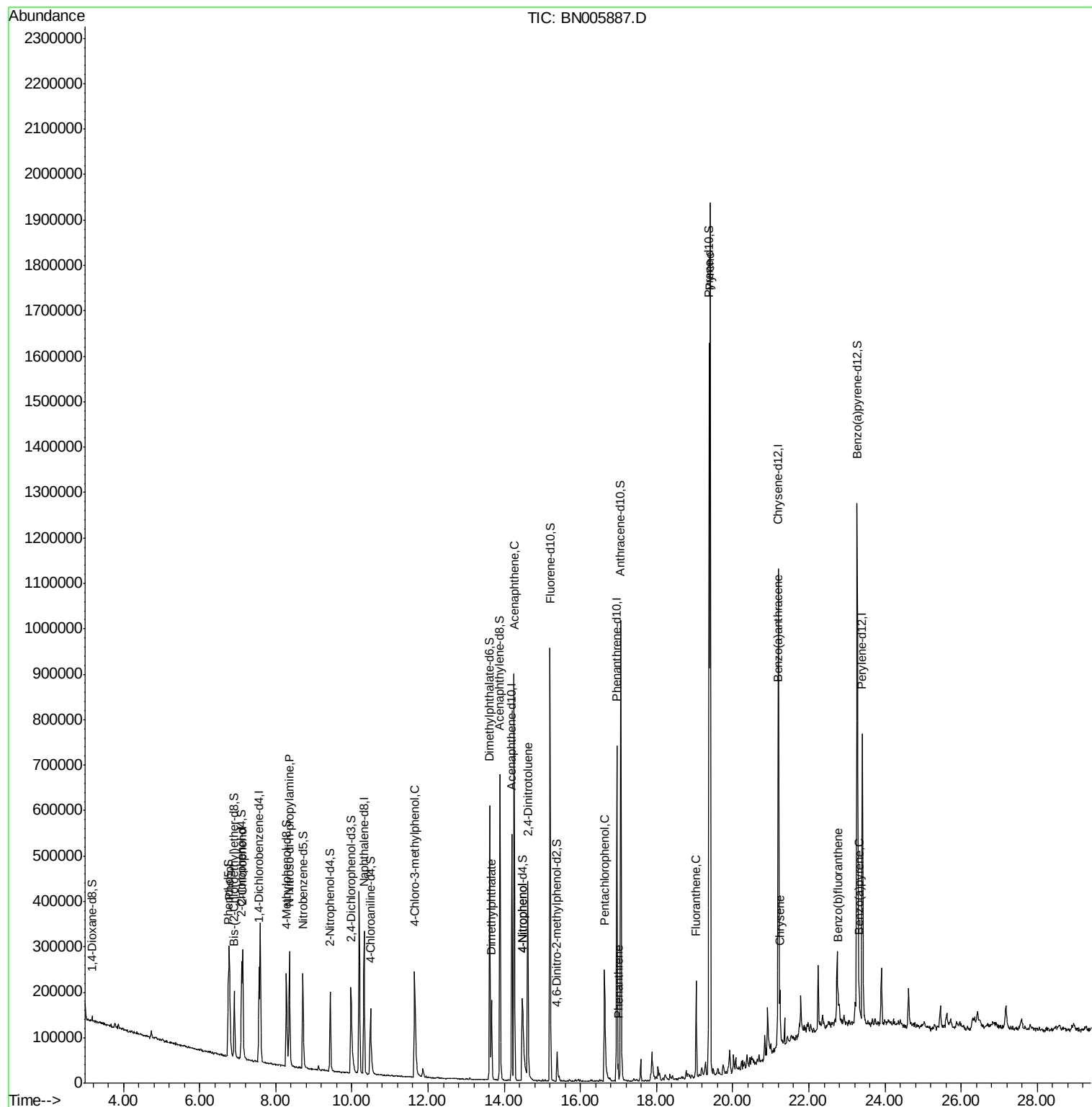
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052319\
Data File : BN005887.D
Acq On : 23 May 2019 18:50
Operator : JU/SJ
Sample : K2923-17MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

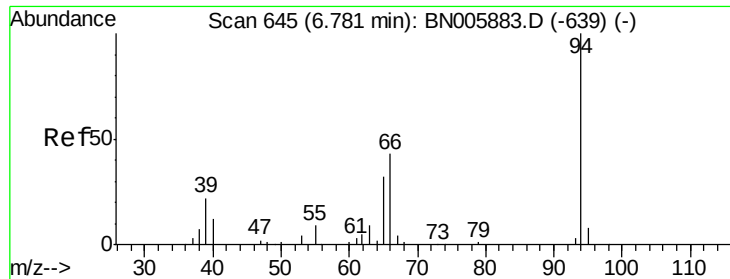
Instrument :
BNA_N
ClientSampleId :
A4263MS

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Quant Time: May 24 05:38:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#6

Phenol

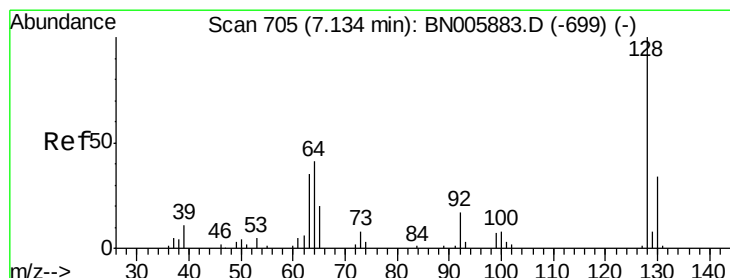
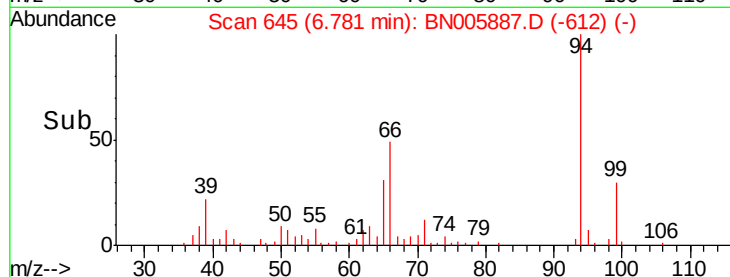
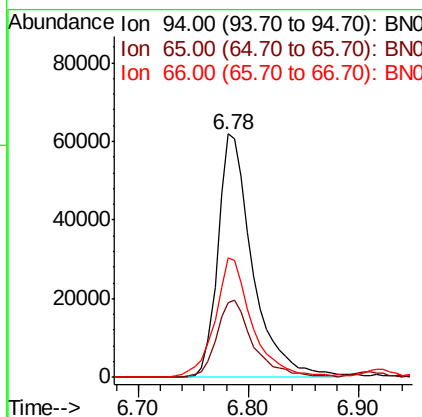
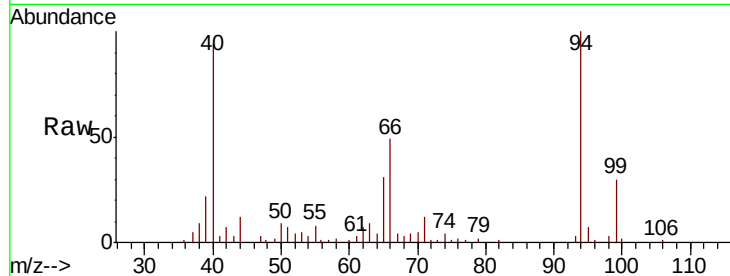
Concen: 28.946 ng/ul
RT: 6.78 min Scan# 645
Delta R.T. -0.01 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Instrument :
BNA_N
ClientSampleId :
A4263MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.9	24.2	36.4
66	48.8	33.8	50.6

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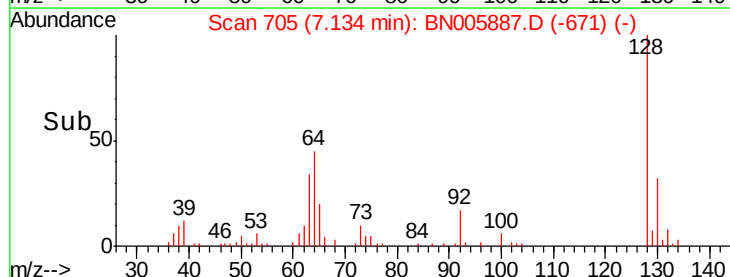
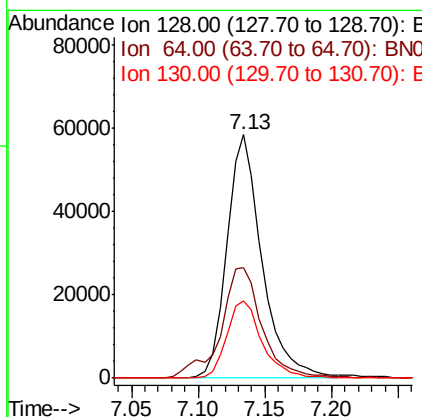
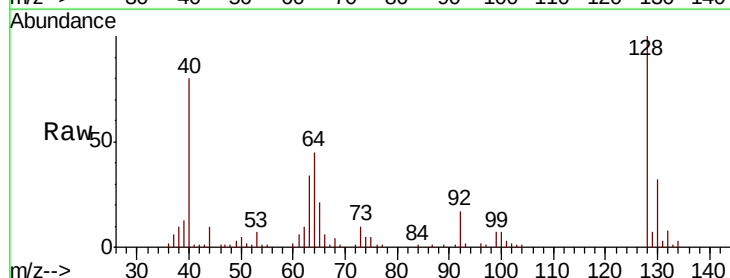


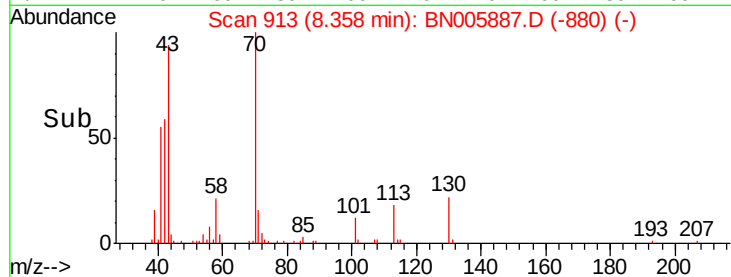
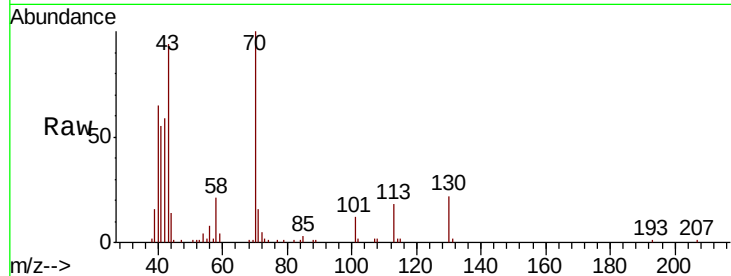
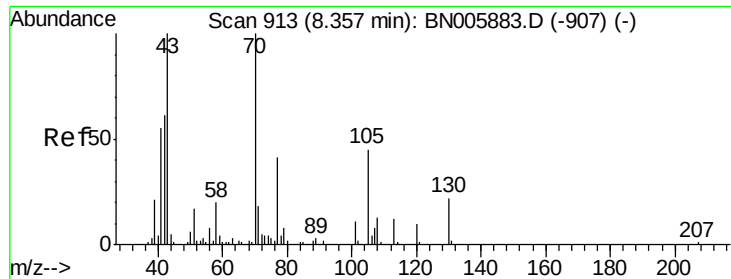
#10

2-Chlorophenol

Concen: 28.644 ng/ul
RT: 7.13 min Scan# 705
Delta R.T. -0.00 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.5	42.3	63.5
130	31.5	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 28.695 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BN005887.D

Acq: 23 May 2019 18:50

Instrument :

BNA_N

ClientSampleId :

A4263MS

Tot Ion: 70 Resp: 86948

Ion Ratio Lower Upper

70 100

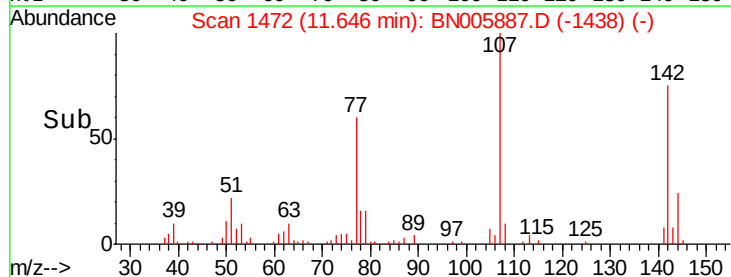
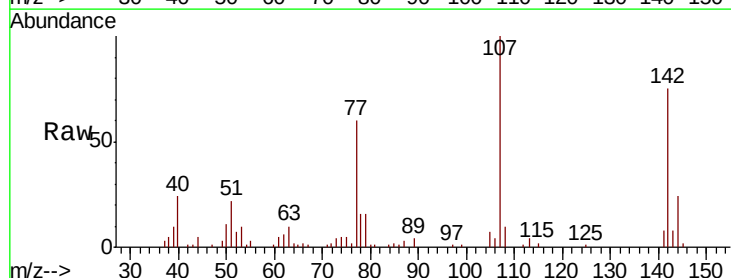
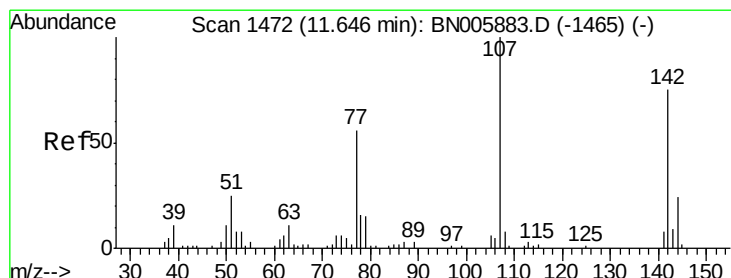
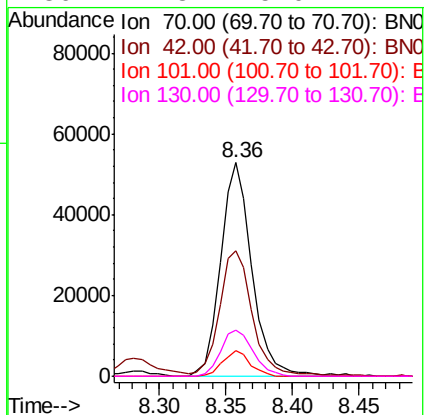
42 58.9 53.8 80.8

101 11.8 7.7 11.5#

130 21.8 15.0 22.4

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#33

4-Chloro-3-methylphenol

Concen: 27.744 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BN005887.D

Acq: 23 May 2019 18:50

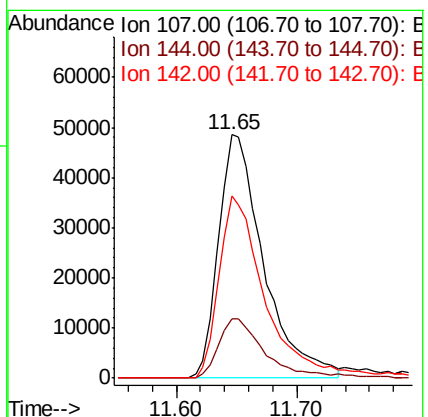
Tgt Ion: 107 Resp: 125970

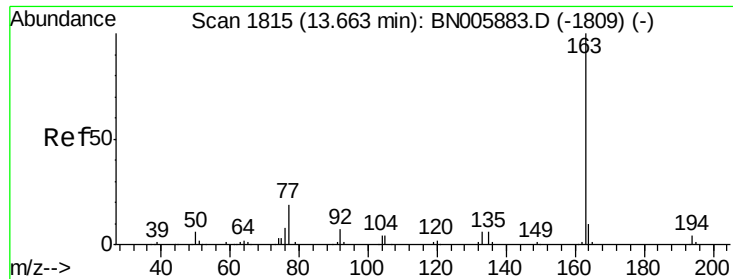
Ion Ratio Lower Upper

107 100

144 24.4 19.4 29.0

142 74.7 57.7 86.5





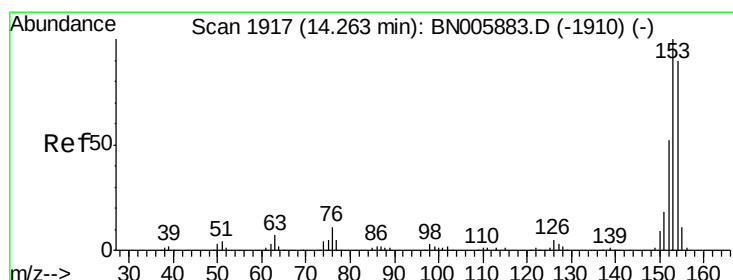
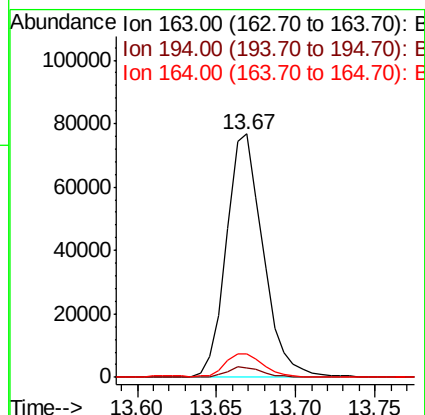
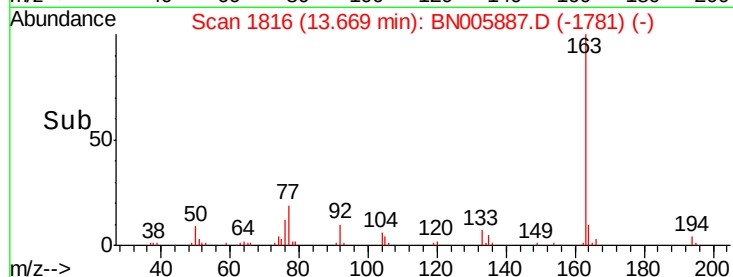
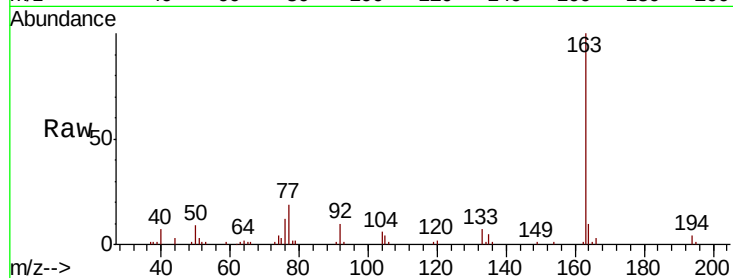
#44
Dimethylphthalate
Concen: 9.092 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Instrument :
BNA_N
ClientSampled :
A4263MS

Tot Ion:	163	Resp:	123283
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1

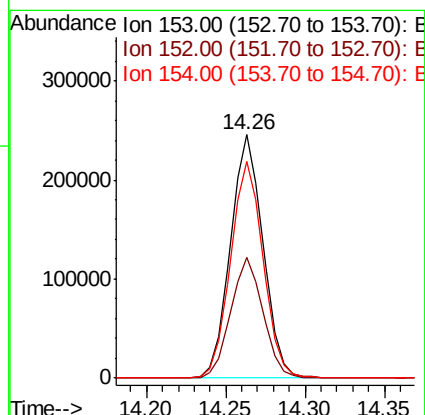
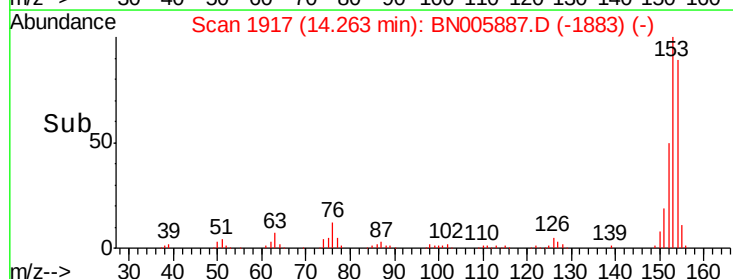
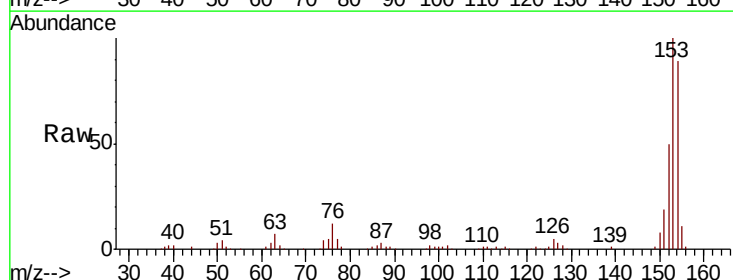
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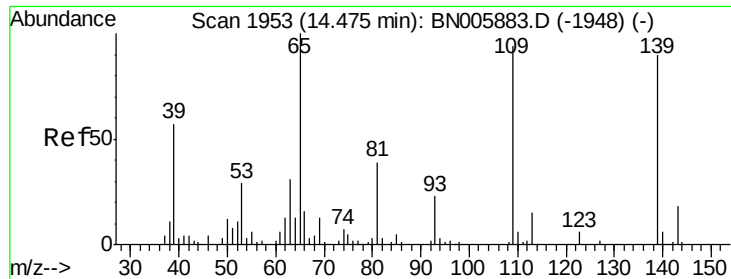
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#49
Acenaphthene
Concen: 32.038 ng/ul
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Tgt Ion:	153	Resp:	349300
Ion Ratio	Lower	Upper	
153	100		
152	49.7	37.4	56.0
154	88.9	71.2	106.8





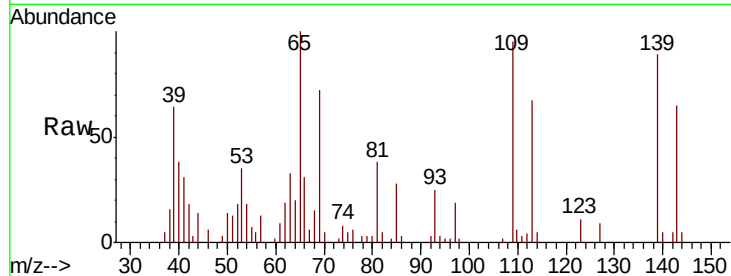
#52
4-Nitrophenol
Concen: 30.435 ng/ul m
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Instrument :
BNA_N
ClientSampleId :
A4263MS

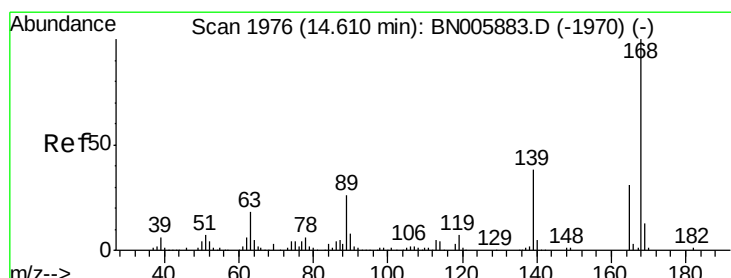
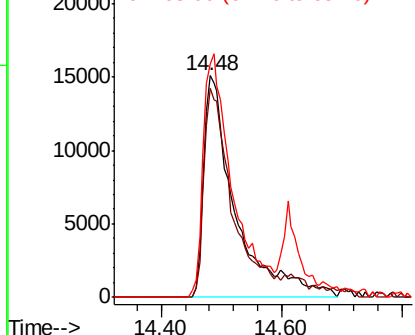
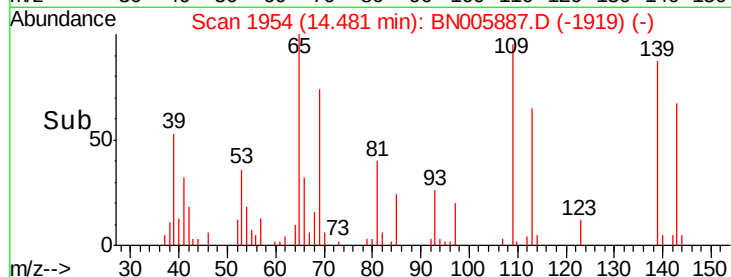
Tot Ion	Ratio	Resp	Lower	Upper
109	100	55071		
139	94.4	92.3	138.5	
65	105.5	97.5	146.3	

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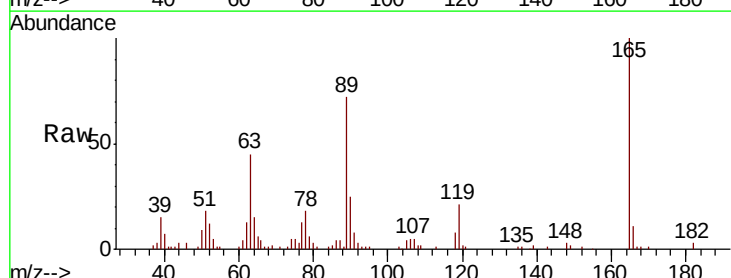


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

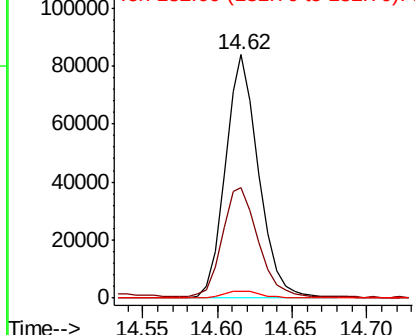
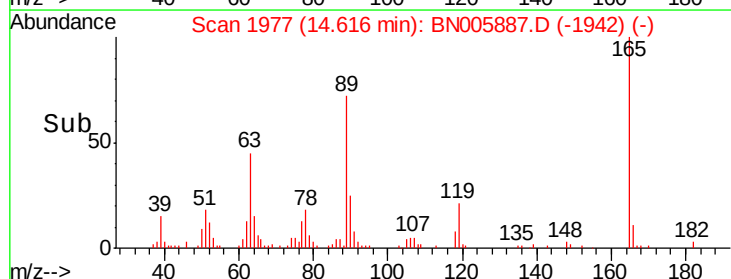


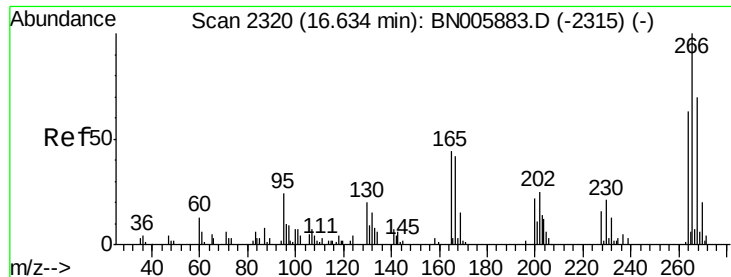
#54
2,4-Dinitrotoluene
Concen: 30.593 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130991		
63	45.2	38.9	58.3	
182	2.6	2.6	3.8	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 182.00 (181.70 to 182.70): E





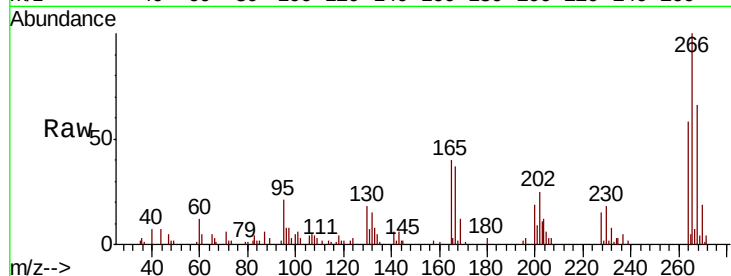
#68
 Pentachlorophenol
 Concen: 27.701 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BN005887.D
 Acq: 23 May 2019 18:50

Instrument :
 BNA_N
 ClientSampleId :
 A4263MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	57.8	49.7	74.5
268	66.3	52.4	78.6

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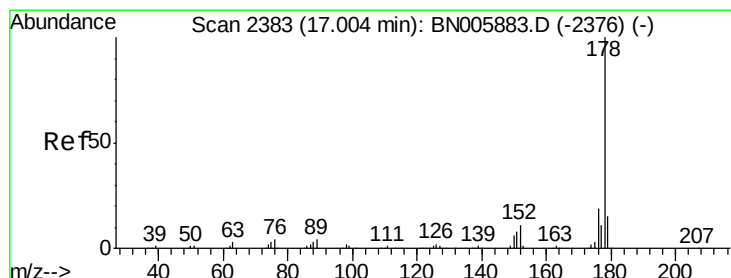
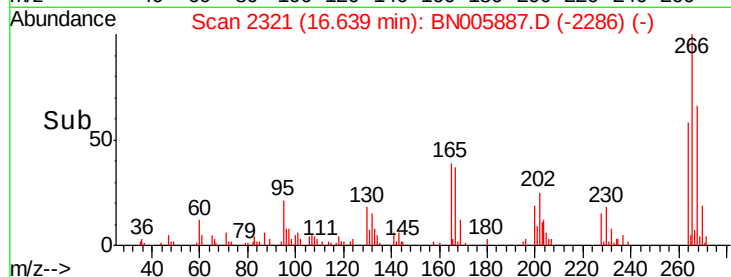
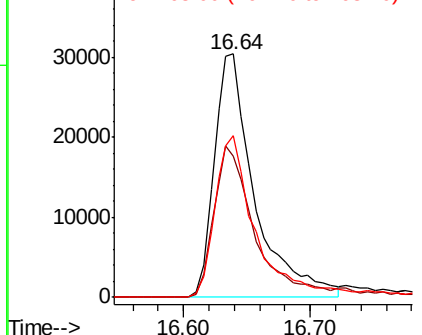


Abundance

Ion 265.70 (265.40 to 266.40): E

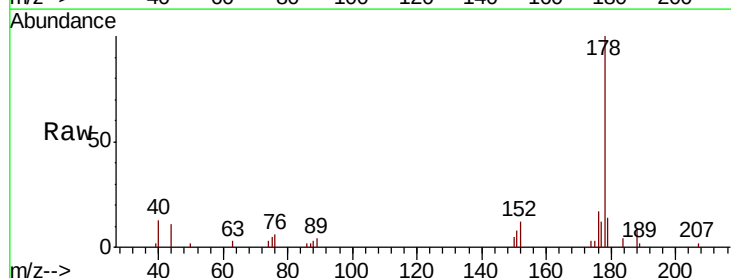
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 1.106 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BN005887.D
 Acq: 23 May 2019 18:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.2	18.4
176	17.3	15.1	22.7

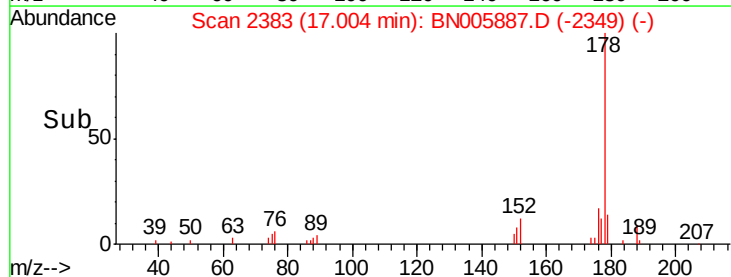
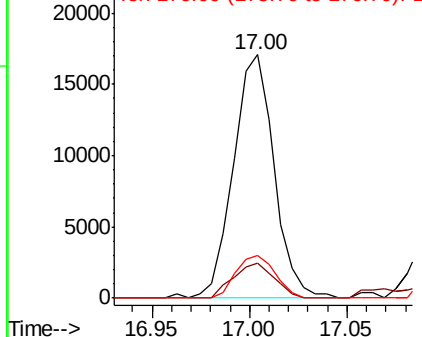


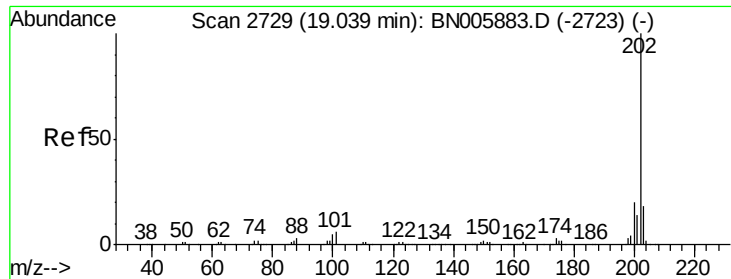
Abundance

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





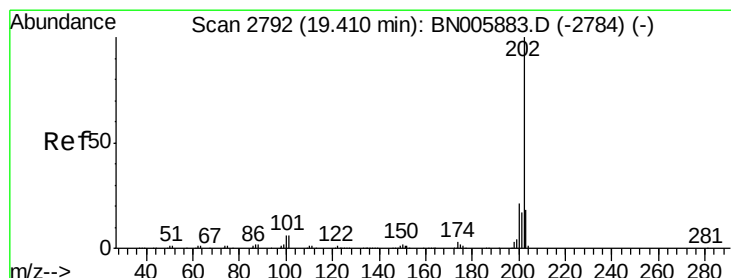
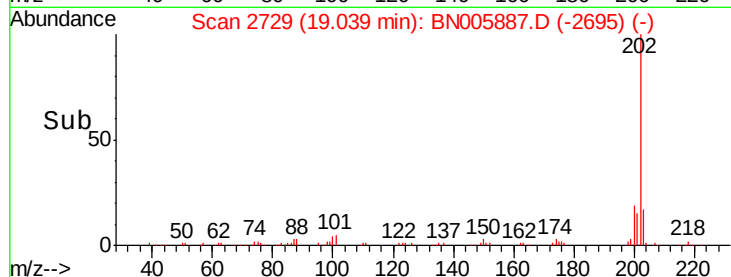
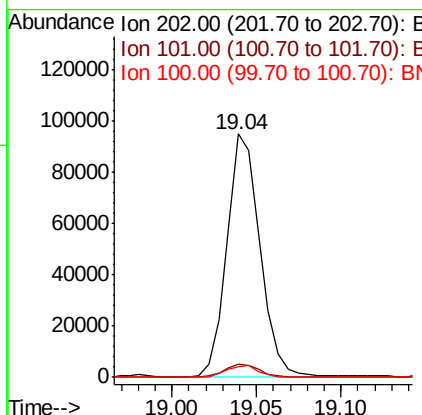
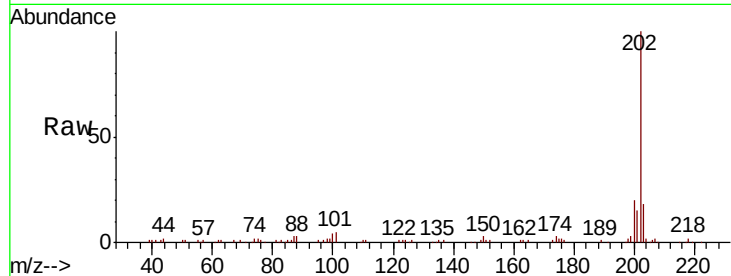
#76
Fluoranthene
Concen: 4.700 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Instrument :
BNA_N
ClientSampleId :
A4263MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.3	8.6	12.8#
100	4.4	6.3	9.5#

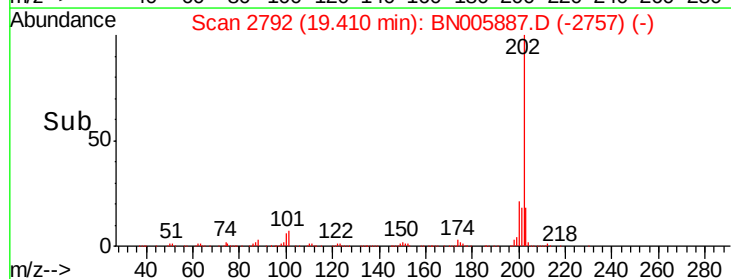
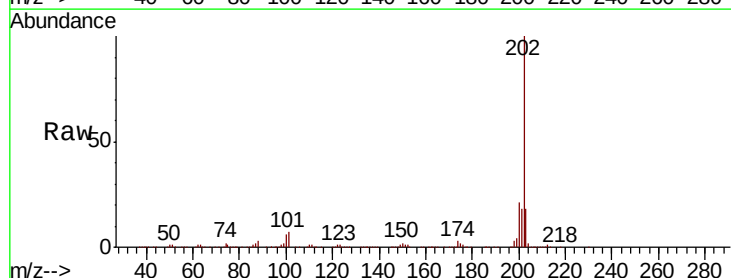
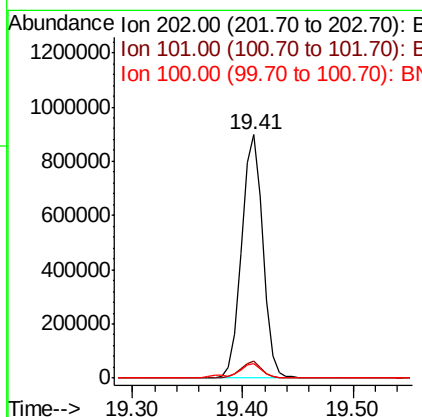
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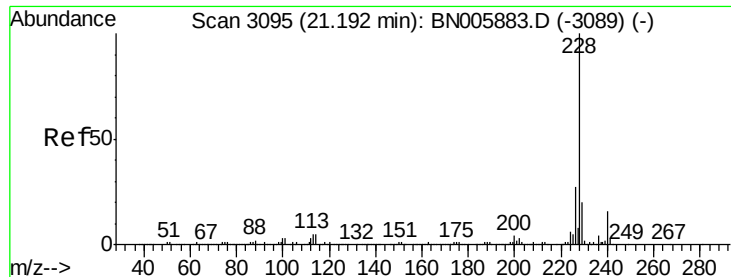
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#79
Pyrene
Concen: 39.088 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BN005887.D
Acq: 23 May 2019 18:50

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.2	10.3	15.5#
100	5.9	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 1.983 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BN005887.D

Acq: 23 May 2019 18:50

Instrument :

BNA_N

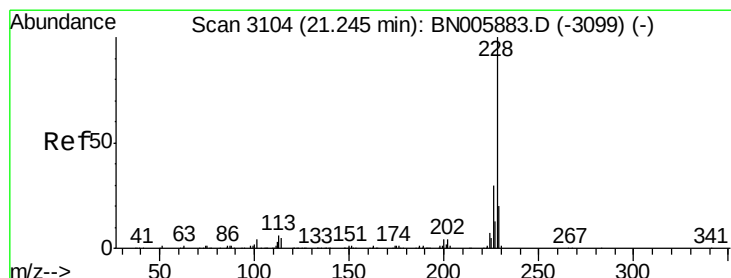
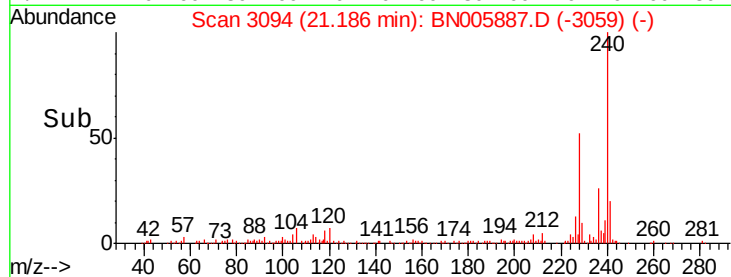
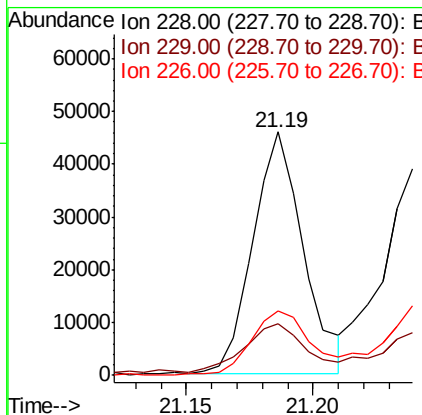
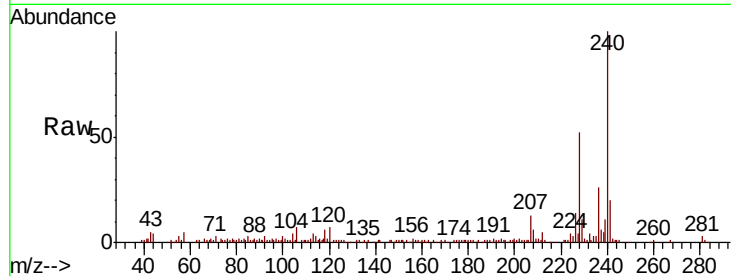
ClientSampleId :

A4263MS

Tot Ion:	228	Resp:	63308
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.6
226	26.7	21.4	32.2

Manual Integrations
APPROVED

Sohil
5/24/2019 5:02:11 PM



#84

Chrysene

Concen: 2.064 ng/ul

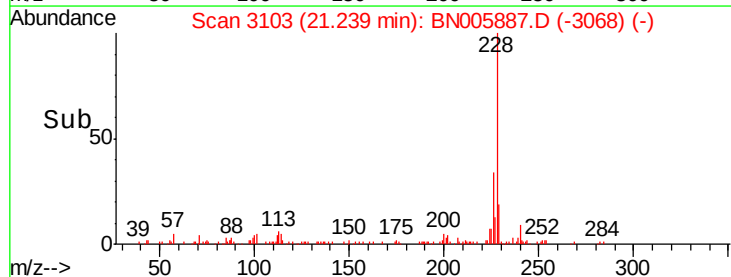
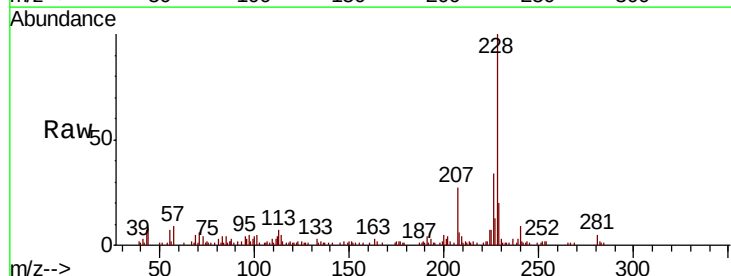
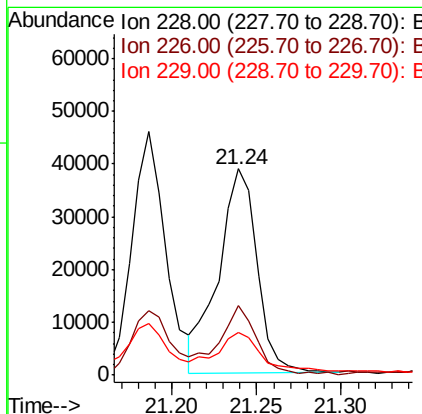
RT: 21.24 min Scan# 3103

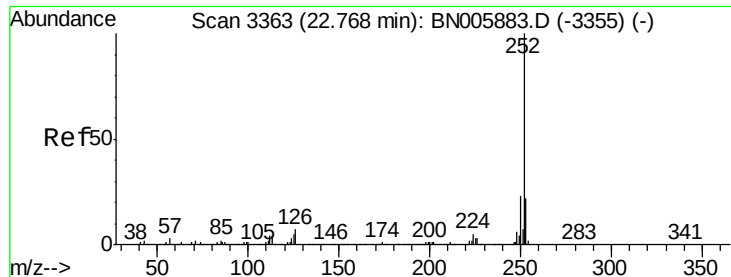
Delta R.T. 0.01 min

Lab File: BN005887.D

Acq: 23 May 2019 18:50

Tgt Ion:	228	Resp:	62113
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.0	36.0
229	20.4	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 2.370 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.02 min

Lab File: BN005887.D

Acq: 23 May 2019 18:50

Instrument :

BNA_N

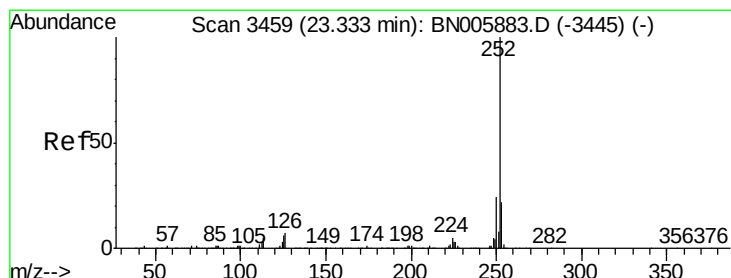
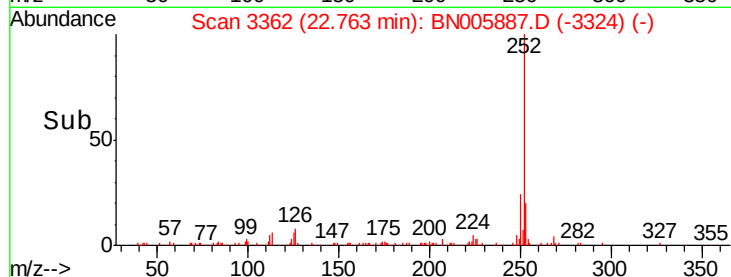
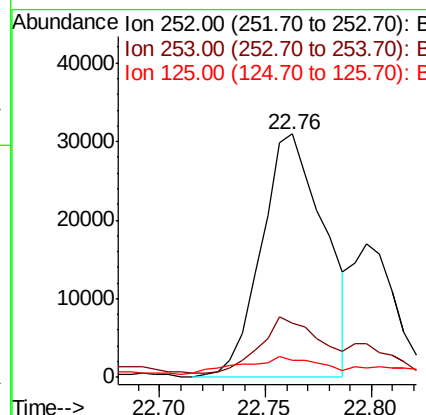
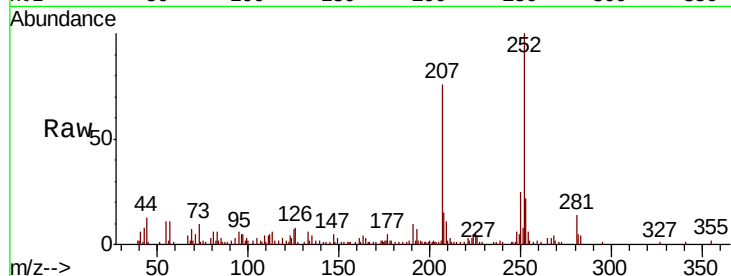
ClientSampleId :

A4263MS

Tot Ion:	252	Resp:	64318
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	7.0	8.4	12.6#

Manual Integrations
APPROVED

Sohil
5/24/2019 5:02:11 PM



#90

Benzo(a)pyrene

Concen: 1.529 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.02 min

Lab File: BN005887.D

Acq: 23 May 2019 18:50

Tgt Ion:	252	Resp:	40167
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	9.8	8.6	13.0

