

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
 Data File : BN005888.D
 Acq On : 23 May 2019 19:25
 Operator : JU/SJ
 Sample : K2923-18MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4263MSD

Manual Integrations
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 5/24/2019 5:02:11 PM

Quant Time: May 24 05:47:40 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	65342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	285518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	193388	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	494440	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	558637	20.00	ng/ul	0.01
85) Perylene-d12	23.40	264	537544	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6151	5.27	ng/uL	0.00
5) Phenol-d5	6.76	99	131583	26.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	75415	28.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	117128	28.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	96437	22.33	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	59567	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	65408	27.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	130621	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	126217	24.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	472635	31.76	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	562101	31.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	48920m	23.34	ng/ul	0.01
57) Fluorene-d10	15.20	176	421588	32.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	24646	8.29	ng/ul	0.02
70) Anthracene-d10	17.06	188	703465	32.93	ng/ul	0.00
78) Pyrene-d10	19.38	212	955572	34.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	880187	36.50	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.79	94	150002	29.140	ng/ul	91
10) 2-Chlorophenol	7.13	128	120555	29.318	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.36	70	97886	29.319	ng/ul	95
33) 4-Chloro-3-methylphenol	11.65	107	138740	27.911	ng/ul	97
44) Dimethylphthalate	13.67	163	135580	9.241	ng/ul	99
49) Acenaphthene	14.26	153	392262	33.253	ng/ul	98
52) 4-Nitrophenol	14.48	109	61691m	31.512	ng/ul	
54) 2,4-Dinitrotoluene	14.62	165	149098	32.185	ng/ul	98
68) Pentachlorophenol	16.63	266	74956	27.970	ng/ul	98
69) Phenanthrene	17.00	178	27872	1.137	ng/ul	99
76) Fluoranthene	19.05	202	142192	4.693	ng/ul#	89
79) Pyrene	19.41	202	1345190	39.212	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	71474	2.031	ng/ul	95
84) Chrysene	21.24	228	66986	2.019	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	72672	2.457	ng/ul#	95
90) Benzo(a)pyrene	23.32	252	46204	1.613	ng/ul	98

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

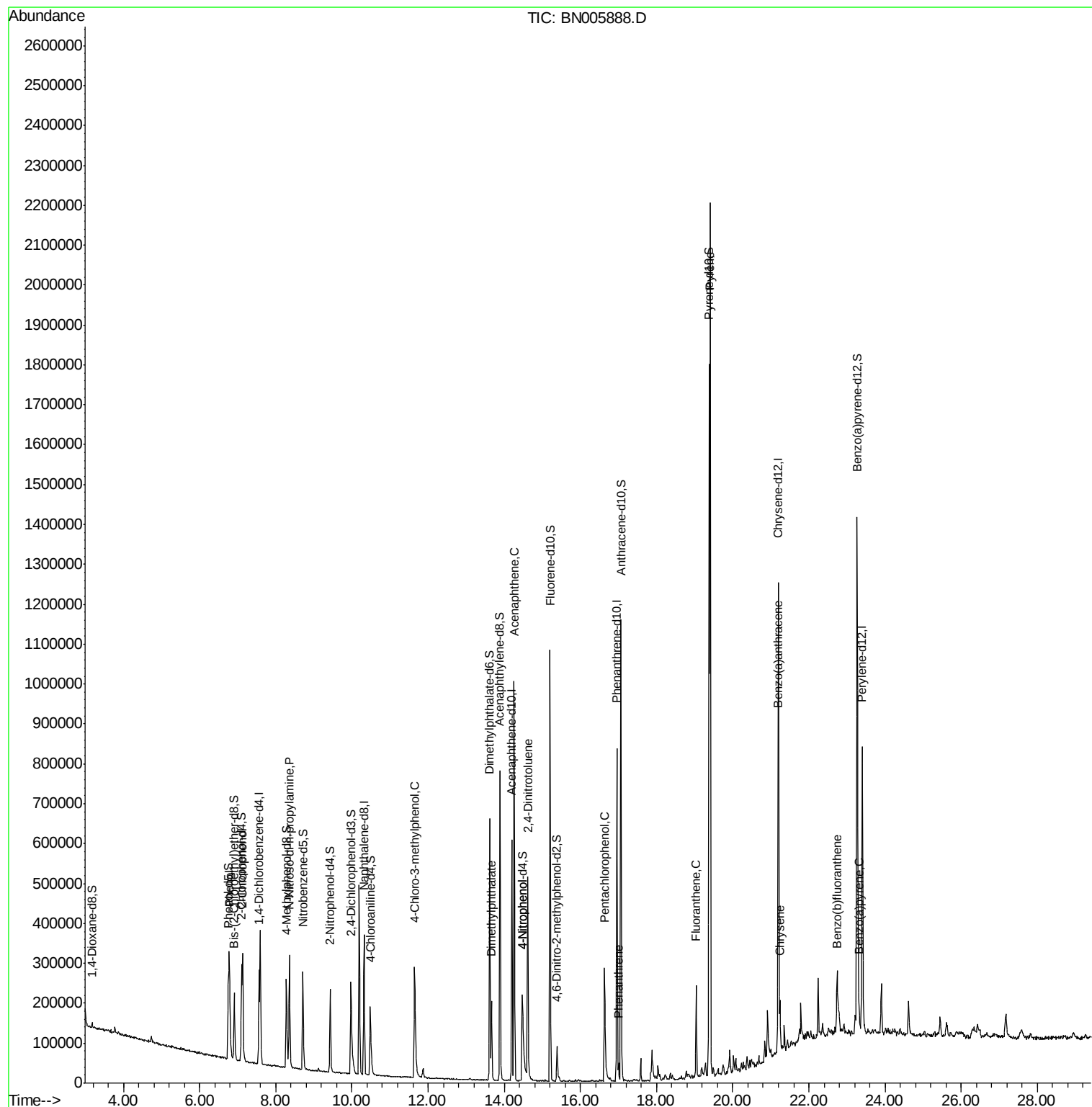
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052319\
Data File : BN005888.D
Acq On : 23 May 2019 19:25
Operator : JU/SJ
Sample : K2923-18MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

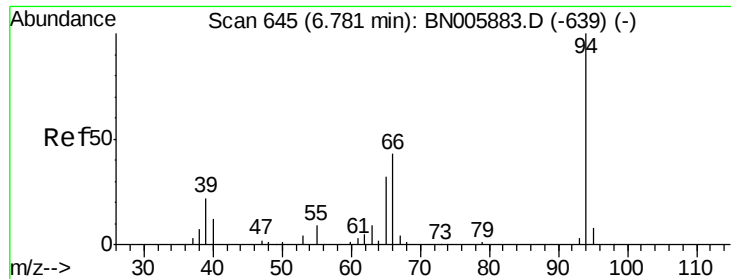
Instrument :
BNA_N
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Quant Time: May 24 05:47:40 2019
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#6

Phenol

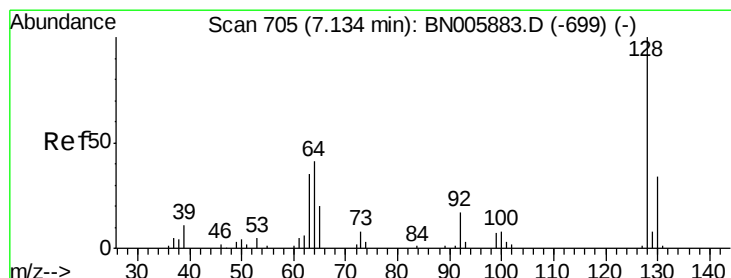
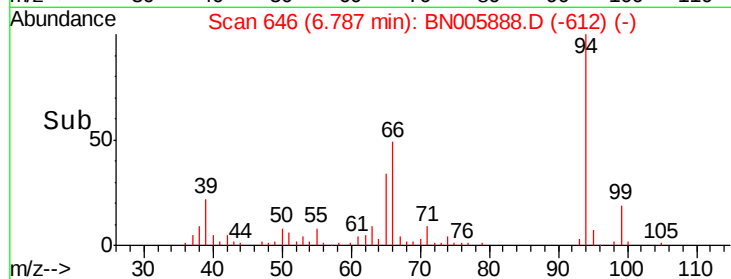
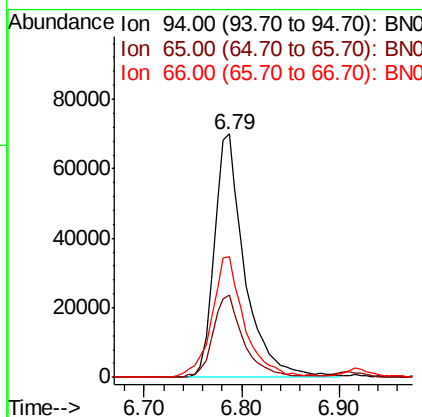
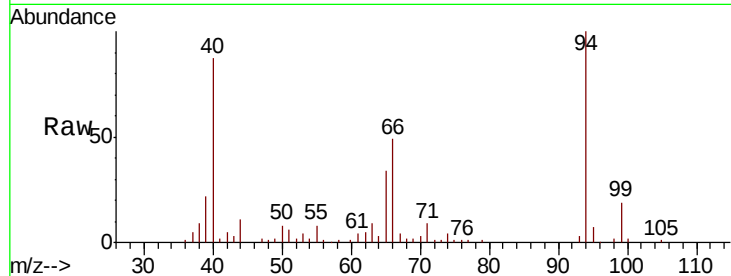
Concen: 29.140 ng/ul
 RT: 6.79 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BN005888.D
 Acq: 23 May 2019 19:25

Instrument :
 BNA_N
 ClientSampleId :
 A4263MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.6	24.2	36.4
66	49.5	33.8	50.6

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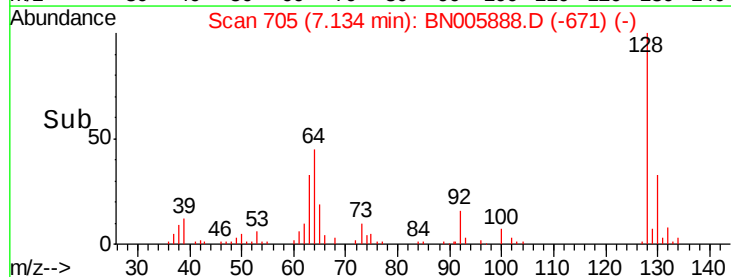
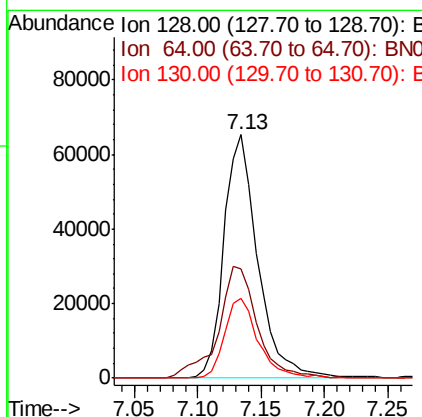
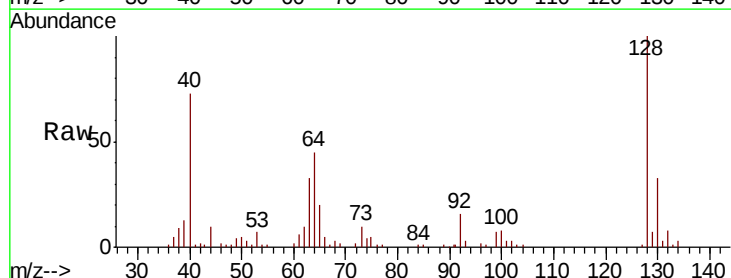


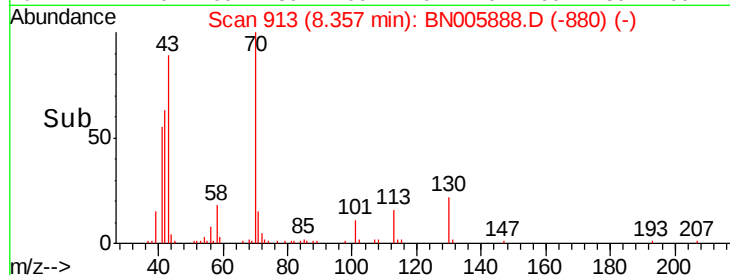
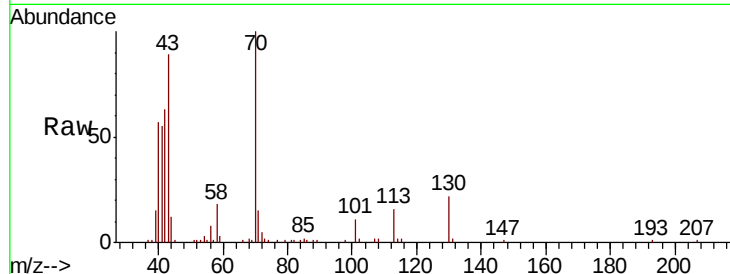
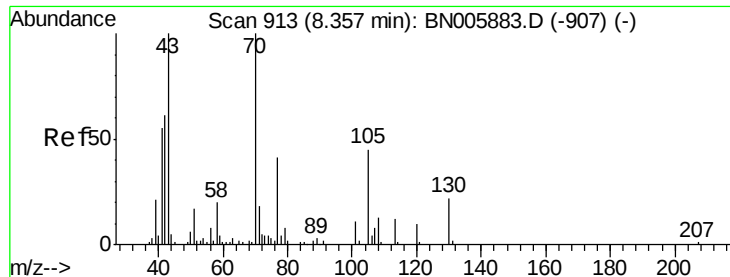
#10

2-Chlorophenol

Concen: 29.318 ng/ul
 RT: 7.13 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BN005888.D
 Acq: 23 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
128	100		
64	45.1	42.3	63.5
130	32.6	26.5	39.7





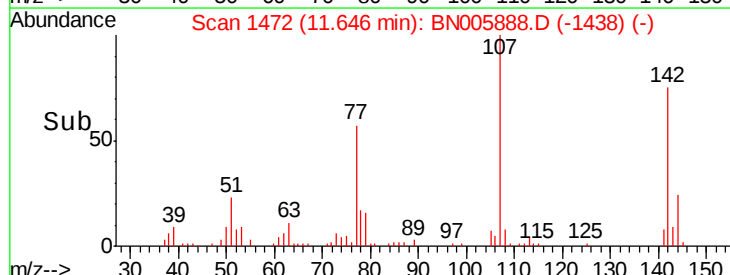
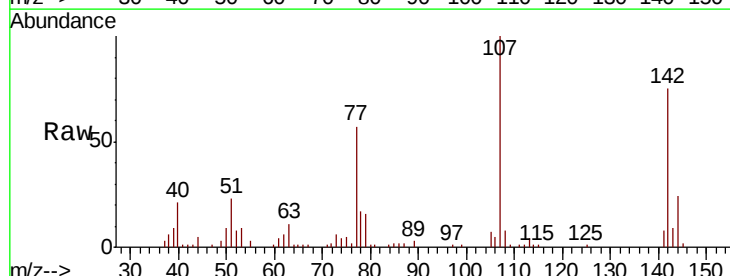
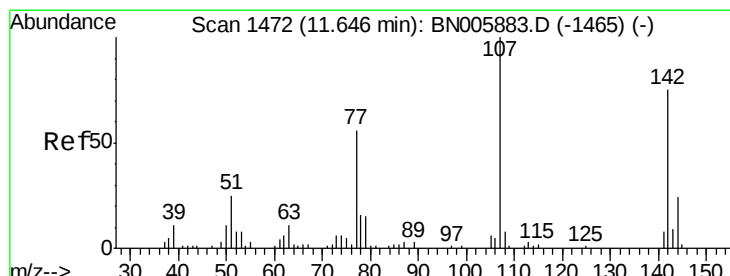
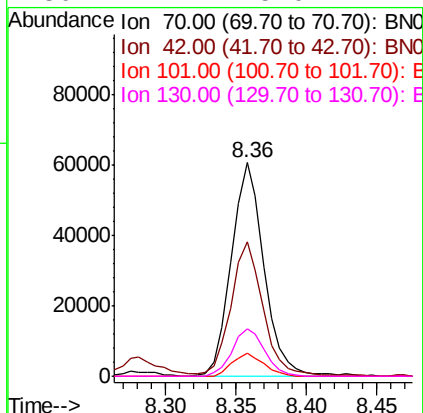
#15
N-Nitroso-di-n-propylamine
Concen: 29.319 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. -0.01 min
Lab File: BN005888.D
Acq: 23 May 2019 19:25

Instrument :
BNA_N
ClientSampleId :
A4263MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	53.8	80.8
101	10.6	7.7	11.5
130	22.1	15.0	22.4

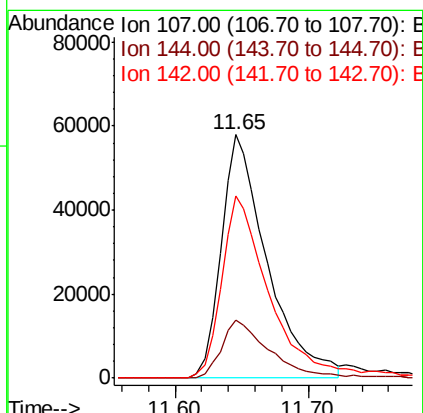
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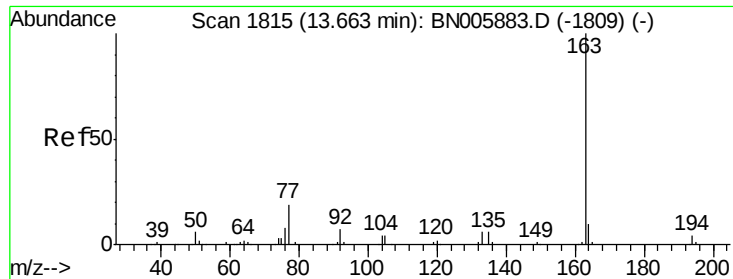
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#33
4-Chloro-3-methylphenol
Concen: 27.911 ng/ul
RT: 11.65 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN005888.D
Acq: 23 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.4	29.0
142	74.8	57.7	86.5





#44

Dimethylphthalate

Concen: 9.241 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BN005888.D

Acq: 23 May 2019 19:25

Instrument :

BNA_N

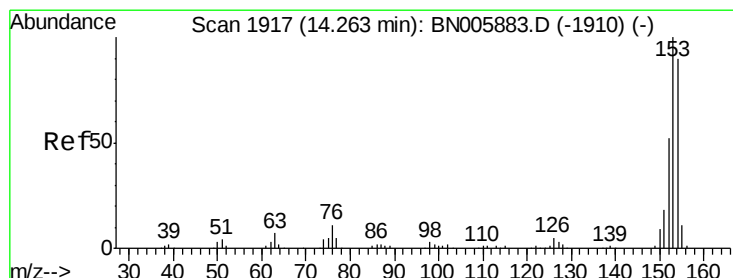
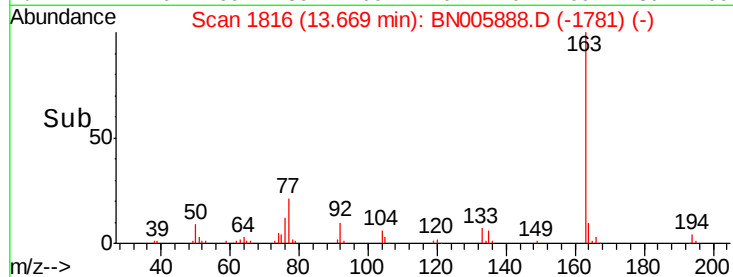
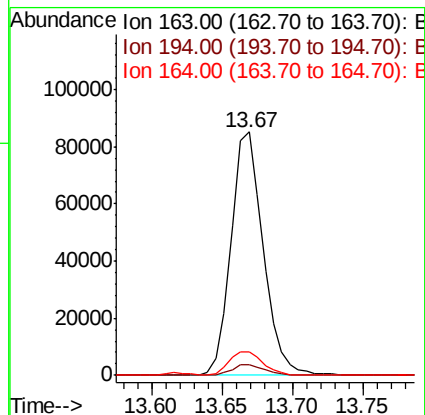
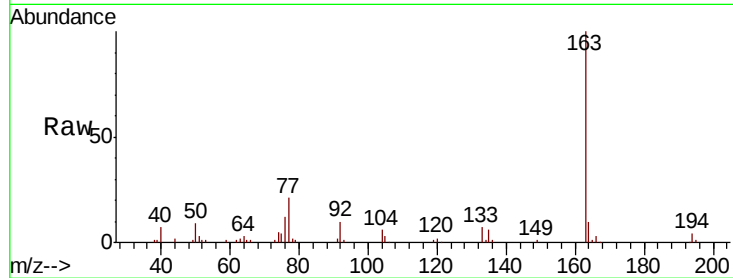
ClientSampled :

A4263MSD

Tot Ion:	163	Resp:	135580
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	9.8	8.1	12.1

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#49

Acenaphthene

Concen: 33.253 ng/ul

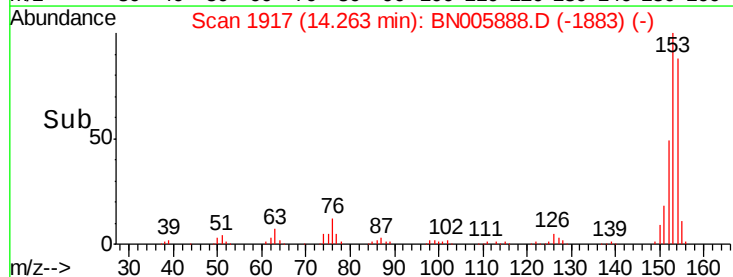
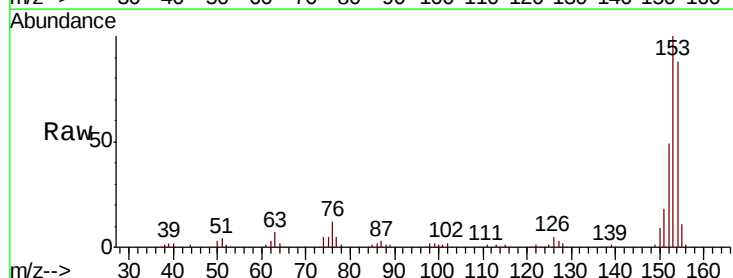
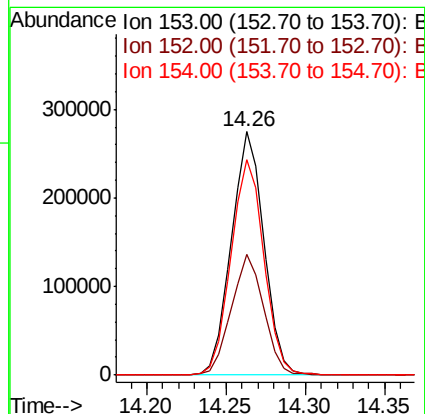
RT: 14.26 min Scan# 1917

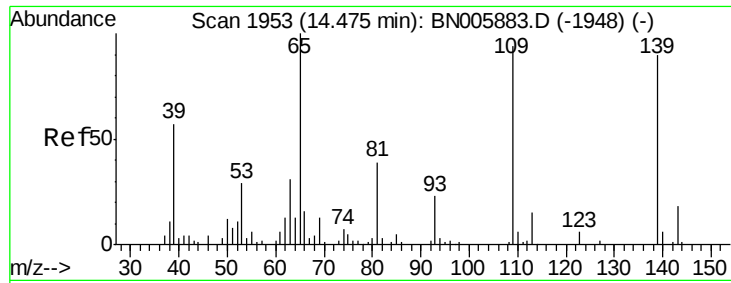
Delta R.T. -0.00 min

Lab File: BN005888.D

Acq: 23 May 2019 19:25

Tgt Ion:	153	Resp:	392262
Ion Ratio	Lower	Upper	
153	100		
152	49.4	37.4	56.0
154	88.4	71.2	106.8





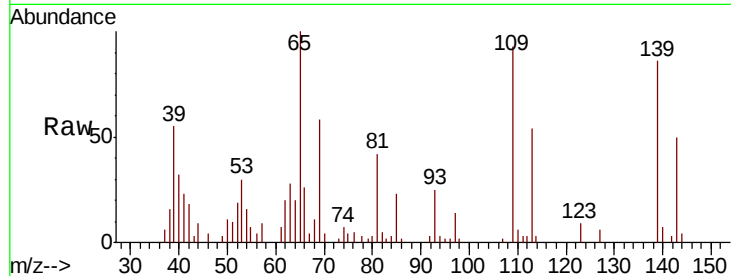
#52
4-Nitrophenol
Concen: 31.512 ng/ul m
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BN005888.D
Acq: 23 May 2019 19:25

Instrument :
BNA_N
ClientSampled :
A4263MSD

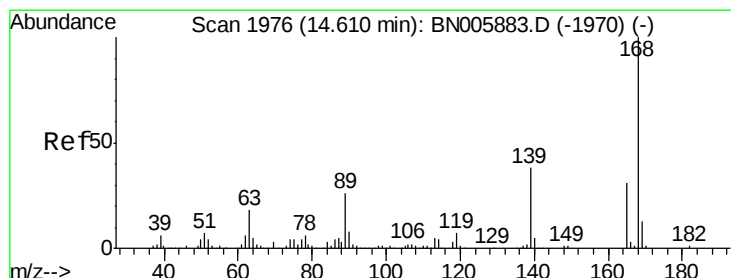
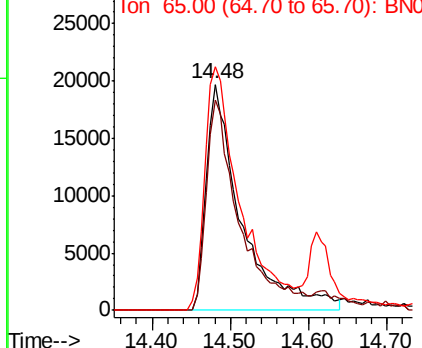
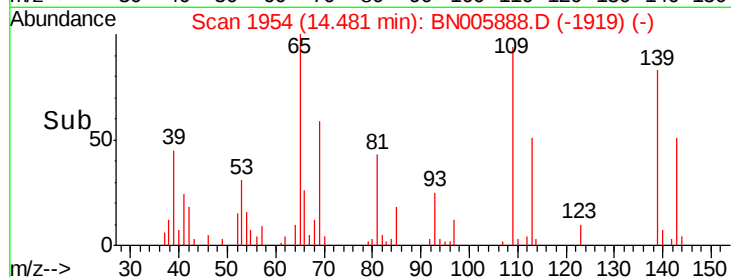
Tot Ion	Ratio	Lower	Upper
109	100		
139	93.1	92.3	138.5
65	107.7	97.5	146.3

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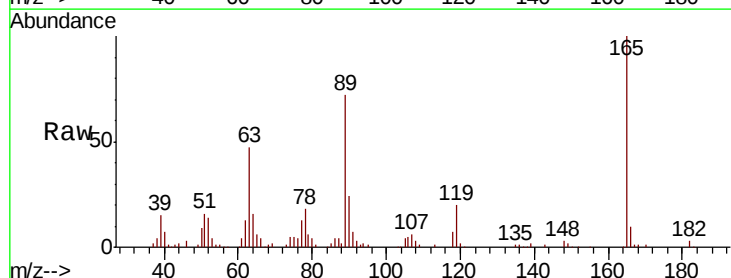


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

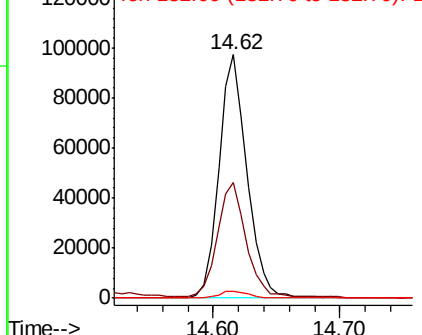
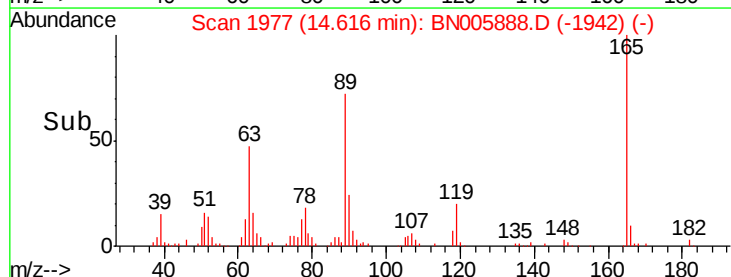


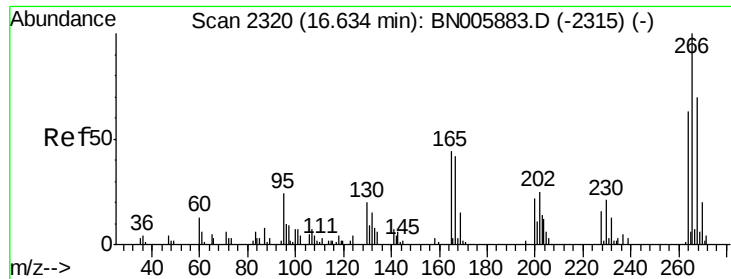
#54
2,4-Dinitrotoluene
Concen: 32.185 ng/ul
RT: 14.62 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BN005888.D
Acq: 23 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	38.9	58.3
182	3.0	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





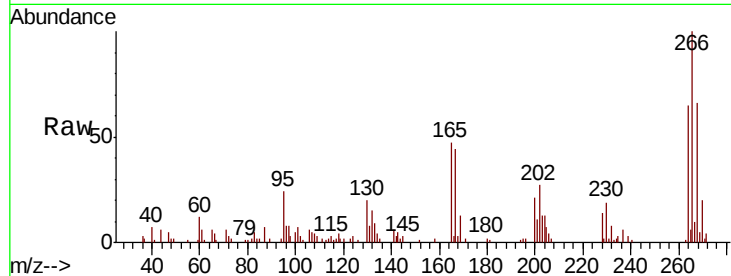
#68
 Pentachlorophenol
 Concen: 27.970 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BN005888.D
 Acq: 23 May 2019 19:25

Instrument :
 BNA_N
 ClientSampleId :
 A4263MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	74956		
264	65.1	49.7	74.5	
268	65.5	52.4	78.6	

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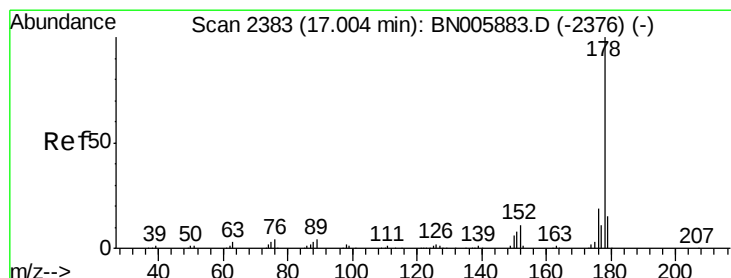
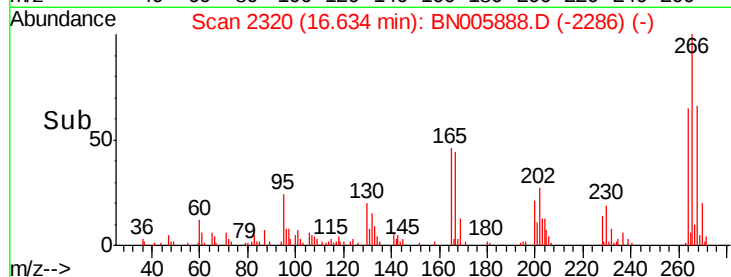
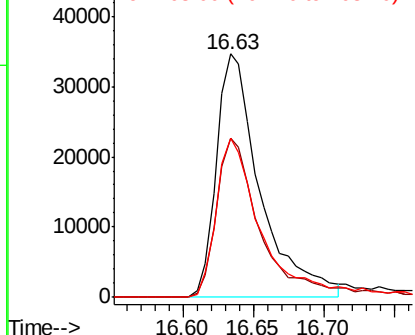


Abundance

Ion 265.70 (265.40 to 266.40): E

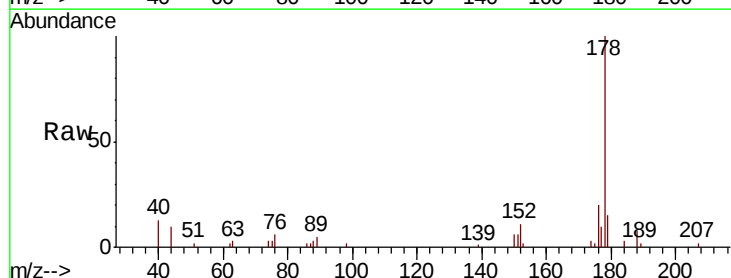
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 1.137 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BN005888.D
 Acq: 23 May 2019 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	27872		
179	15.3	12.2	18.4	
176	19.8	15.1	22.7	

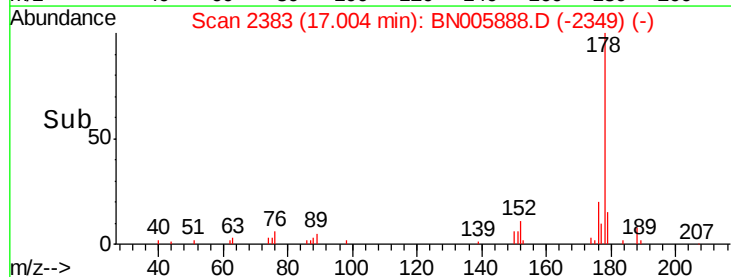
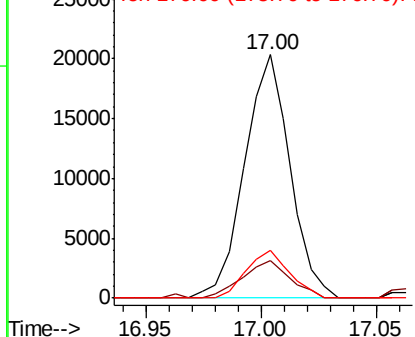


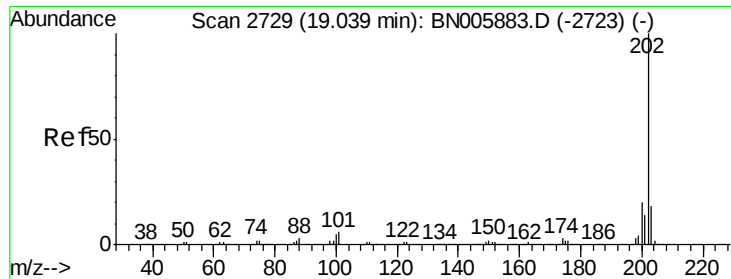
Abundance

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





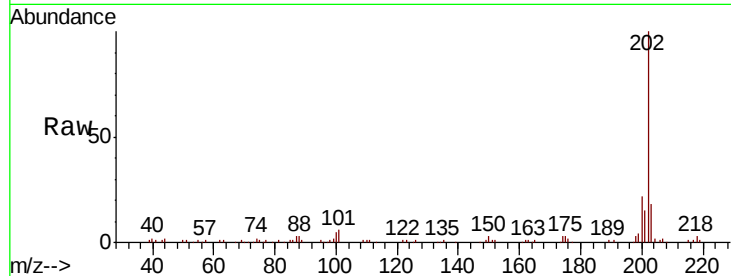
#76
 Fluoranthene
 Concen: 4.693 ng/ul
 RT: 19.05 min Scan# 2730
 Delta R.T. 0.01 min
 Lab File: BN005888.D
 Acq: 23 May 2019 19:25

Instrument :
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 ClientSampleId :
 A4263MSD

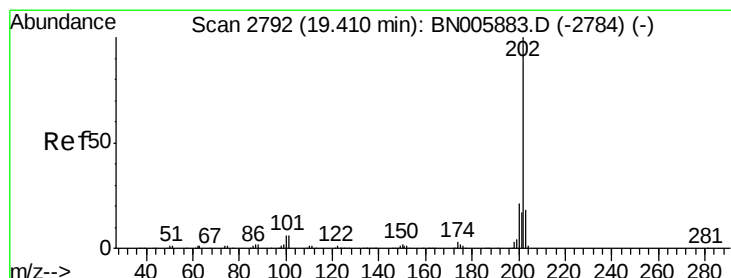
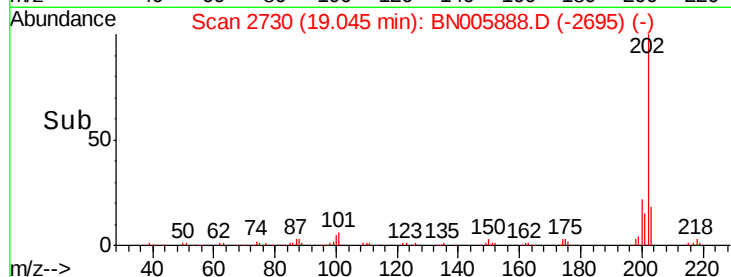
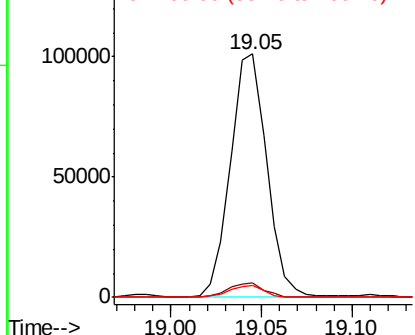
Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	6.1	8.6	12.8#	
100	4.8	6.3	9.5#	

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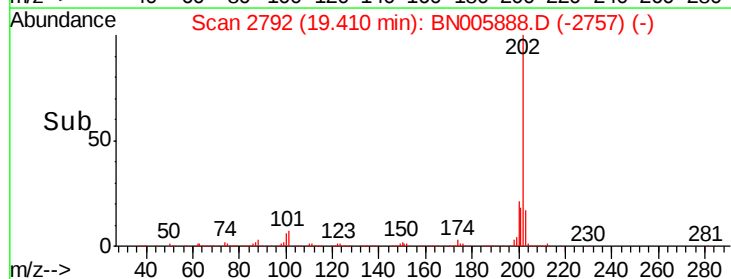
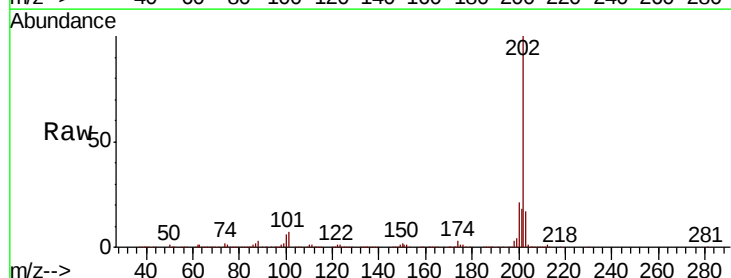
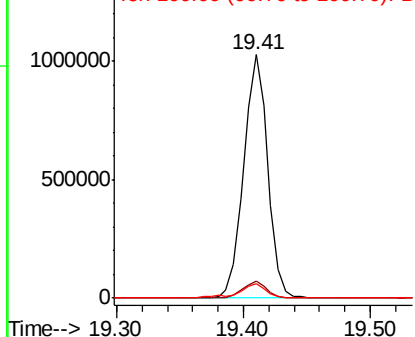
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

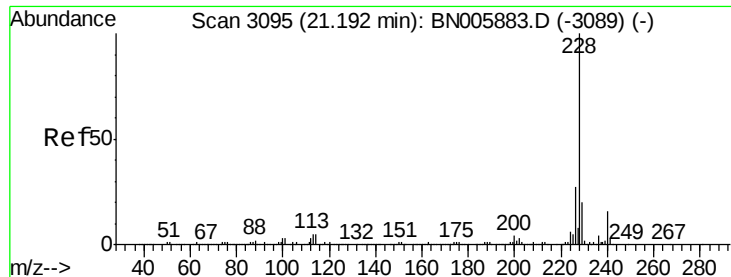


#79
 Pyrene
 Concen: 39.212 ng/ul
 RT: 19.41 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BN005888.D
 Acq: 23 May 2019 19:25

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
202	100			
101	6.9	10.3	15.5#	
100	5.9	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: 2.031 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BN005888.D

Acq: 23 May 2019 19:25

Instrument :

BNA_N

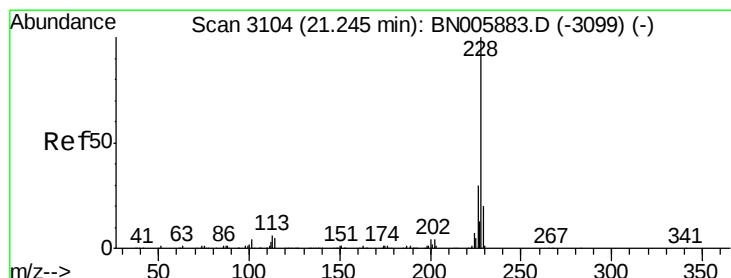
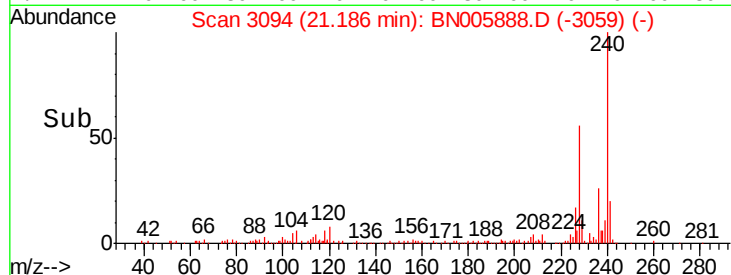
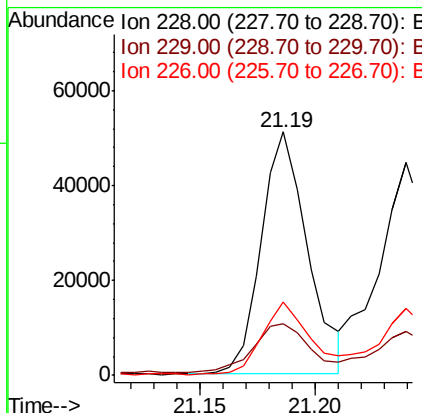
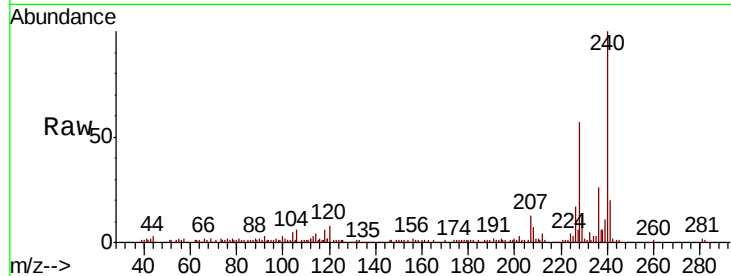
ClientSampleId :

A4263MSD

Tot Ion:	228	Resp:	71474
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.6
226	29.9	21.4	32.2

Manual Integrations
APPROVED

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



#84

Chrysene

Concen: 2.019 ng/ul

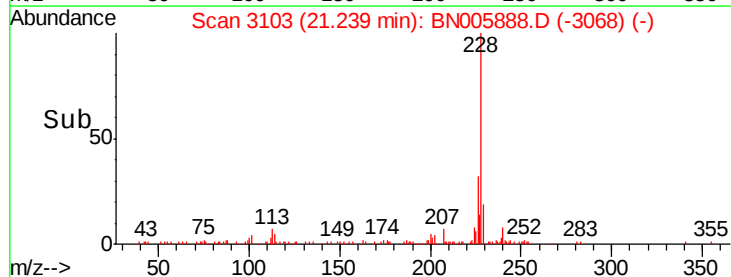
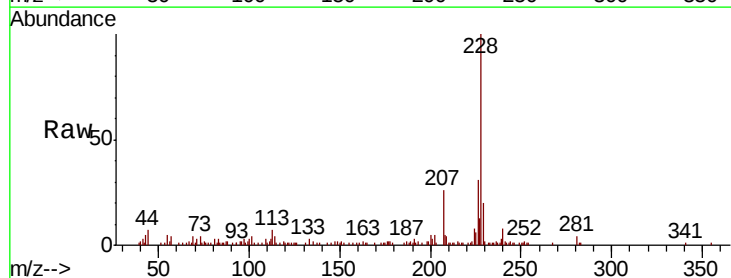
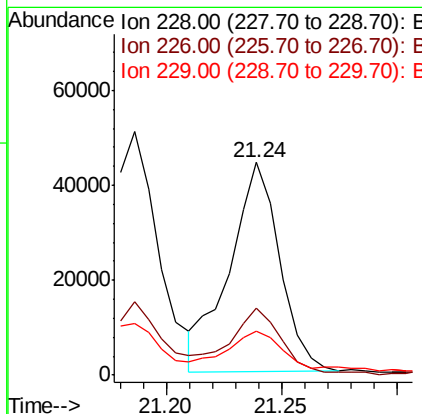
RT: 21.24 min Scan# 3103

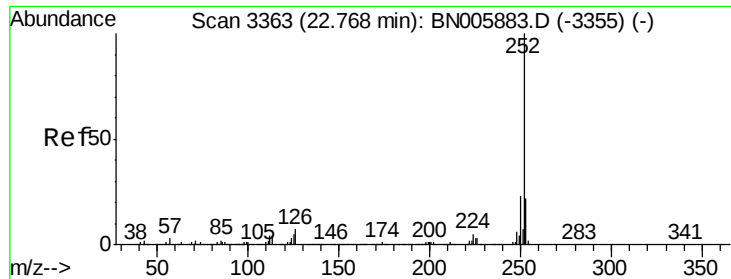
Delta R.T. 0.01 min

Lab File: BN005888.D

Acq: 23 May 2019 19:25

Tgt Ion:	228	Resp:	66986
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.0	36.0
229	20.4	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 2.457 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.02 min

Lab File: BN005888.D

Acq: 23 May 2019 19:25

Instrument :

BNA_N

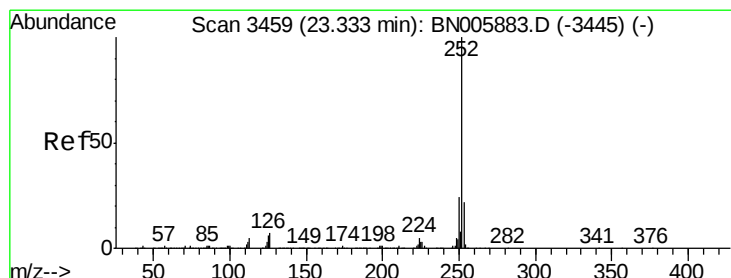
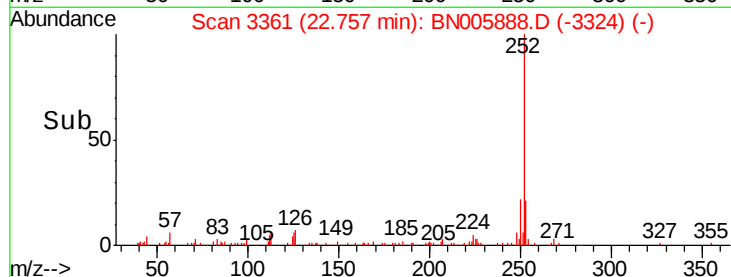
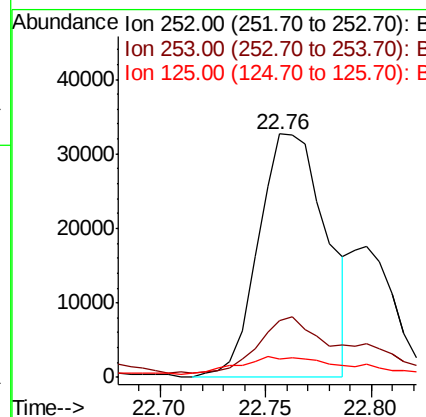
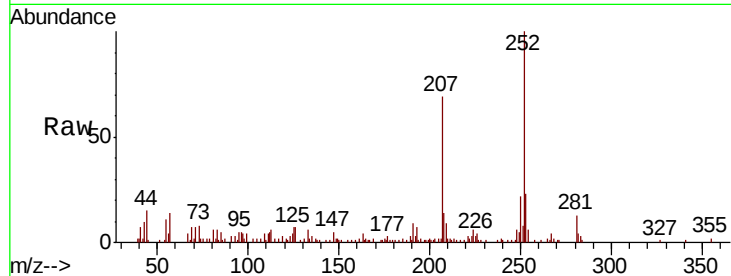
ClientSampleId :

A4263MSD

Tot Ion:	252	Resp:	72672
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	7.4	8.4	12.6

Manual Integrations
APPROVED

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



#90

Benzo(a)pyrene

Concen: 1.613 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.02 min

Lab File: BN005888.D

Acq: 23 May 2019 19:25

Tgt Ion:	252	Resp:	46204
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.3	25.9
125	9.1	8.6	13.0

