

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
 Data File : BN005900.D
 Acq On : 24 May 2019 21:10
 Operator : JU/SJ
 Sample : K2928-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42D2

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:54:50 AM

Quant Time: May 24 23:59:10 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	74378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	316857	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	219254	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	578840	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	641430	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	716441	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	5183	3.90	ng/uL	-0.01
5) Phenol-d5	6.78	99	74515	12.96	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.90	67	54052	18.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	72558	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	52357	10.65	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	38355	16.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	40615	15.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	78613m	15.51	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	76825m	13.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	349447	20.71	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	360680	17.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	16911m	7.12	ng/ul	0.08
57) Fluorene-d10	15.20	176	288559	19.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	11713	3.37	ng/ul	0.02
70) Anthracene-d10	17.06	188	463212	18.52	ng/ul	0.00
78) Pyrene-d10	19.37	212	595455	18.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	607823	18.91	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	151429	9.104	ng/ul	99
69) Phenanthrene	17.00	178	139151	4.850	ng/ul	99
76) Fluoranthene	19.04	202	171380	4.831	ng/ul#	88
79) Pyrene	19.40	202	156210	3.966	ng/ul#	86
82) Benzo(a)anthracene	21.17	228	85103	2.106	ng/ul#	94
84) Chrysene	21.23	228	106544	2.797	ng/ul#	96
87) Benzo(b)fluoranthene	22.74	252	96704	2.454	ng/ul#	97
90) Benzo(a)pyrene	23.30	252	65168m	1.707	ng/ul	

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

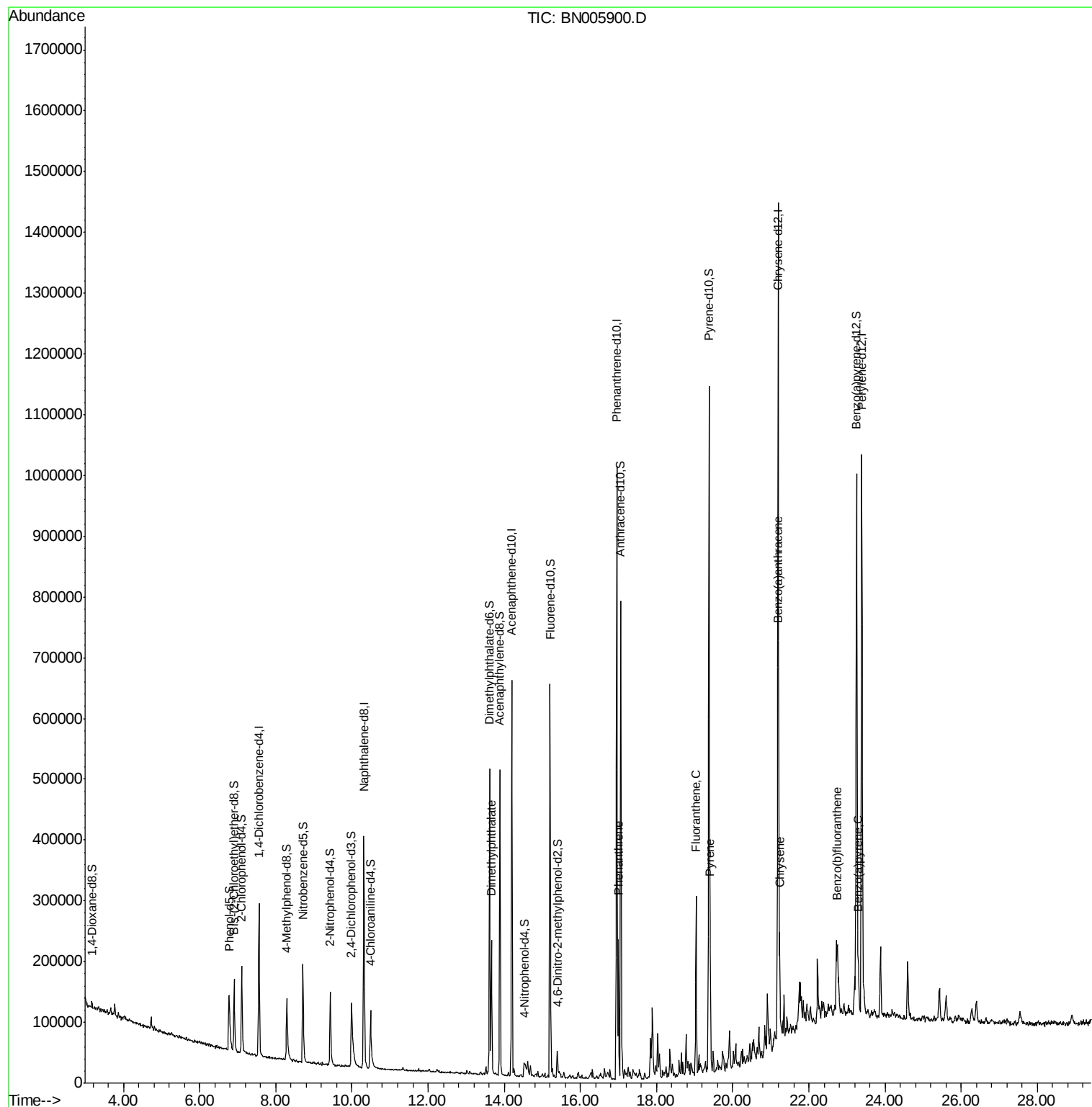
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
Data File : BN005900.D
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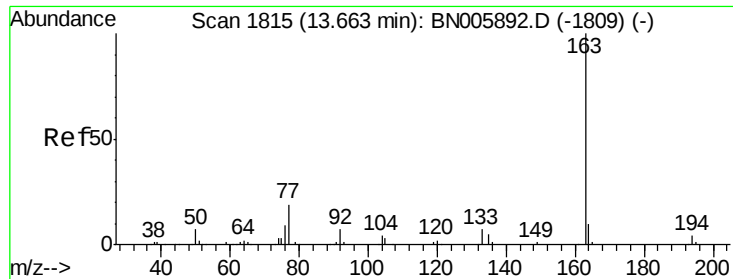
Instrument :
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Quant Title : SVOA CALIBRATION
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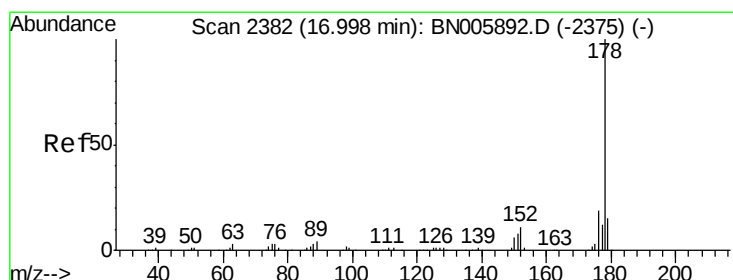
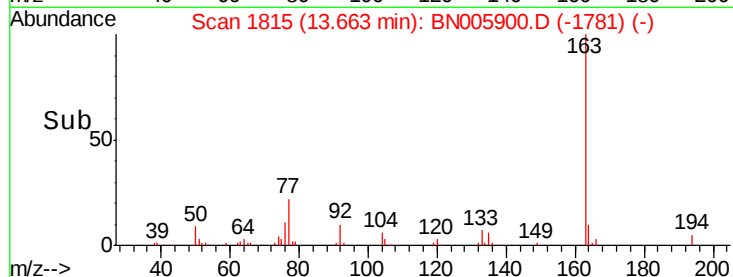
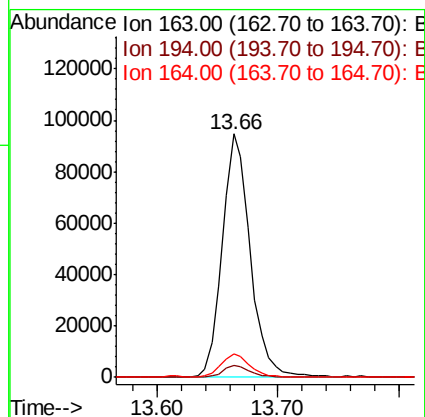
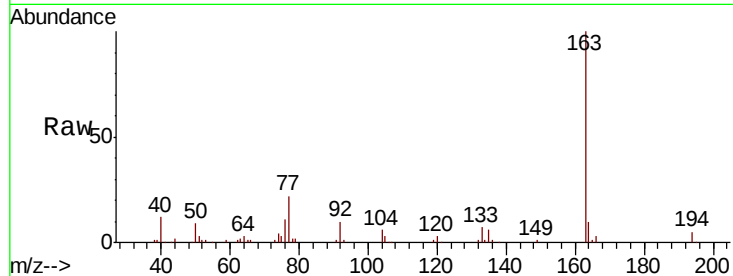
#44
Dimethylphthalate
Concen: 9.104 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN005900.D
Acq: 24 May 2019 21:10

Instrument :
BNA_N
ClientSampleId :
A42D2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	9.6	8.1	12.1

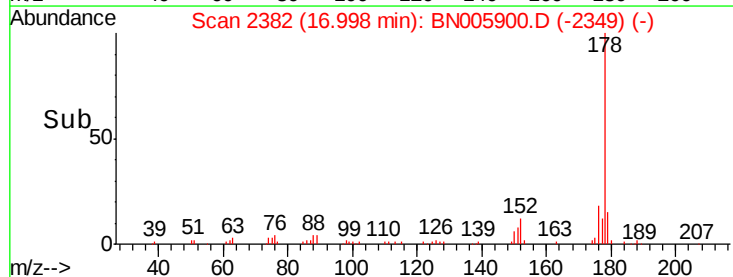
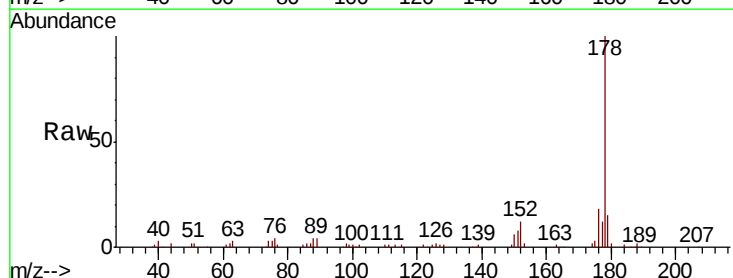
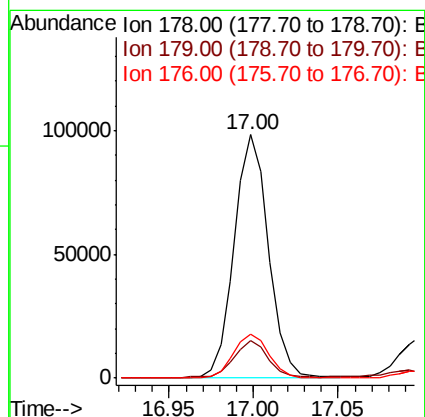
Manual Integrations
APPROVED

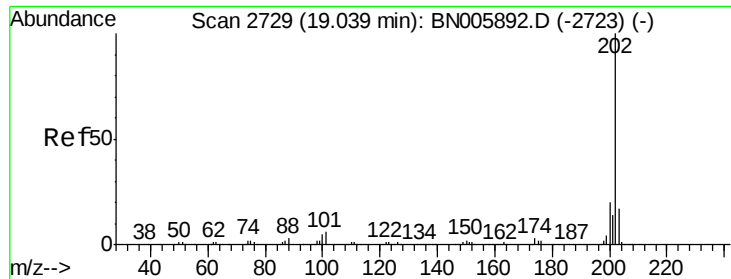
mohammad
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#69
Phenanthrene
Concen: 4.850 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN005900.D
Acq: 24 May 2019 21:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.1	15.1	22.7





#76

Fluoranthene

Concen: 4.831 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005900.D

Acq: 24 May 2019 21:10

Instrument :

BNA_N

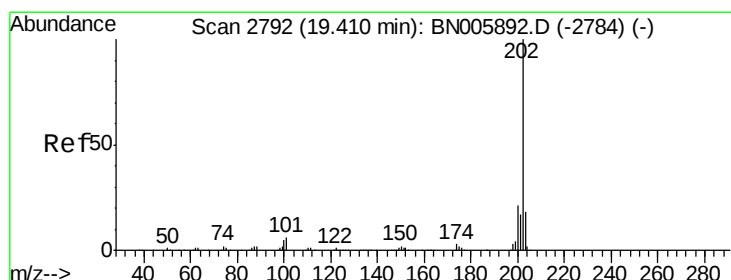
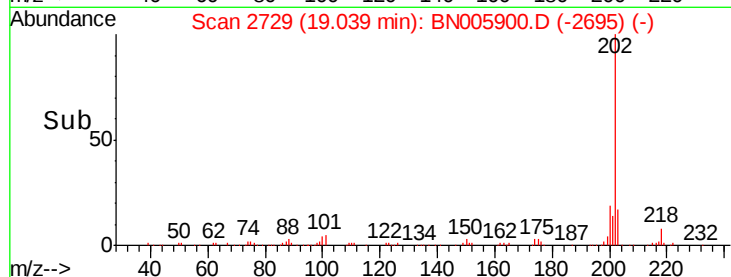
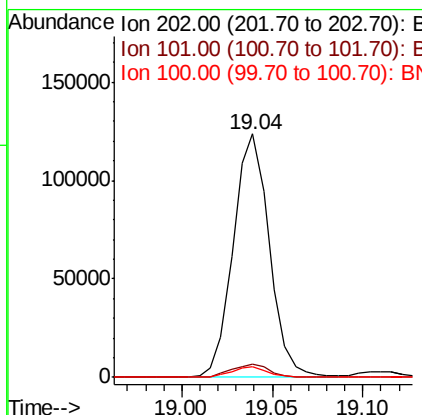
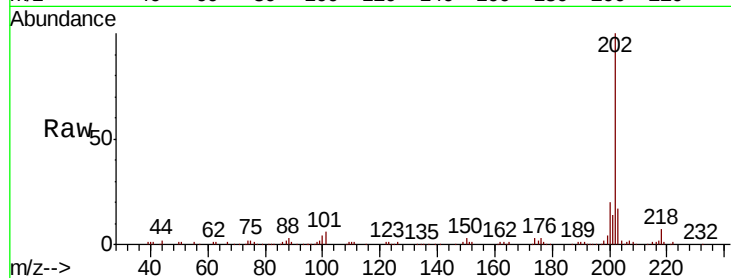
ClientSampleId :

A42D2

Tot Ion:	202	Resp:	171380
Ion Ratio	Lower	Upper	
202	100		
101	5.7	8.6	12.8#
100	4.2	6.3	9.5#

Manual Integrations
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#79

Pyrene

Concen: 3.966 ng/ul

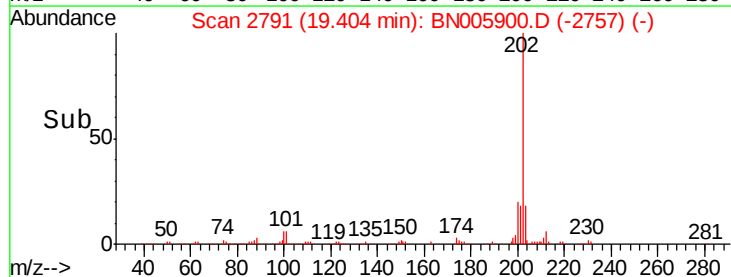
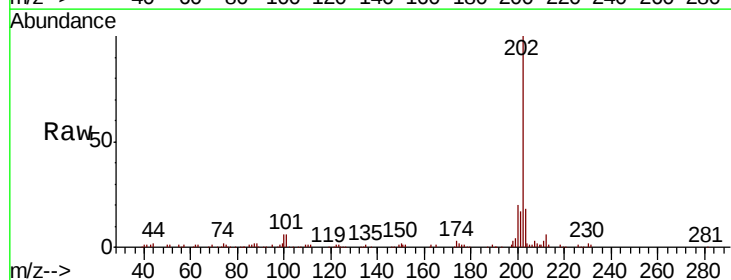
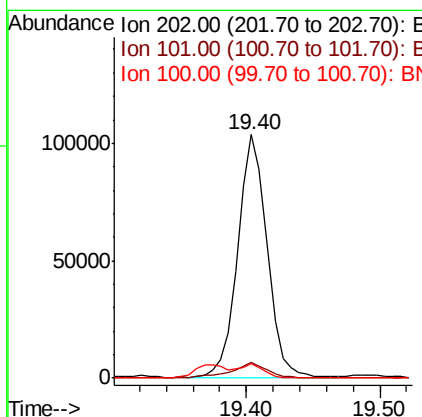
RT: 19.40 min Scan# 2791

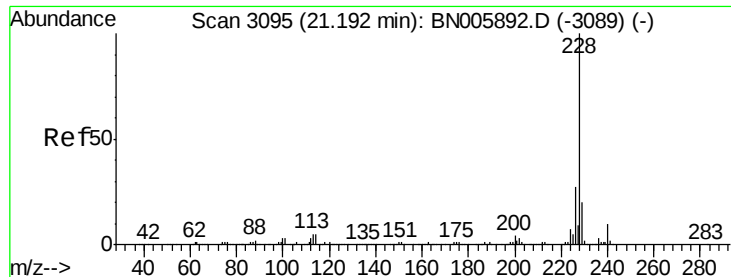
Delta R.T. -0.00 min

Lab File: BN005900.D

Acq: 24 May 2019 21:10

Tgt Ion:	202	Resp:	156210
Ion Ratio	Lower	Upper	
202	100		
101	6.3	10.3	15.5#
100	6.0	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 2.106 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN005900.D

Acq: 24 May 2019 21:10

Instrument :

BNA_N

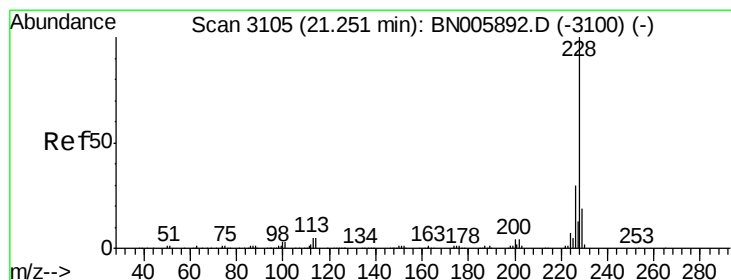
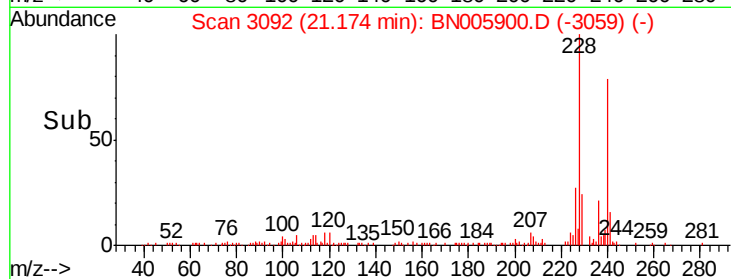
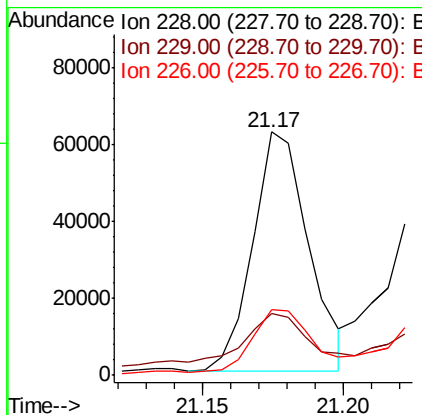
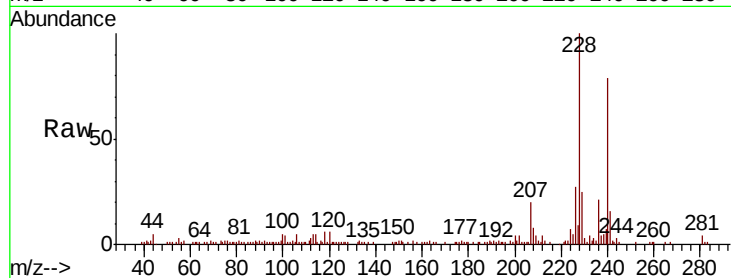
ClientSampleId :

A42D2

Tot Ion:	228	Resp:	85103
Ion Ratio	Lower	Upper	
228	100		
229	25.5	15.8	23.6#
226	27.2	21.4	32.2

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#84

Chrysene

Concen: 2.797 ng/ul

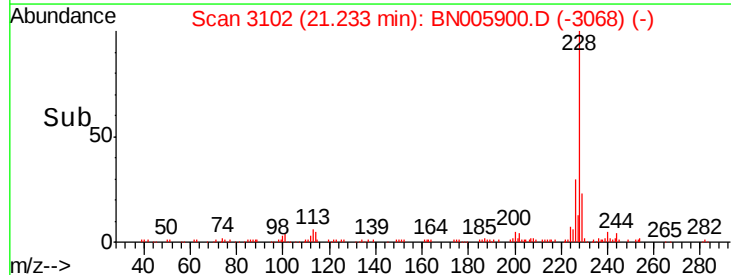
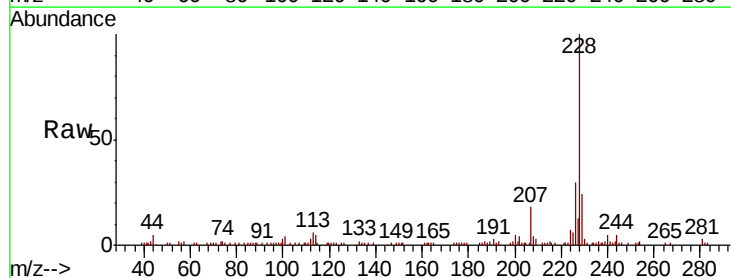
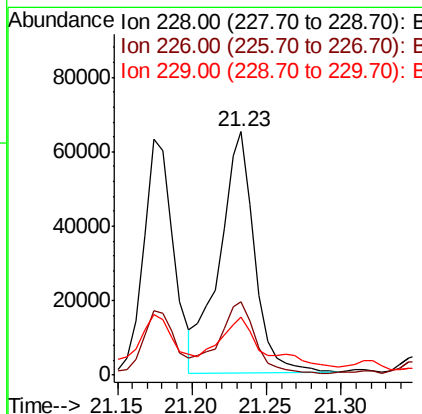
RT: 21.23 min Scan# 3102

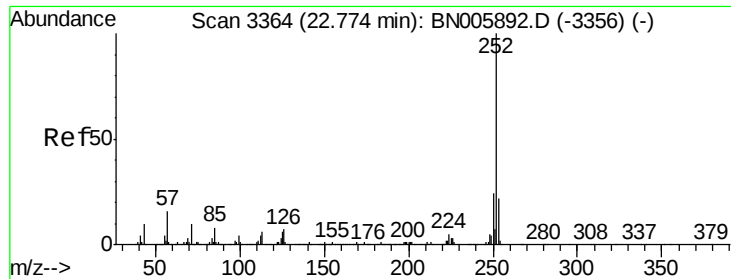
Delta R.T. -0.00 min

Lab File: BN005900.D

Acq: 24 May 2019 21:10

Tgt Ion:	228	Resp:	106544
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	23.8	15.4	23.0#





#87

Benzo(b)fluoranthene

Concen: 2.454 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BN005900.D

Acq: 24 May 2019 21:10

Instrument :

BNA_N

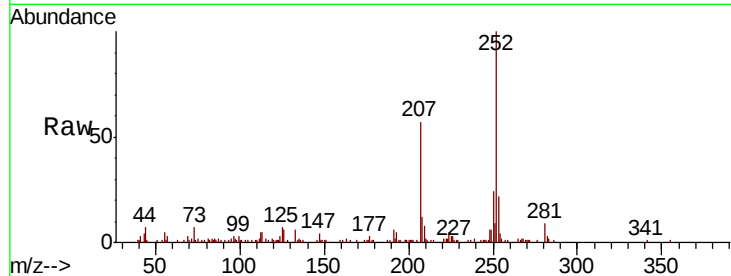
ClientSampleId :

A42D2

Tot Ion:	252	Resp:	96704
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	6.9	8.4	12.6#

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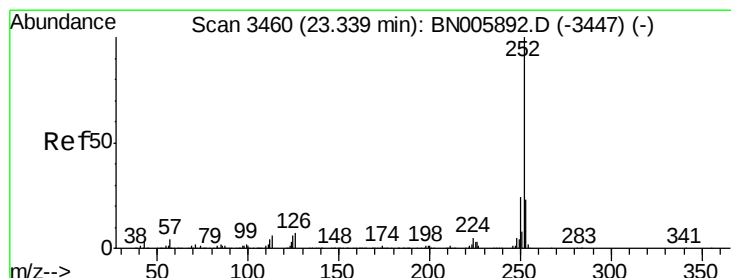
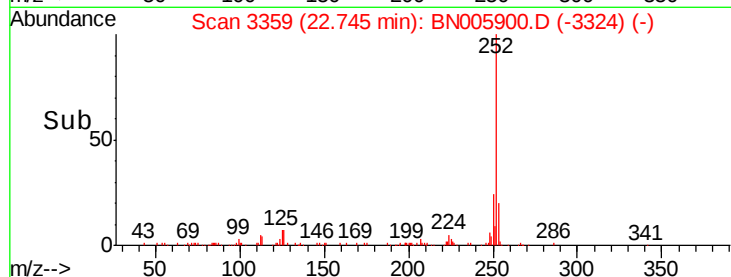
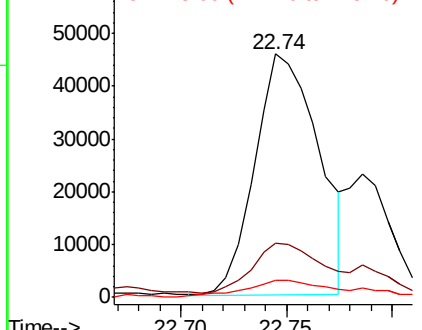


Abundance

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: 1.707 ng/ul m

RT: 23.30 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BN005900.D

Acq: 24 May 2019 21:10

Tgt Ion:	252	Resp:	65168
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.3	25.9
125	6.1	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

