

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002250.D
 Acq On : 08 Aug 2018 14:11
 Operator : JU/SJ
 Sample : J4268-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
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Quant Time: Aug 09 03:40:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	233581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	977772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	474105	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	878609	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	793991	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	831231	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14455	2.79	ng/uL	0.00
5) Phenol-d5	6.87	99	311478	14.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	216743	16.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	266936	15.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	234280	13.22	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	132035	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	140573	15.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	236870	14.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	276288	14.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	675546	16.81	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	876889	17.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	60172	7.84	ng/ul	0.00
57) Fluorene-d10	15.32	176	550519	15.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	59521	10.40	ng/ul	0.00
70) Anthracene-d10	17.16	188	752413	17.56	ng/ul	0.00
78) Pyrene-d10	19.46	212	758681	18.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	765831	17.06	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.51	128	77434	1.499	ng/ul 99
44) Dimethylphthalate	13.77	163	469979	11.939	ng/ul 99
69) Phenanthrene	17.10	178	402236	8.152	ng/ul 99
71) Anthracene	17.20	178	85087	1.693	ng/ul 98
76) Fluoranthene	19.13	202	945802	18.062	ng/ul 99
79) Pyrene	19.49	202	751318	14.746	ng/ul 98
82) Benzo(a)anthracene	21.25	228	363936	7.196	ng/ul 98
84) Chrysene	21.30	228	434782	9.224	ng/ul 97
87) Benzo(b)fluoranthene	22.83	252	694940	13.584	ng/ul 98
88) Benzo(k)fluoranthene	22.86	252	185724m	3.821	ng/ul
90) Benzo(a)pyrene	23.39	252	433302	8.914	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.72	276	363155	6.463	ng/ul# 92
92) Dibenzo(a,h)anthracene	25.72	278	80053	1.702	ng/ul# 79
93) Benzo(g,h,i)perylene	26.39	276	339410	7.188	ng/ul 99

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

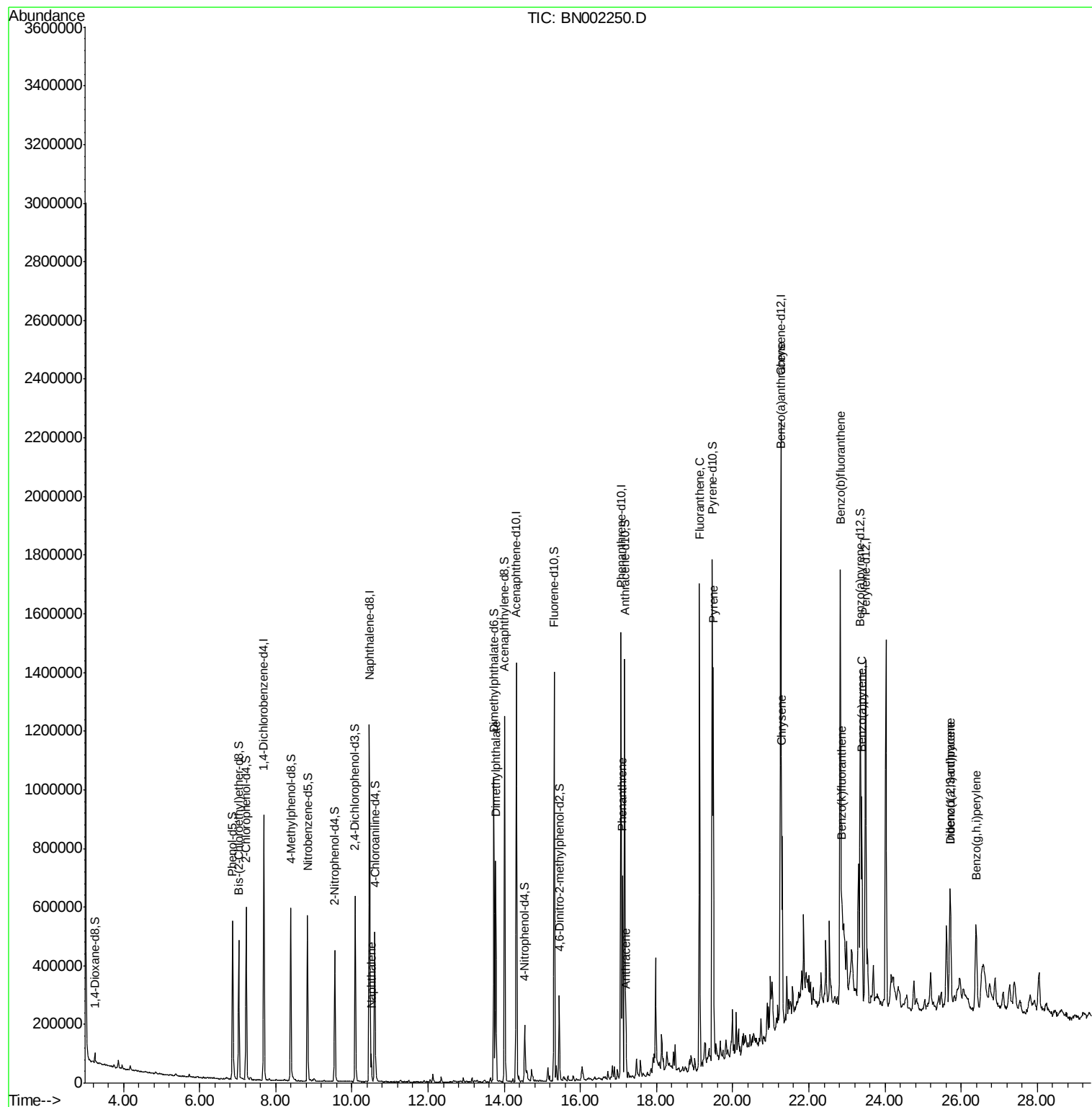
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080818\
Data File : BN002250.D
Acq On : 08 Aug 2018 14:11
Operator : JU/SJ
Sample : J4268-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

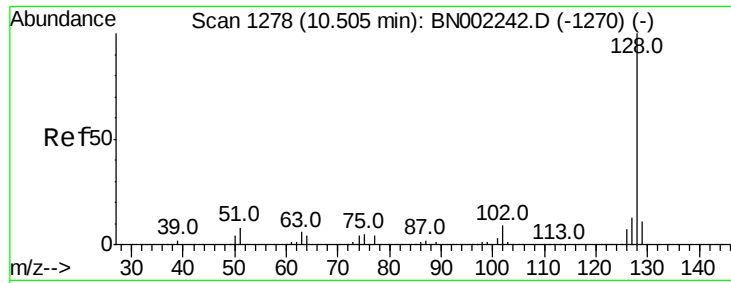
Instrument :
BNA_N
ClientSampleId :
C0AC7

Quant Time: Aug 09 03:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration

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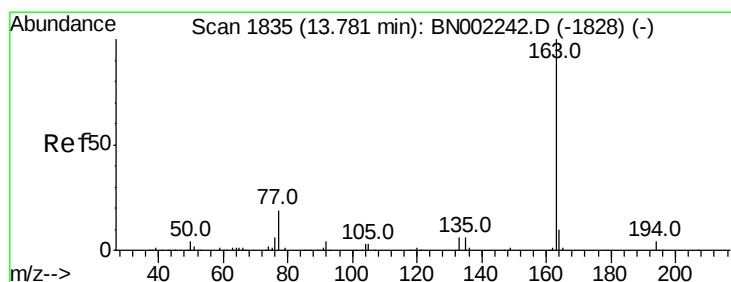
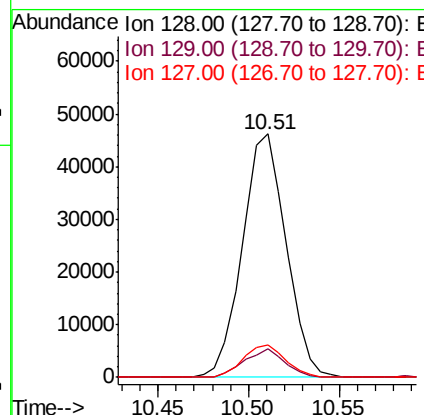
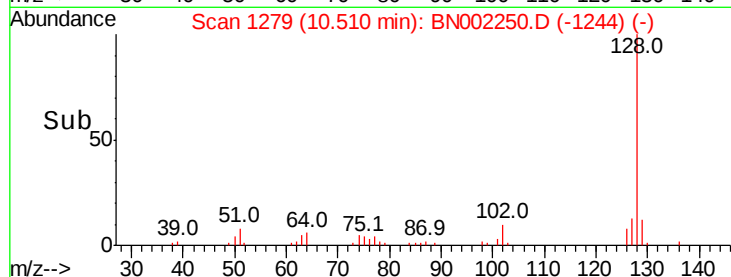
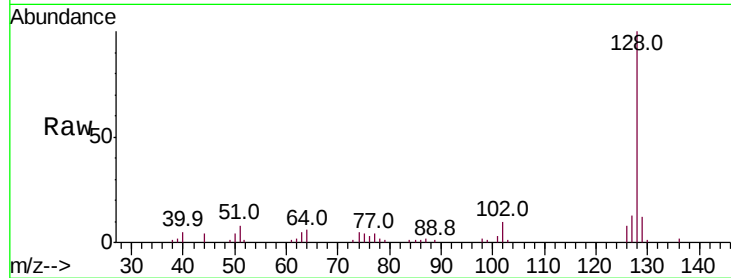
#28
Naphthalene
Concen: 1.499 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Instrument :
BNA_N
ClientSampleId :
C0AC7

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.1	10.5	15.7

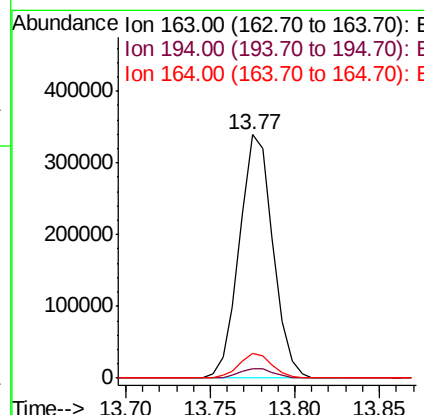
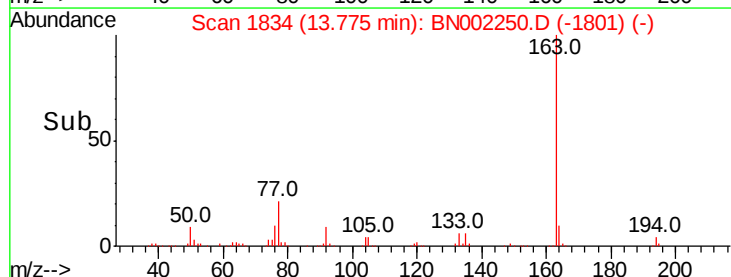
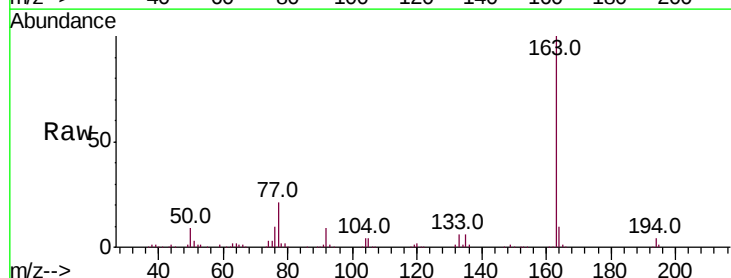
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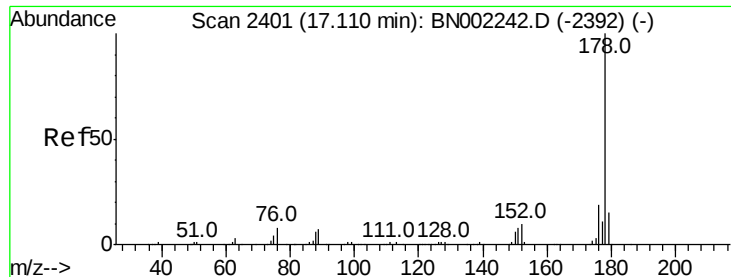
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#44
Dimethylphthalate
Concen: 11.939 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.8	11.8





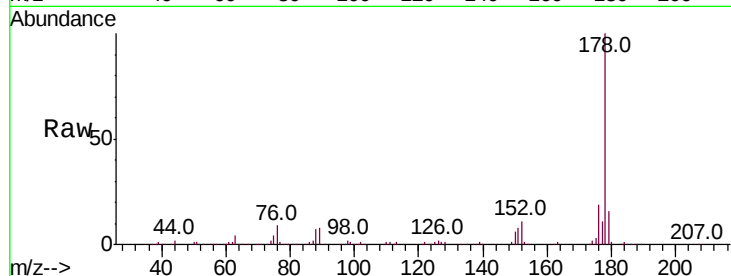
#69
Phenanthrene
Concen: 8.152 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Instrument :
BNA_N
ClientSampleId :
C0AC7

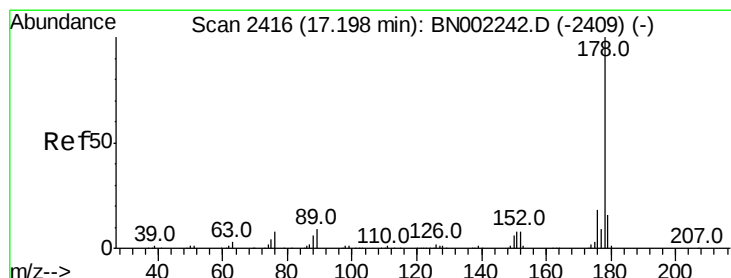
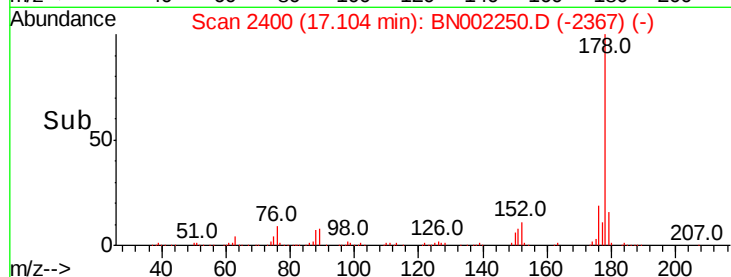
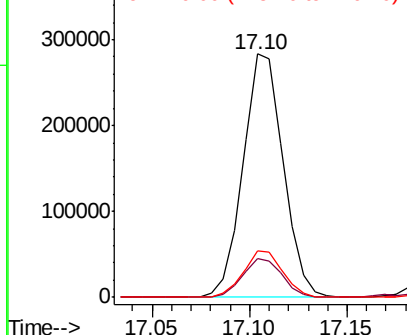
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.3	15.6	23.4

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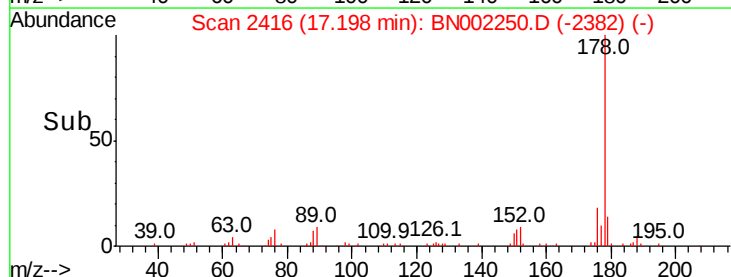
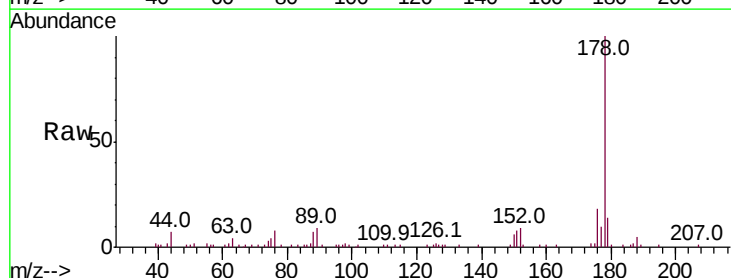
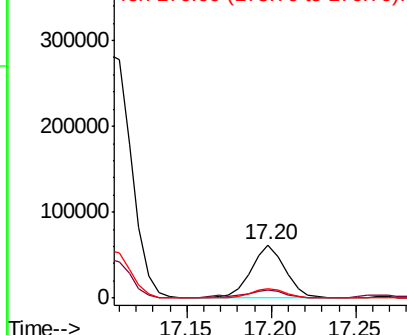
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

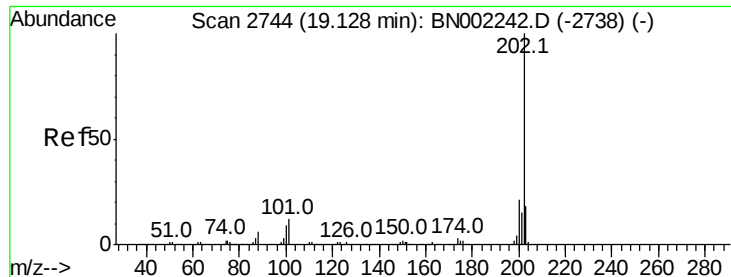


#71
Anthracene
Concen: 1.693 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.1	18.1
176	17.5	14.8	22.2

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: 18.062 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BN002250.D

Acq: 08 Aug 2018 14:11

Instrument :

BNA_N

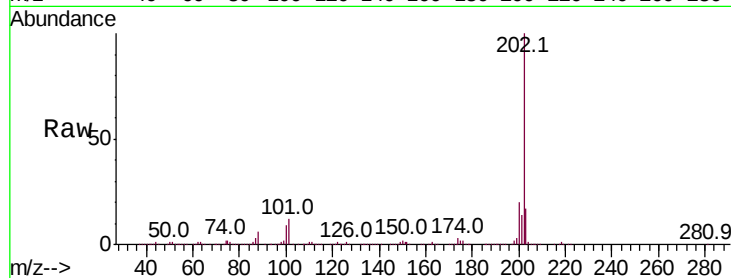
ClientSampled :

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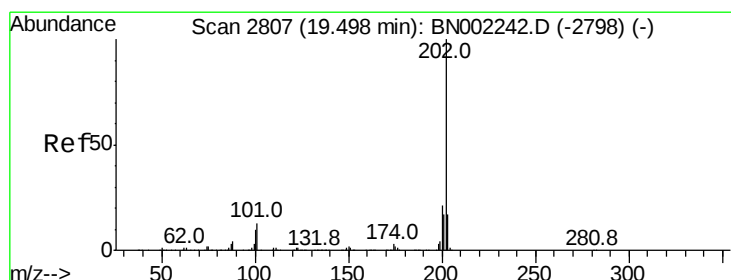
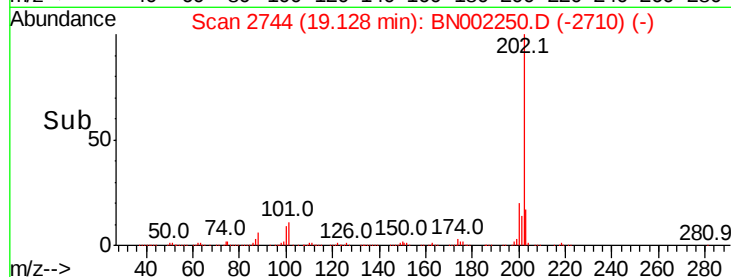
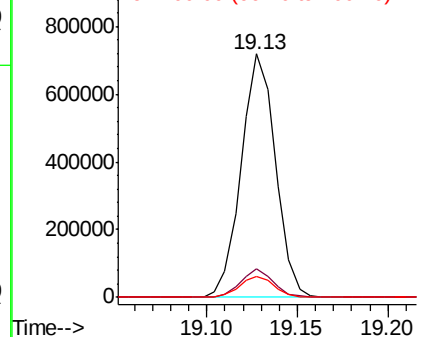
Tot Ion:	202	Resp:	945802
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
100	8.6	6.6	9.8

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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: 14.746 ng/ul

RT: 19.49 min Scan# 2806

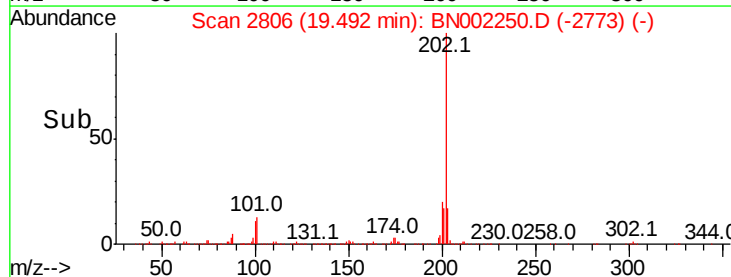
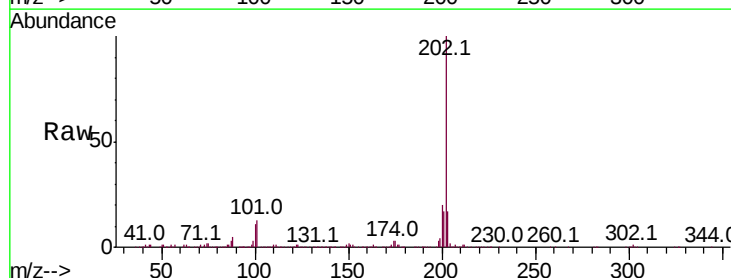
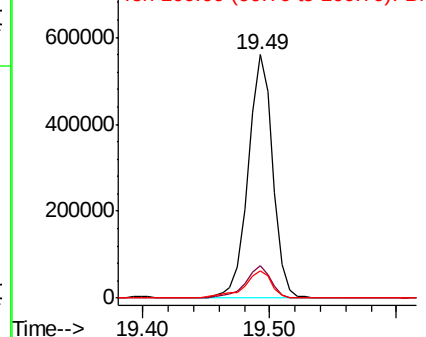
Delta R.T. -0.01 min

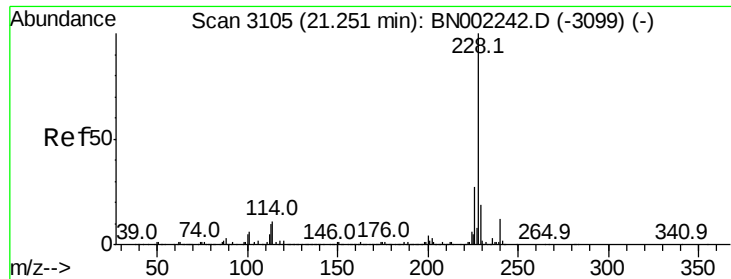
Lab File: BN002250.D

Acq: 08 Aug 2018 14:11

Tgt Ion:	202	Resp:	751318
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.2	15.2
100	11.3	8.5	12.7

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





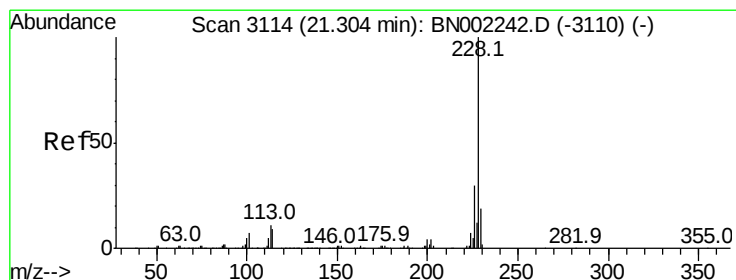
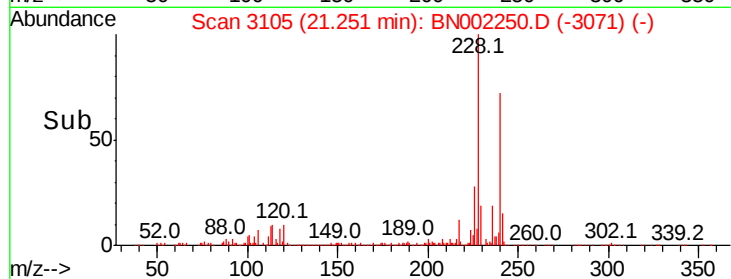
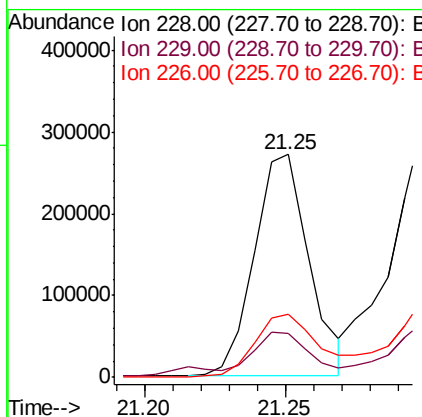
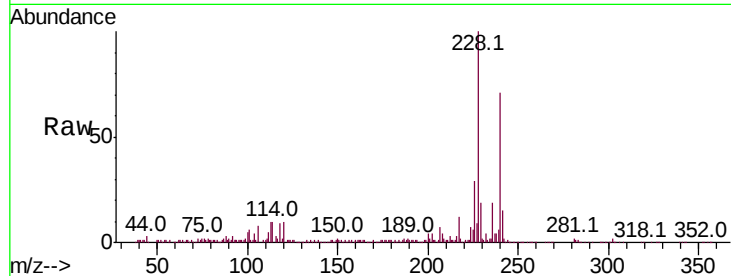
#82
Benzo(a)anthracene
Concen: 7.196 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Instrument :
BNA_N
ClientSampleId :
C0AC7

Tot Ion:	228	Resp:	363936
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.7	23.5
226	28.5	21.8	32.6

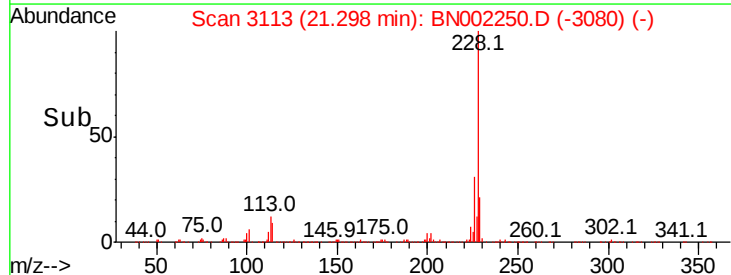
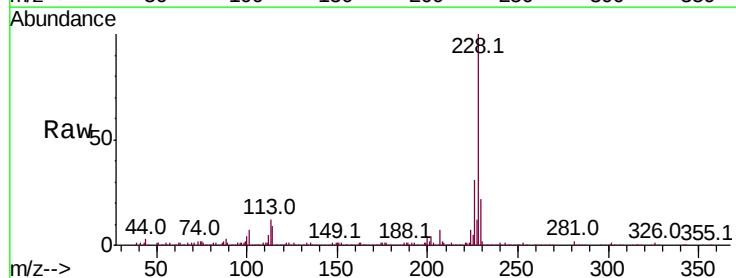
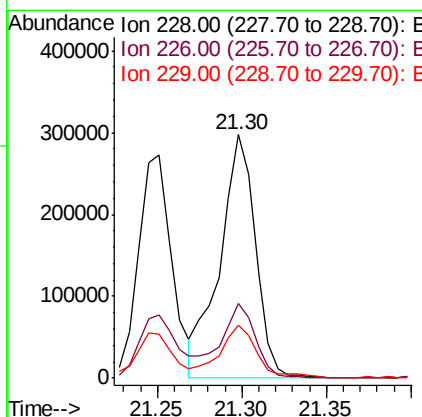
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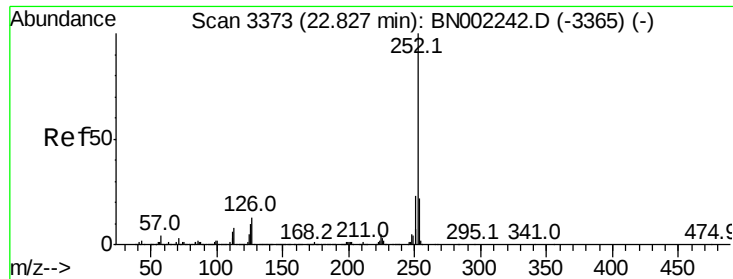
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#84
Chrysene
Concen: 9.224 ng/ul
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:	228	Resp:	434782
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	21.6	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 13.584 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN002250.D

Acq: 08 Aug 2018 14:11

Instrument :

BNA_N

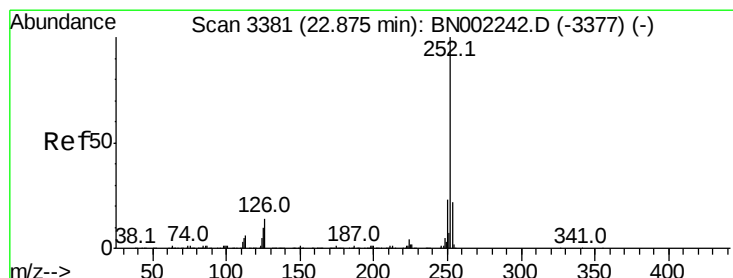
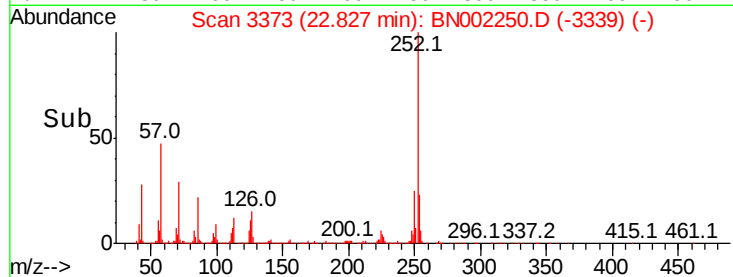
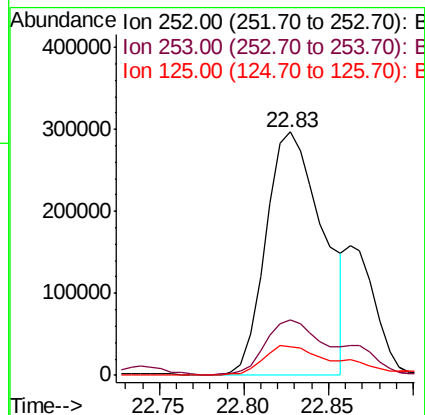
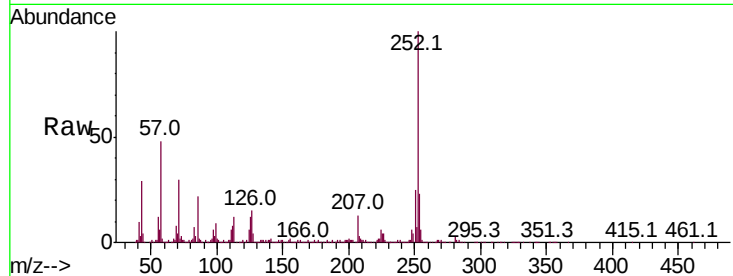
ClientSampleId :

C0AC7

Tot Ion:	252	Resp:	694940
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	11.6	8.5	12.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.821 ng/ul m

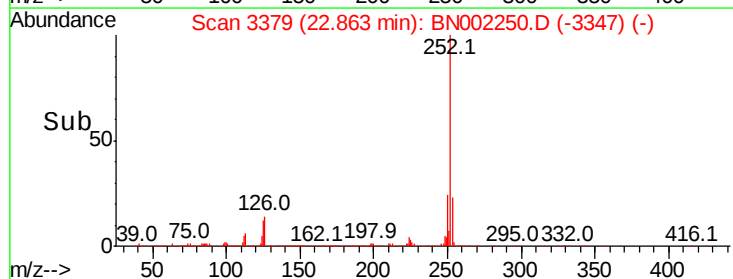
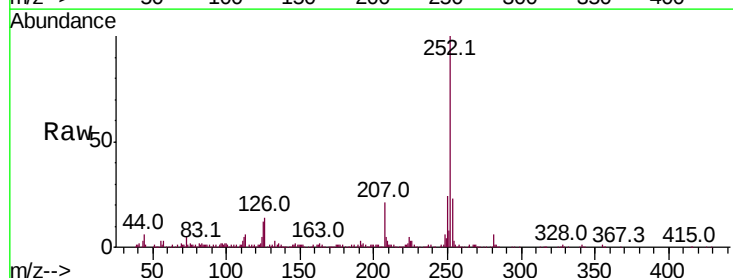
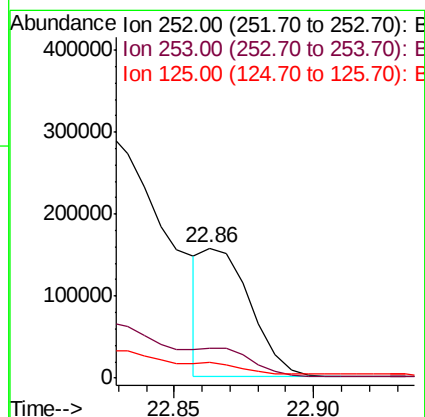
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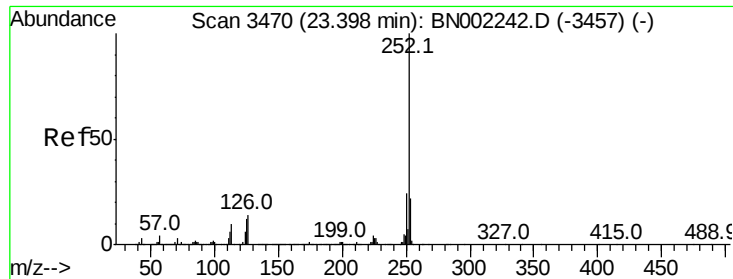
Delta R.T. -0.01 min

Lab File: BN002250.D

Acq: 08 Aug 2018 14:11

Tgt Ion:	252	Resp:	185724
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	12.5	8.2	12.2#





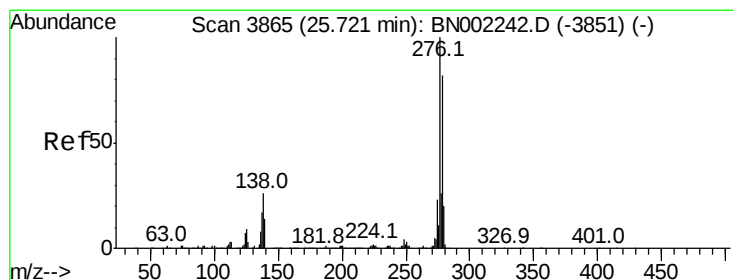
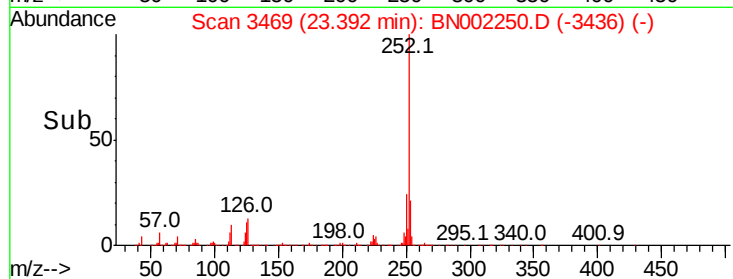
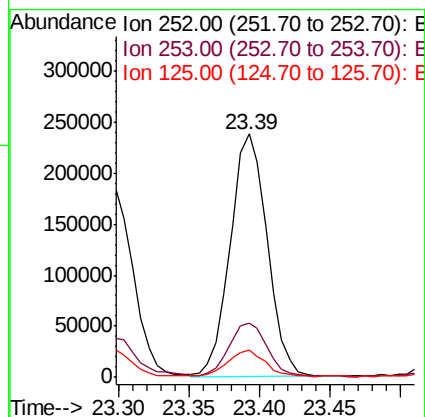
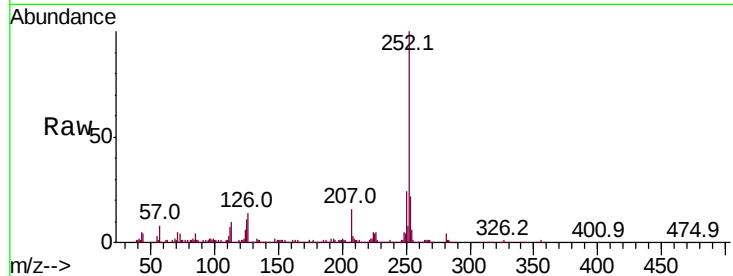
#90
Benzo(a)pyrene
Concen: 8.914 ng/ul
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Instrument :
BNA_N
ClientSampleId :
C0AC7

Tot Ion:	252	Resp:	433302
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	11.2	9.0	13.6

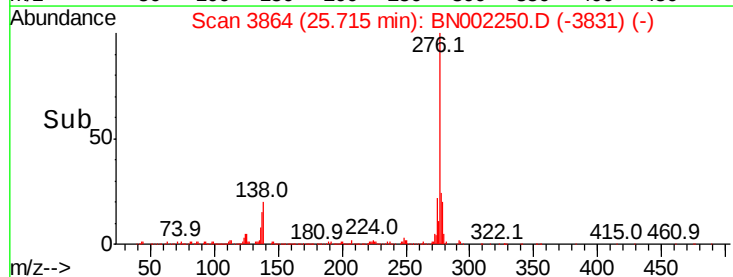
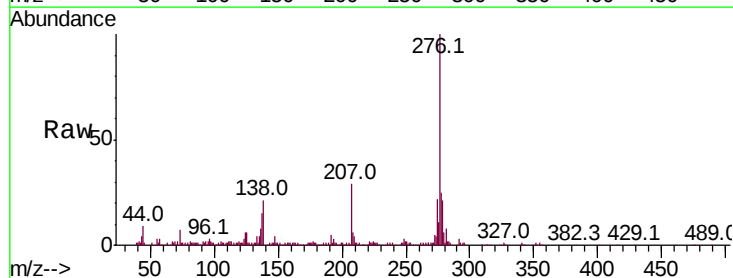
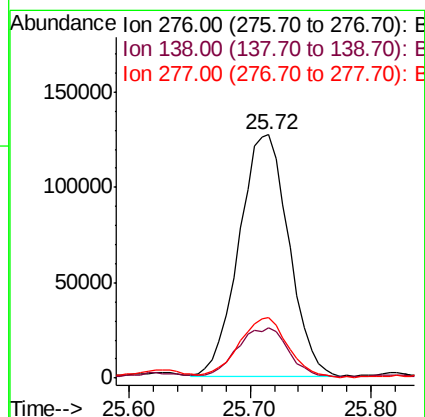
Manual Integrations
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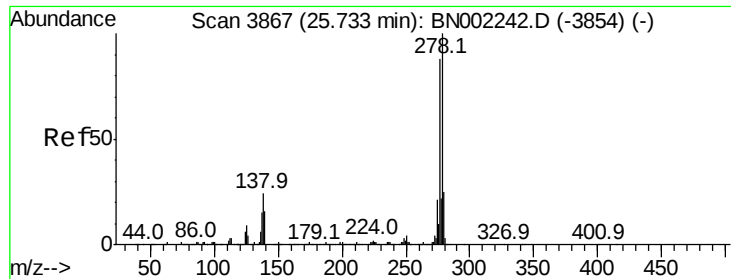
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#91
Indeno(1,2,3-cd)pyrene
Concen: 6.463 ng/ul
RT: 25.72 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BN002250.D
Acq: 08 Aug 2018 14:11

Tgt Ion:	276	Resp:	363155
Ion Ratio	Lower	Upper	
276	100		
138	20.6	22.3	33.5#
277	24.8	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 1.702 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. -0.02 min

Lab File: BN002250.D

Acq: 08 Aug 2018 14:11

Instrument :

BNA_N

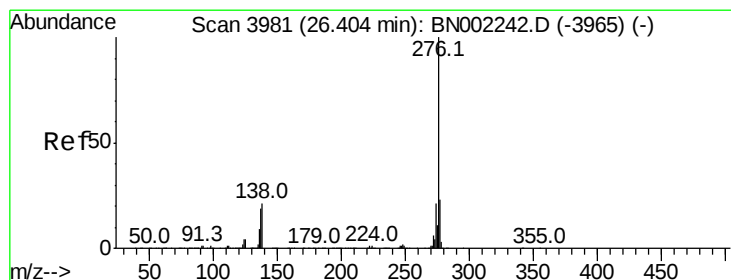
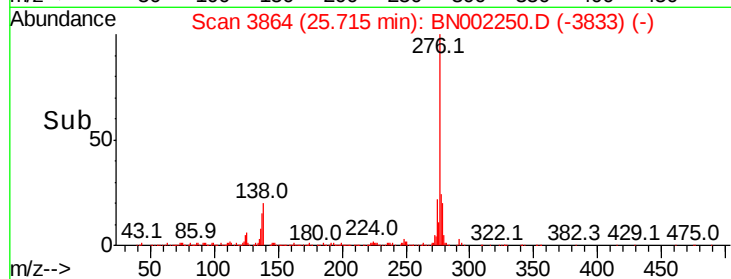
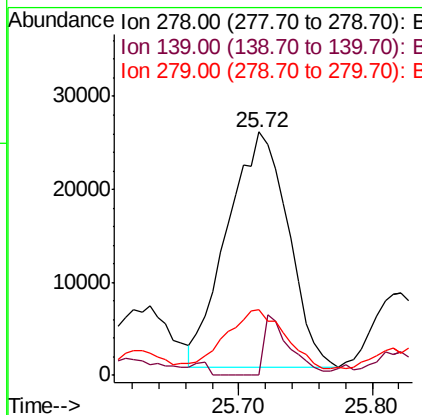
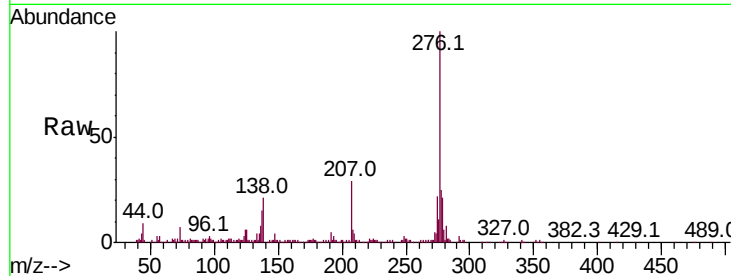
ClientSampleId :

C0AC7

Tot Ion:	278	Resp:	80053
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	27.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
8/9/2018 4:40:26 PM



#93

Benzo(g,h,i)perylene

Concen: 7.188 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN002250.D

Acq: 08 Aug 2018 14:11

Tgt Ion:	276	Resp:	339410
Ion Ratio	Lower	Upper	
276	100		
138	23.4	18.9	28.3
277	23.3	19.2	28.8

