

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005877.D
 Acq On : 23 May 2019 07:00
 Operator : JU/SJ
 Sample : K2927-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A9

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:31:40 PM

Quant Time: May 23 09:42:09 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	87551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	384024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	258914	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	649456	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	698434	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	675949	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	9067	5.80	ng/uL	0.00
5) Phenol-d5	6.76	99	187146	27.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	107618	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	164123	30.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	158389	27.37	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	84941	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	95661	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	182259	29.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	163915	24.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	649144	32.58	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	780904	32.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	74306m	26.48	ng/ul	0.01
57) Fluorene-d10	15.20	176	595193	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	31408	8.05	ng/ul	0.00
70) Anthracene-d10	17.06	188	929587	33.13	ng/ul	0.00
78) Pyrene-d10	19.37	212	1113748	32.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	982618	32.41	ng/ul	0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	179941	9.161	ng/ul#	98
47) Acenaphthylene	13.92	152	35957	1.543	ng/ul	98
69) Phenanthrene	17.00	178	370837	11.519	ng/ul	99
71) Anthracene	17.10	178	94883	2.895	ng/ul	98
74) Carbazole	17.38	167	32160	1.113	ng/ul	98
76) Fluoranthene	19.04	202	923481	23.202	ng/ul#	89
79) Pyrene	19.40	202	829262	19.335	ng/ul#	87
80) Butylbenzylphthalate	20.33	149	30026	1.709	ng/ul#	92
82) Benzo(a)anthracene	21.19	228	507724	11.539	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	225915	9.062	ng/ul#	98
84) Chrysene	21.23	228	491638	11.852	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	581250	15.631	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	221052m	6.143	ng/ul	
90) Benzo(a)pyrene	23.32	252	379992m	10.553	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	243028	5.520	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.59	278	70731	1.909	ng/ul	96
93) Benzo(g,h,i)perylene	26.27	276	166910	4.535	ng/ul#	88

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

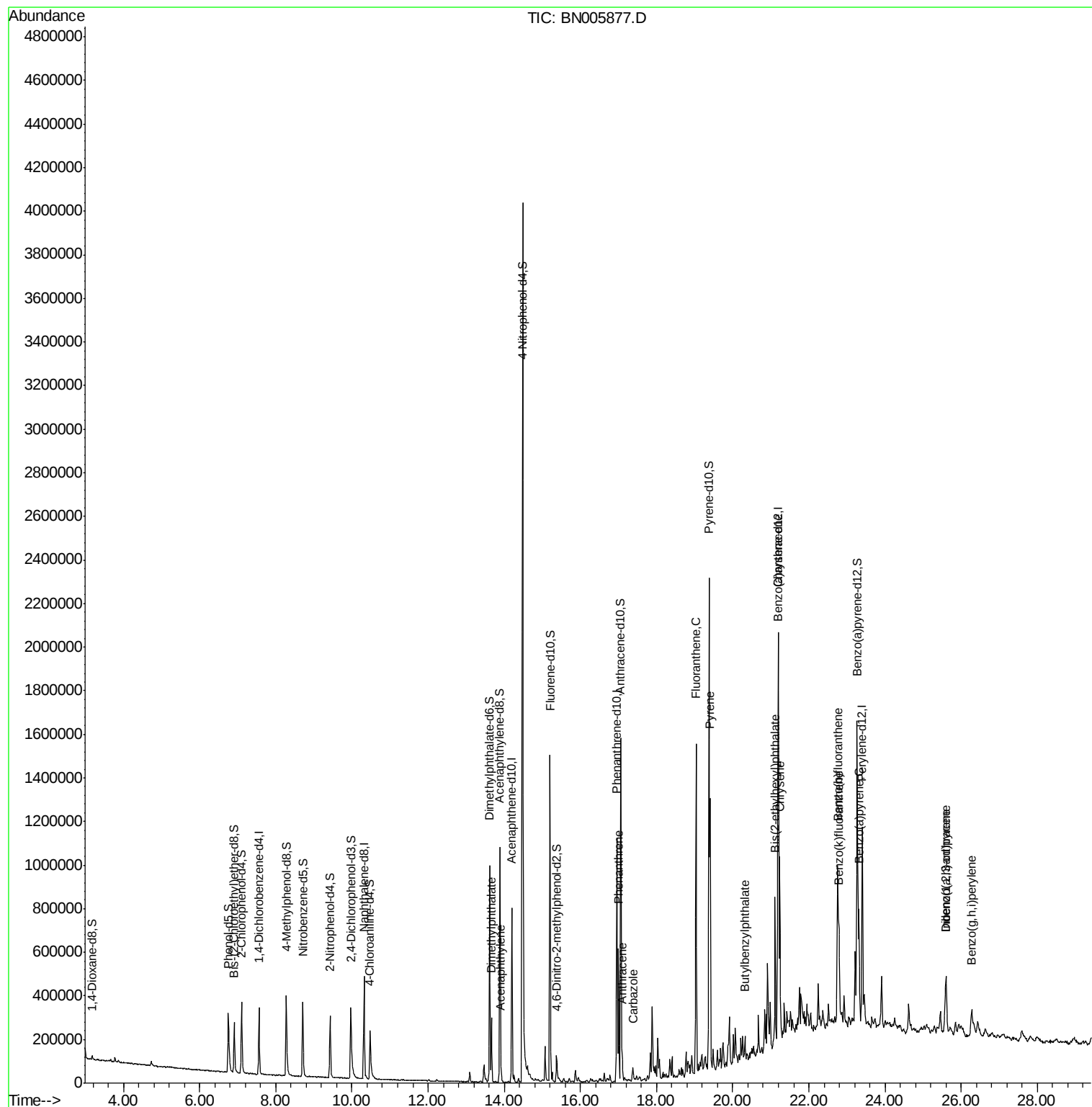
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005877.D
Acq On : 23 May 2019 07:00
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Sample : K2927-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

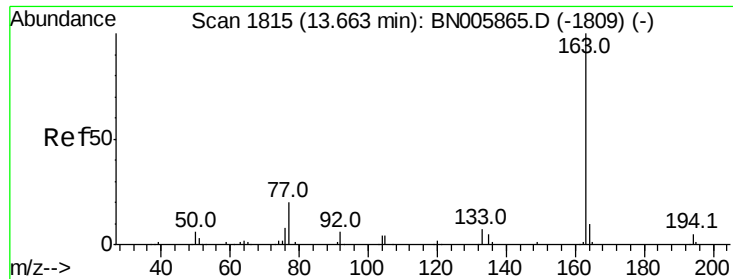
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.161 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

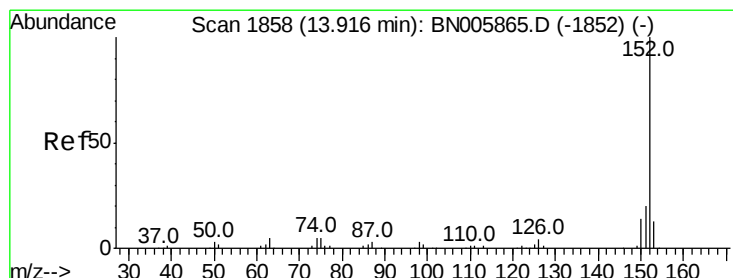
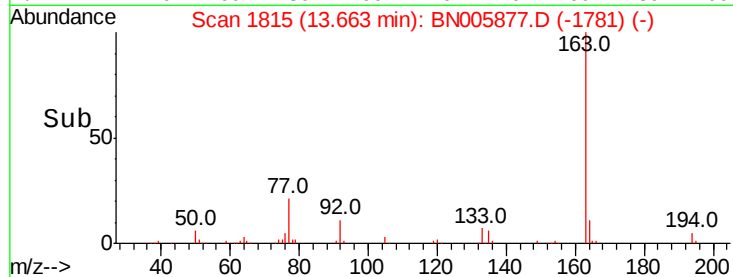
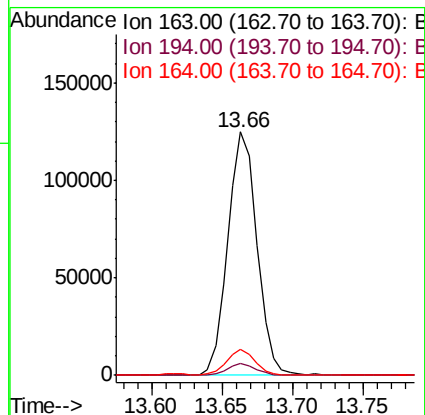
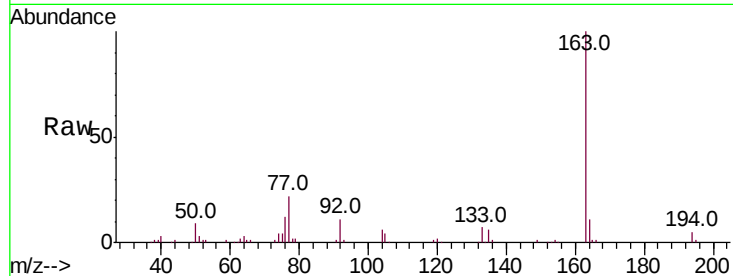
ClientSampleId :

A42A9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	179941		
194	5.0	3.4	5.0#	
164	10.8	8.1	12.1	

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#47

Acenaphthylene

Concen: 1.543 ng/ul

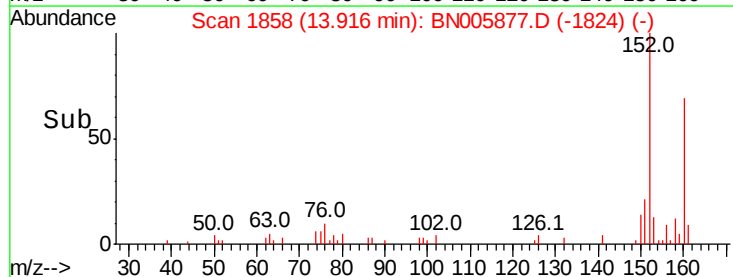
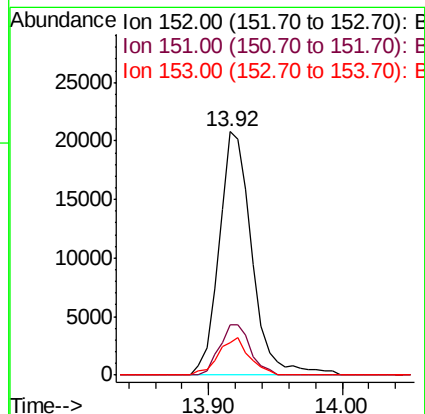
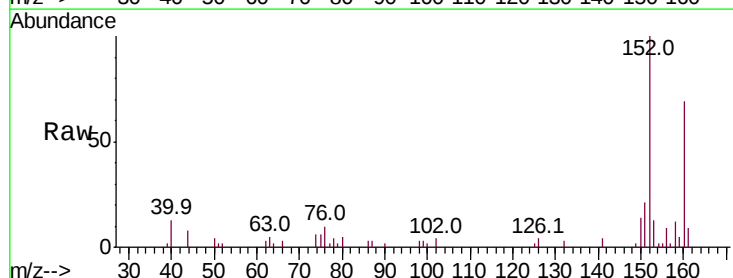
RT: 13.92 min Scan# 1858

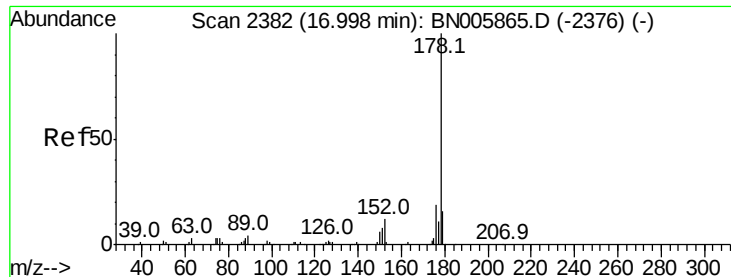
Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	35957		
151	20.7	15.8	23.8	
153	13.4	9.8	14.8	





#69

Phenanthrene

Concen: 11.519 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

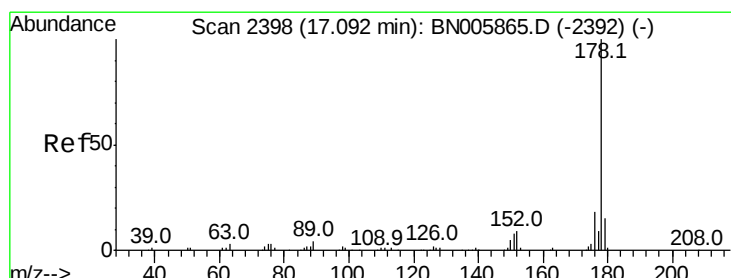
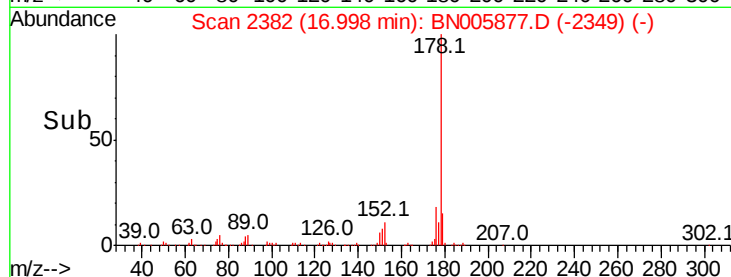
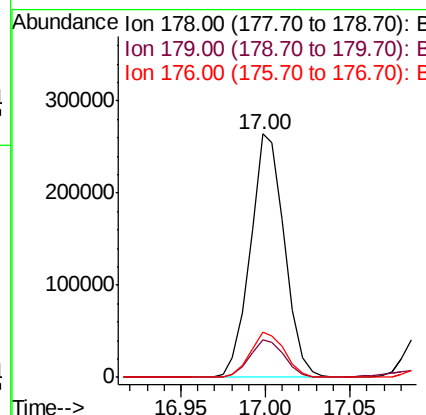
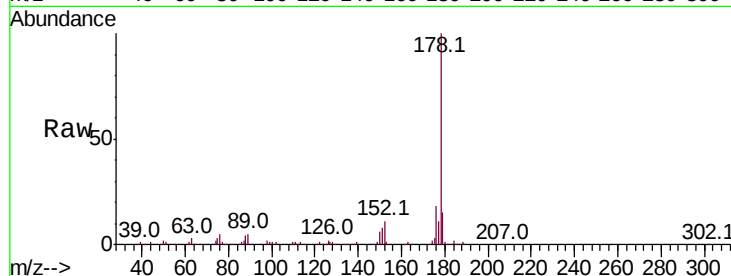
ClientSampleId :

A42A9

Tot Ion:178	Resp:	370837
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.2 18.4
176	18.4	15.1 22.7

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#71

Anthracene

Concen: 2.895 ng/ul

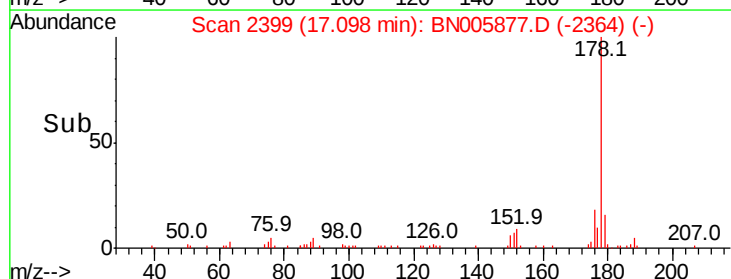
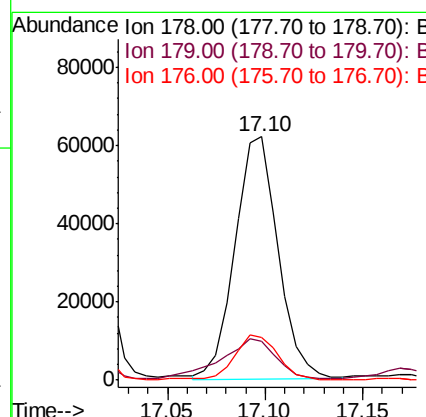
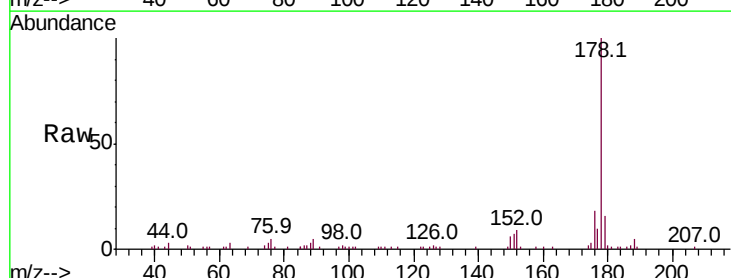
RT: 17.10 min Scan# 2399

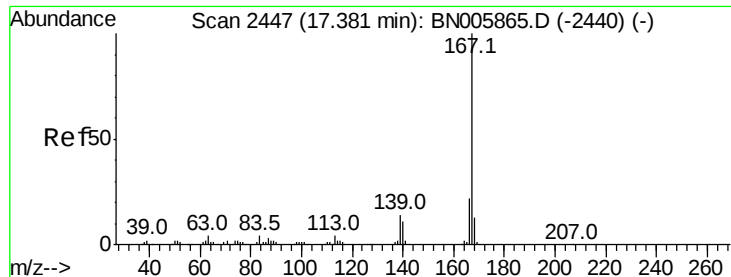
Delta R.T. 0.01 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Tgt Ion:178	Resp:	94883
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.3 18.5
176	17.7	15.1 22.7





#74

Carbazole

Concen: 1.113 ng/ul

RT: 17.38 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

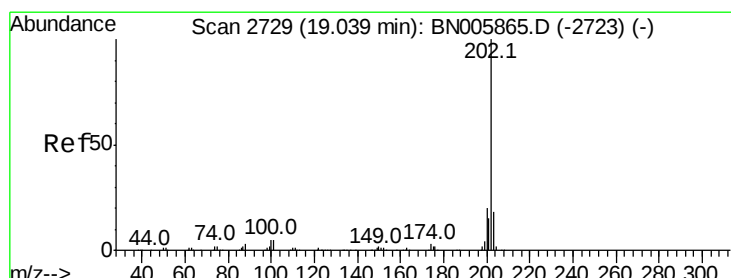
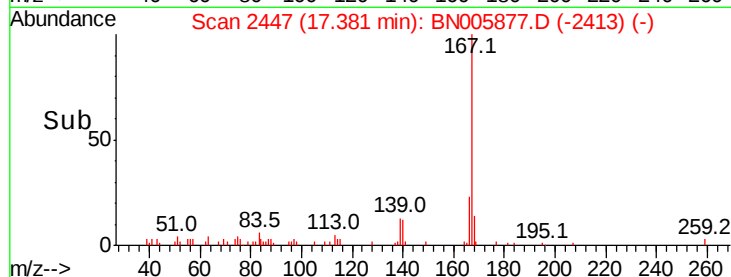
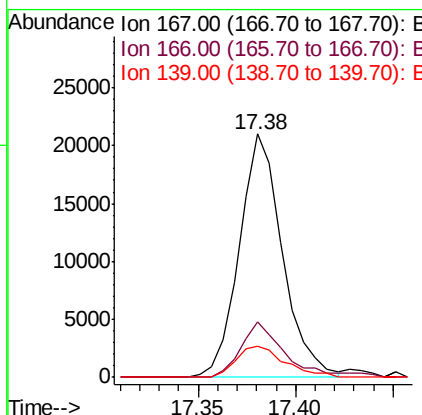
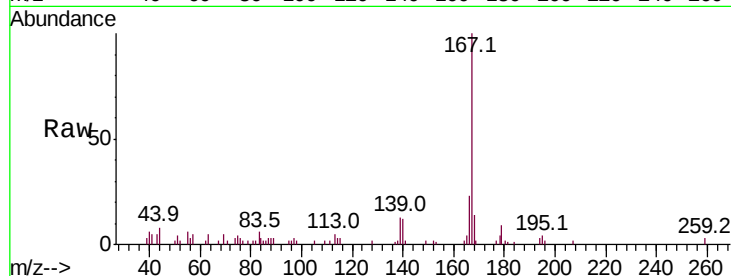
ClientSampled :

A42A9

Tot Ion:	167	Resp:	32160
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.2	25.8
139	12.9	10.6	16.0

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#76

Fluoranthene

Concen: 23.202 ng/ul

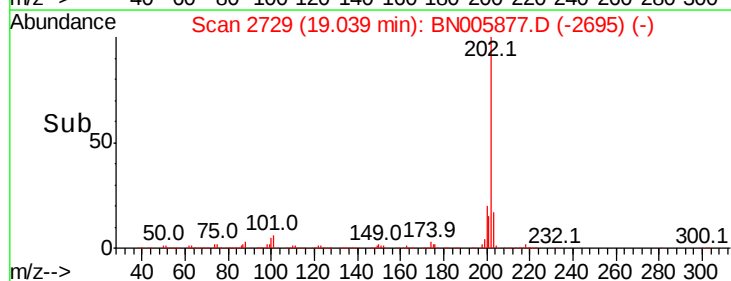
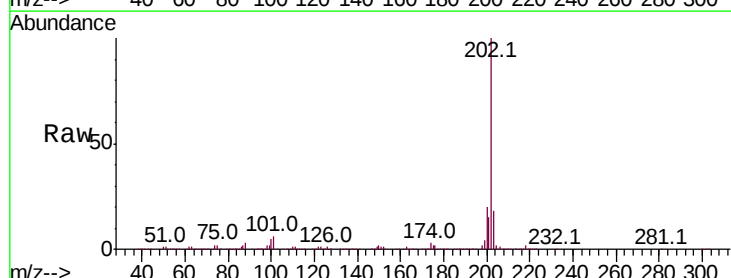
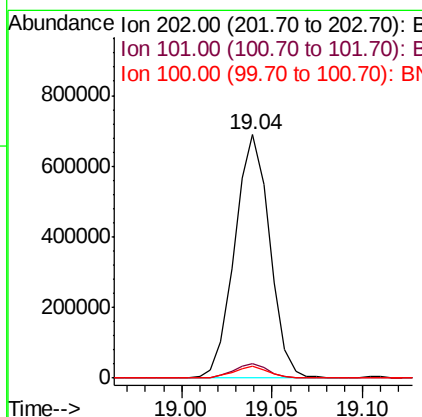
RT: 19.04 min Scan# 2729

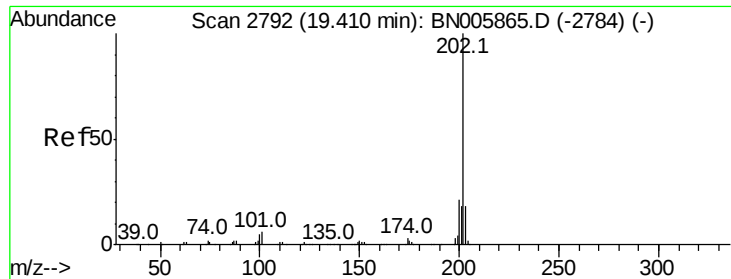
Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Tgt Ion:	202	Resp:	923481
Ion Ratio	Lower	Upper	
202	100		
101	6.0	8.6	12.8#
100	4.7	6.3	9.5#





#79

Pvrene

Concen: 19.335 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

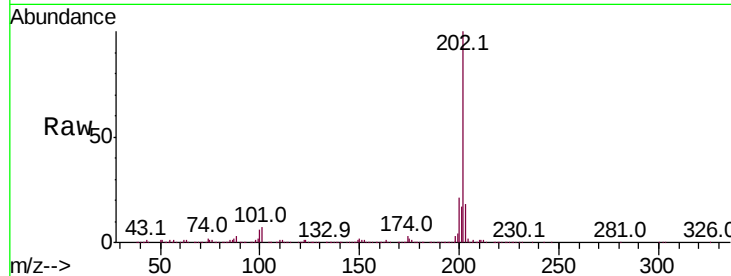
ClientSampleId :

A42A9

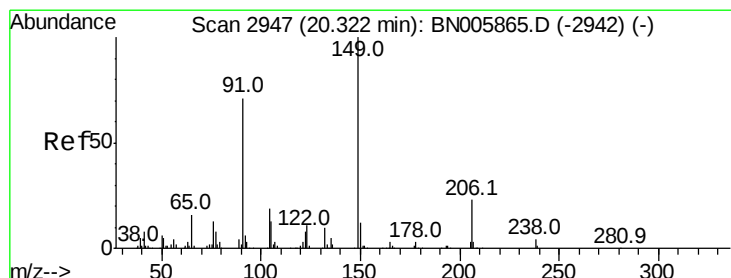
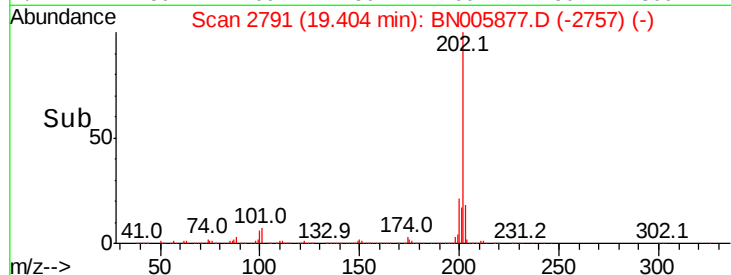
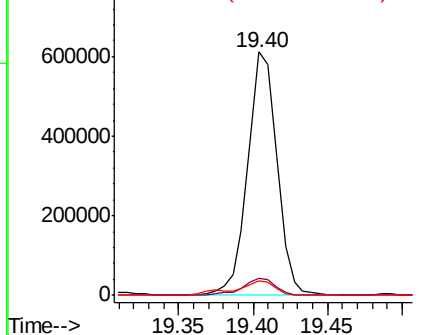
Tot Ion:	202	Resp:	829262
Ion Ratio	Lower	Upper	
202	100		
101	7.0	10.3	15.5#
100	6.2	7.9	11.9#

Manual Integrations
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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



#80

Butylbenzylphthalate

Concen: 1.709 ng/ul

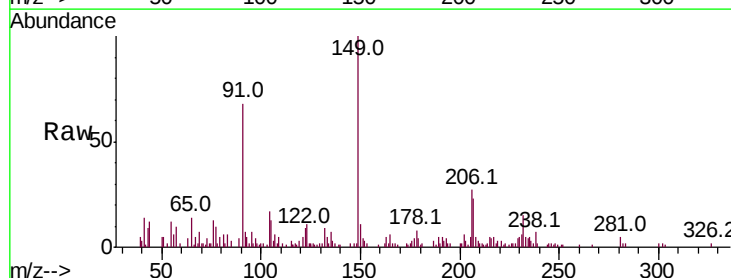
RT: 20.33 min Scan# 2948

Delta R.T. 0.01 min

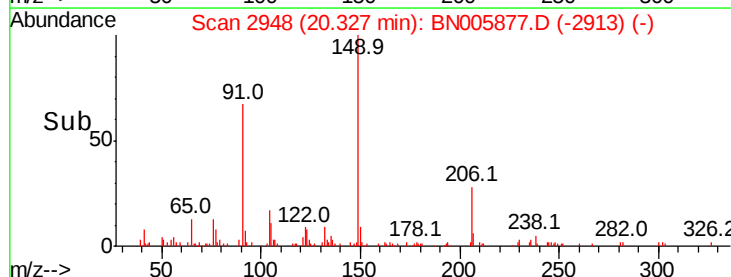
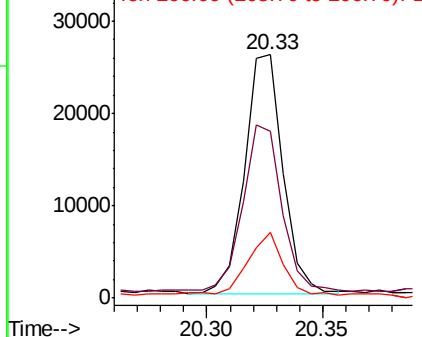
Lab File: BN005877.D

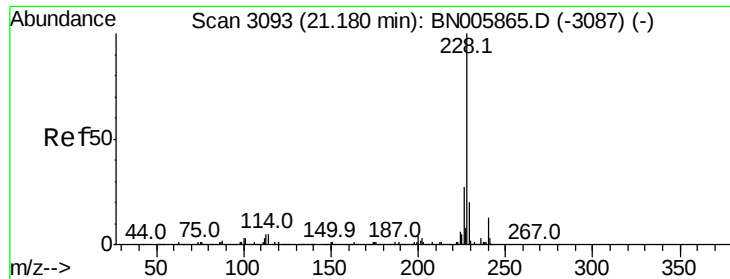
Acq: 23 May 2019 07:00

Tgt Ion:	149	Resp:	30026
Ion Ratio	Lower	Upper	
149	100		
91	68.4	59.6	89.4
206	26.8	17.8	26.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 11.539 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

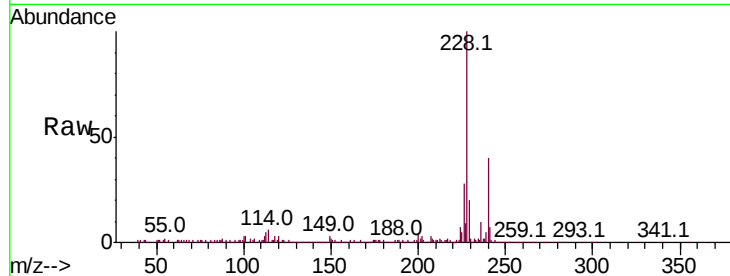
ClientSampled :

A42A9

Tot Ion:	228	Resp:	507724
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.6
226	28.0	21.4	32.2

Manual Integrations
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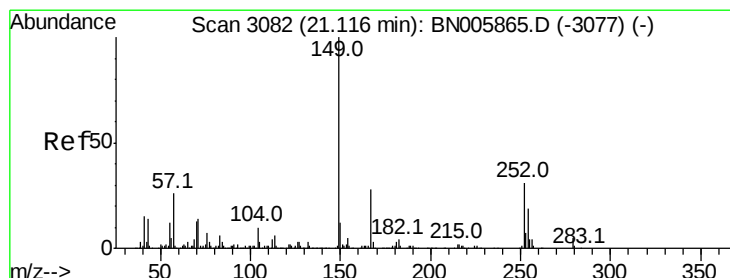
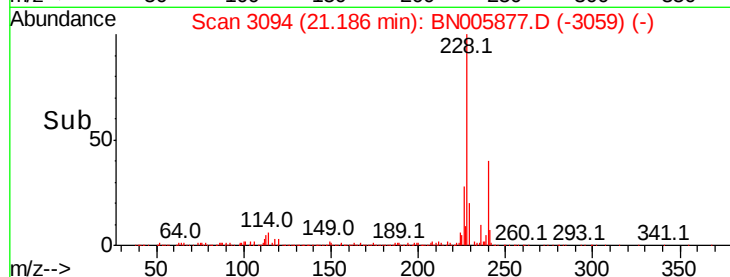
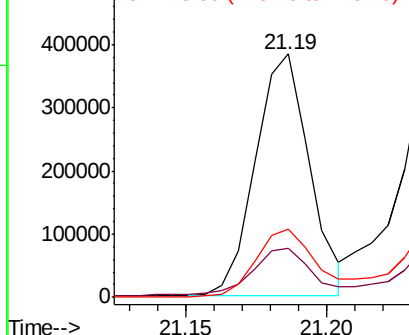


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.062 ng/ul

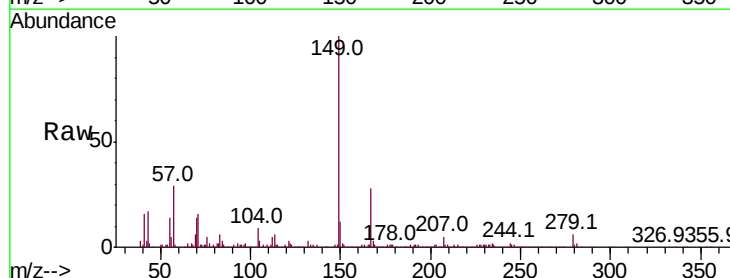
RT: 21.12 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Tgt Ion:	149	Resp:	225915
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.3	33.5
279	5.6	3.3	4.9#

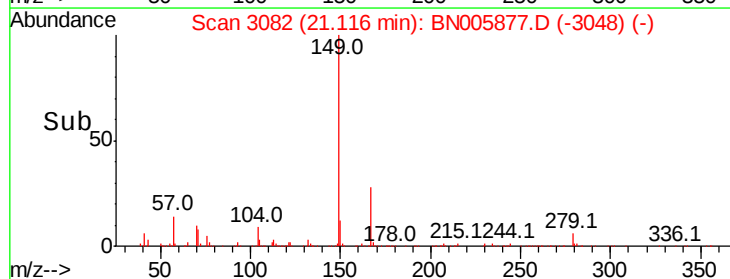
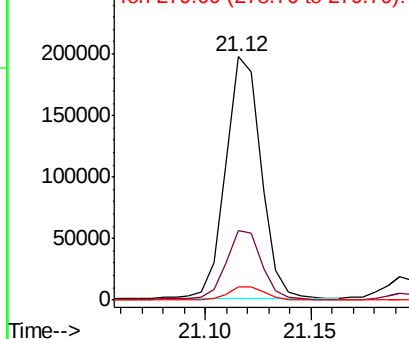


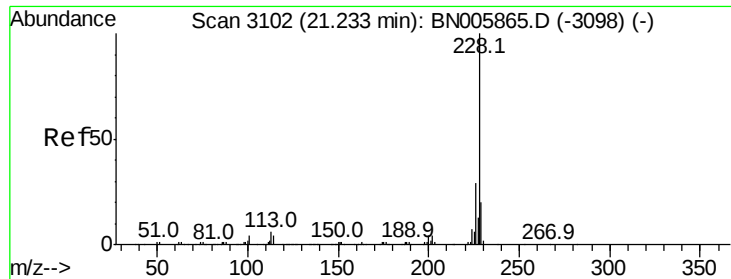
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 11.852 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

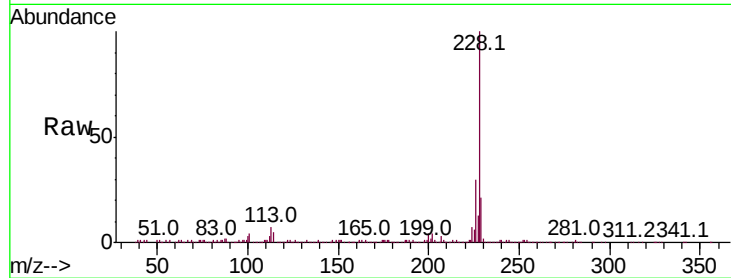
ClientSampleId :

A42A9

Tot Ion:	228	Resp:	491638
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	21.2	15.4	23.0

Manual Integrations
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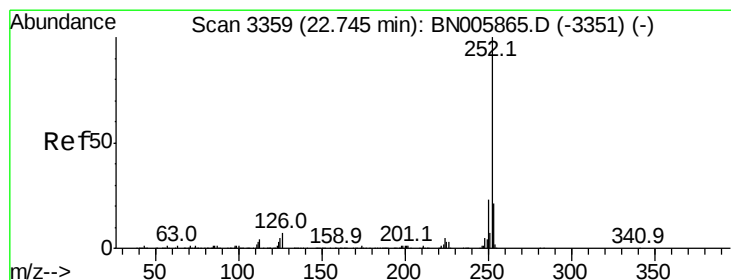
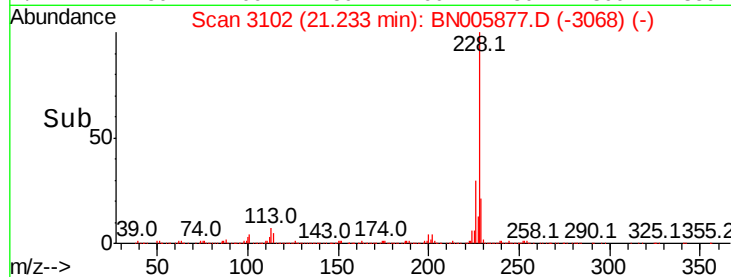
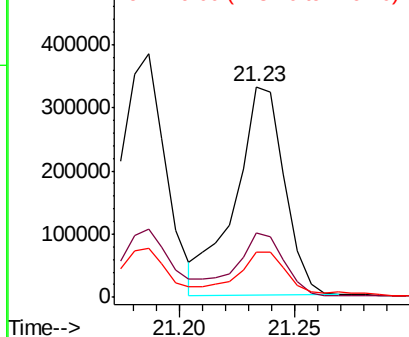


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 15.631 ng/ul

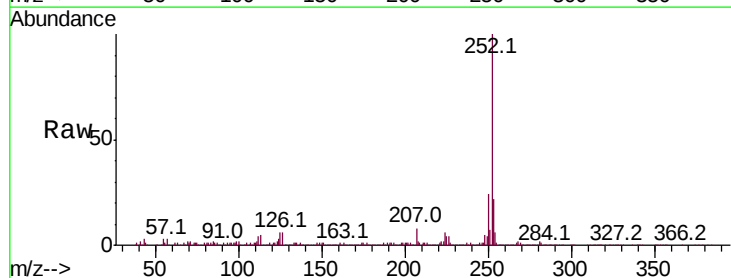
RT: 22.76 min Scan# 3361

Delta R.T. 0.02 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Tgt Ion:	252	Resp:	581250
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	6.2	8.4	12.6#

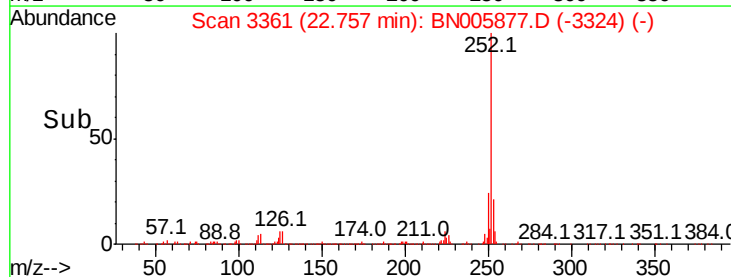
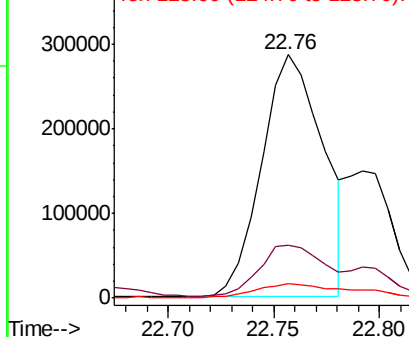


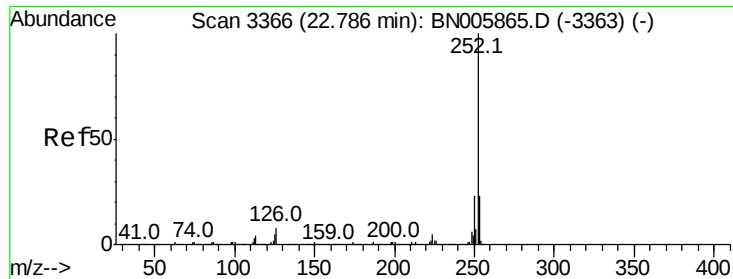
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 6.143 ng/ul m

RT: 22.79 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

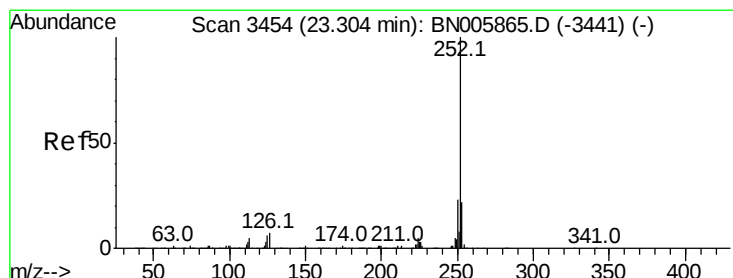
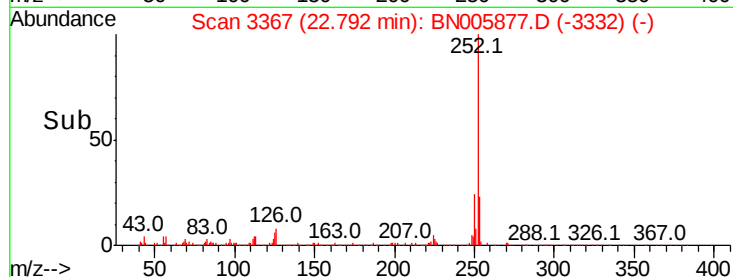
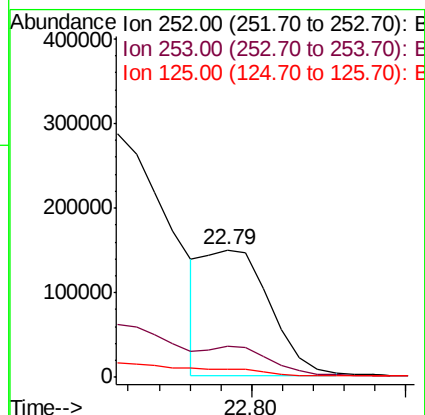
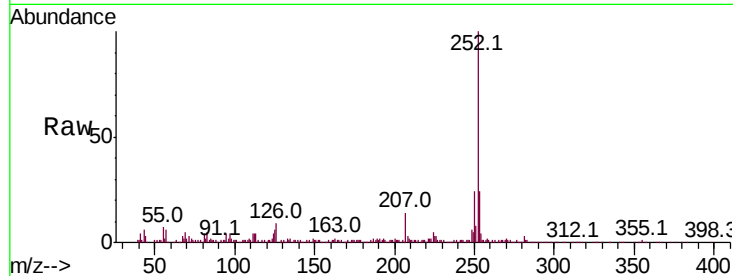
ClientSampleId :

A42A9

Tot Ion:	252	Resp:	221052
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	6.3	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 10.553 ng/ul m

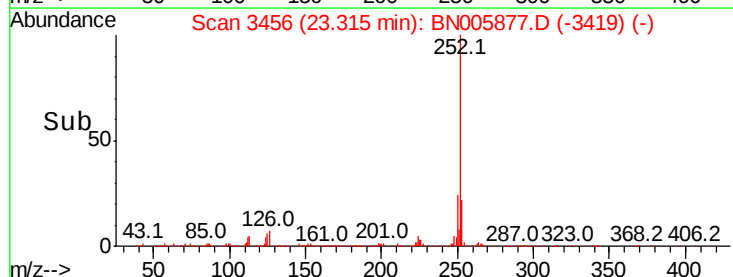
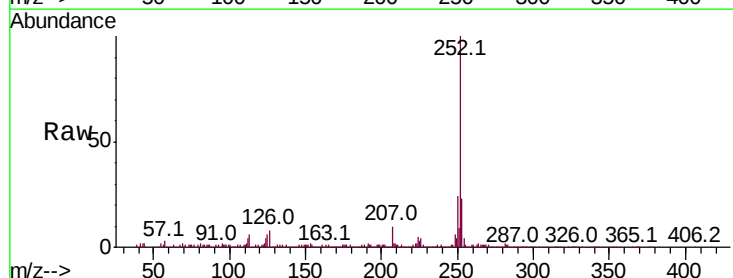
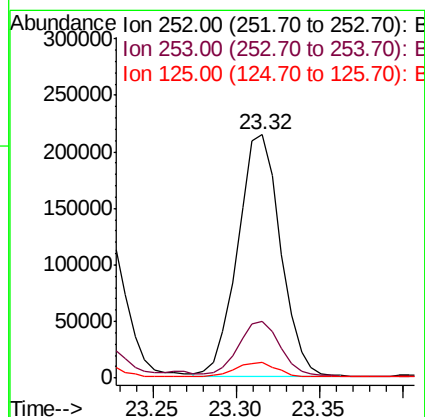
RT: 23.32 min Scan# 3456

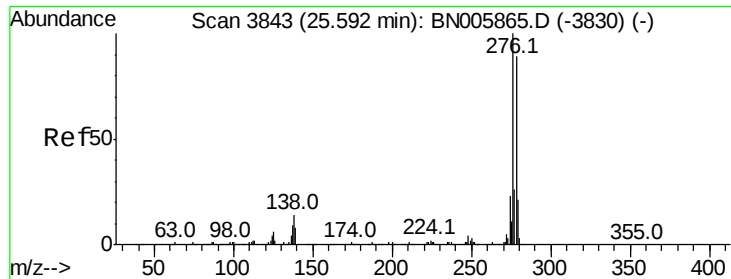
Delta R.T. 0.02 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Tgt Ion:	252	Resp:	379992
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	6.4	8.6	13.0#





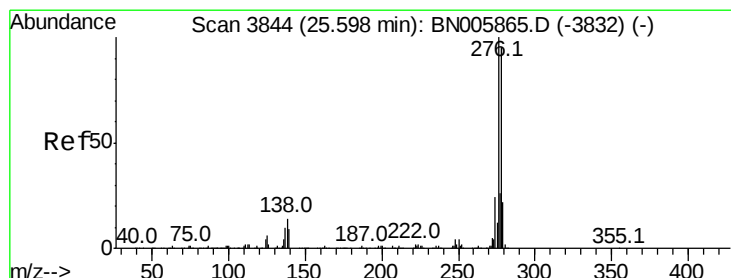
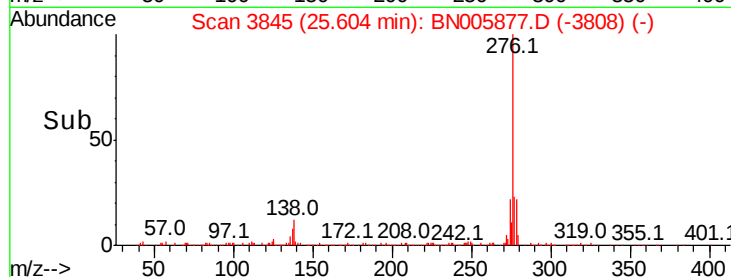
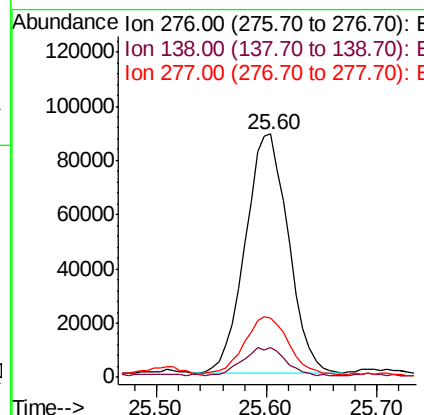
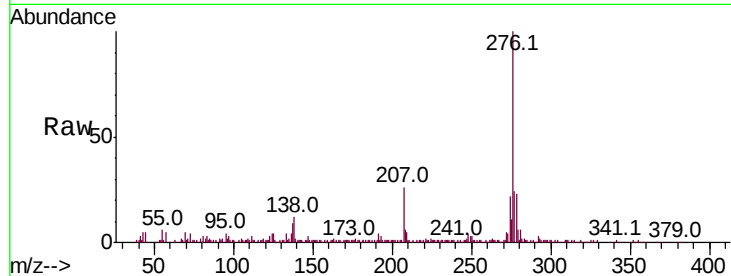
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.520 ng/u1
 RT: 25.60 min Scan# 3845
 Delta R.T. 0.02 min
 Lab File: BN005877.D
 Acq: 23 May 2019 07:00

Instrument :
 BNA_N
 ClientSampleId :
 A42A9

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.0	17.9	26.9#
277	24.4	19.7	29.5

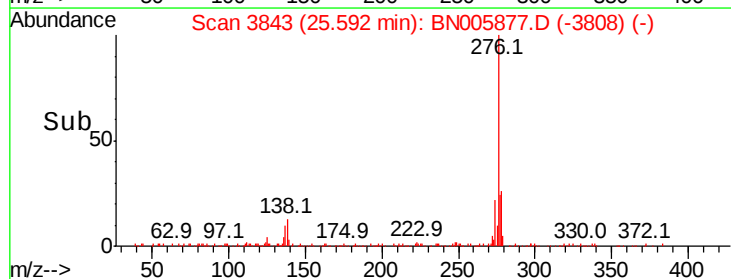
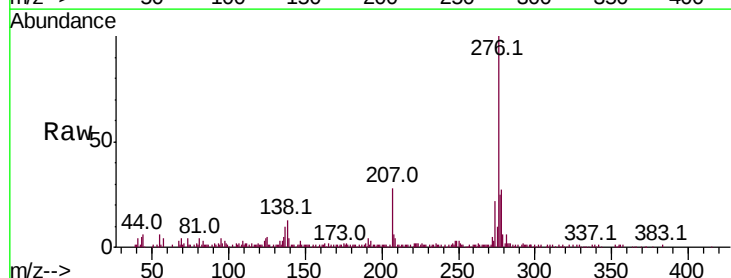
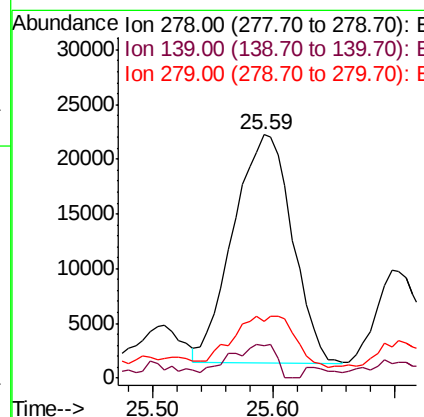
Manual Integrations
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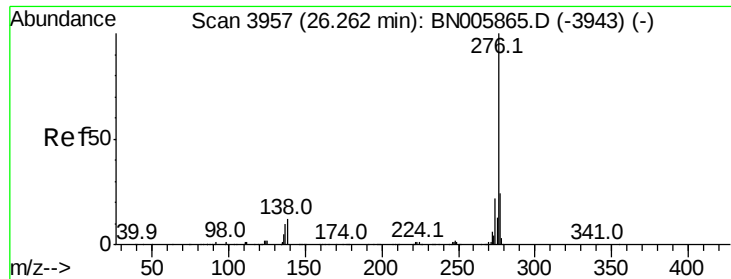
mohammad
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.909 ng/u1
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.01 min
 Lab File: BN005877.D
 Acq: 23 May 2019 07:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.1	19.7
279	23.1	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 4.535 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.02 min

Lab File: BN005877.D

Acq: 23 May 2019 07:00

Instrument :

BNA_N

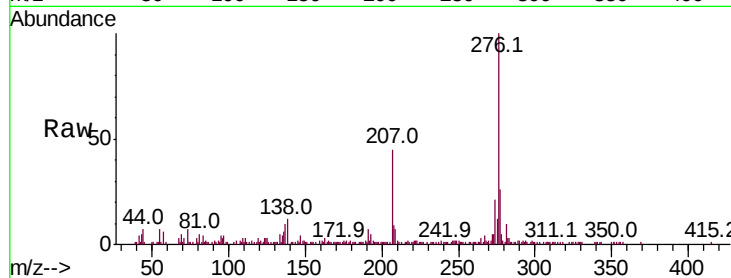
ClientSampleId :

A42A9

Tot Ion:	276	Resp:	166910
Ion Ratio	Lower	Upper	
276	100		
138	12.2	16.7	25.1#
277	25.7	18.2	27.2

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

