

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005873.D
 Acq On : 23 May 2019 04:42
 Operator : JU/SJ
 Sample : K2927-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B3

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:31:29 PM

Quant Time: May 23 07:16:33 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	81656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	355640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	242755	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	626234	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	683944	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	687699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7004	4.80	ng/uL	0.00
5) Phenol-d5	6.76	99	135974	21.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	86514	26.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	125124	24.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	115076	21.32	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	69338	26.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	68248	22.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	140136m	24.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	96748	15.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	513604	27.50	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	648691	28.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	18795m	7.14	ng/ul	0.04
57) Fluorene-d10	15.20	176	483188	30.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	13046	3.47	ng/ul	0.01
70) Anthracene-d10	17.06	188	790918	29.24	ng/ul	0.00
78) Pyrene-d10	19.37	212	928541	27.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	846582	27.44	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	245594	13.336	ng/ul	99
47) Acenaphthylene	13.92	152	37849	1.732	ng/ul	97
69) Phenanthrene	17.00	178	338228	10.896	ng/ul	99
71) Anthracene	17.09	178	82455	2.609	ng/ul	97
76) Fluoranthene	19.04	202	1019662	26.568	ng/ul#	89
79) Pyrene	19.40	202	1013495	24.131	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	639190	14.835	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.12	149	97036	3.975	ng/ul#	97
84) Chrysene	21.23	228	654518	16.114	ng/ul	98
87) Benzo(b)fluoranthene	22.74	252	774553m	20.473	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	246721m	6.740	ng/ul	
90) Benzo(a)pyrene	23.30	252	518115m	14.143	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	313979	7.010	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.58	278	93010	2.467	ng/ul#	92
93) Benzo(g,h,i)perylene	26.26	276	212849	5.685	ng/ul#	90

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

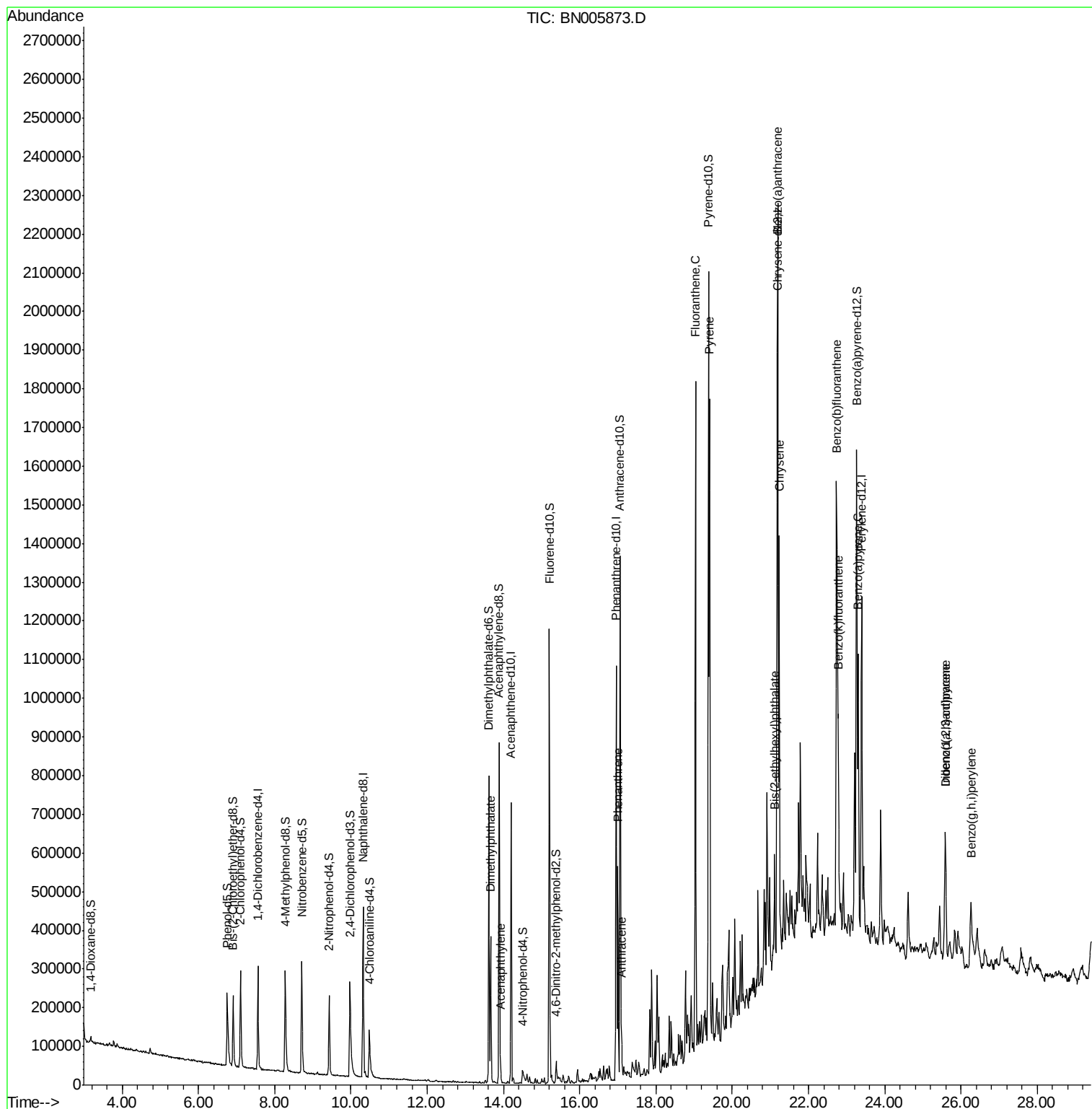
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005873.D
Acq On : 23 May 2019 04:42
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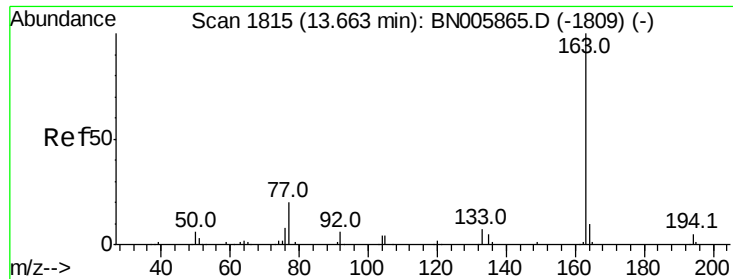
Instrument :
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Quant Title : SVOA CALIBRATION
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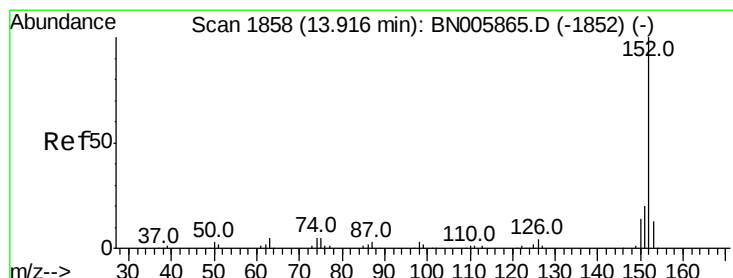
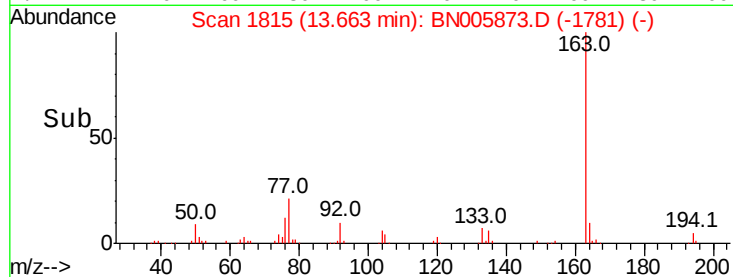
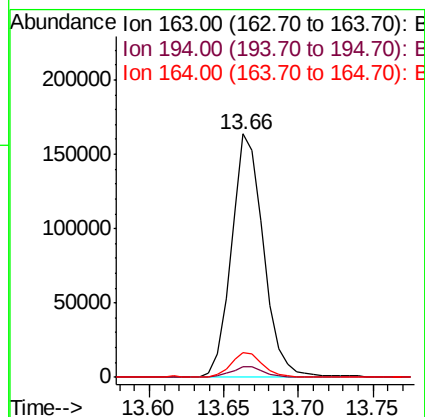
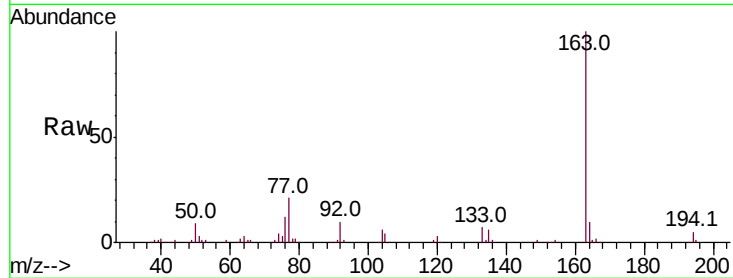
#44
Dimethylphthalate
Concen: 13.336 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN005873.D
Acq: 23 May 2019 04:42

Instrument :
BNA_N
ClientSampleId :
A42B3

Tot Ion:	163	Resp:	245594
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.0
164	10.3	8.1	12.1

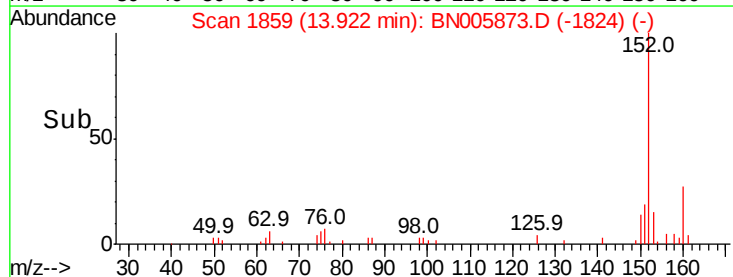
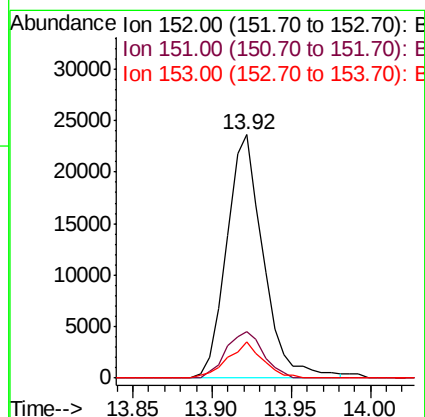
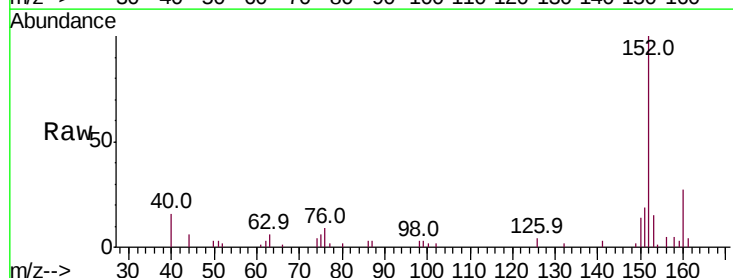
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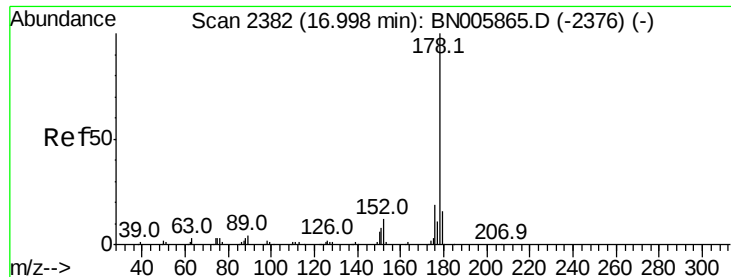
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#47
Acenaphthylene
Concen: 1.732 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. 0.01 min
Lab File: BN005873.D
Acq: 23 May 2019 04:42

Tgt Ion:	152	Resp:	37849
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.8	23.8
153	14.8	9.8	14.8





#69

Phenanthrene

Concen: 10.896 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

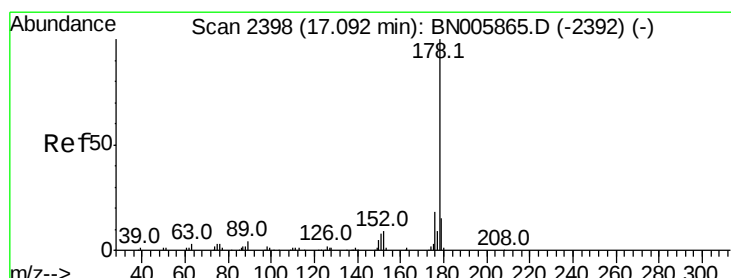
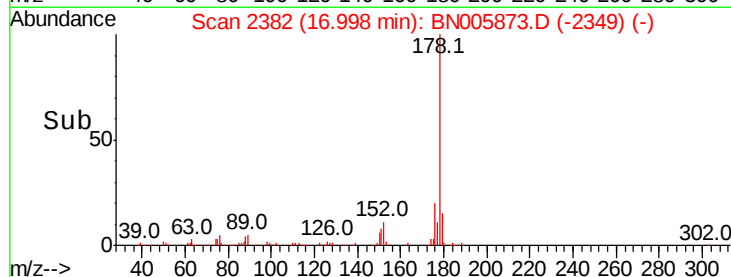
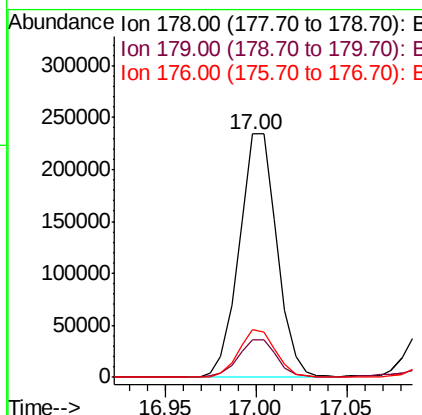
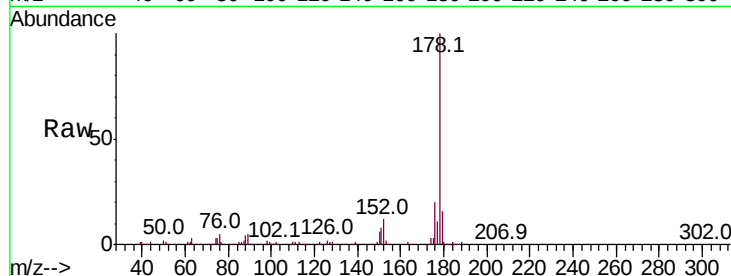
ClientSampleId :

A42B3

Tot Ion:178	Resp:	338228
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.2 18.4
176	19.8	15.1 22.7

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#71

Anthracene

Concen: 2.609 ng/ul

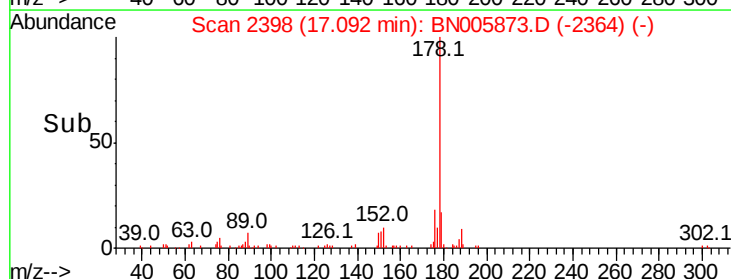
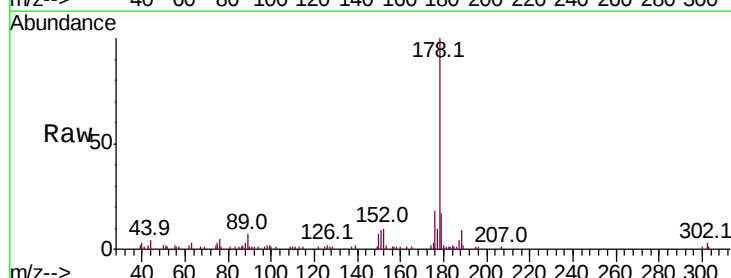
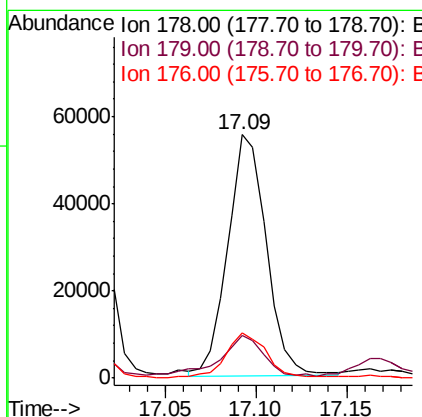
RT: 17.09 min Scan# 2398

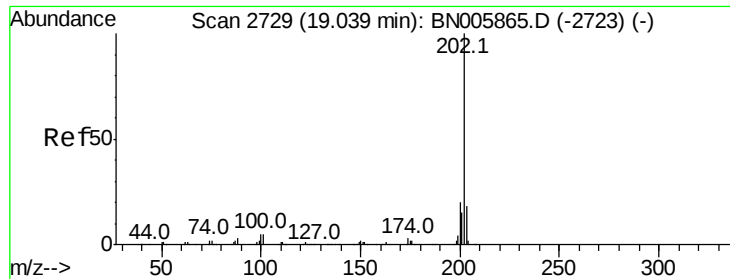
Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Tgt Ion:178	Resp:	82455
Ion Ratio	Lower	Upper
178	100	
179	17.5	12.3 18.5
176	18.4	15.1 22.7





#76

Fluoranthene

Concen: 26.568 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

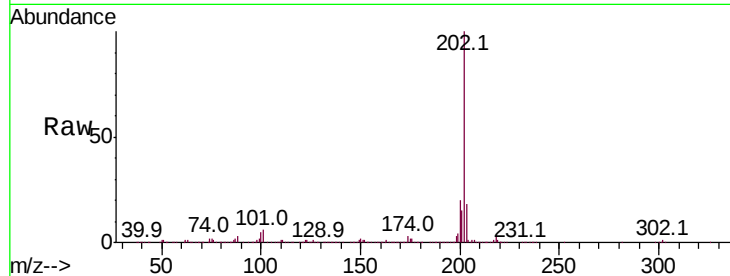
ClientSampled :

A42B3

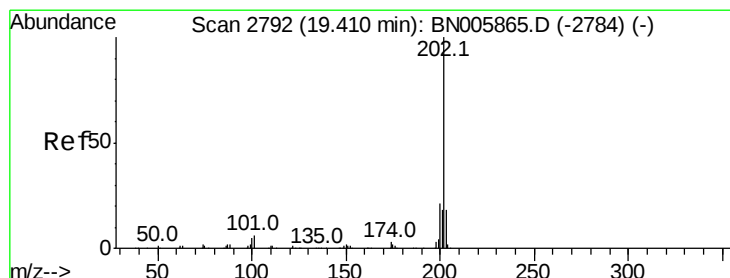
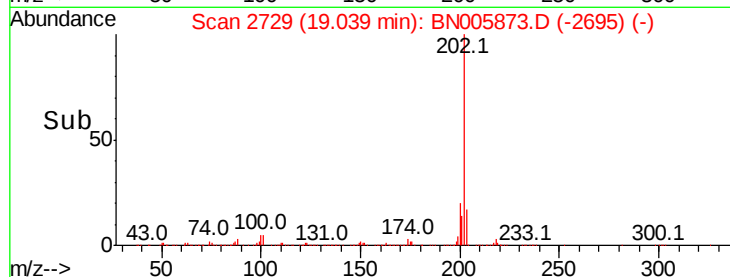
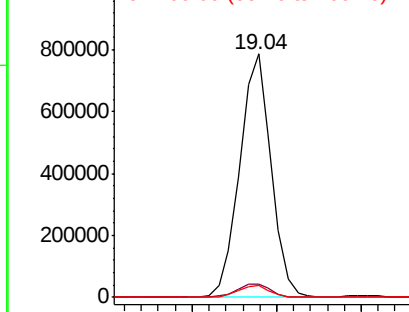
Tot Ion:	202	Resp:	1019662
Ion	Ratio	Lower	Upper
202	100		
101	5.7	8.6	12.8#
100	4.9	6.3	9.5#

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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: 24.131 ng/ul

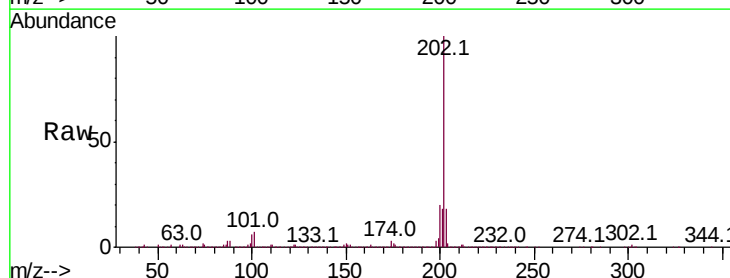
RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

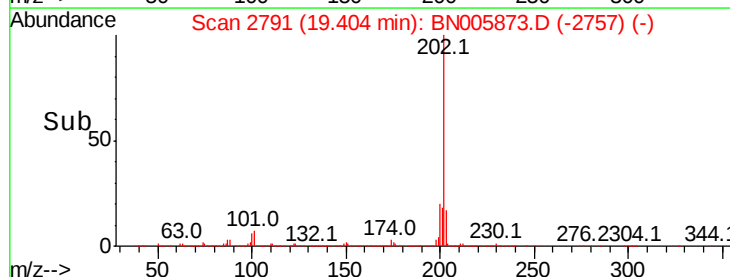
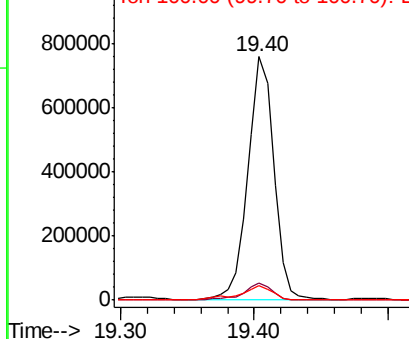
Lab File: BN005873.D

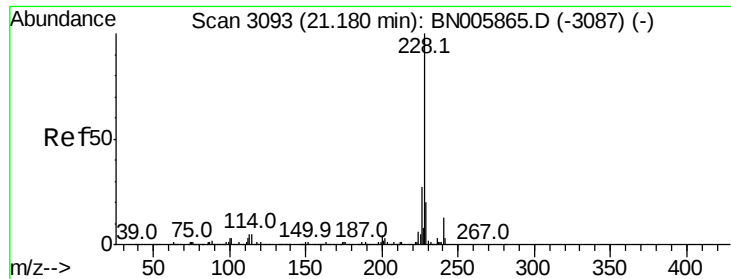
Acq: 23 May 2019 04:42

Tgt Ion:	202	Resp:	1013495
Ion	Ratio	Lower	Upper
202	100		
101	7.2	10.3	15.5#
100	6.0	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: 14.835 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

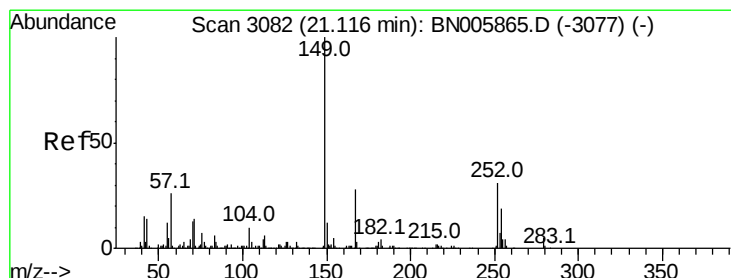
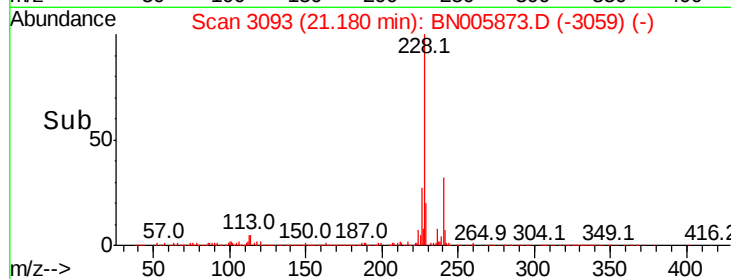
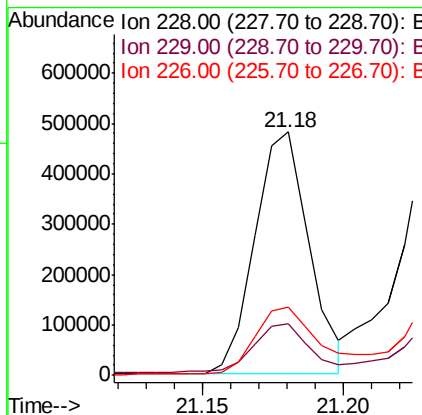
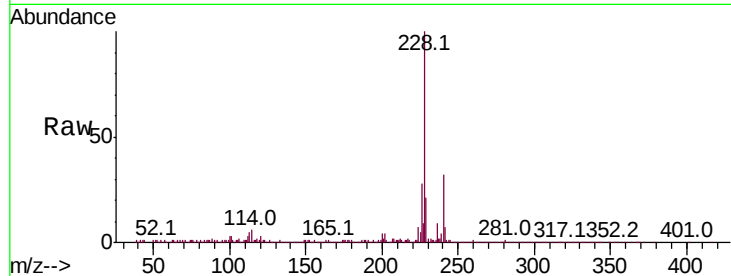
ClientSampleId :

A42B3

Tot Ion:	228	Resp:	639190
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.8	21.4	32.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.975 ng/ul

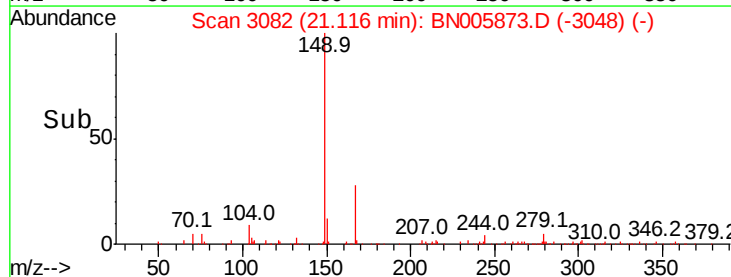
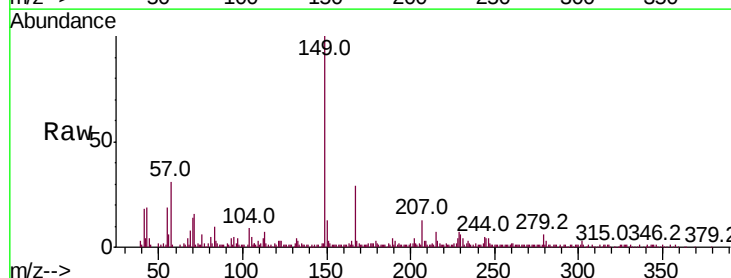
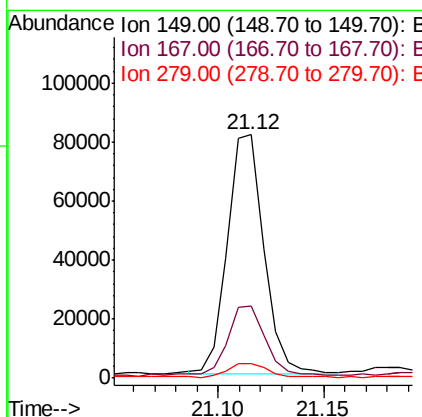
RT: 21.12 min Scan# 3082

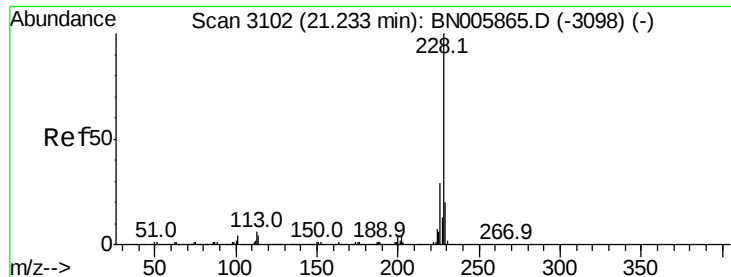
Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Tgt Ion:	149	Resp:	97036
Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.3	33.5
279	5.9	3.3	4.9#





#84

Chrysene

Concen: 16.114 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

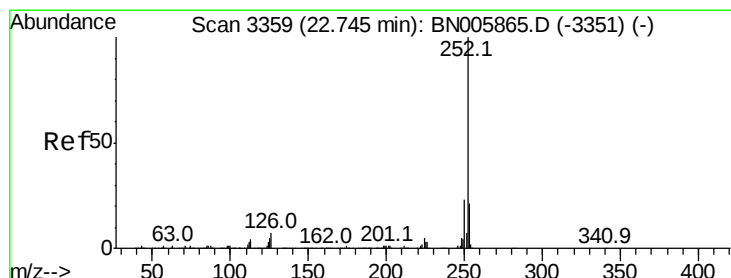
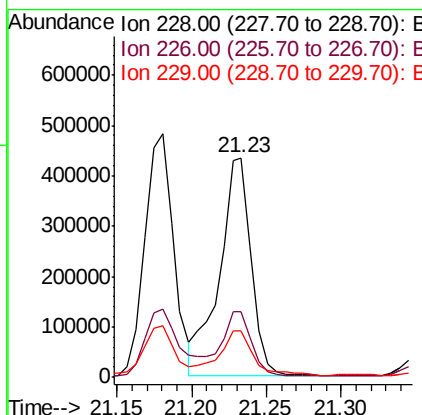
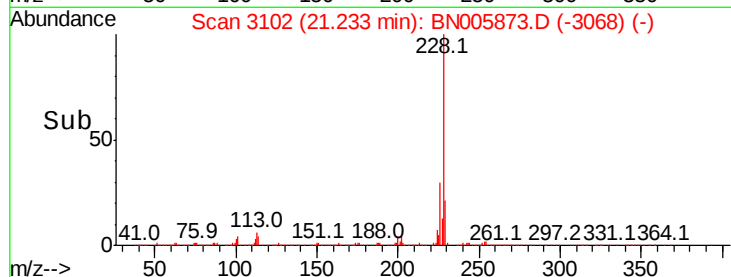
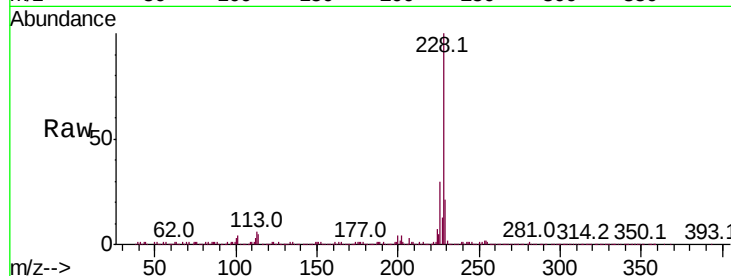
ClientSampleId :

A42B3

Tot Ion:	228	Resp:	654518
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.0	36.0
229	21.3	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 20.473 ng/ul m

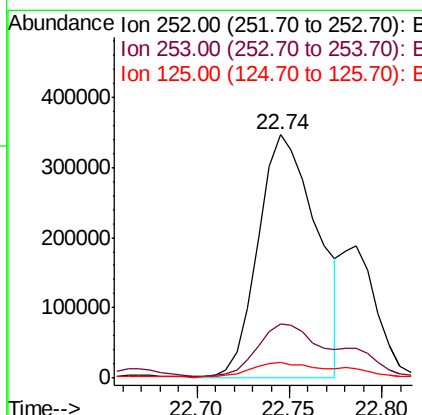
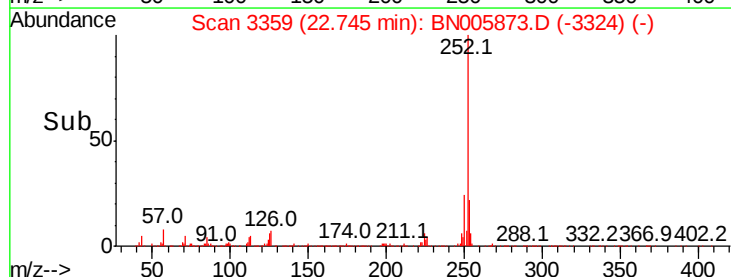
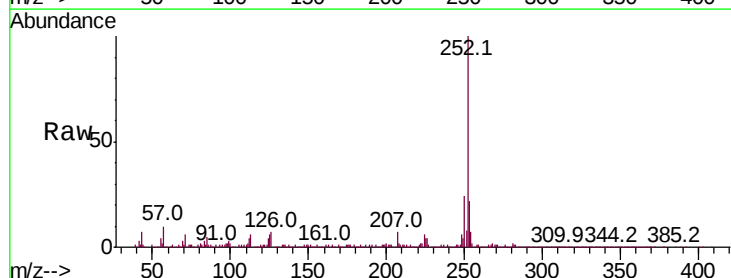
RT: 22.74 min Scan# 3359

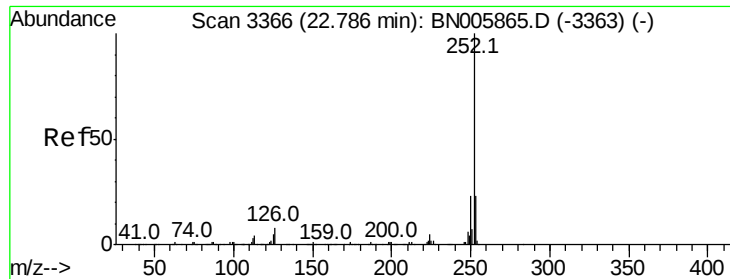
Delta R.T. 0.01 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Tgt Ion:	252	Resp:	774553
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	6.3	8.4	12.6#





#88

Benzo(k)fluoranthene

Concen: 6.740 ng/ul m

RT: 22.79 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

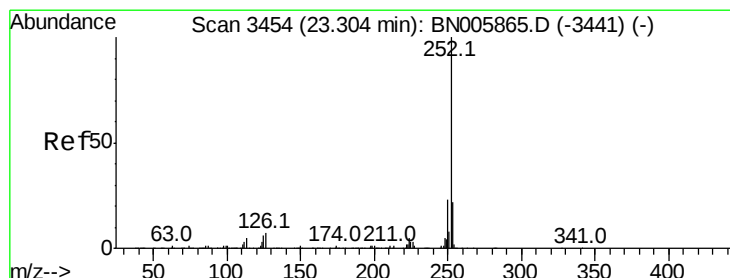
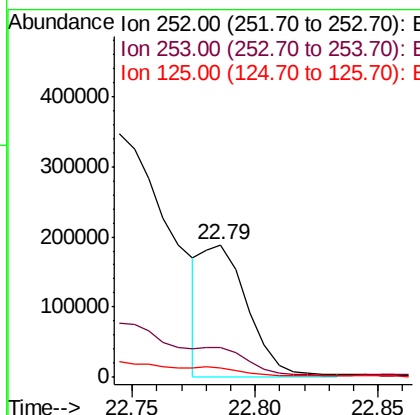
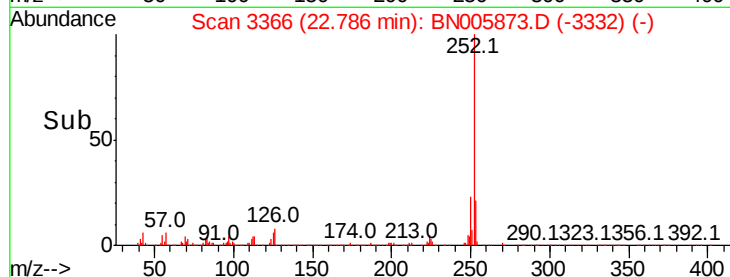
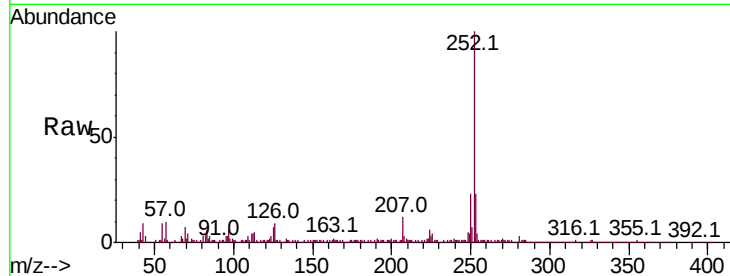
ClientSampleId :

A42B3

Tot Ion:	252	Resp:	246721
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	7.1	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 14.143 ng/ul m

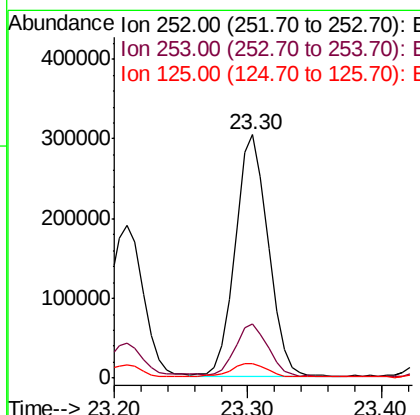
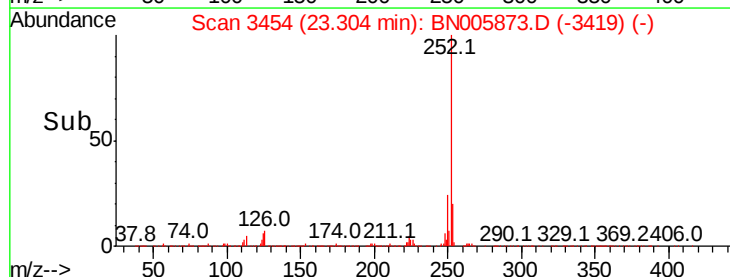
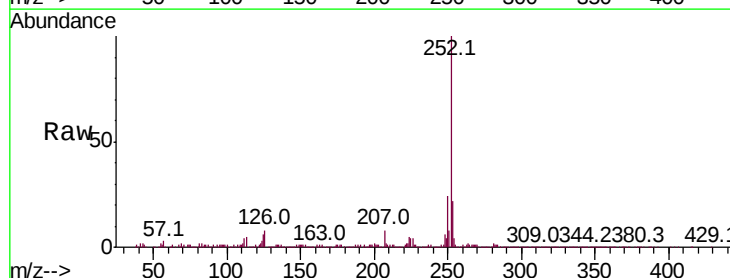
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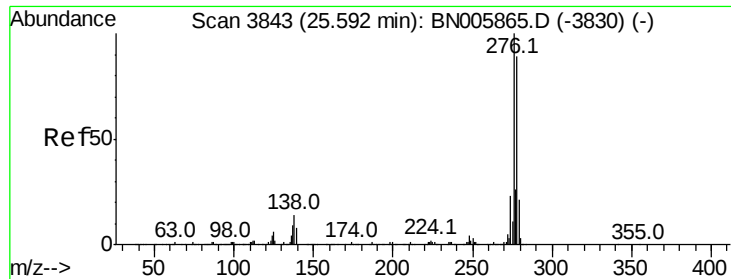
Delta R.T. 0.01 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Tgt Ion:	252	Resp:	518115
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	6.1	8.6	13.0#





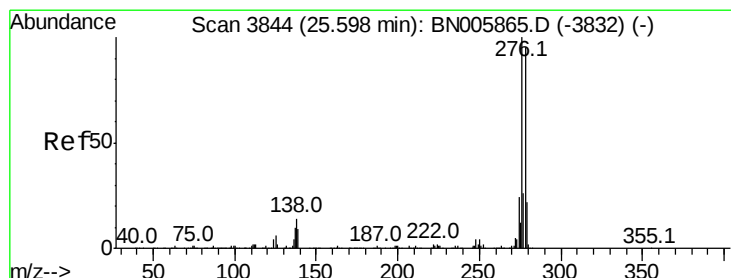
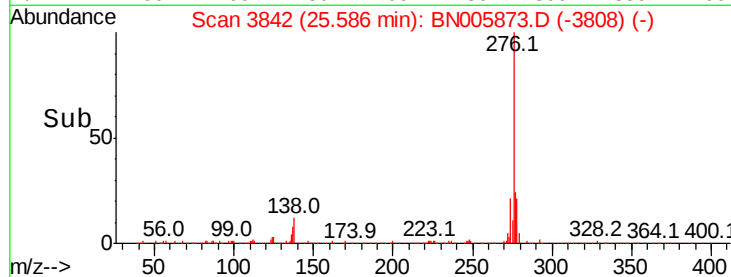
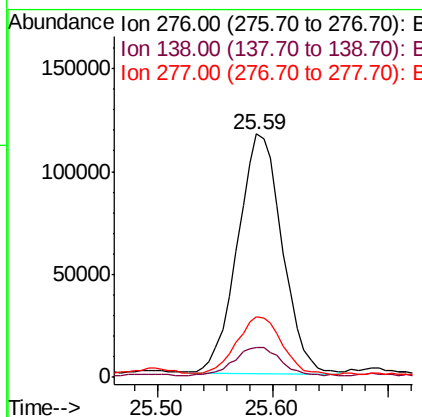
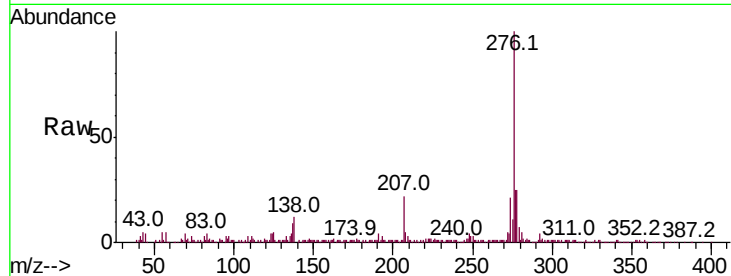
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 7.010 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.00 min
 Lab File: BN005873.D
 Acq: 23 May 2019 04:42

Instrument :
 BNA_N
 ClientSampleId :
 A42B3

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.1	17.9	26.9#
277	24.9	19.7	29.5

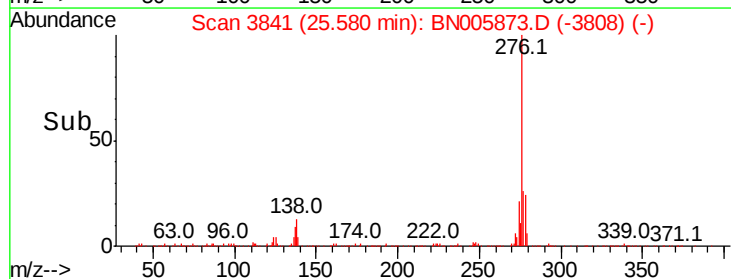
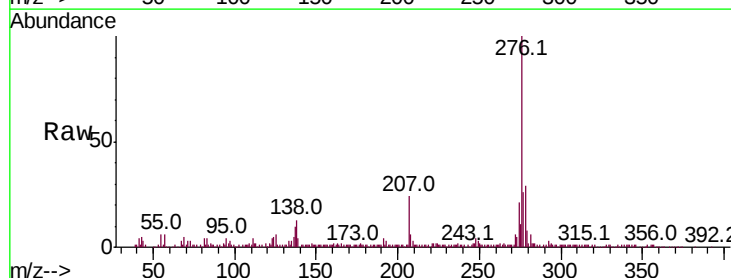
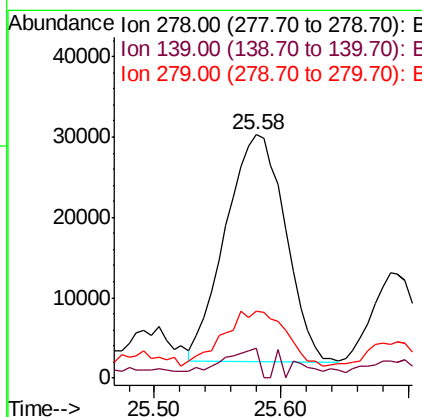
Manual Integrations
 APPROVED

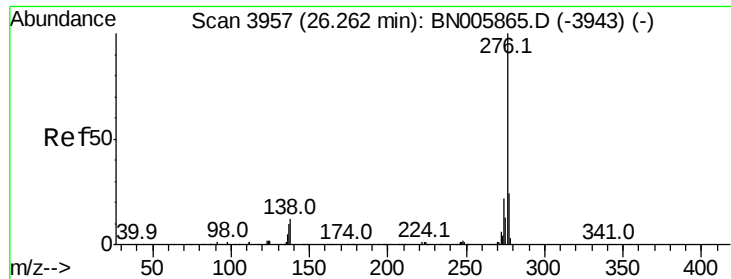
mohammad
 5/23/2019 3:31:29 PM



#92
 Dibenzo(a,h)anthracene
 Concen: 2.467 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.01 min
 Lab File: BN005873.D
 Acq: 23 May 2019 04:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	13.1	19.7#
279	27.7	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 5.685 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

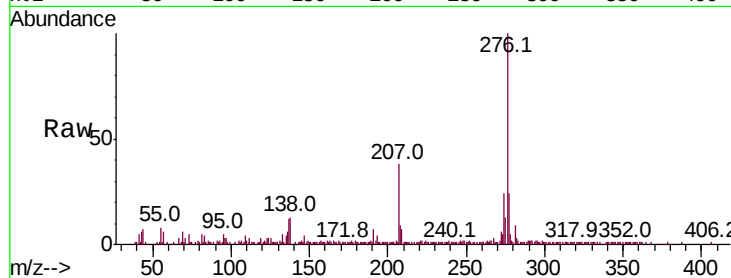
ClientSampleId :

A42B3

Tot Ion:	276	Resp:	212849
Ion Ratio	Lower	Upper	
276	100		
138	13.1	16.7	25.1#
277	24.3	18.2	27.2

Manual Integrations
APPROVED

mohammad
5/23/2019 3:31:29 PM



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

