

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005874.D
 Acq On : 23 May 2019 05:16
 Operator : JU/SJ
 Sample : K2927-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B4

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:31:35 PM

Quant Time: May 23 07:21:10 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	88926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	383669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	265300	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	666792	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	707471	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	688686	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7387	4.65	ng/uL	0.00
5) Phenol-d5	6.76	99	156692	22.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	93877	26.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	139105	25.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	130366	22.18	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	73197	26.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	79198	24.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	159446m	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	155096	22.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	605115	29.64	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	715818	28.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	48562m	16.89	ng/ul	0.02
57) Fluorene-d10	15.20	176	536811	30.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	25928	6.47	ng/ul	0.00
70) Anthracene-d10	17.06	188	875697	30.40	ng/ul	0.00
78) Pyrene-d10	19.37	212	1052587	30.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	920995	29.81	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.79	94	7366	1.051	ng/ul#	71
44) Dimethylphthalate	13.66	163	235547	11.703	ng/ul	100
47) Acenaphthylene	13.92	152	29257	1.225	ng/ul#	96
69) Phenanthrene	17.00	178	291827	8.829	ng/ul	100
71) Anthracene	17.09	178	64923	1.929	ng/ul	98
76) Fluoranthene	19.04	202	724208	17.722	ng/ul#	88
79) Pyrene	19.40	202	671001	15.445	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	397818	8.926	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.11	149	73318	2.903	ng/ul#	99
84) Chrysene	21.23	228	385201	9.168	ng/ul	96
87) Benzo(b)fluoranthene	22.75	252	451190	11.909	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	140232m	3.825	ng/ul	
90) Benzo(a)pyrene	23.30	252	313558m	8.547	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	189119	4.216	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.57	278	56396m	1.494	ng/ul	
93) Benzo(g,h,i)perylene	26.26	276	123913	3.305	ng/ul#	89

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

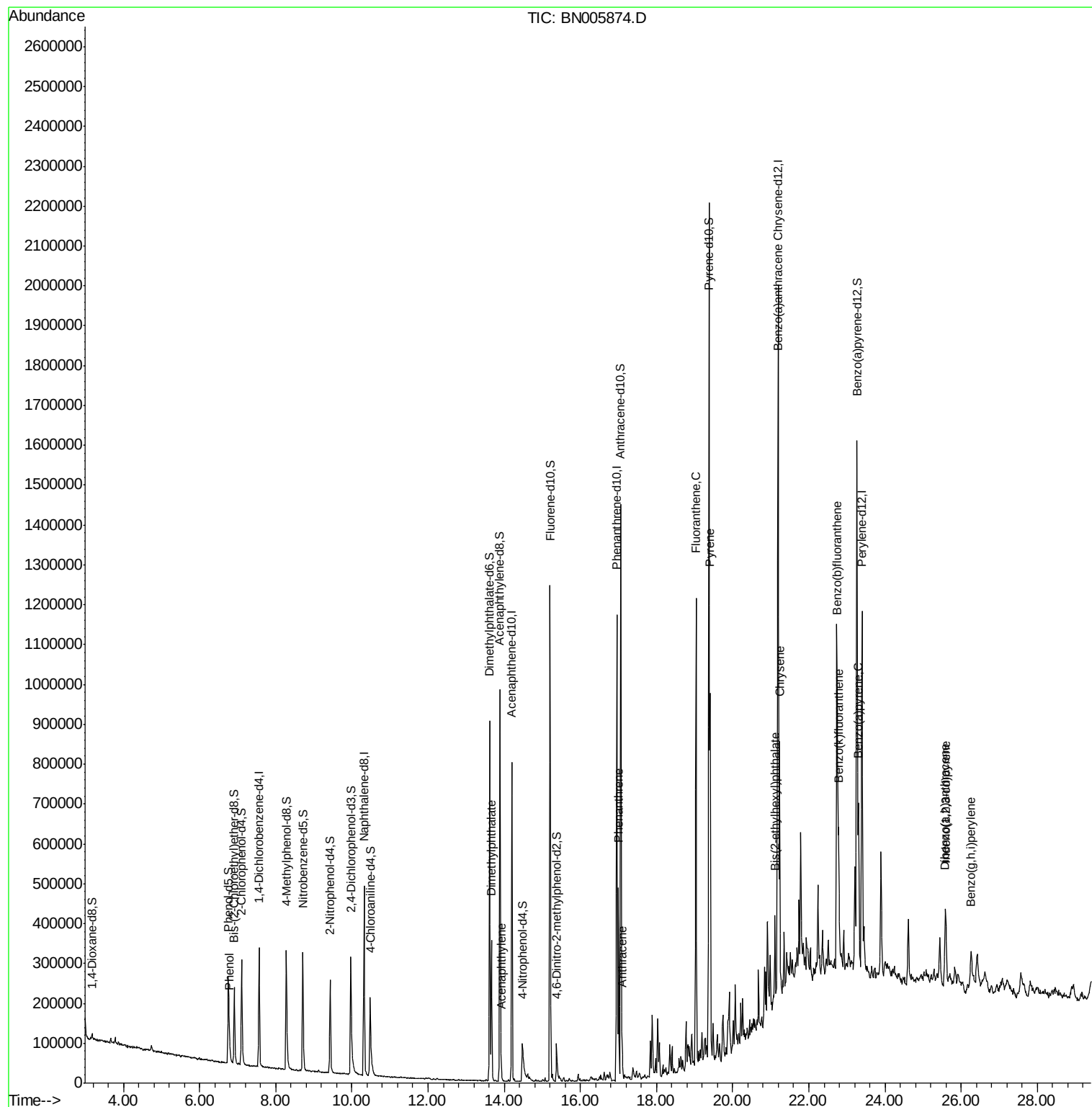
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005874.D
Acq On : 23 May 2019 05:16
Operator : JU/SJ
Sample : K2927-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

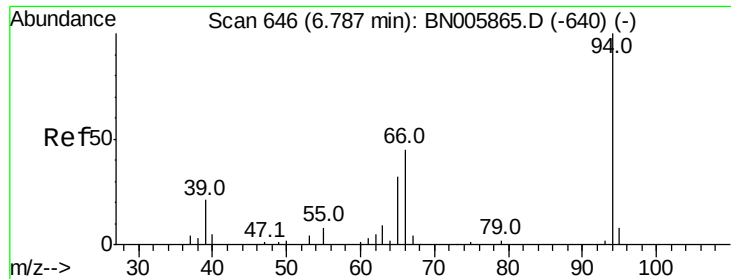
Instrument :
BNA_N
ClientSampleId :
A42B4

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5/23/2019 3:31:35 PM

Quant Time: May 23 07:21:10 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





#6

Phenol

Concen: 1.051 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampled :

A42B4

Tot Ion: 94 Resp: 7366

Ion Ratio Lower Upper

94 100

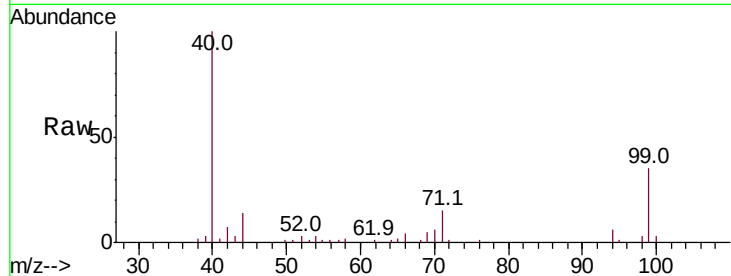
65 36.9 24.2 36.4#

66 68.6 33.8 50.6#

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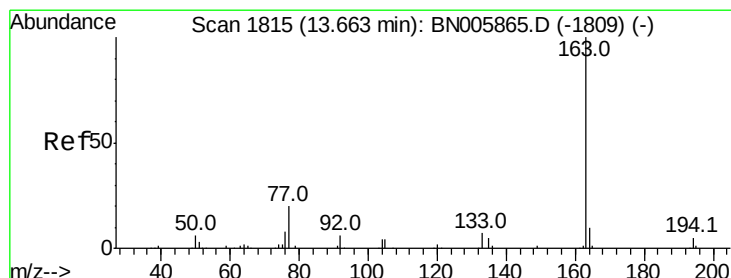
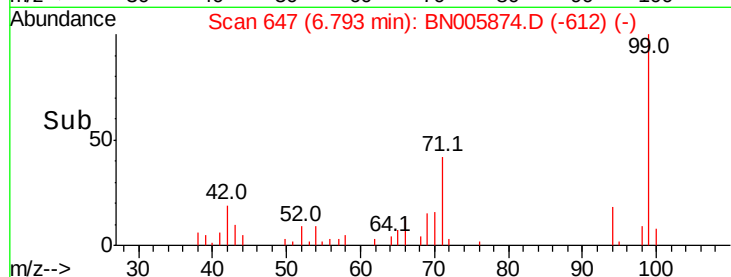
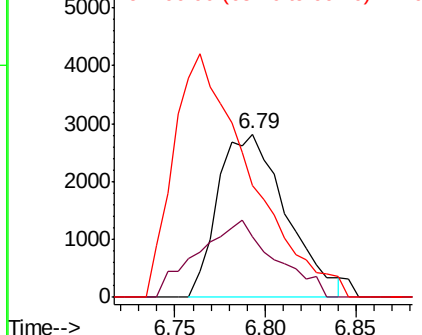
5/23/2019 3:31:35 PM



Abundance Ion 94.00 (93.70 to 94.70): BN005865.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BN005865.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BN005865.D (-640) (-)



#44

Dimethylphthalate

Concen: 11.703 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

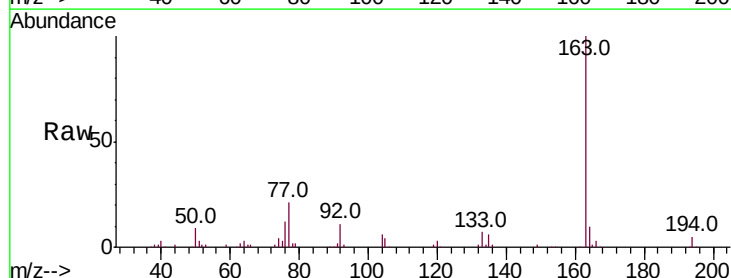
Tgt Ion:163 Resp: 235547

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

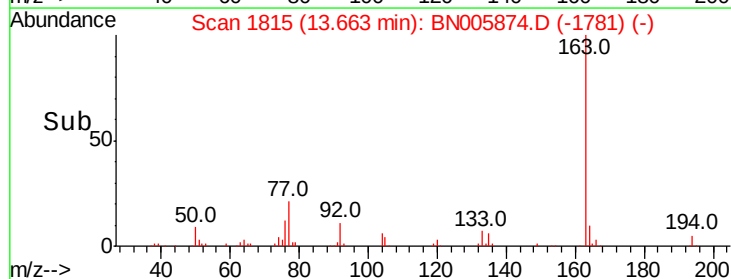
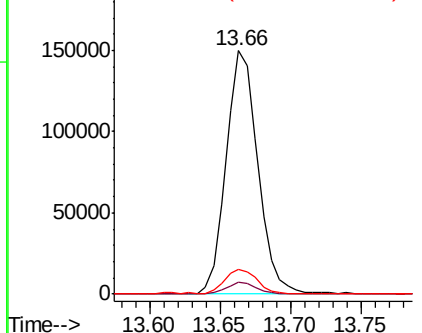
164 10.1 8.1 12.1

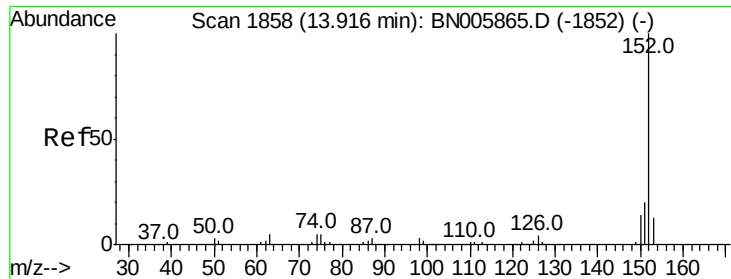


Abundance Ion 163.00 (162.70 to 163.70): BN005865.D (-1809) (-)

Ion 194.00 (193.70 to 194.70): BN005865.D (-1809) (-)

Ion 164.00 (163.70 to 164.70): BN005865.D (-1809) (-)





#47

Acenaphthylene

Concen: 1.225 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

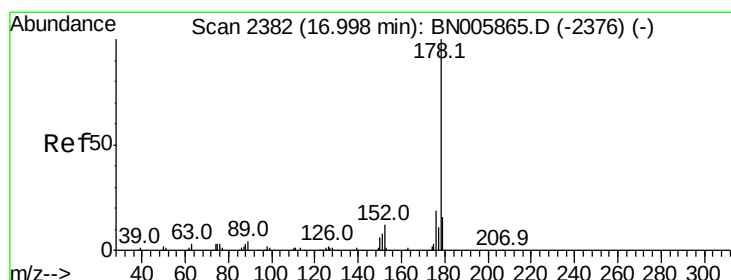
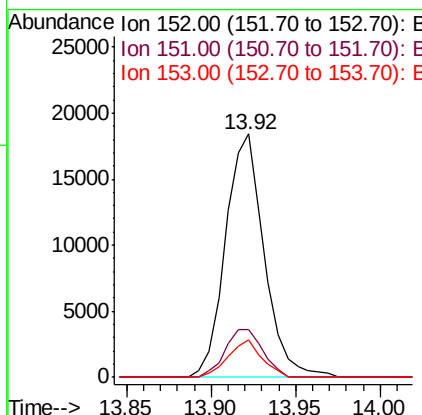
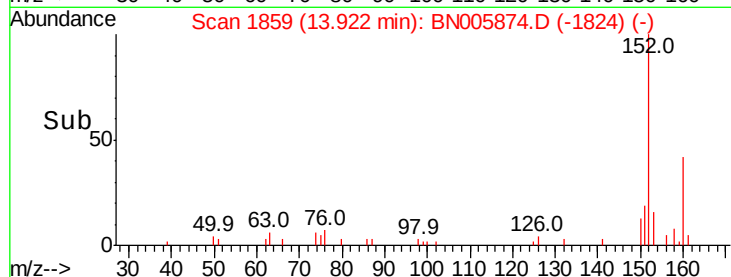
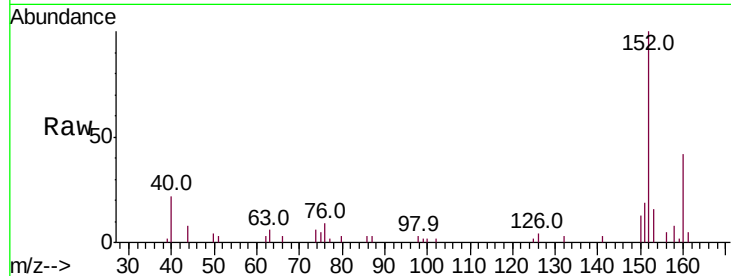
ClientSampleId :

A42B4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	15.5	9.8	14.8

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#69

Phenanthrene

Concen: 8.829 ng/ul

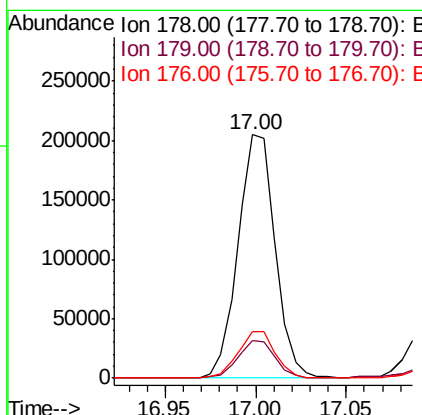
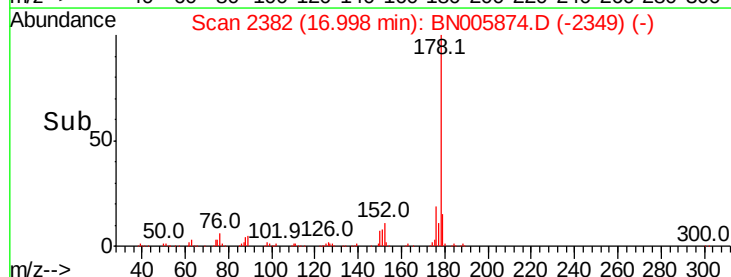
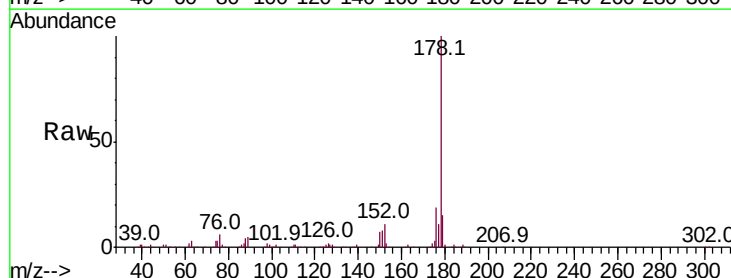
RT: 17.00 min Scan# 2382

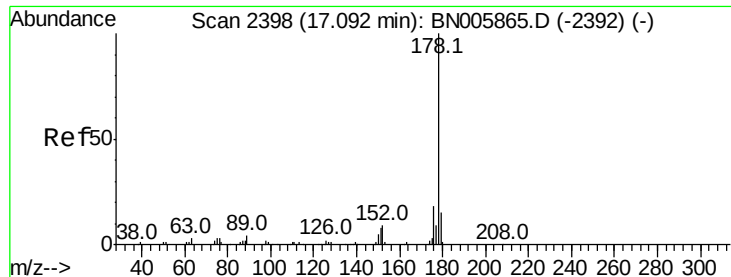
Delta R.T. -0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.1	22.7





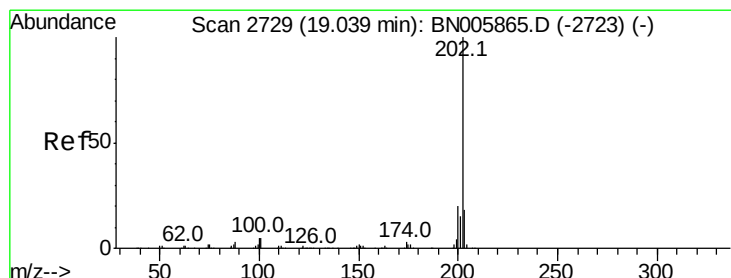
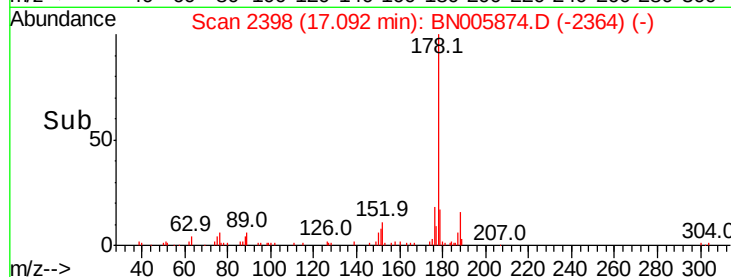
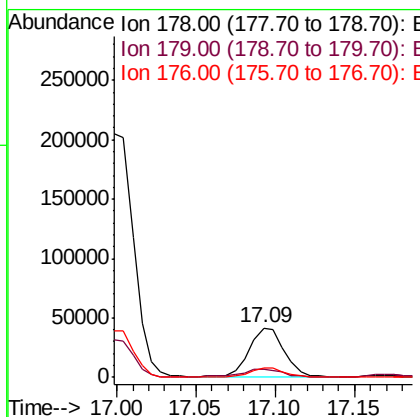
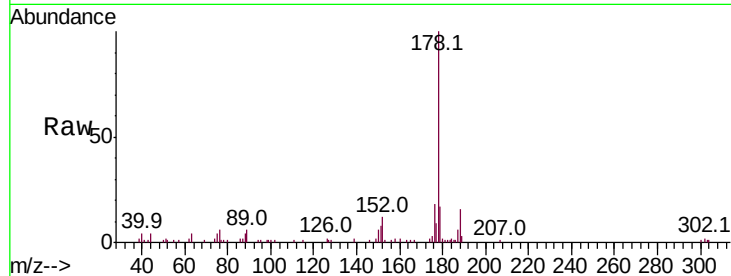
#71
 Anthracene
 Concen: 1.929 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BN005874.D
 Acq: 23 May 2019 05:16

Instrument :
 BNA_N
 ClientSampled :
 A42B4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	18.5	15.1	22.7

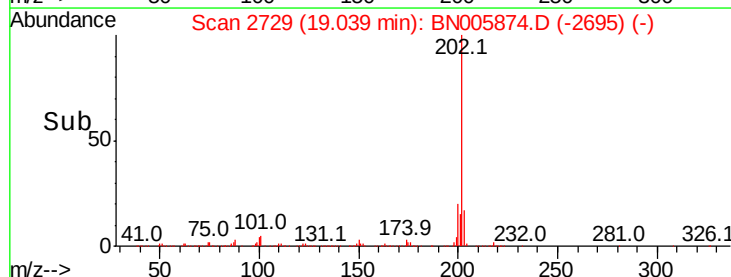
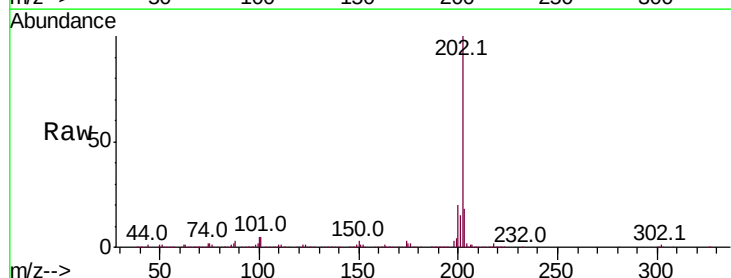
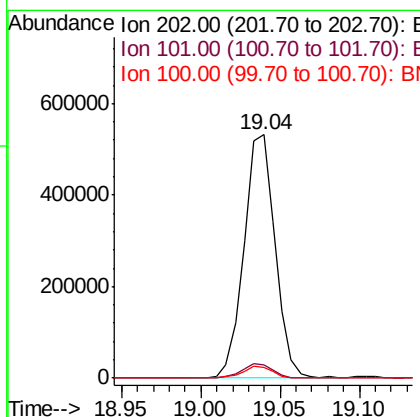
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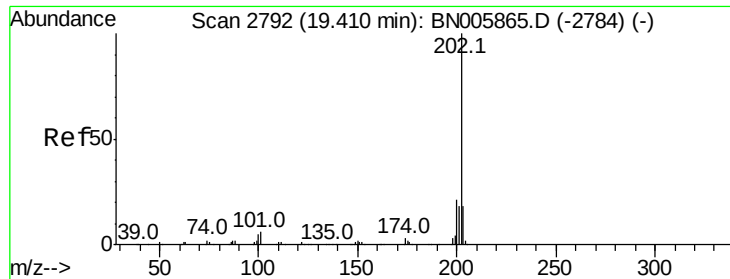
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#76
 Fluoranthene
 Concen: 17.722 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005874.D
 Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	8.6	12.8#
100	4.5	6.3	9.5#





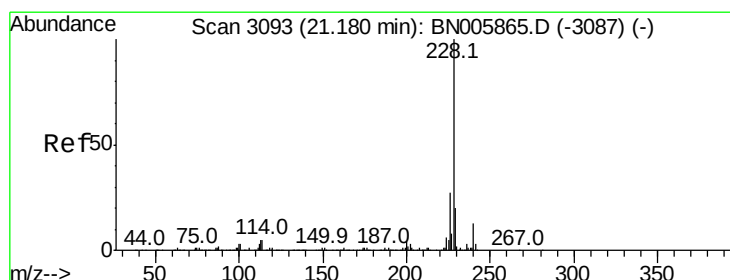
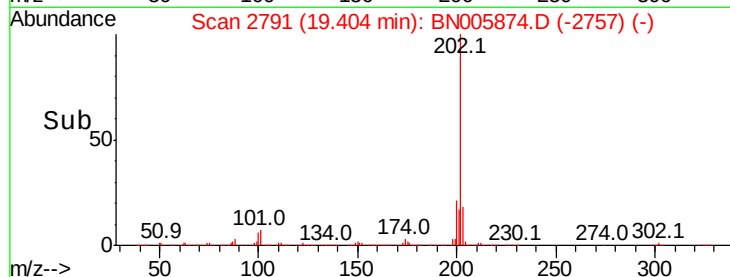
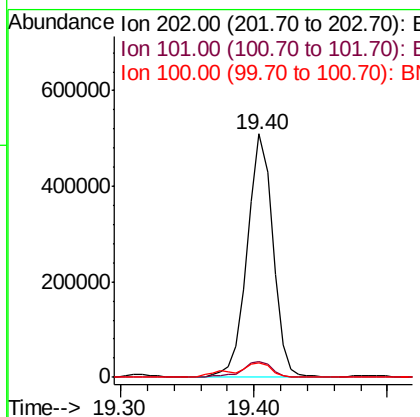
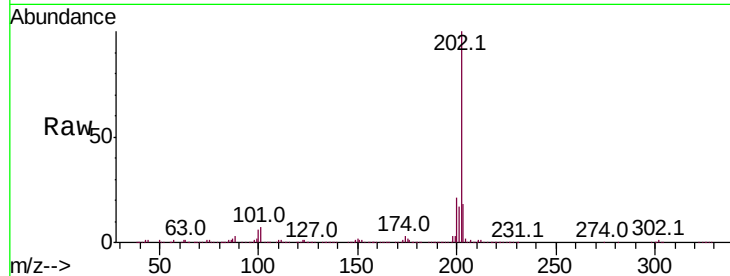
#79
Pvrene
Concen: 15.445 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Instrument :
BNA_N
ClientSampleId :
A42B4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	10.3	15.5#
100	6.1	7.9	11.9#

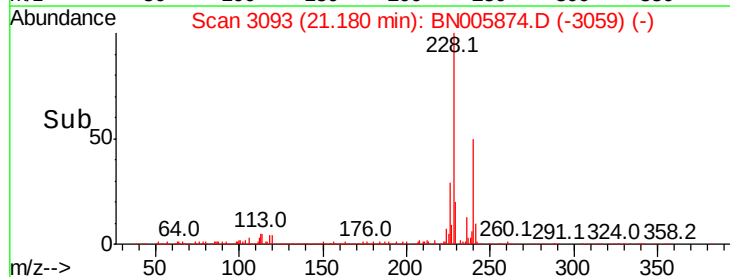
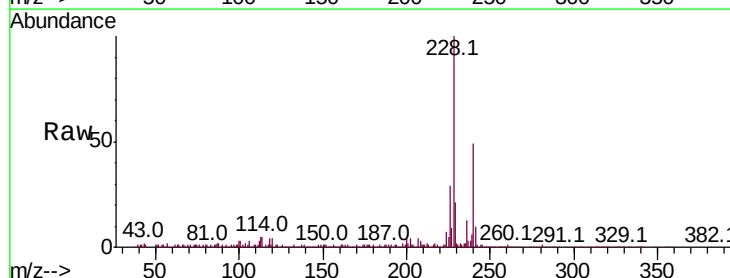
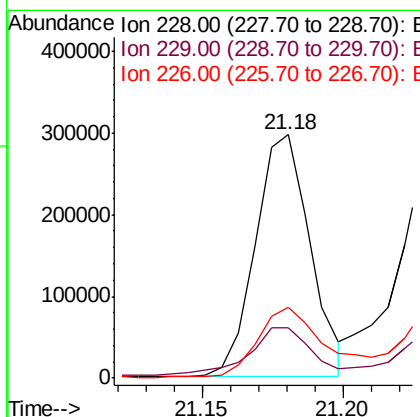
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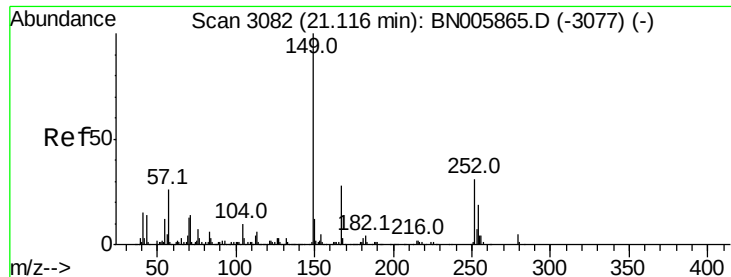
mohammad
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#82
Benzo(a)anthracene
Concen: 8.926 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.8	23.6
226	29.2	21.4	32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.903 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampleId :

A42B4

Tot Ion:149 Resp: 73318

Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

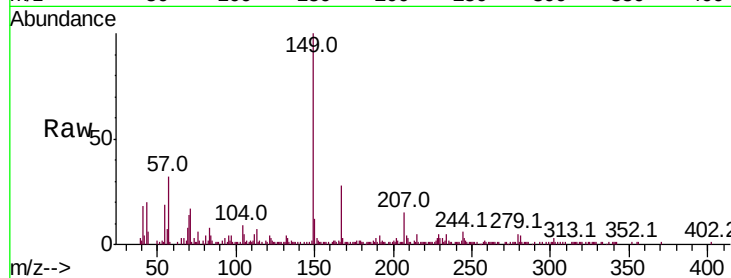
279 5.2 3.3 4.9#

Manual Integrations

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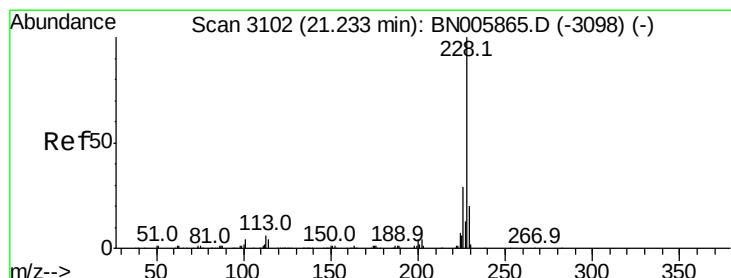
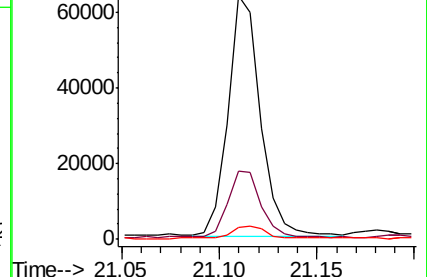
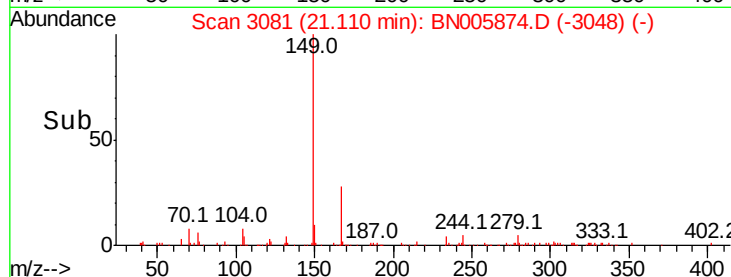
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 9.168 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

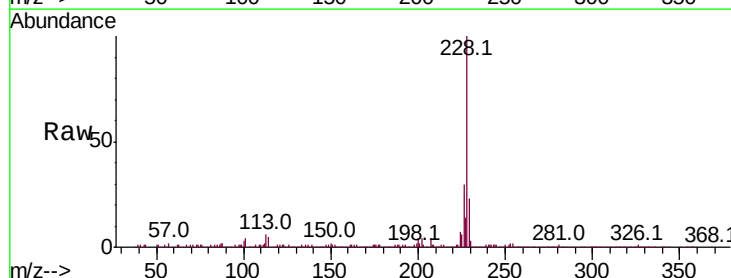
Tgt Ion:228 Resp: 385201

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

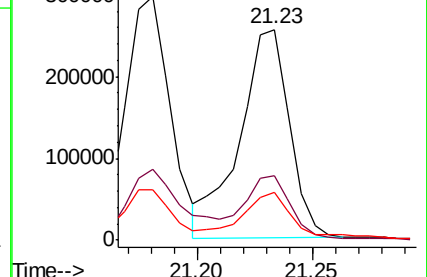
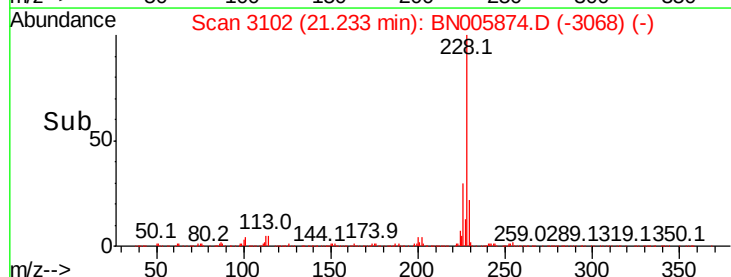
229 22.8 15.4 23.0

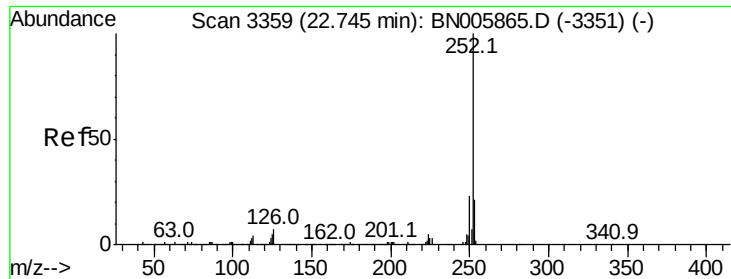


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 11.909 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

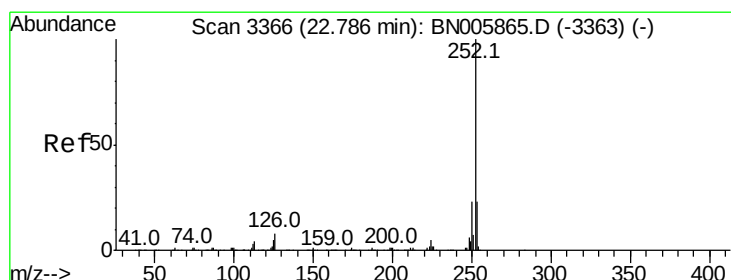
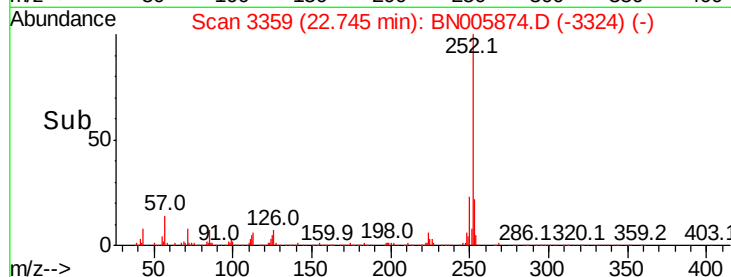
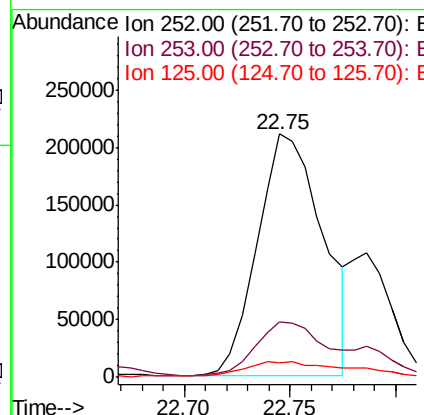
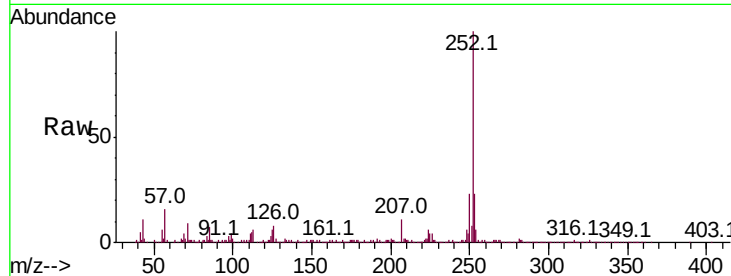
Instrument :
BNA_N

ClientSampled :
A42B4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	6.0	8.4	12.6

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#88

Benzo(k)fluoranthene

Concen: 3.825 ng/ul m

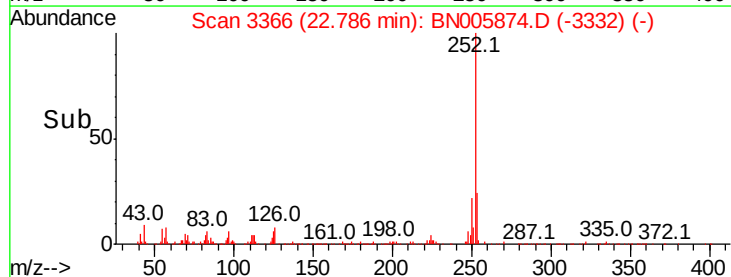
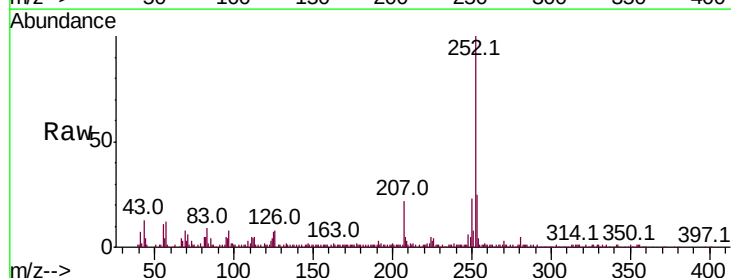
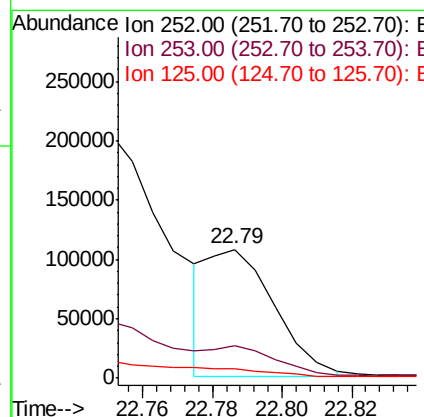
RT: 22.79 min Scan# 3366

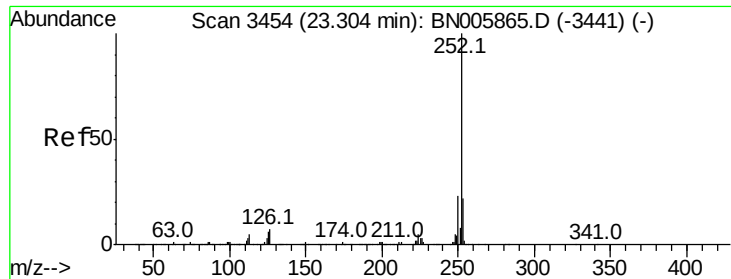
Delta R.T. -0.00 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.0
125	7.3	7.5	11.3





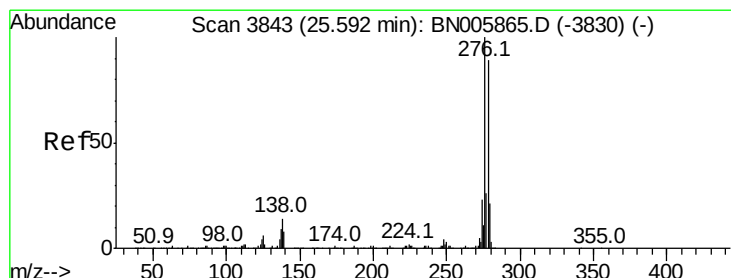
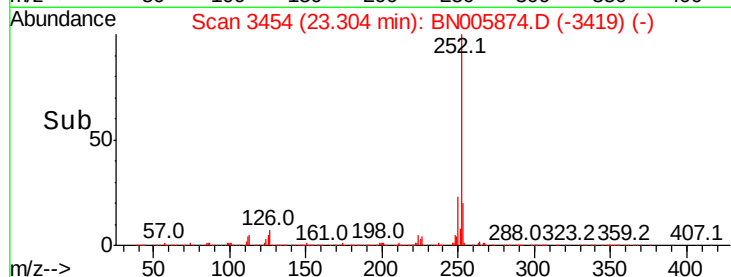
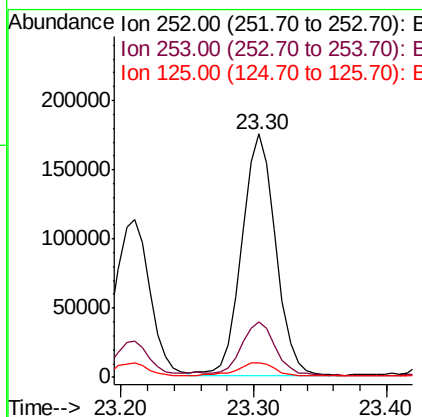
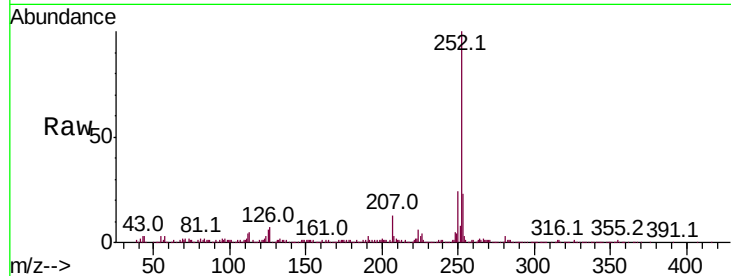
#90
Benzo(a)pyrene
Concen: 8.547 ng/ul m
RT: 23.30 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Instrument :
BNA_N
ClientSampleId :
A42B4

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.3	25.9
125	5.9	8.6	13.0#

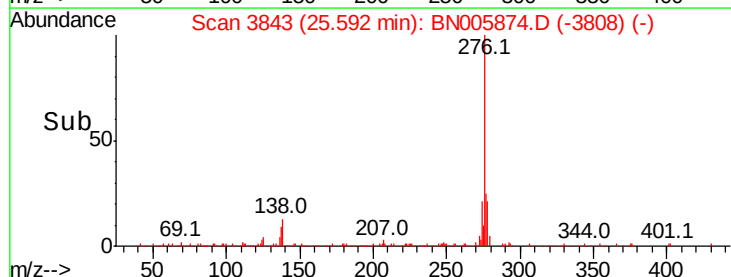
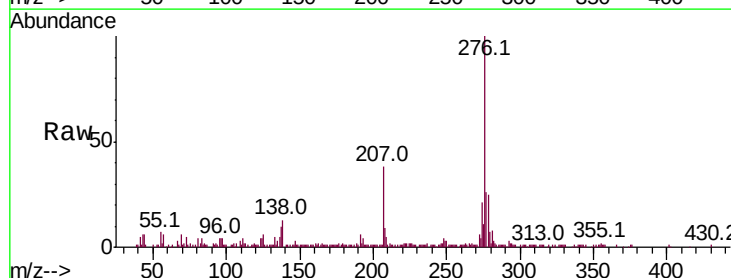
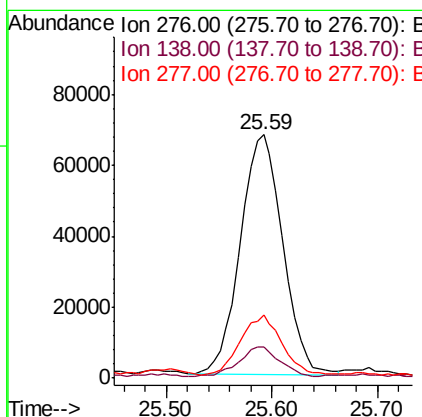
Manual Integrations
APPROVED

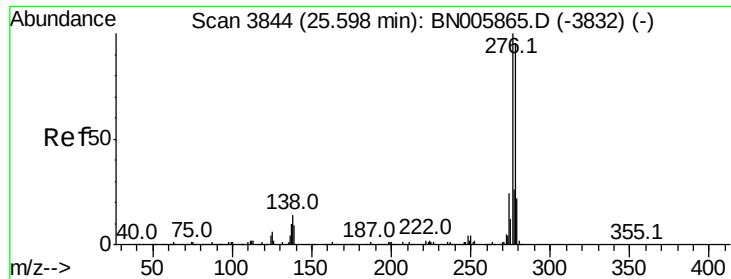
mohammad
5/23/2019 3:31:35 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 4.216 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.0	17.9	26.9#
277	25.7	19.7	29.5





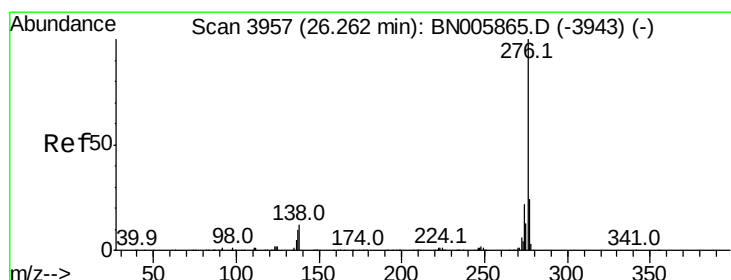
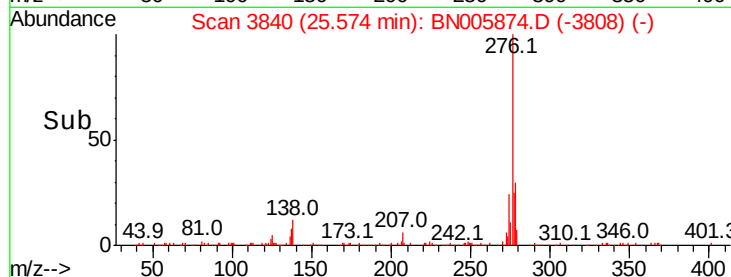
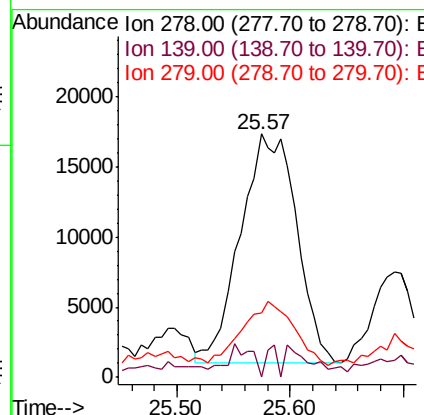
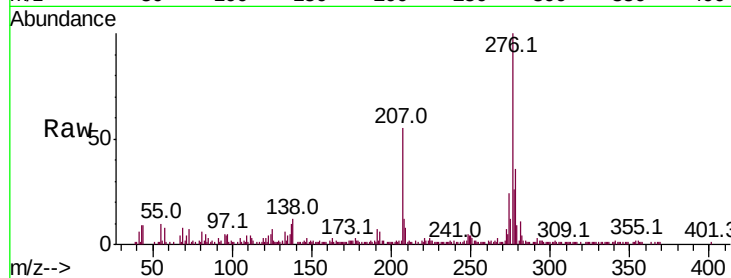
#92
Dibenzo(a,h)anthracene
Concen: 1.494 ng/ul m
RT: 25.57 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Instrument :
BNA_N
ClientSampleId :
A42B4

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.1	19.7#
279	26.6	19.4	29.0

Manual Integrations
APPROVED

mohammad
5/23/2019 3:31:35 PM



#93
Benzo(g,h,i)perylene
Concen: 3.305 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.01 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	16.7	25.1#
277	24.6	18.2	27.2

