

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005878.D
 Acq On : 23 May 2019 07:34
 Operator : JU/SJ
 Sample : K2927-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B0

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:31:47 PM

Quant Time: May 23 09:48:58 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	82620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	359994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	243765	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	602250	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	635373	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	608108	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7134	4.83	ng/uL	0.00
5) Phenol-d5	6.76	99	142740	22.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	88537	26.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	129744	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	117720	21.56	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	69642	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	73379	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	143203	24.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	111450	17.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	518931	27.67	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	636964	27.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	31984m	12.10	ng/ul	0.04
57) Fluorene-d10	15.20	176	477686	29.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	15318	4.23	ng/ul	0.01
70) Anthracene-d10	17.06	188	772347	29.69	ng/ul	0.00
78) Pyrene-d10	19.37	212	894762	28.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	757211	27.76	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.37	128	17953	1.044	ng/ul	96
44) Dimethylphthalate	13.66	163	247079	13.361	ng/ul	99
47) Acenaphthylene	13.92	152	88516	4.034	ng/ul	98
69) Phenanthrene	17.00	178	378562	12.681	ng/ul	99
71) Anthracene	17.09	178	118652	3.903	ng/ul	96
74) Carbazole	17.38	167	35680	1.331	ng/ul	99
76) Fluoranthene	19.04	202	953056	25.822	ng/ul#	89
79) Pyrene	19.40	202	909161	23.301	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	699010	17.463	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.12	149	115246	5.081	ng/ul#	98
84) Chrysene	21.23	228	687178	18.211	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	924885	27.646	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	254308m	7.856	ng/ul	
90) Benzo(a)pyrene	23.31	252	606724m	18.729	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	395478	9.985	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.60	278	120571	3.616	ng/ul#	82
93) Benzo(g,h,i)perylene	26.27	276	267363	8.076	ng/ul#	88

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

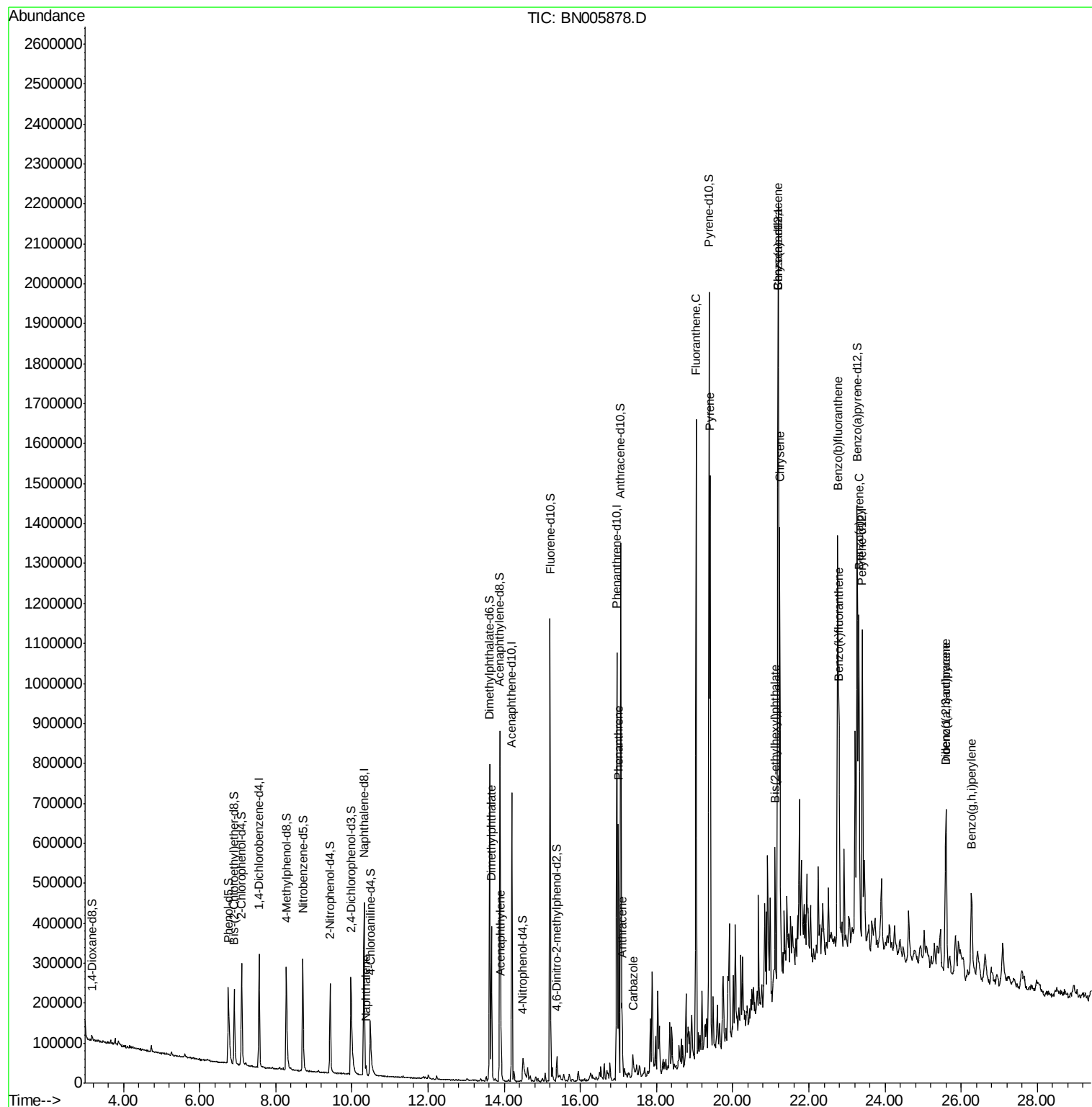
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005878.D
Acq On : 23 May 2019 07:34
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Sample : K2927-13
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ALS Vial : 27 Sample Multiplier: 1

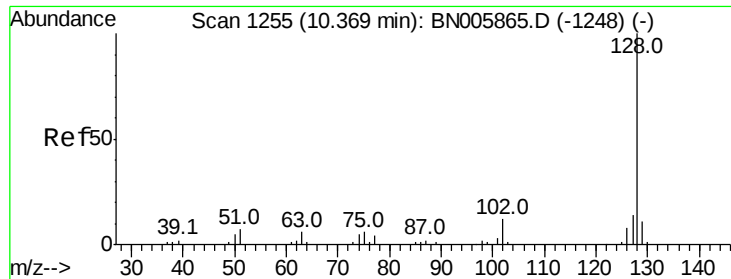
Instrument :
BNA_N
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A42B0

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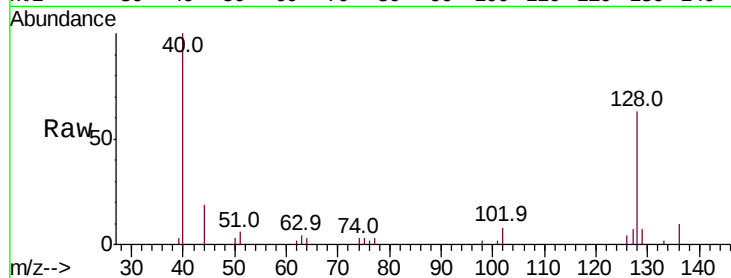
#28
Naphthalene
Concen: 1.044 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Instrument :
BNA_N
ClientSampleId :
A42B0

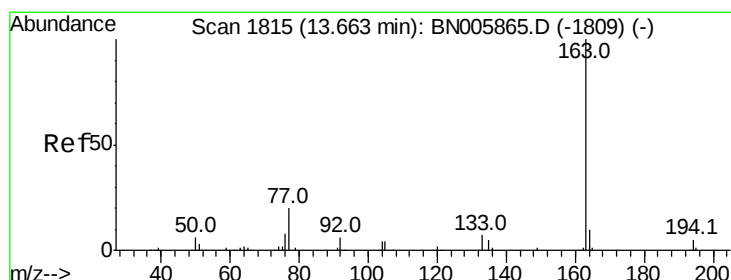
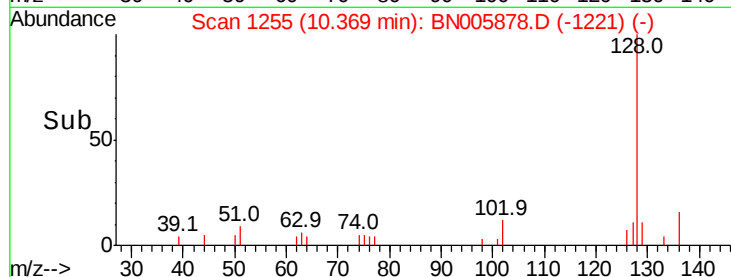
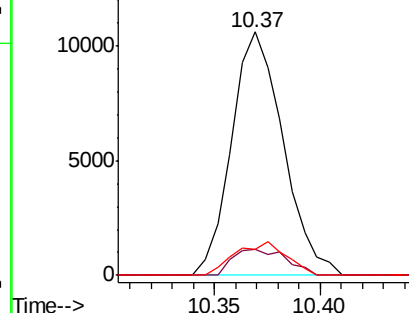
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	10.9	10.7	16.1

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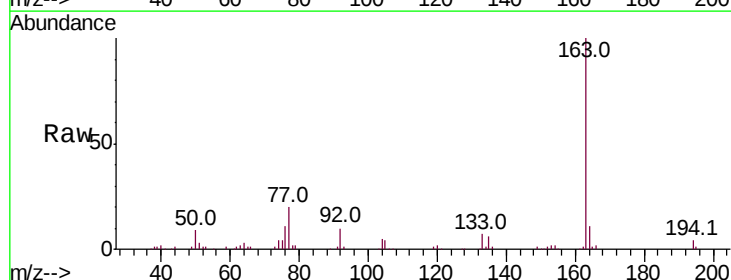


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

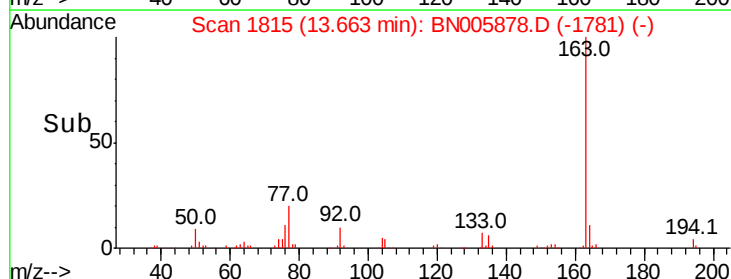
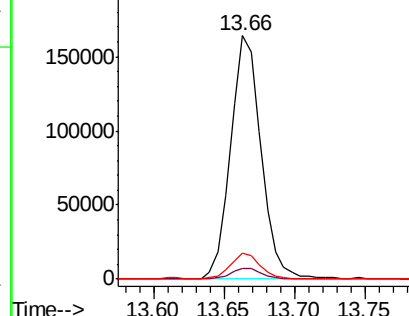


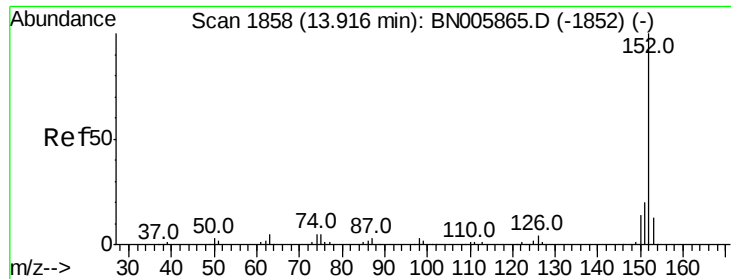
#44
Dimethylphthalate
Concen: 13.361 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.5	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 4.034 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

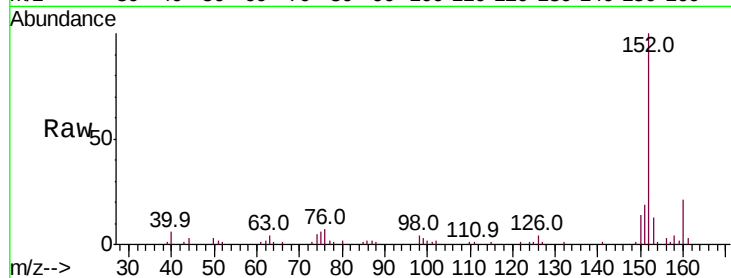
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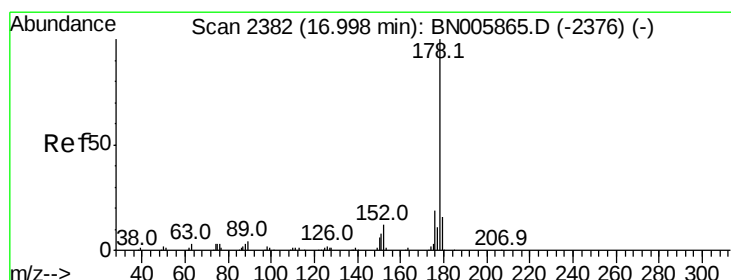
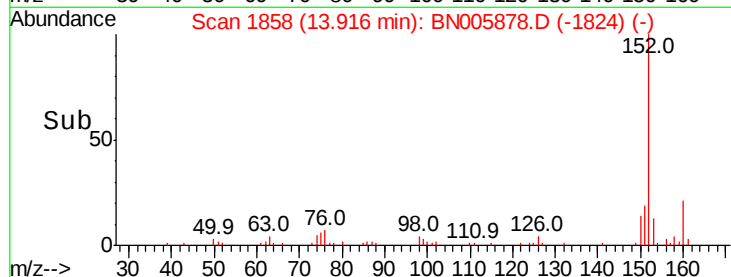
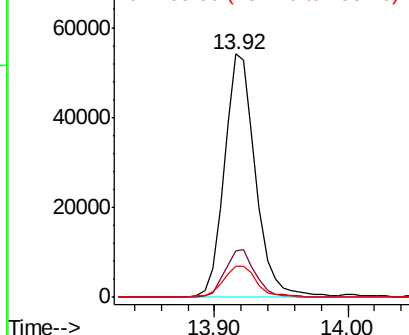
Tot Ion:	152	Resp:	88516
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.8	23.8
153	12.8	9.8	14.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 12.681 ng/ul

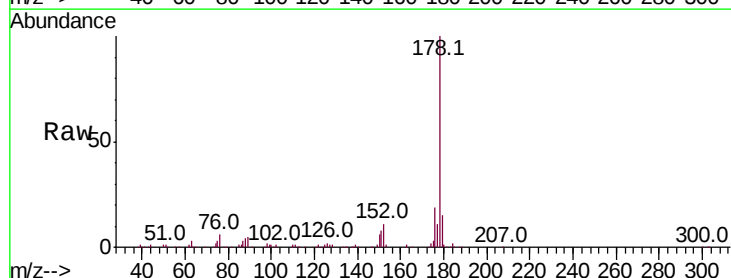
RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

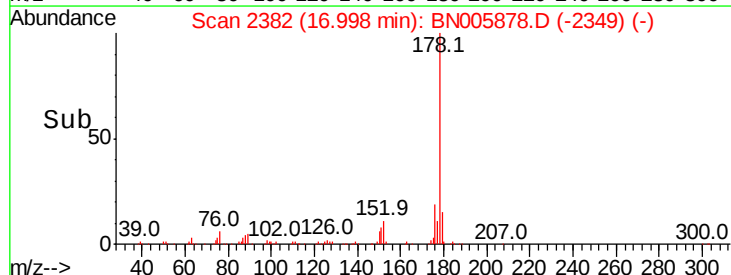
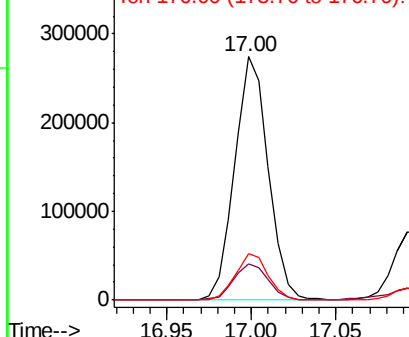
Lab File: BN005878.D

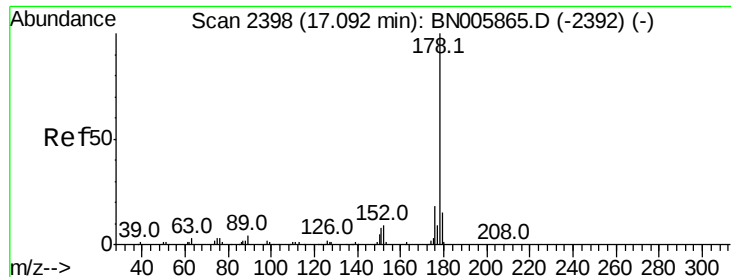
Acq: 23 May 2019 07:34

Tgt Ion:	178	Resp:	378562
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.4
176	19.1	15.1	22.7



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





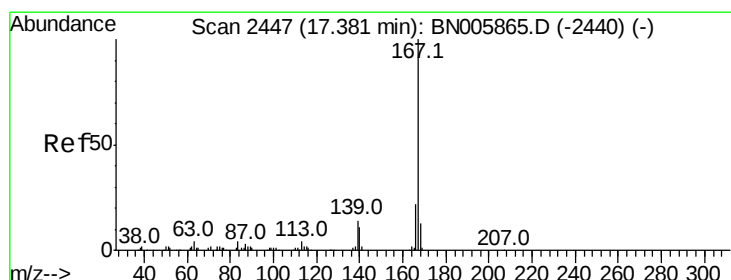
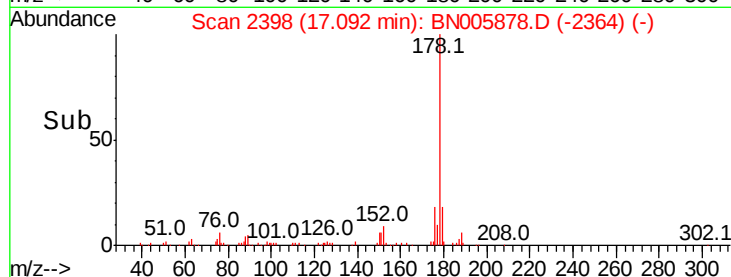
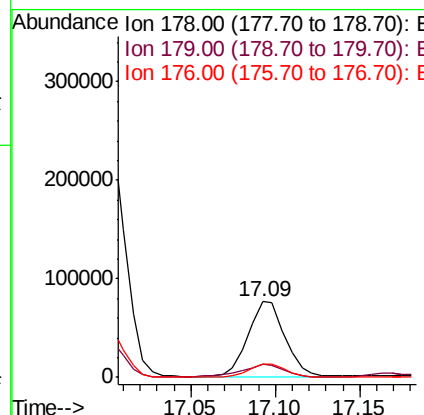
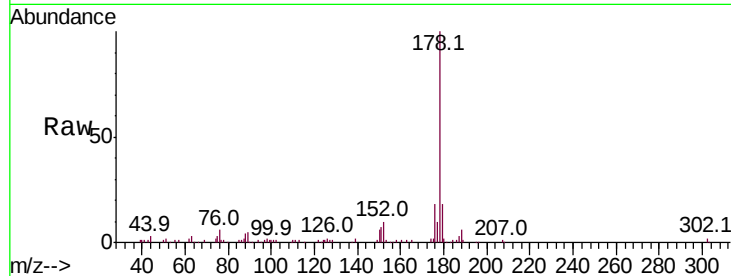
#71
 Anthracene
 Concen: 3.903 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Instrument :
 BNA_N
 ClientSampleId :
 A42B0

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.3	18.5
176	17.5	15.1	22.7

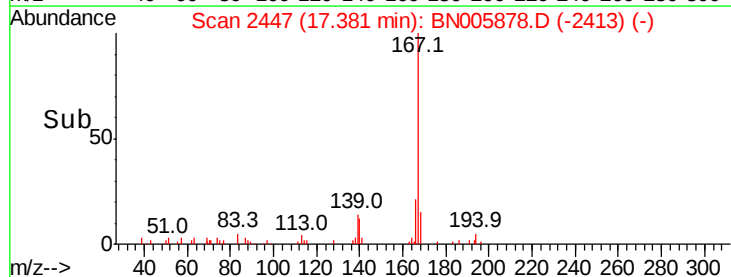
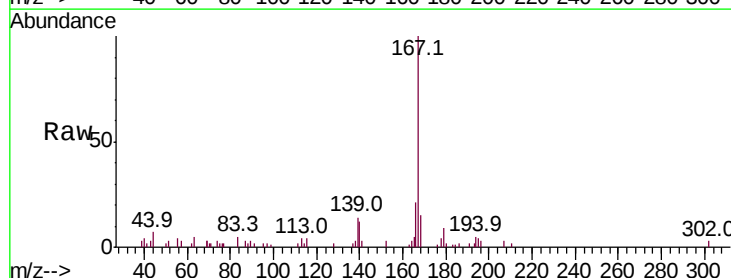
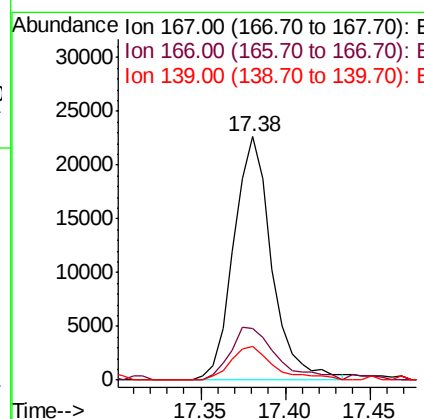
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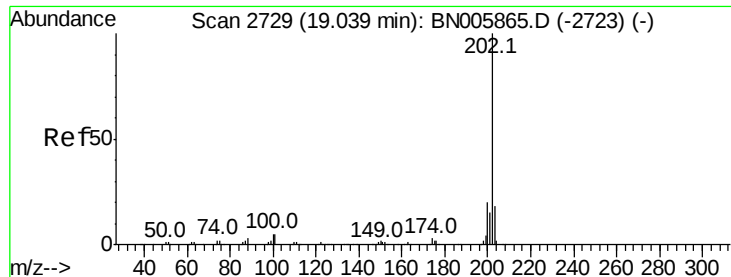
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#74
 Carbazole
 Concen: 1.331 ng/ul
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.7	10.6	16.0





#76

Fluoranthene

Concen: 25.822 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

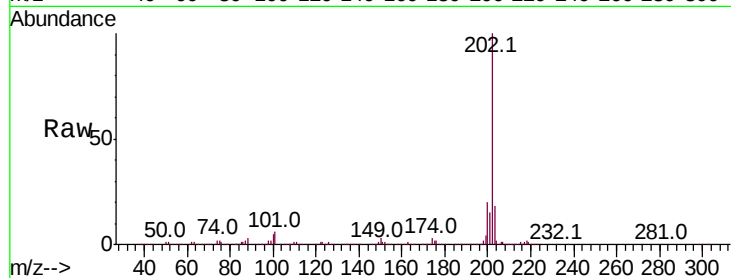
ClientSampleId :

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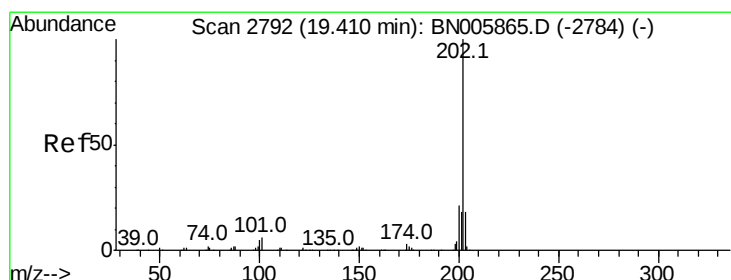
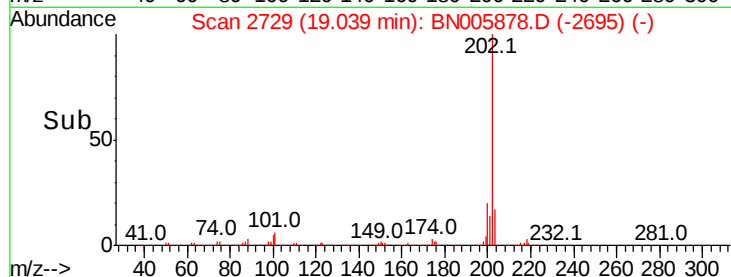
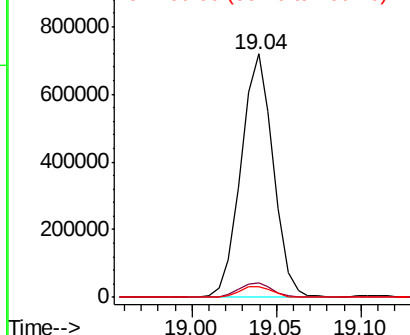
Tot Ion:	202	Resp:	953056
Ion Ratio	Lower	Upper	
202	100		
101	6.0	8.6	12.8#
100	4.6	6.3	9.5#

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



#79

Pyrene

Concen: 23.301 ng/ul

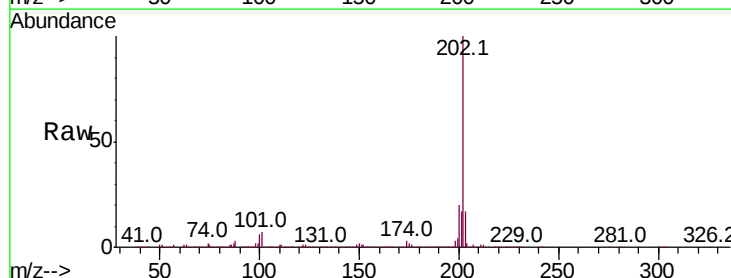
RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

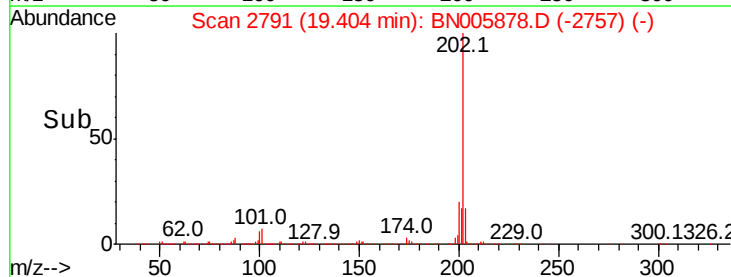
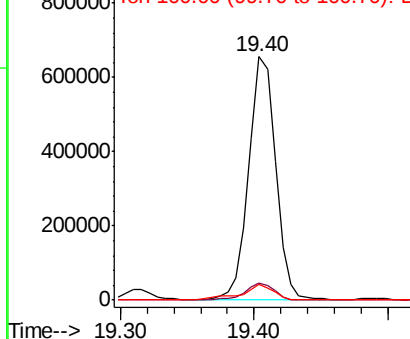
Lab File: BN005878.D

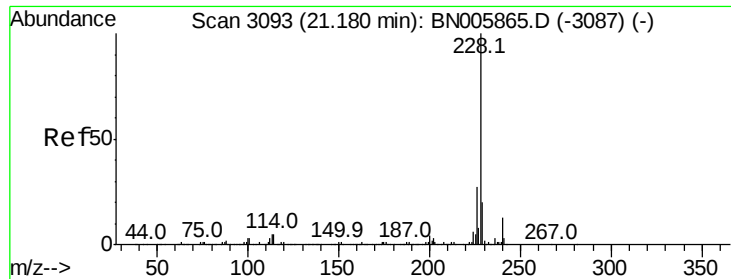
Acq: 23 May 2019 07:34

Tgt Ion:	202	Resp:	909161
Ion Ratio	Lower	Upper	
202	100		
101	7.0	10.3	15.5#
100	6.3	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





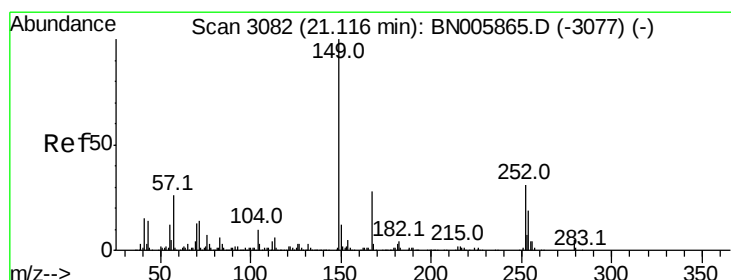
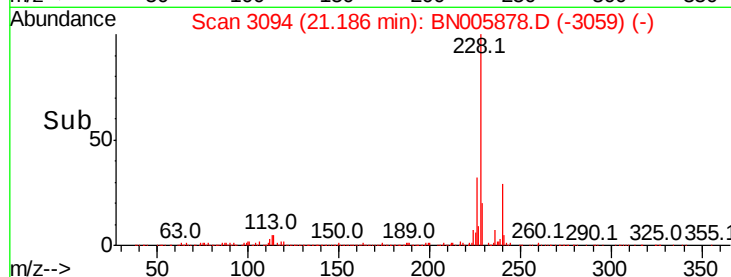
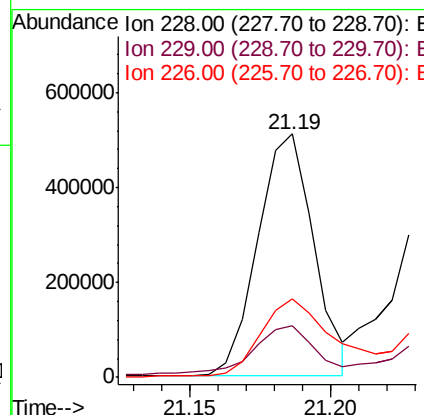
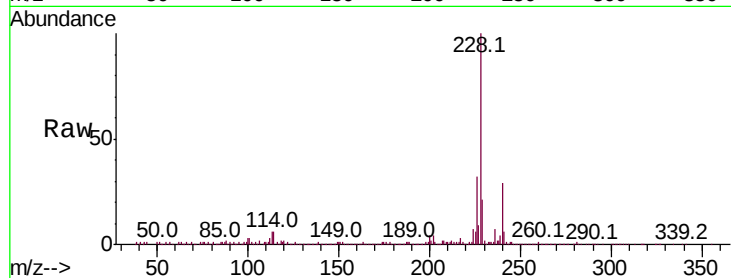
#82
Benzo(a)anthracene
Concen: 17.463 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Instrument :
BNA_N
ClientSampleId :
A42B0

Tot Ion:	228	Resp:	699010
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.8	23.6
226	32.0	21.4	32.2

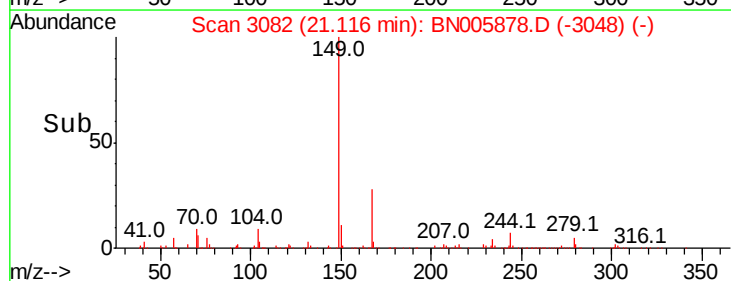
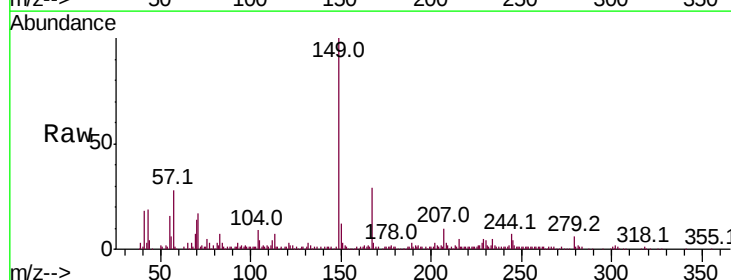
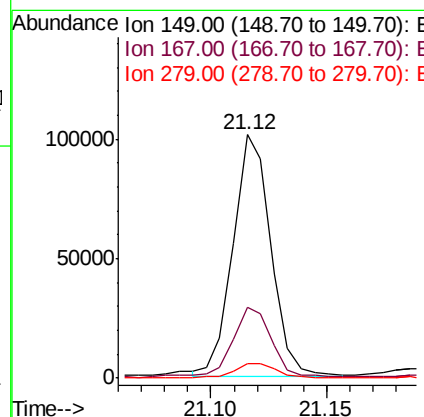
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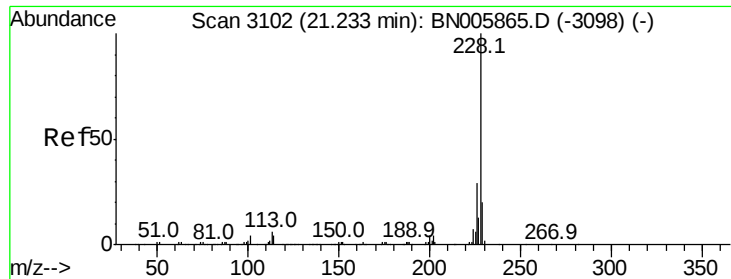
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#83
Bis(2-ethylhexyl)phthalate
Concen: 5.081 ng/ul
RT: 21.12 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Tgt Ion:	149	Resp:	115246
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.3	33.5
279	5.8	3.3	4.9#





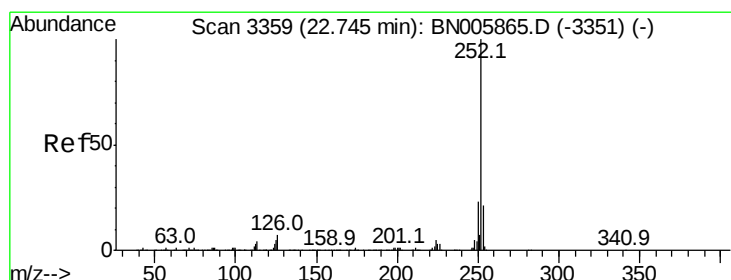
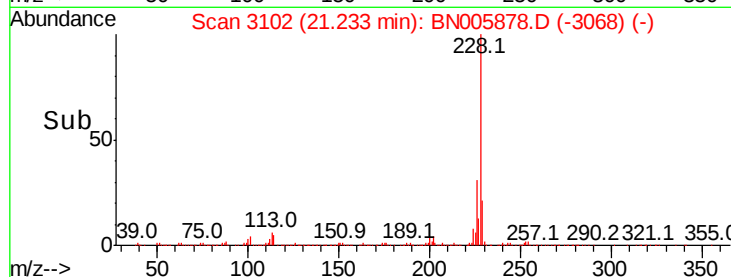
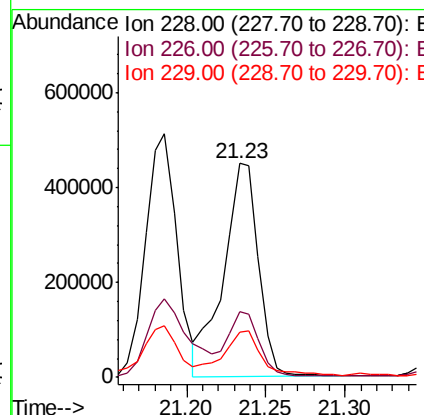
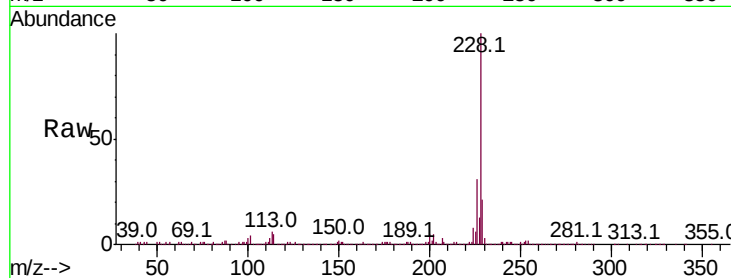
#84
Chrysene
Concen: 18.211 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Instrument :
BNA_N
ClientSampleId :
A42B0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	21.4	15.4	23.0

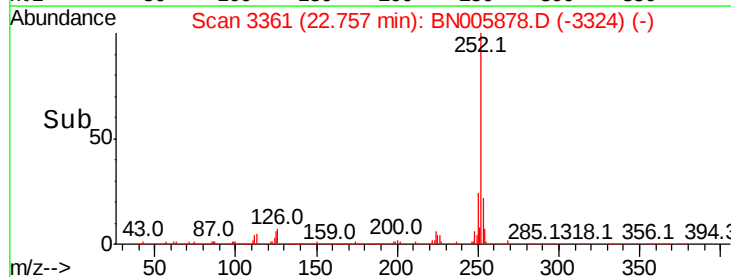
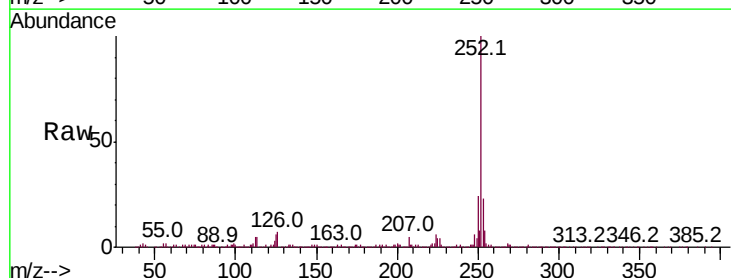
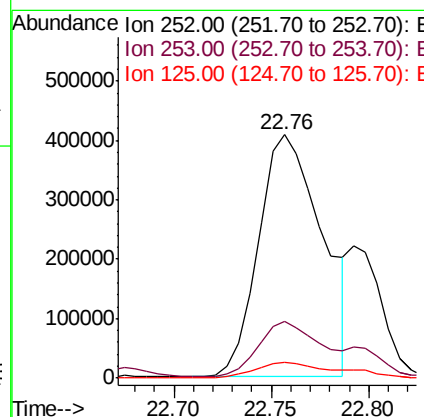
Manual Integrations
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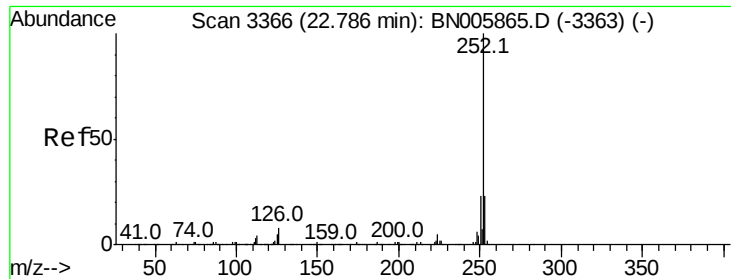
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#87
Benzo(b)fluoranthene
Concen: 27.646 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	6.4	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 7.856 ng/ul m

RT: 22.79 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

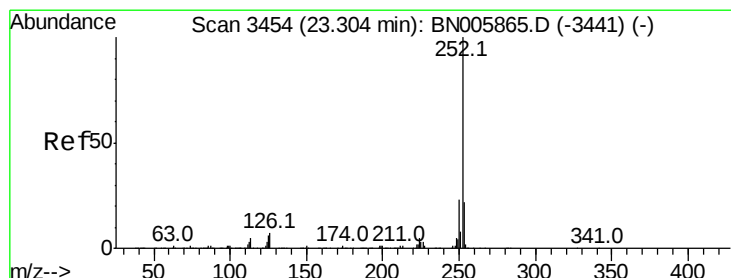
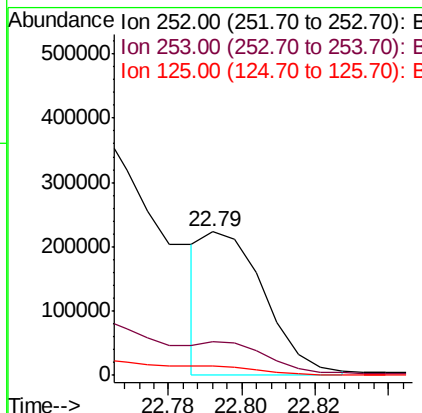
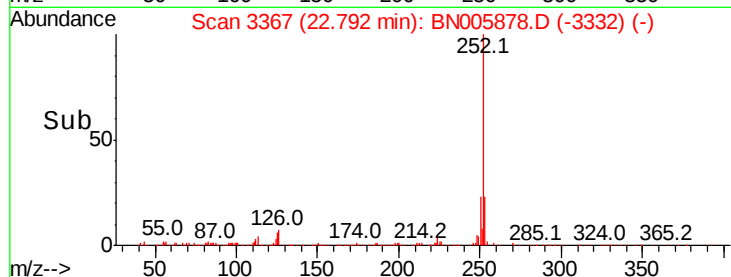
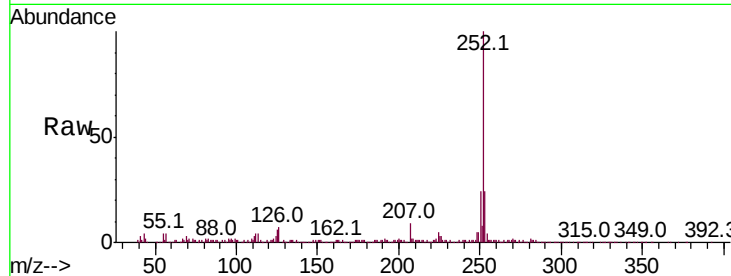
ClientSampled :

A42B0

Tot Ion:	252	Resp:	254308
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	6.5	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 18.729 ng/ul m

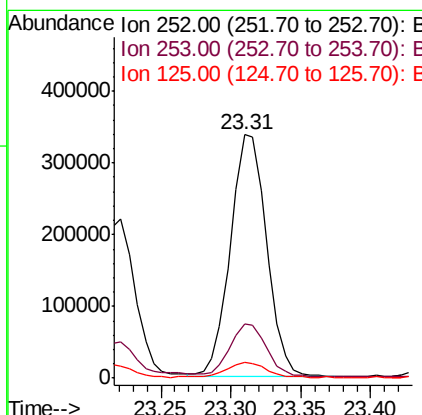
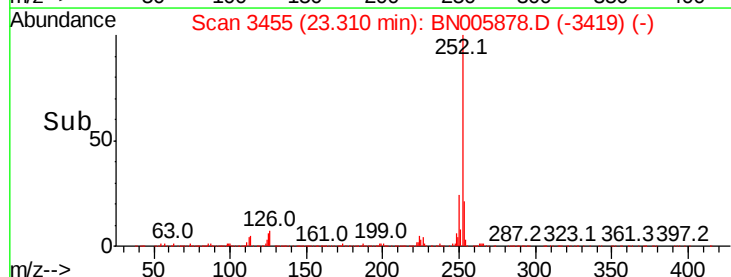
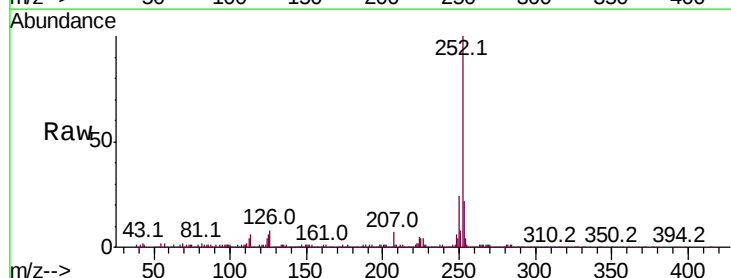
RT: 23.31 min Scan# 3455

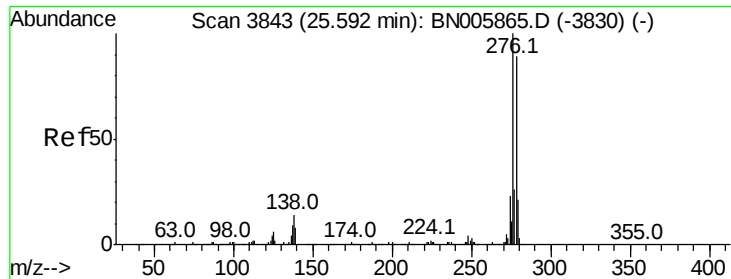
Delta R.T. 0.01 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Tgt Ion:	252	Resp:	606724
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.3	25.9
125	6.5	8.6	13.0#





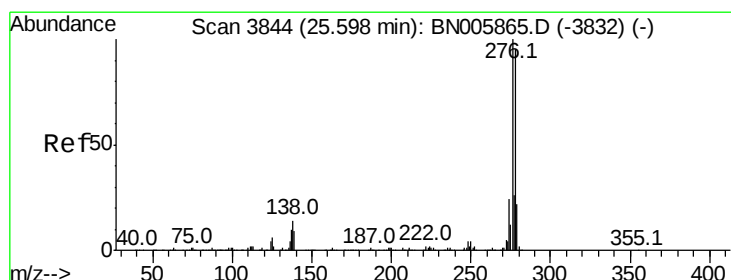
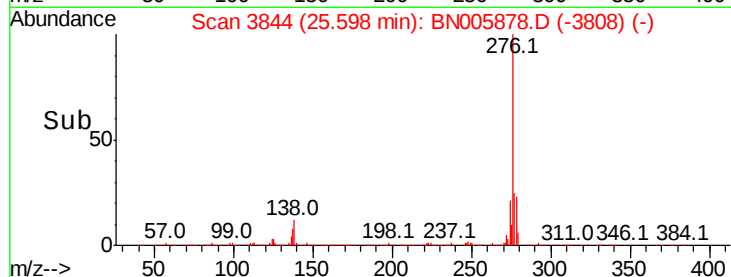
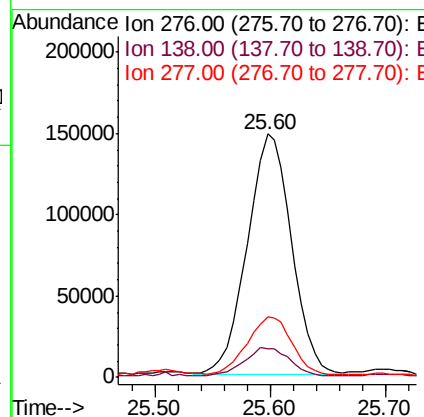
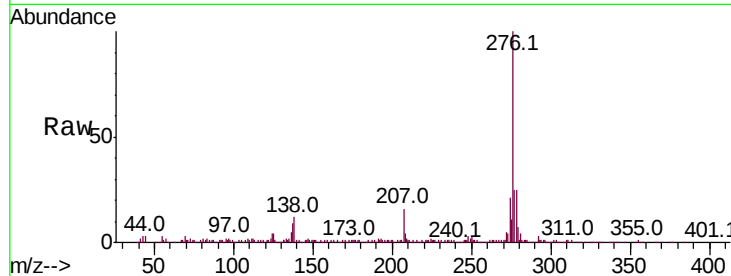
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 9.985 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.01 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Instrument :
 BNA_N
 ClientSampleId :
 A42B0

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	17.9	26.9#
277	25.0	19.7	29.5

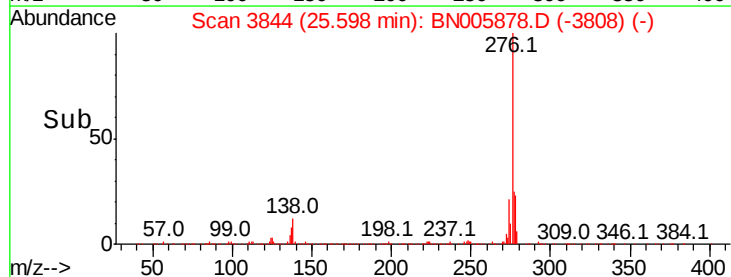
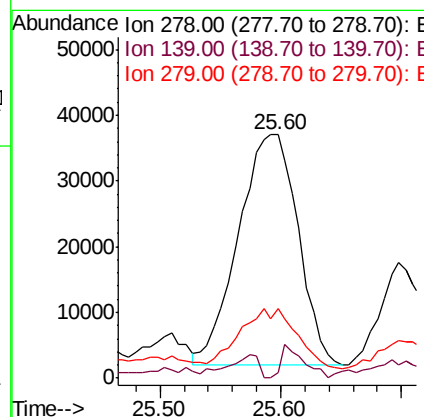
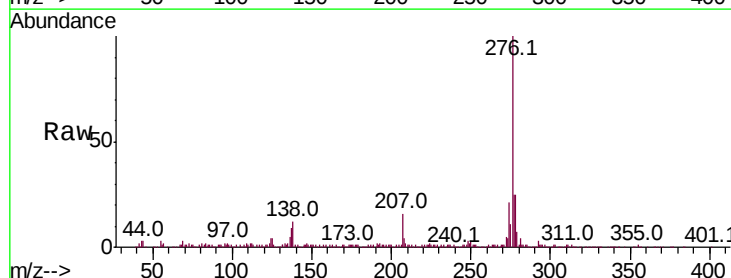
Manual Integrations
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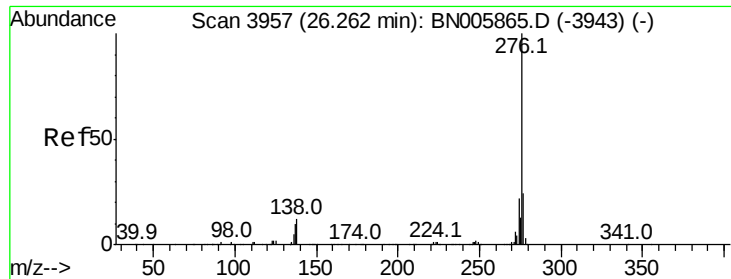
mohammad
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#92
 Dibenzo(a,h)anthracene
 Concen: 3.616 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.01 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	2.5	13.1	19.7#
279	28.4	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 8.076 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.01 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

ClientSampleId :

A42B0

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.5	16.7	25.1#
277	24.5	18.2	27.2

Manual Integrations
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