

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005975.D
 Acq On : 31 May 2019 10:59
 Operator : JU/SJ
 Sample : K2924-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4279

Manual Integrations
 APPROVED

mohammad

Quant Time: May 31 14:12:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	508568	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2036347	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	970470	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	1830973	20.00	ng/ul	0.03
77) Chrysene-d12	21.36	240	1551361	20.00	ng/ul	0.04
85) Perylene-d12	23.66	264	1840268	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	61392	5.31	ng/uL	0.00
5) Phenol-d5	6.90	99	1095037	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	689998	26.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	915105	26.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	795822	21.87	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	453049	34.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	480485	39.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	793076	27.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	528804	14.03	ng/ul	0.01
43) Dimethylphthalate-d6	13.80	166	2170755	30.34	ng/ul	0.02
46) Acenaphthylene-d8	14.08	160	2705303	30.23	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	212840	16.35	ng/ul	0.03
57) Fluorene-d10	15.39	176	1806719	30.11	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.51	200	137787	18.46	ng/ul	0.03
70) Anthracene-d10	17.24	188	2437519	31.28	ng/ul	0.03
78) Pyrene-d10	19.55	212	2428751	31.00	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.51	264	2420832	29.48	ng/ul	0.06

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.84	163	611958	8.558	ng/ul	100
47) Acenaphthylene	14.11	152	87989	1.003	ng/ul	99
69) Phenanthrene	17.18	178	654316	7.213	ng/ul	98
71) Anthracene	17.28	178	165219	1.794	ng/ul	99
76) Fluoranthene	19.21	202	1255877	12.968	ng/ul	95
79) Pyrene	19.58	202	1115306	11.349	ng/ul	97
80) Butylbenzylphthalate	20.49	149	55698	1.261	ng/ul	98
82) Benzo(a)anthracene	21.35	228	604600	6.200	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.28	149	137672	2.151	ng/ul#	99
84) Chrysene	21.40	228	624392m	6.865	ng/ul	
87) Benzo(b)fluoranthene	22.97	252	841523	8.141	ng/ul#	89
88) Benzo(k)fluoranthene	23.01	252	271554m	2.857	ng/ul	
90) Benzo(a)pyrene	23.56	252	549095	5.633	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.96	276	419956	3.672	ng/ul	96
92) Dibenzo(a,h)anthracene	25.96	278	119228	1.252	ng/ul#	64
93) Benzo(g,h,i)perylene	26.66	276	306433	3.181	ng/ul#	91

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

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Data File : BN005975.D
Acq On : 31 May 2019 10:59
Operator : JU/SJ
Sample : K2924-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

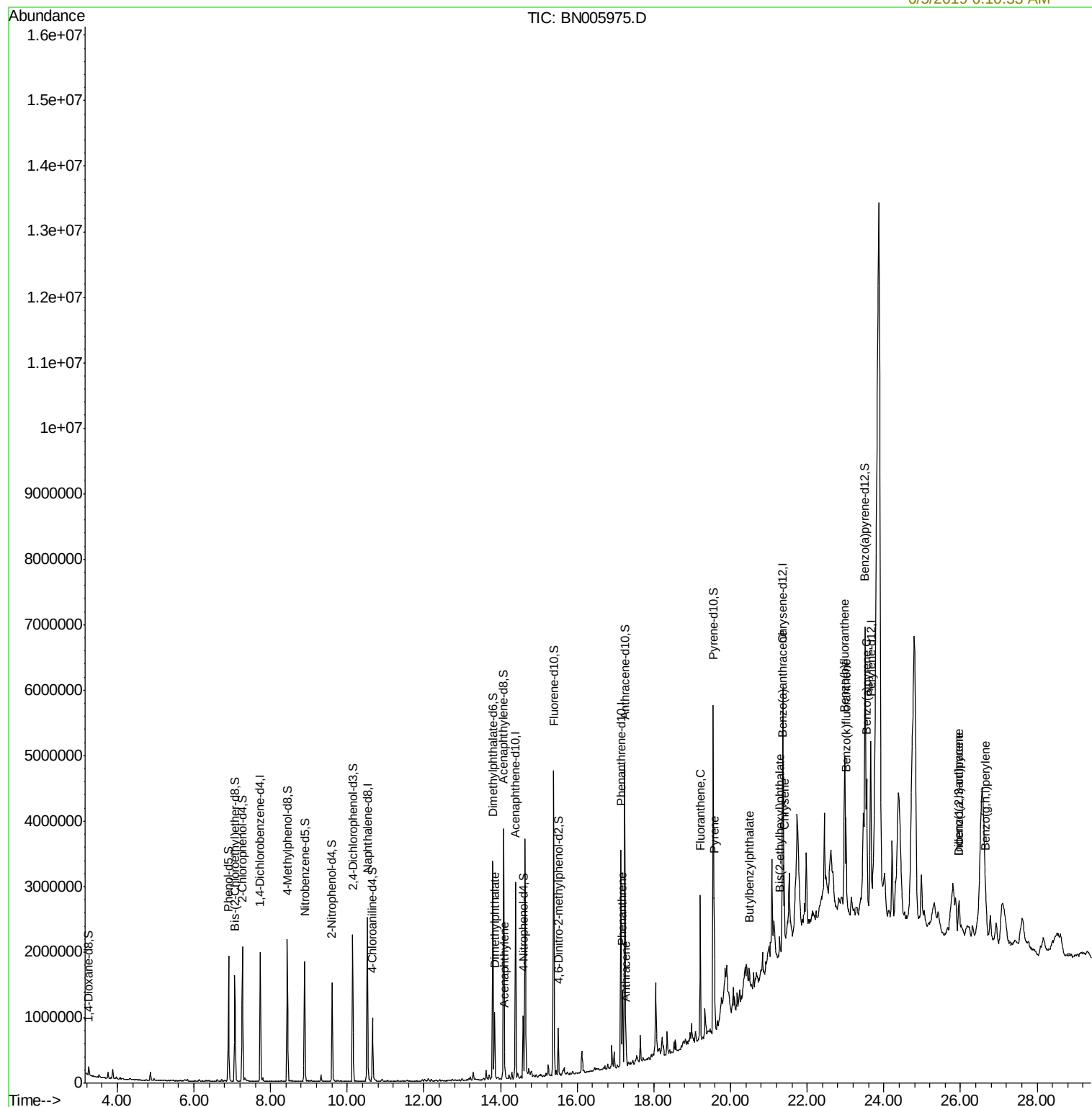
Instrument :
BNA_N
ClientSampleId :
A4279

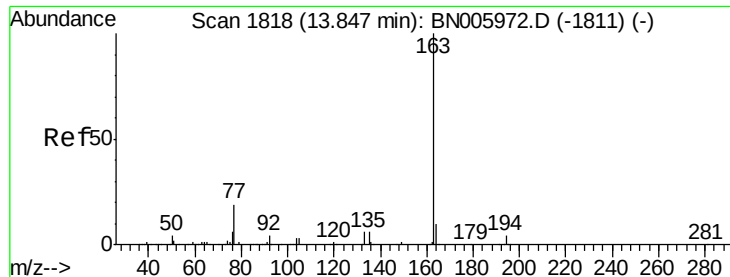
Quant Time: May 31 14:12:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
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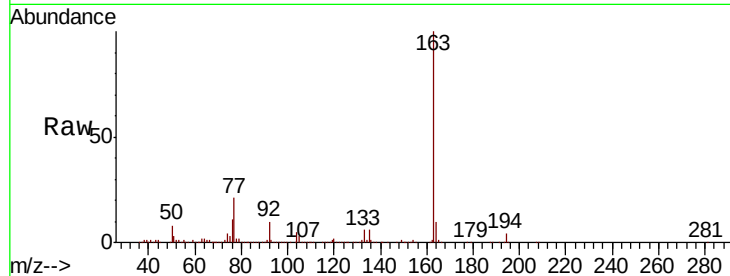
#44
Dimethylphthalate
Concen: 8.558 ng/ul
RT: 13.84 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Instrument :
BNA_N
ClientSampleId :
A4279

Tot Ion:	163	Resp:	611958
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	10.1	8.1	12.1

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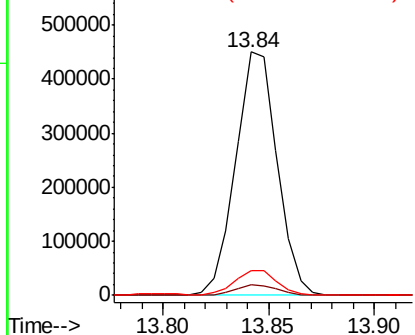


Abundance

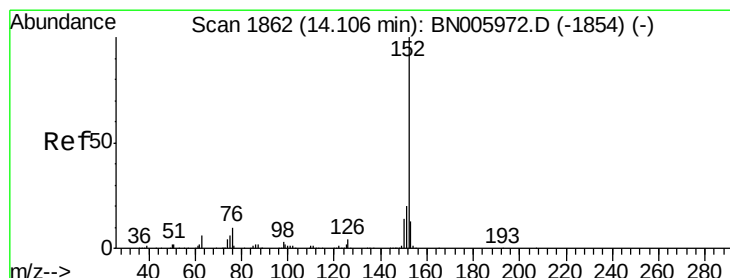
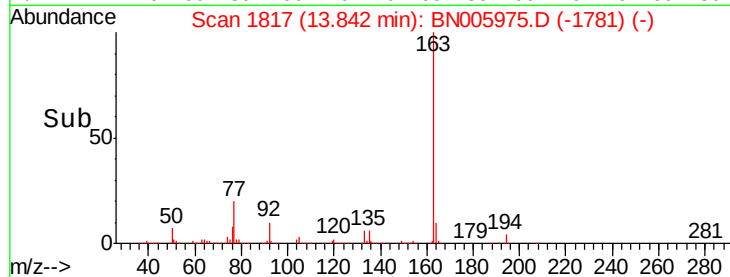
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

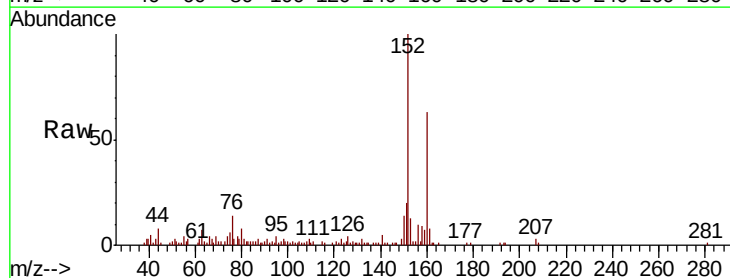


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#47
Acenaphthylene
Concen: 1.003 ng/ul
RT: 14.11 min Scan# 1862
Delta R.T. 0.02 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Tgt Ion:	152	Resp:	87989
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.1	9.8	14.8

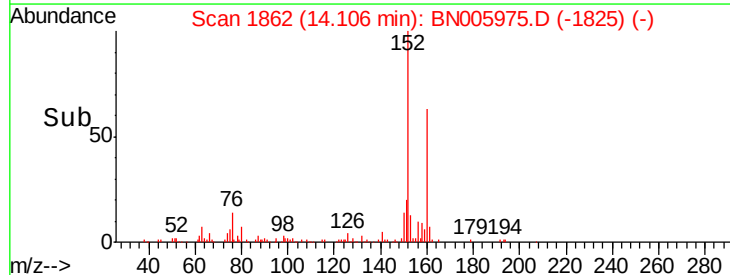
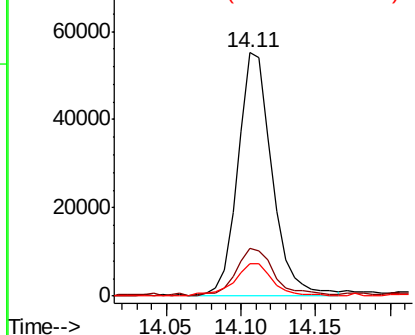


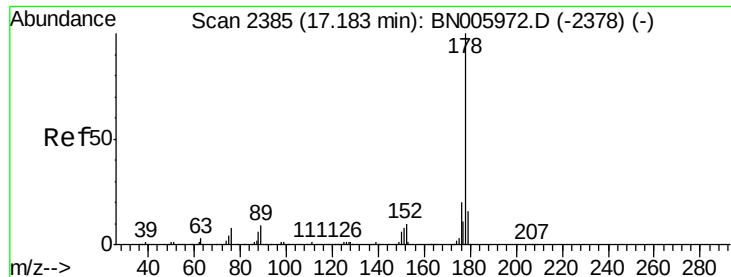
Abundance

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: 7.213 ng/ul

RT: 17.18 min Scan# 2385

Delta R.T. 0.03 min

Lab File: BN005975.D

Acq: 31 May 2019 10:59

Instrument :

BNA_N

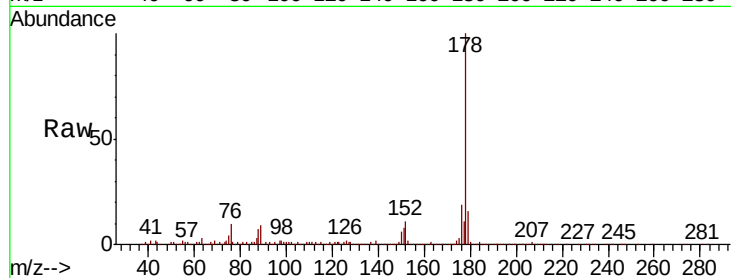
ClientSampleId :

A4279

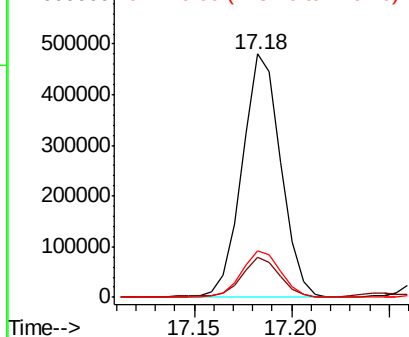
Tot Ion:	178	Resp:	654316
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.2	18.4
176	19.4	15.1	22.7

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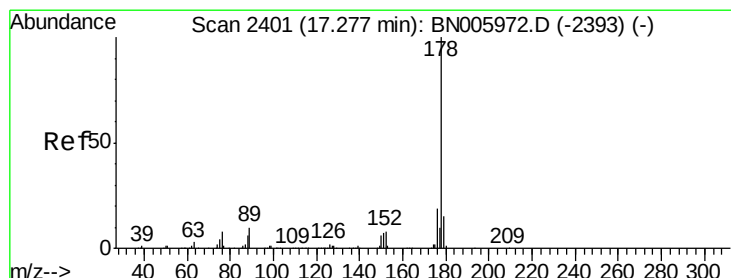
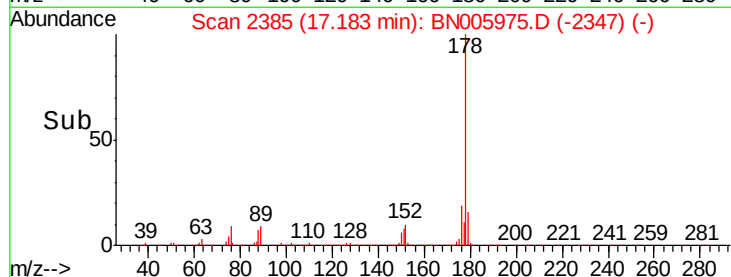
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



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#71

Anthracene

Concen: 1.794 ng/ul

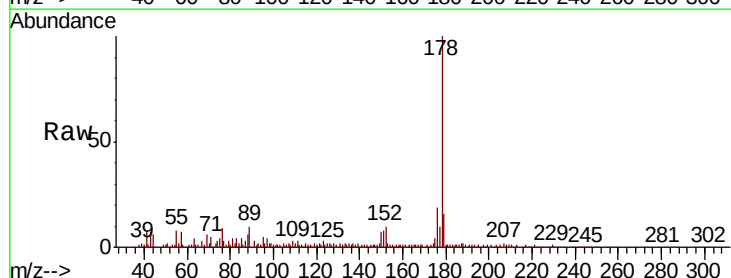
RT: 17.28 min Scan# 2401

Delta R.T. 0.03 min

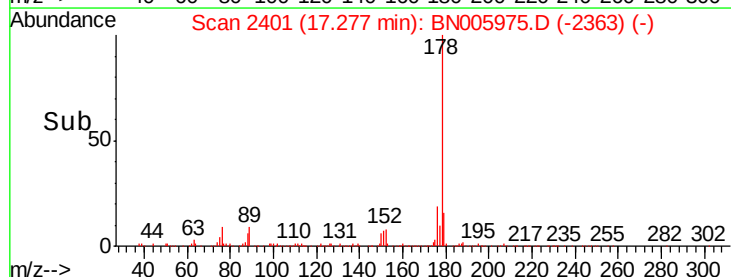
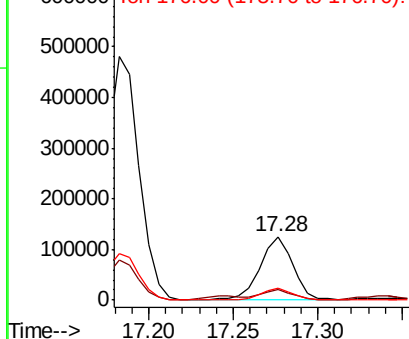
Lab File: BN005975.D

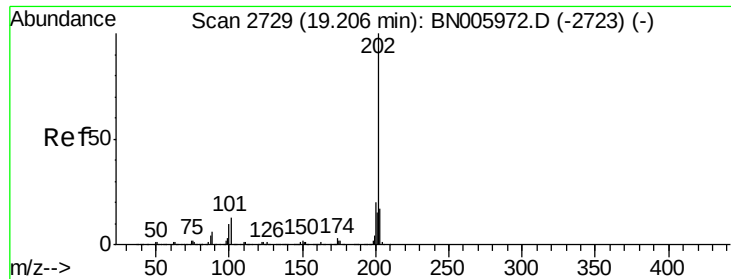
Acq: 31 May 2019 10:59

Tgt Ion:	178	Resp:	165219
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.3	18.5
176	18.8	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





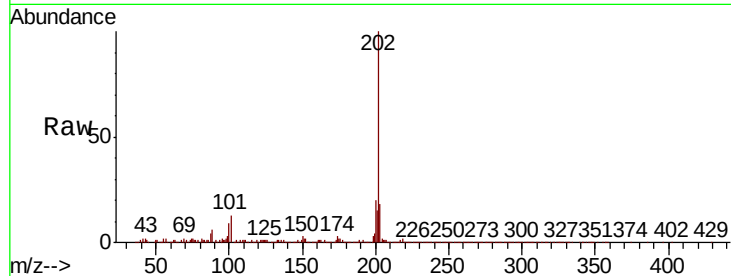
#76
Fluoranthene
Concen: 12.968 ng/ul
RT: 19.21 min Scan# 2730
Delta R.T. 0.03 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Instrument :
BNA_N
ClientSampleId :
A4279

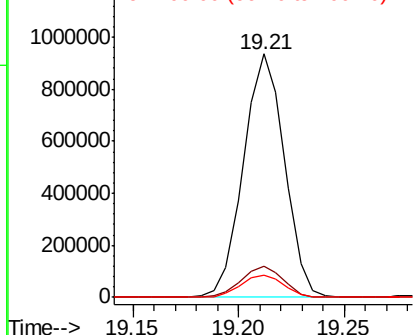
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.8	8.6	12.8		
100	9.3	6.3	9.5		

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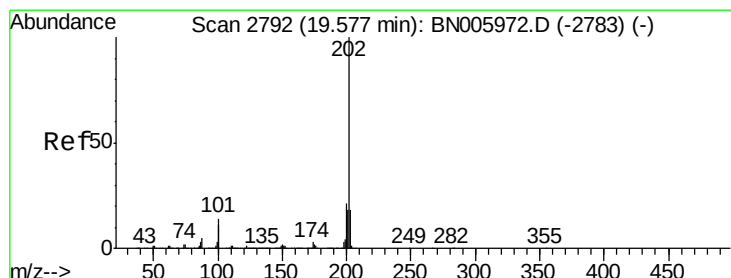
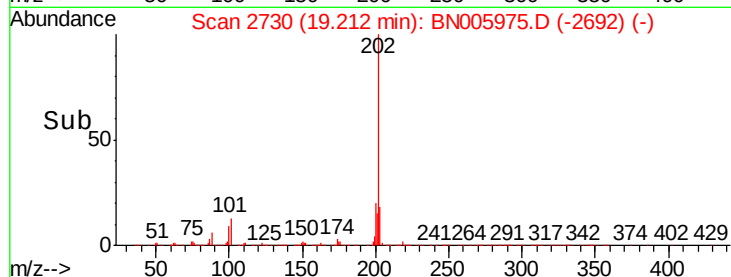
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

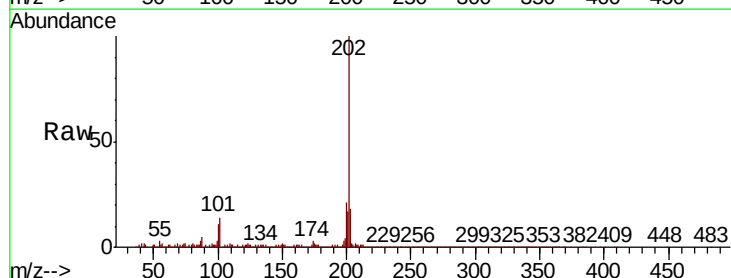


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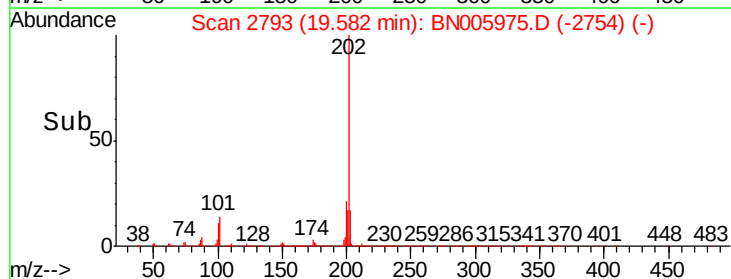
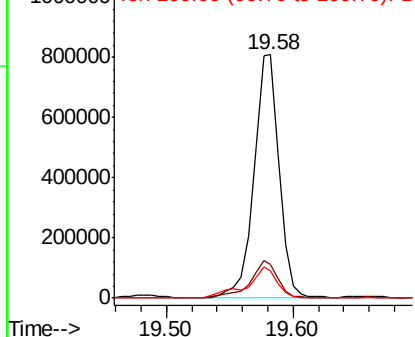


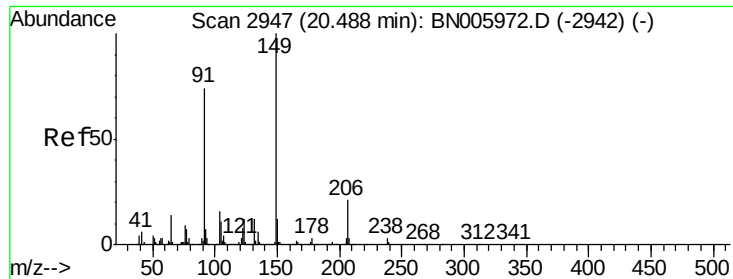
#79
Pyrene
Concen: 11.349 ng/ul
RT: 19.58 min Scan# 2793
Delta R.T. 0.03 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.9	10.3	15.5		
100	11.3	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





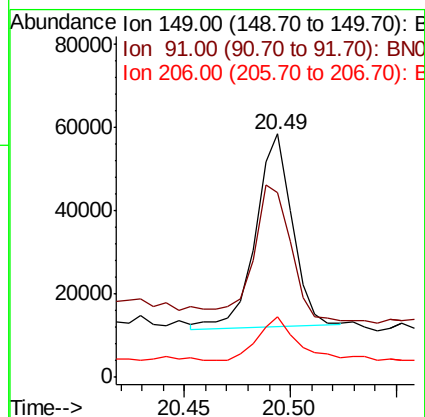
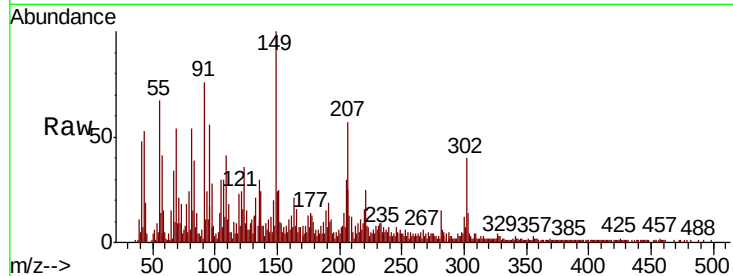
#80
Butylbenzylphthalate
Concen: 1.261 ng/ul
RT: 20.49 min Scan# 2948
Delta R.T. 0.03 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Instrument :
BNA_N
ClientSampleId :
A4279

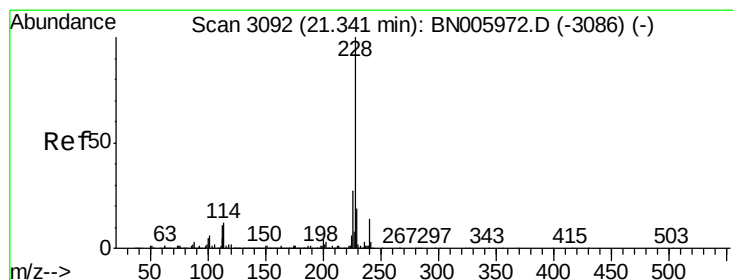
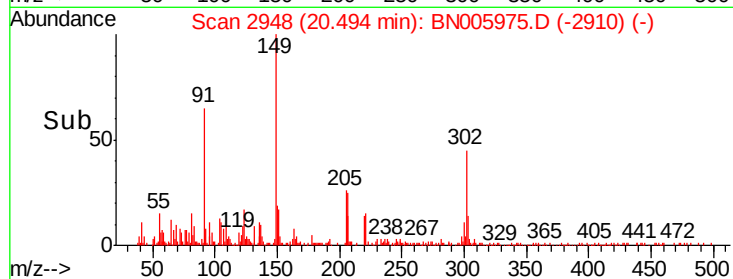
Tot Ion:	149	Resp:	55698
Ion Ratio	Lower	Upper	
149	100		
91	76.0	59.6	89.4
206	24.6	17.8	26.8

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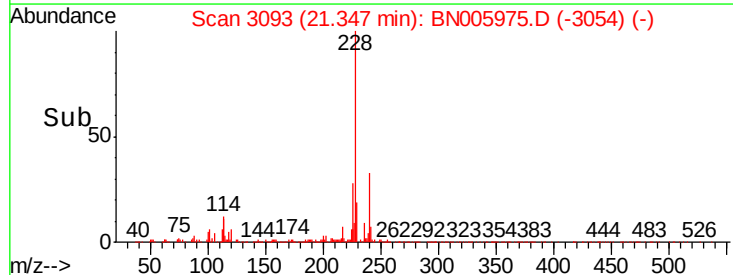
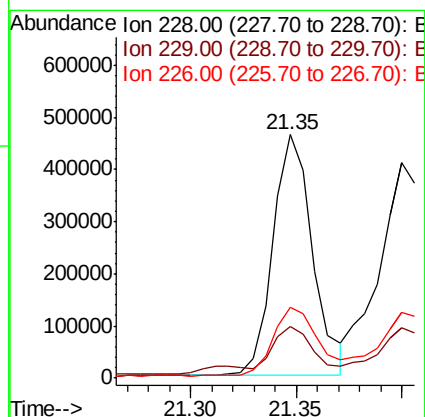
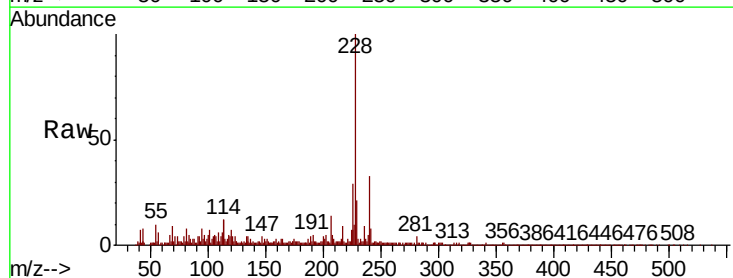


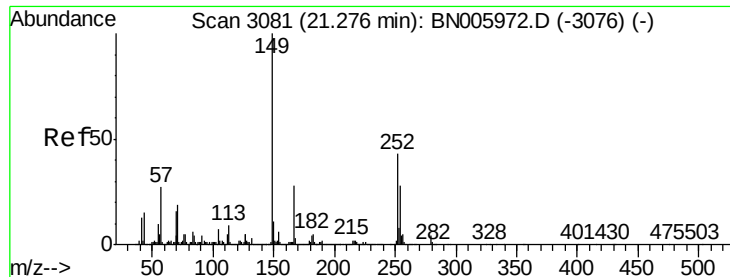
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#82
Benzo(a)anthracene
Concen: 6.200 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. 0.03 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Tgt Ion:	228	Resp:	604600
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.8	23.6
226	29.3	21.4	32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.151 ng/ul

RT: 21.28 min Scan# 3082

Delta R.T. 0.03 min

Lab File: BN005975.D

Acq: 31 May 2019 10:59

Instrument :

BNA_N

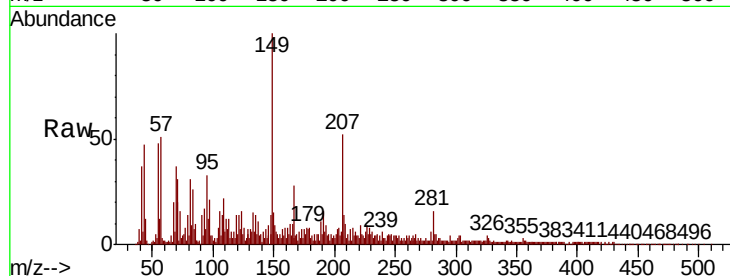
ClientSampled :

A4279

Tot Ion:	149	Resp:	137672
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.3	33.5
279	5.5	3.3	4.9#

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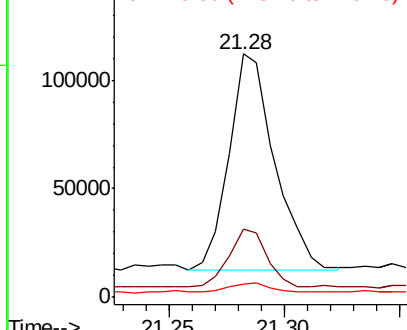


Abundance

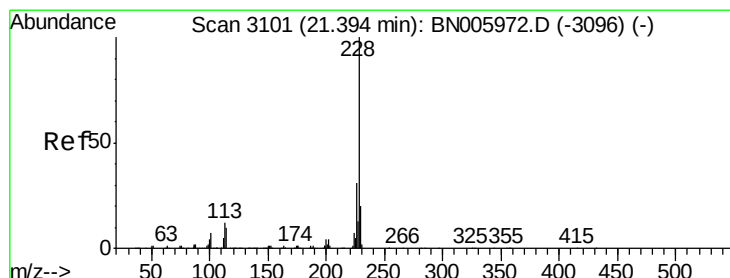
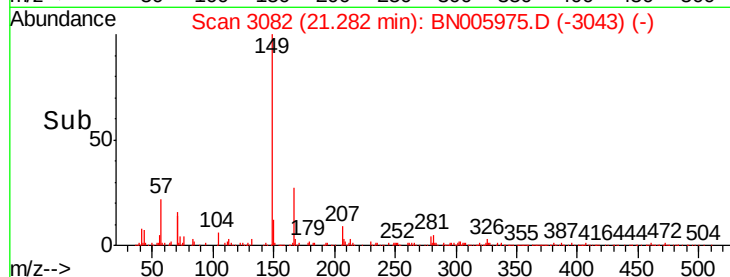
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



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#84

Chrysene

Concen: 6.865 ng/ul m

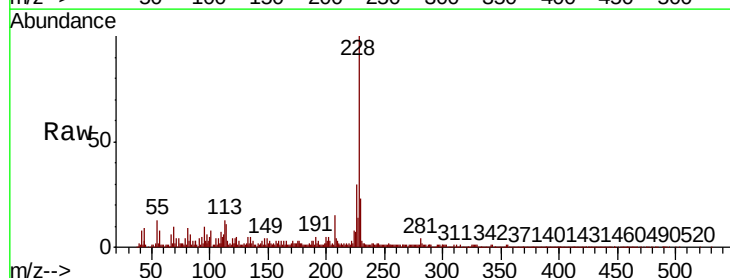
RT: 21.40 min Scan# 3102

Delta R.T. 0.03 min

Lab File: BN005975.D

Acq: 31 May 2019 10:59

Tgt Ion:	228	Resp:	624392
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	23.2	15.4	23.0#

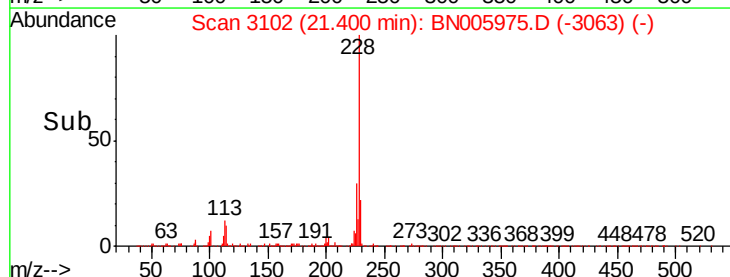
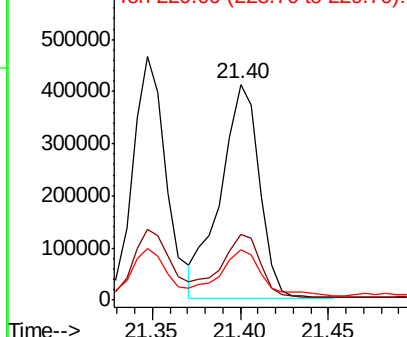


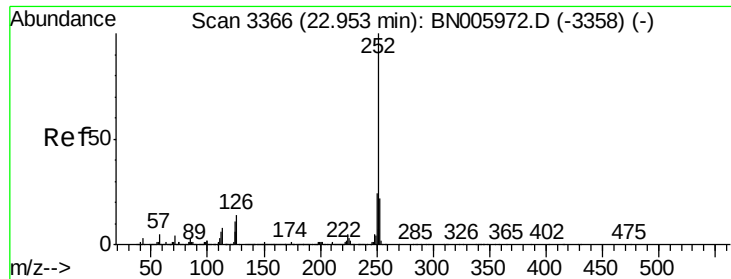
Abundance

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





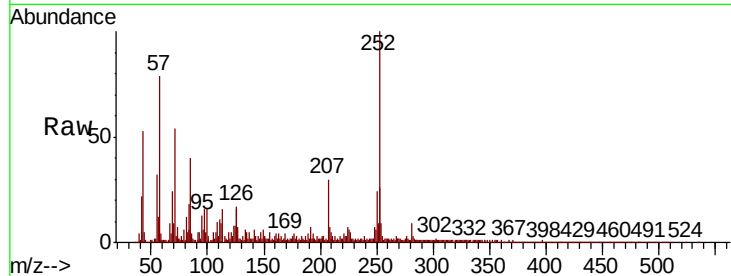
#87
Benzo(b)fluoranthene
Concen: 8.141 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. 0.05 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Instrument :
BNA_N
ClientSampled :
A4279

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	15.9	8.4	12.6

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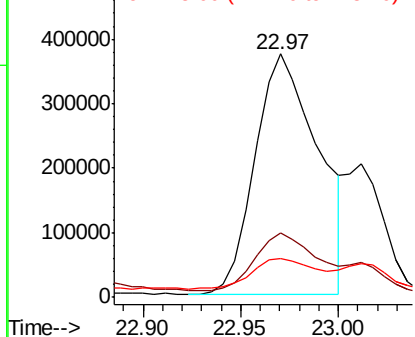


Abundance

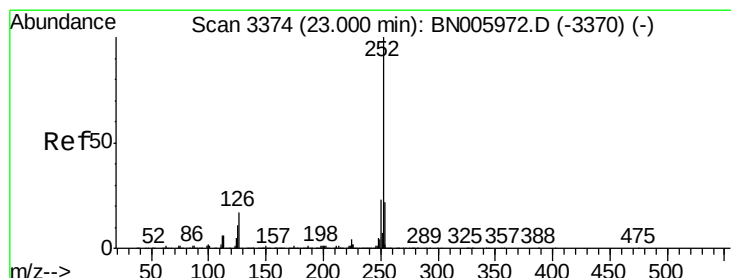
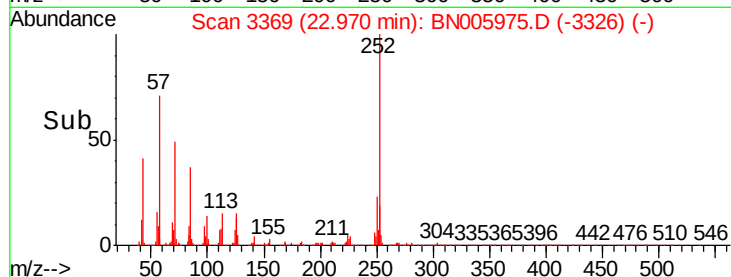
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

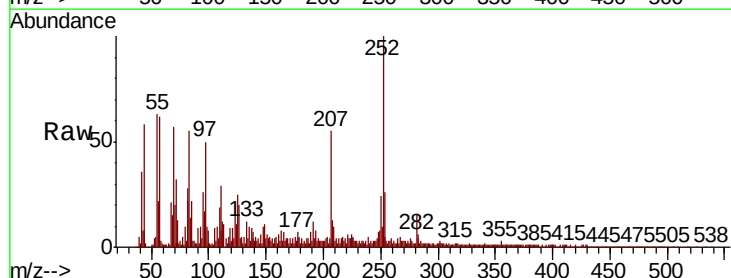


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#88
Benzo(k)fluoranthene
Concen: 2.857 ng/ul m
RT: 23.01 min Scan# 3376
Delta R.T. 0.05 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.0
125	25.2	7.5	11.3

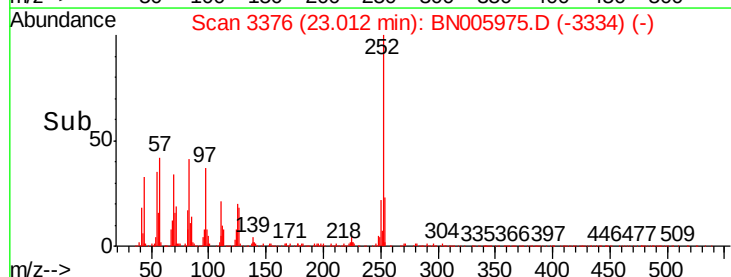
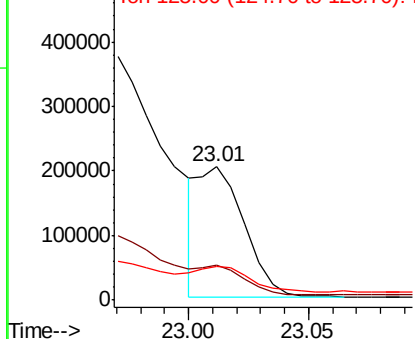


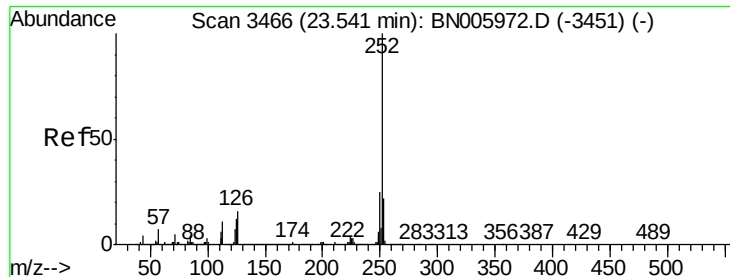
Abundance

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





#90

Benzo(a)pyrene

Concen: 5.633 ng/ul

RT: 23.56 min Scan# 3469

Delta R.T. 0.06 min

Lab File: BN005975.D

Acq: 31 May 2019 10:59

Instrument :

BNA_N

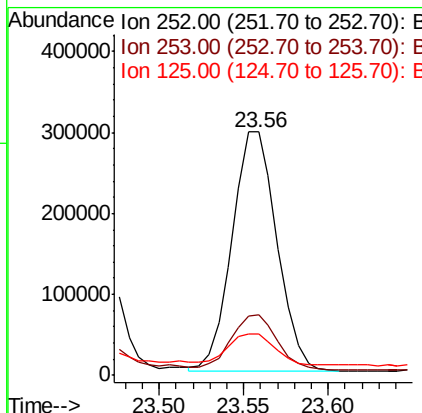
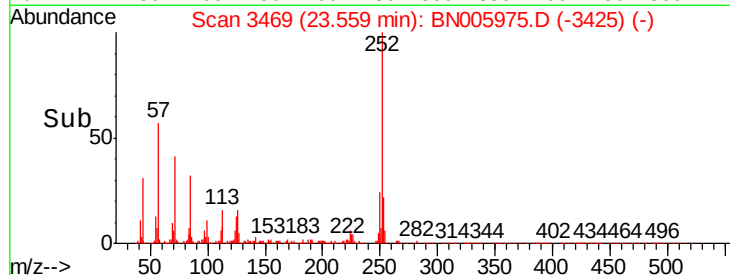
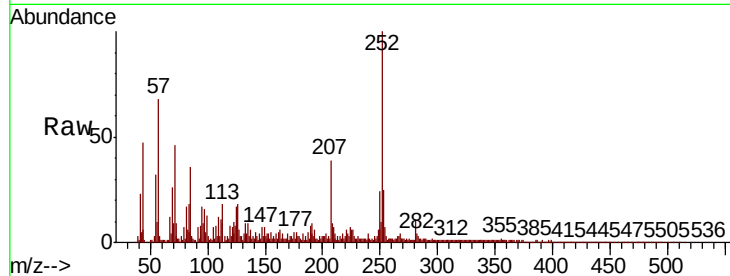
ClientSampleId :

A4279

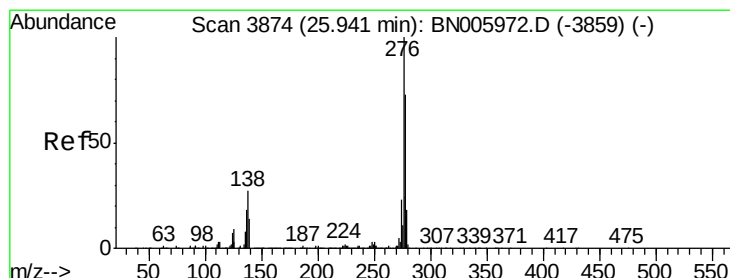
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.0	17.3	25.9	
125	16.9	8.6	13.0	

Manual Integrations
APPROVED

mohammad



6/5/2019 6:10:33 AM



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.672 ng/ul

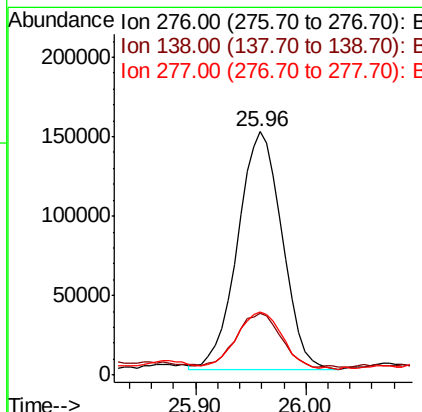
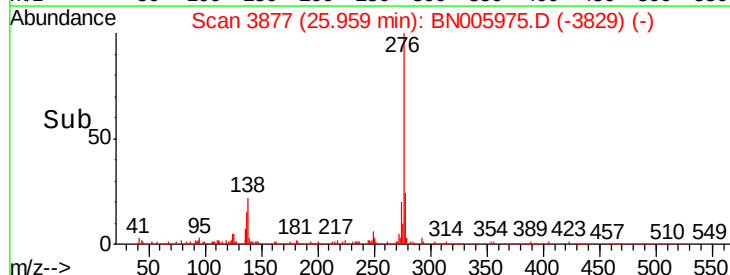
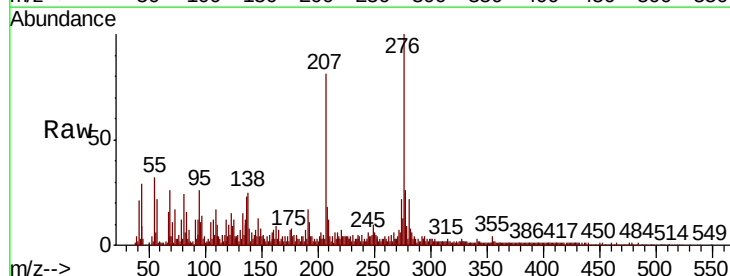
RT: 25.96 min Scan# 3877

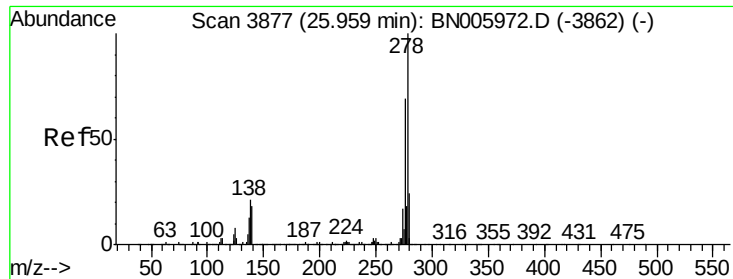
Delta R.T. 0.08 min

Lab File: BN005975.D

Acq: 31 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.2	17.9	26.9	
277	25.7	19.7	29.5	





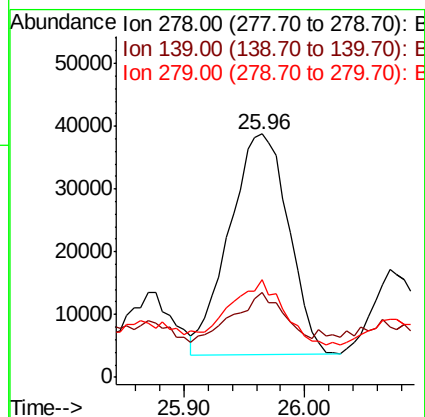
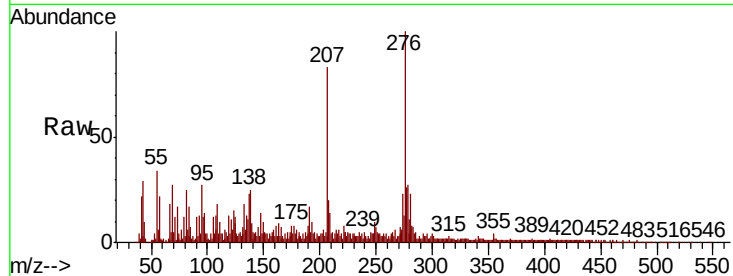
#92
Dibenzo(a,h)anthracene
Concen: 1.252 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. 0.08 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Instrument :
BNA_N
ClientSampled :
A4279

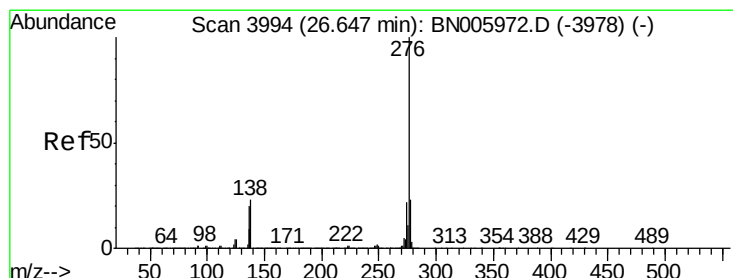
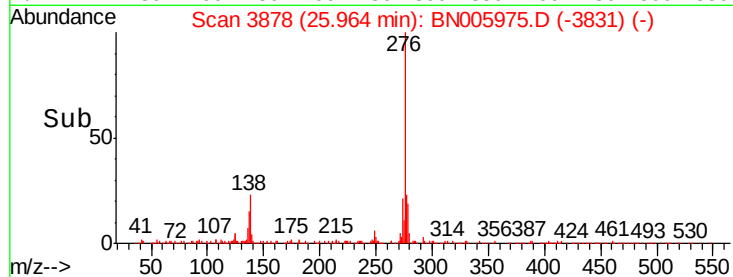
Tot Ion	Ratio	Lower	Upper
278	100		
139	34.7	13.1	19.7#
279	39.9	19.4	29.0#

Manual Integrations
APPROVED

mohammad



6/5/2019 6:10:33 AM



#93
Benzo(g,h,i)perylene
Concen: 3.181 ng/ul
RT: 26.66 min Scan# 3997
Delta R.T. 0.10 min
Lab File: BN005975.D
Acq: 31 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	16.7	25.1#
277	26.0	18.2	27.2

