

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014871.D
 Acq On : 10 Jun 2021 20:50
 Operator : CG/JU
 Sample : M2618-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5R8

Manual Integrations
 APPROVED

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Quant Time: Jun 11 01:48:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 10 11:55:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	77053	20.00	ng/ul	# 0.00
20) Naphthalene-d8	10.481	136	281432	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	204010	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	464309	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	570582	20.00	ng/ul	# 0.00
88) Perylene-d12	23.557	264	662464	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	14562m	7.70	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	6.869	99	234544	31.09	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	114612	30.55	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	194837	41.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	199468	34.00	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	97171	45.84	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	105479	46.29	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	193508	37.24	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	230017	37.55	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	659116	40.67	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	769549	41.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	76365m	29.66	ng/ul	0.00
60) Fluorene-d10	15.345	176	570257	40.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	82976	32.67	ng/ul	0.00
73) Anthracene-d10	17.198	188	934820	43.10	ng/ul	0.00
81) Pyrene-d10	19.504	212	1139977	42.37	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	1538176	43.59	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.139	178	149739	6.17	ng/ul	97
74) Anthracene	17.234	178	32222m	1.32	ng/ul	
80) Fluoranthene	19.169	202	256245	8.08	ng/ul#	96
82) Pyrene	19.528	202	209651	6.43	ng/ul#	94
85) Benzo(a)anthracene	21.286	228	124940m	3.51	ng/ul	
87) Chrysene	21.333	228	114193m	3.19	ng/ul	
90) Benzo(b)fluoranthene	22.880	252	128616m	3.24	ng/ul	
91) Benzo(k)fluoranthene	22.921	252	52320m	1.32	ng/ul	
93) Benzo(a)pyrene	23.451	252	96769m	2.69	ng/ul	
94) Indeno(1,2,3-cd)pyrene	25.827	276	66207m	1.34	ng/ul	

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

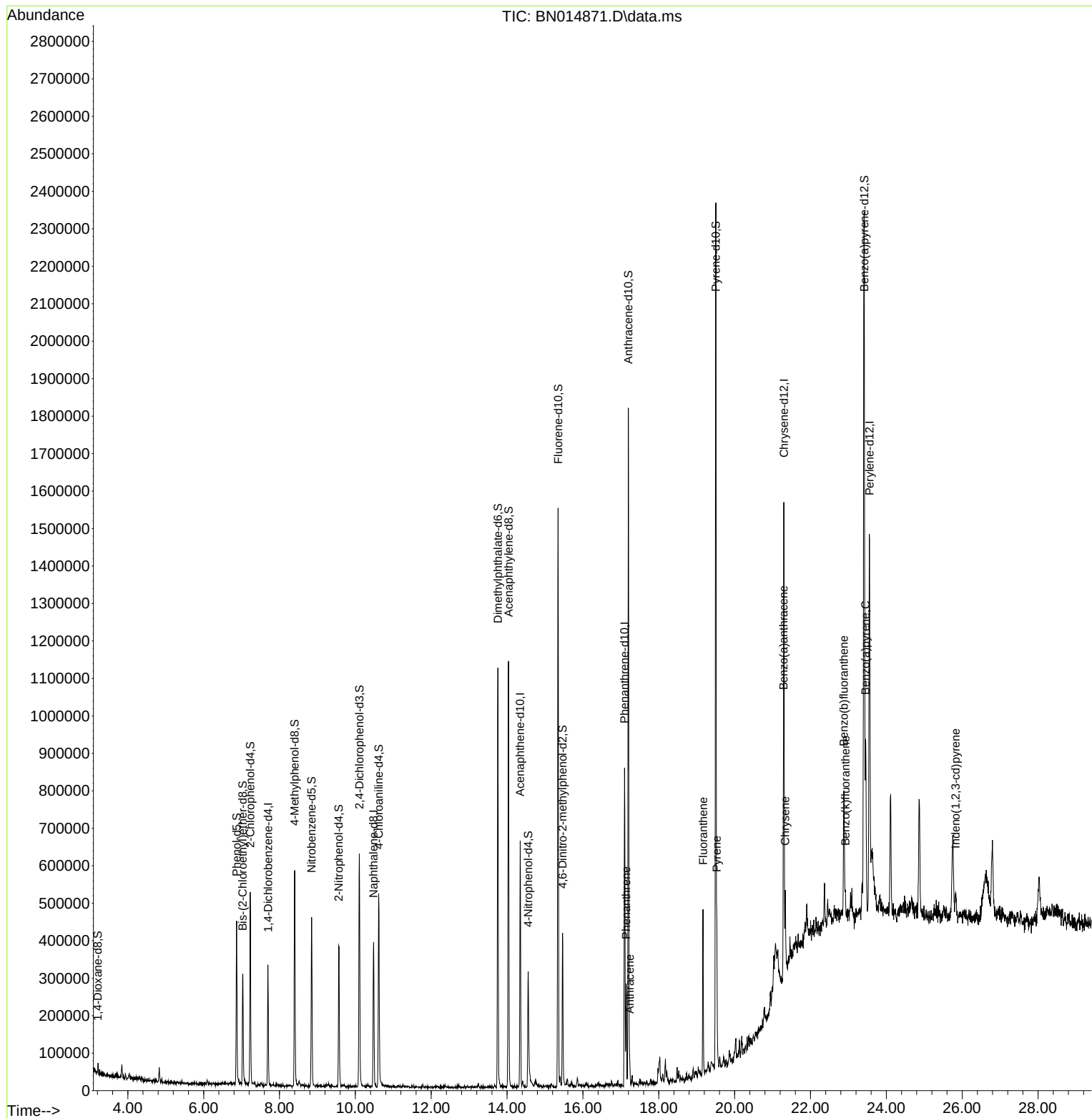
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Data File : BN014871.D
Acq On : 10 Jun 2021 20:50
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

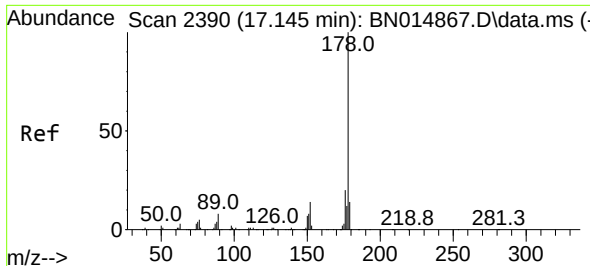
Instrument :
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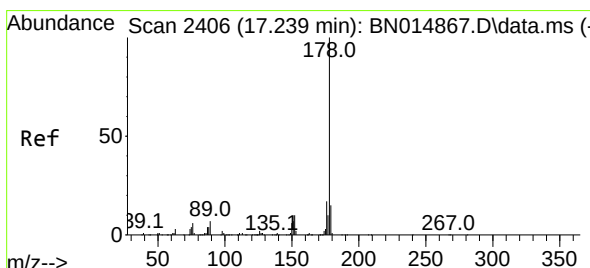
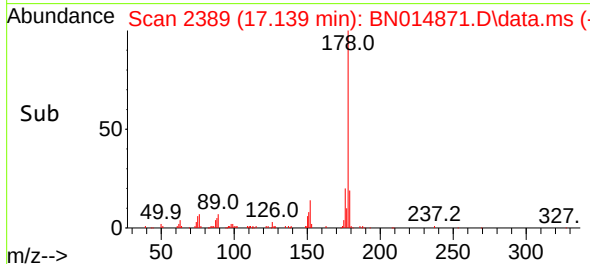
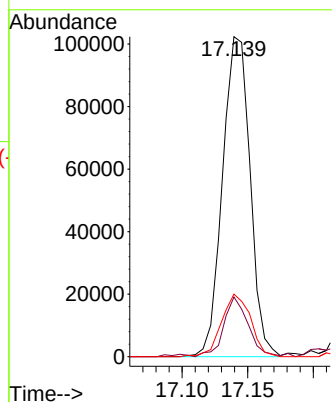
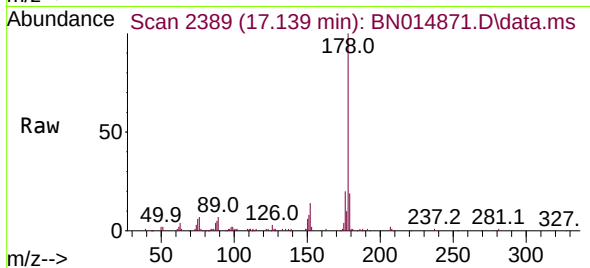
#72
Phenanthrene
Concen: 6.17 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:178 Resp: 149739
Ion Ratio Lower Upper
178 100
179 18.6 12.9 19.3
176 19.5 15.4 23.0

Instrument :
BNA_N
ClientSampled :
BG5R8

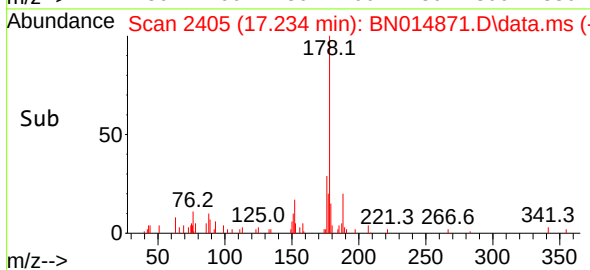
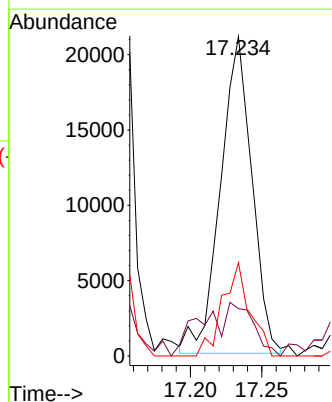
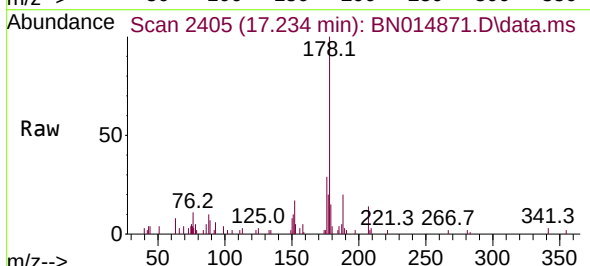
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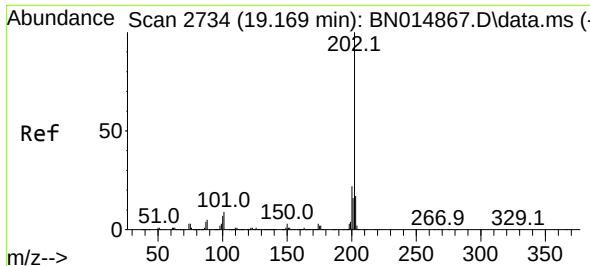
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#74
Anthracene
Concen: 1.32 ng/u1 m
RT: 17.234 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:178 Resp: 32222
Ion Ratio Lower Upper
178 100
179 14.8 12.9 19.3
176 29.2 15.3 22.9#





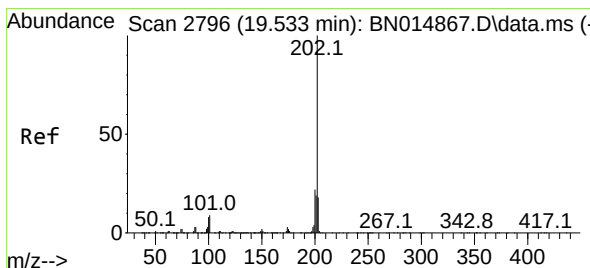
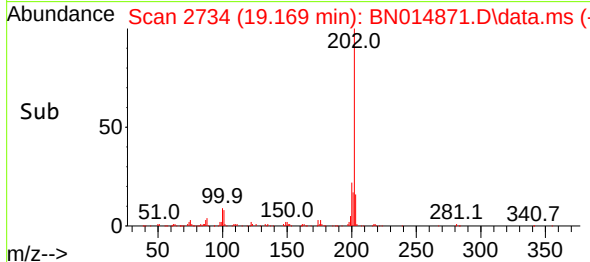
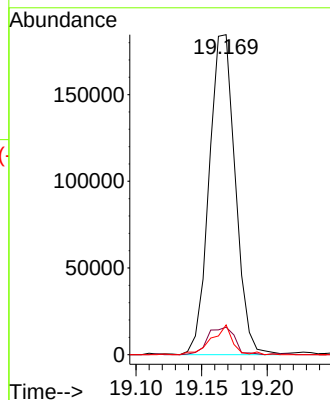
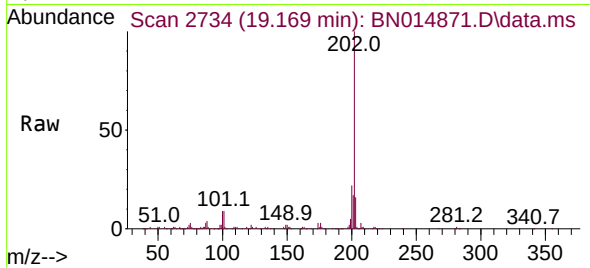
#80
Fluoranthene
Concen: 8.08 ng/ul
RT: 19.169 min Scan# 2734
Delta R.T. 0.006 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:202 Resp: 256245
Ion Ratio Lower Upper
202 100
101 8.6 7.6 11.4
100 9.3 5.6 8.4#

Instrument :
BNA_N
ClientSampleId :
BG5R8

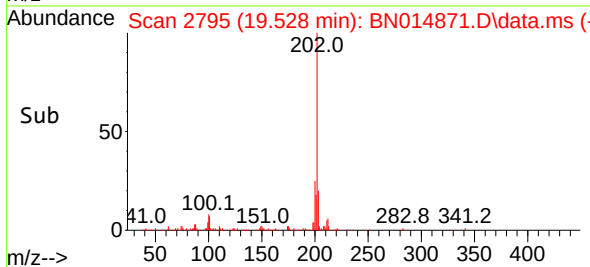
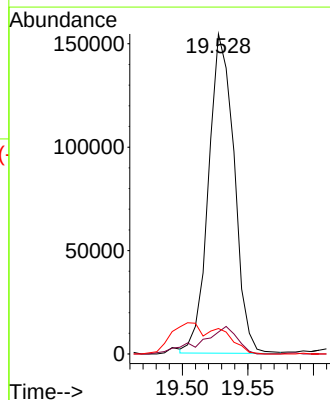
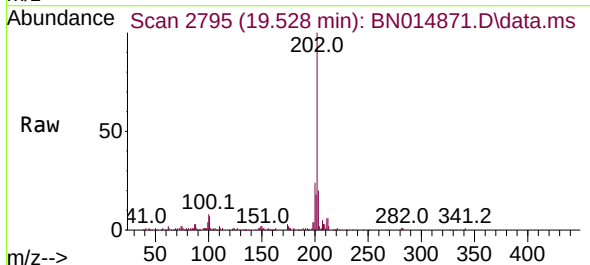
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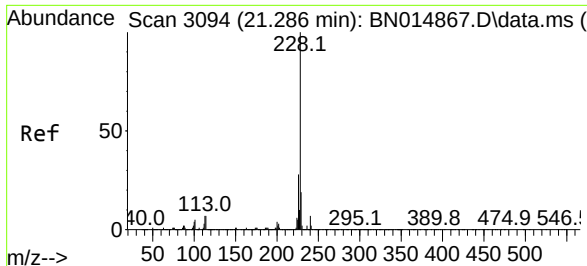
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#82
Pyrene
Concen: 6.43 ng/ul
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:202 Resp: 209651
Ion Ratio Lower Upper
202 100
101 6.9 8.7 13.1#
100 8.0 6.2 9.4





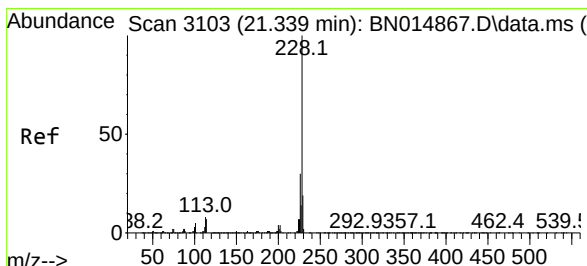
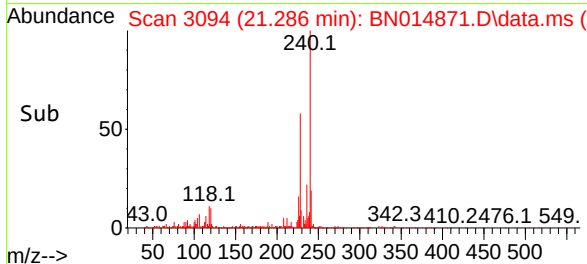
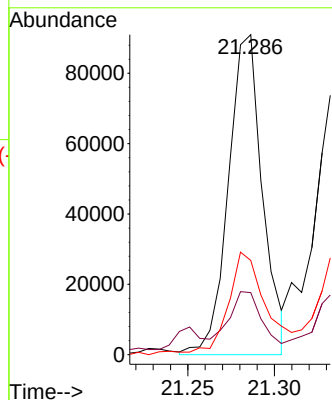
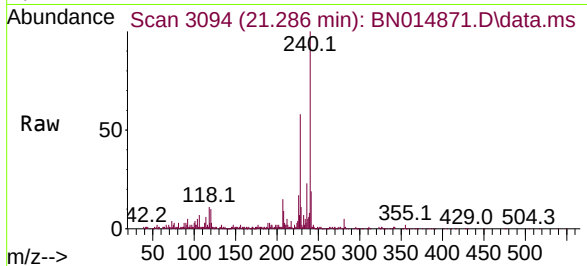
#85
Benzo(a)anthracene
Concen: 3.51 ng/ul m
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:228 Resp: 124940
Ion Ratio Lower Upper
228 100
229 19.4 16.2 24.4
226 29.4 21.6 32.4

Instrument :
BNA_N
ClientSampled :
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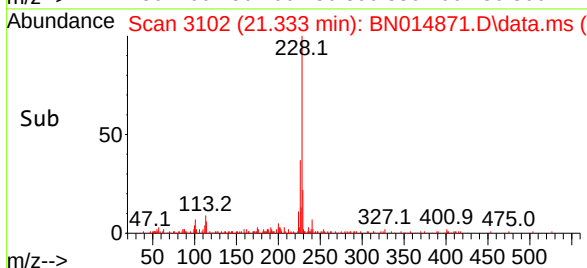
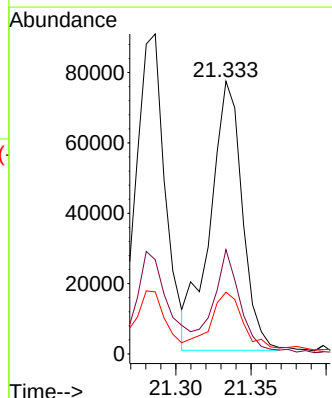
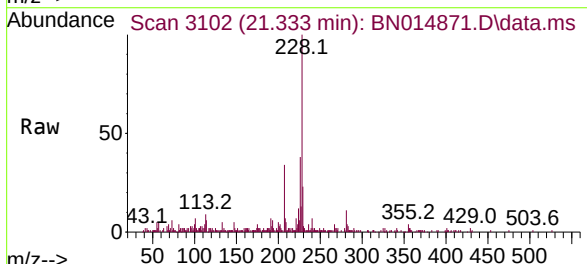
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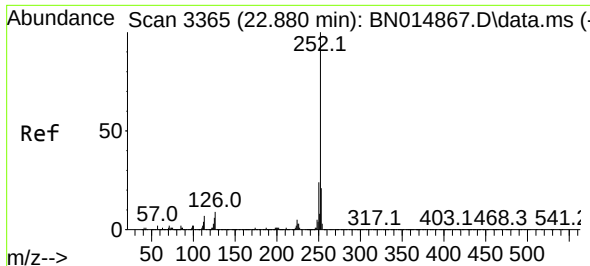
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#87
Chrysene
Concen: 3.19 ng/ul m
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:228 Resp: 114193
Ion Ratio Lower Upper
228 100
226 38.3 23.8 35.6#
229 22.6 14.8 22.2#





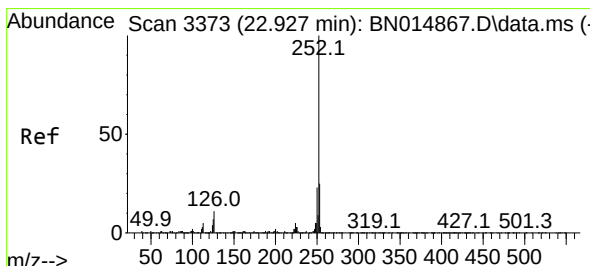
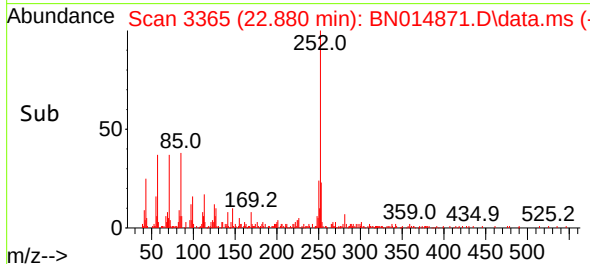
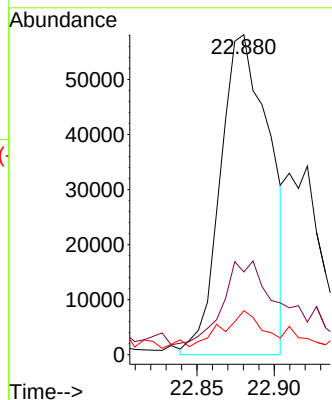
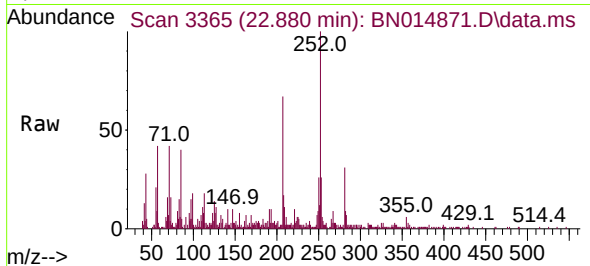
#90
Benzo(b)fluoranthene
Concen: 3.24 ng/ul m
RT: 22.880 min Scan# 3365
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:252 Resp: 128616
Ion Ratio Lower Upper
252 100
253 25.8 15.8 23.8#
125 13.7 4.3 6.5#

Instrument :
BNA_N
ClientSampled :
BG5R8

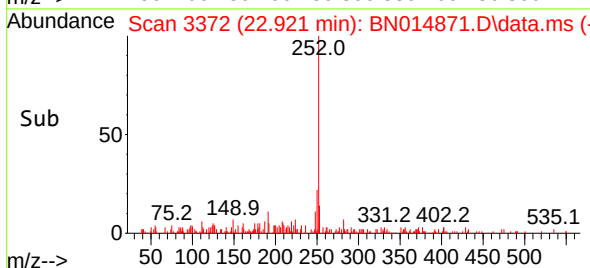
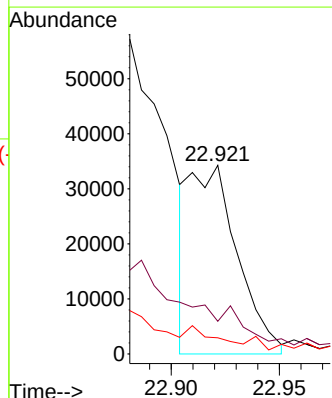
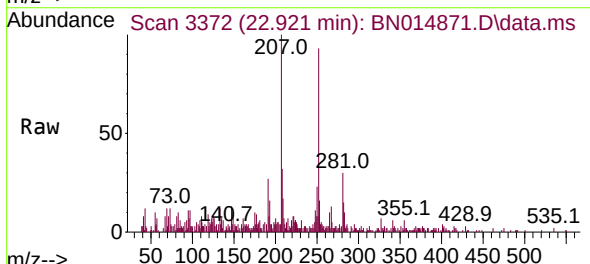
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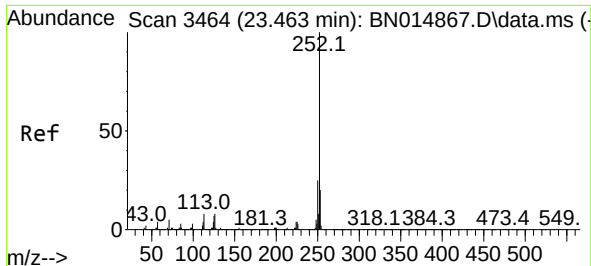
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#91
Benzo(k)fluoranthene
Concen: 1.32 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion:252 Resp: 52320
Ion Ratio Lower Upper
252 100
253 17.3 17.0 25.4
125 8.6 4.8 7.2#





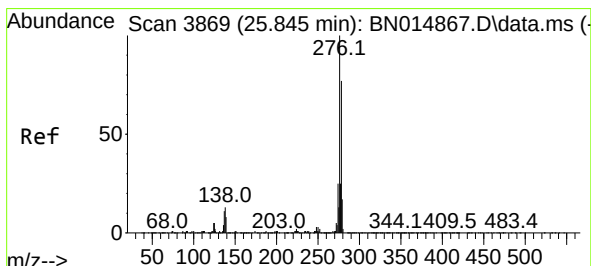
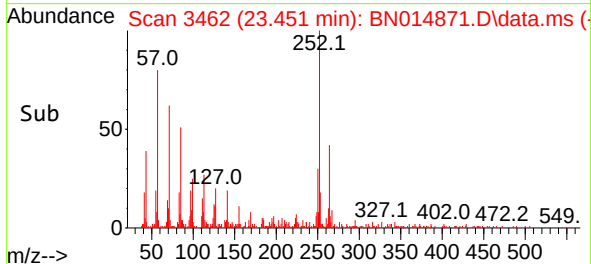
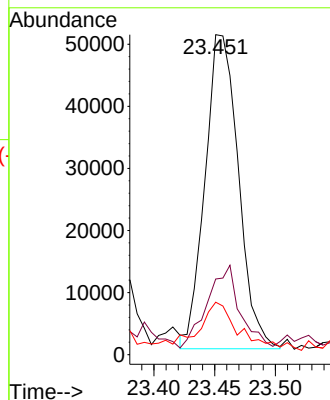
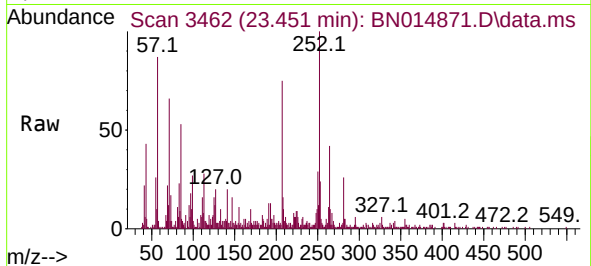
#93
Benzo(a)pyrene
Concen: 2.69 ng/ul m
RT: 23.451 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.8	28.2
125	16.4	5.4	8.2#

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.34 ng/ul m
RT: 25.827 min Scan# 3866
Delta R.T. 0.000 min
Lab File: BN014871.D
Acq: 10 Jun 2021 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.7	10.0	15.0#
277	16.9	19.5	29.3#

