

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
 Data File : BN014894.D
 Acq On : 12 Jun 2021 15:23
 Operator : CG/JU
 Sample : M2620-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 02:39:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 02:36:31 2021
 Response via : Initial Calibration

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

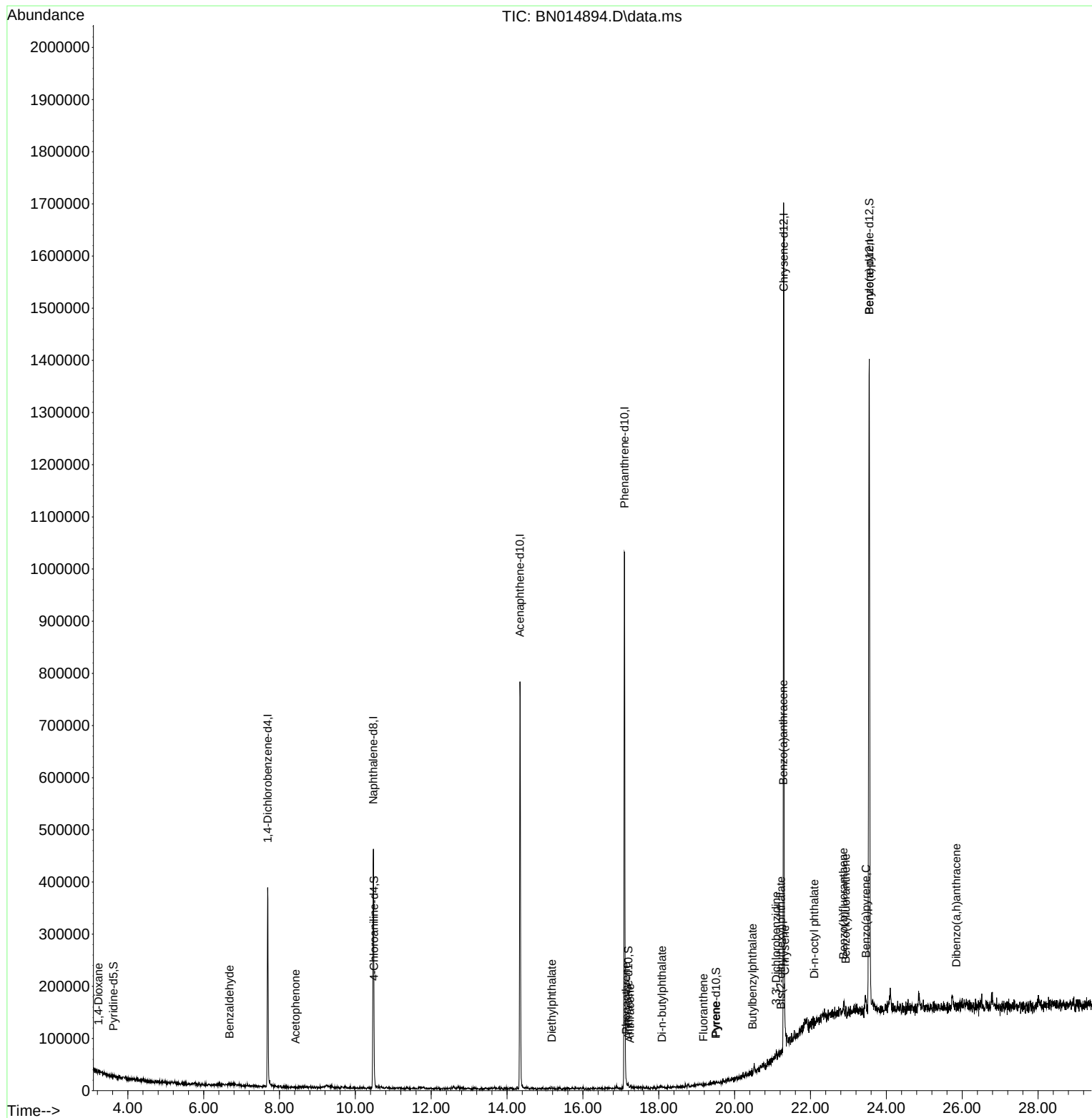
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	88614	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	336772	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.340	164	249306	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	592335	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.292	240	816848	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	935120	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.623	84	2614	0.674	ng/u1	0.01
7) Phenol-d5	0.000	99	0	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/u1	
31) 4-Chloroaniline-d4	10.493	131	181	0.026	ng/u1	-0.12
46) Dimethylphthalate-d6	0.000	166	0	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.198	188	4297	0.160	ng/u1	0.00
81) Pyrene-d10	19.510	212	570	0.015	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.551	264	935120	20.009	ng/u1	0.14
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	908	0.489	ng/uL#	38
6) Benzaldehyde	6.681	77	296	0.089	ng/u1#	5
16) Acetophenone	8.422	105	370	0.041	ng/u1#	15
59) Diethylphthalate	15.181	149	365	0.019	ng/u1#	55
72) Phenanthrene	17.140	178	424	0.014	ng/u1#	60
74) Anthracene	17.240	178	376	0.013	ng/u1#	60
78) Di-n-butylphthalate	18.087	149	1551	0.050	ng/u1#	78
80) Fluoranthene	19.175	202	516	0.012	ng/u1#	76
82) Pyrene	19.504	202	329	0.007	ng/u1#	74
83) Butylbenzylphthalate	20.469	149	258	0.015	ng/u1#	63
84) 3,3'-Dichlorobenzidine	21.098	252	134	0.009	ng/u1#	26
85) Benzo(a)anthracene	21.281	228	3396	0.071	ng/u1#	51
86) Bis(2-ethylhexyl)phtha...	21.222	149	1252	0.050	ng/u1#	43
87) Chrysene	21.328	228	801	0.017	ng/u1#	50
89) Di-n-octyl phthalate	22.098	149	1350	0.028	ng/u1	100
90) Benzo(b)fluoranthene	22.869	252	1435	0.026	ng/u1#	27
91) Benzo(k)fluoranthene	22.927	252	884	0.017	ng/u1#	60
93) Benzo(a)pyrene	23.463	252	203	0.004	ng/u1#	1
95) Dibenzo(a,h)anthracene	25.845	278	160	0.003	ng/u1#	10

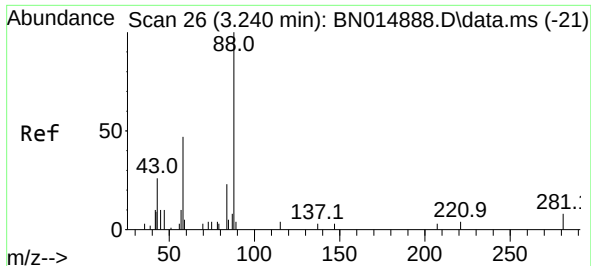
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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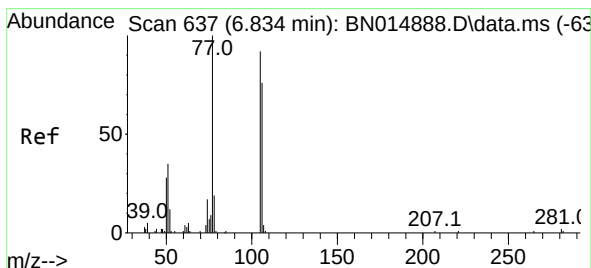
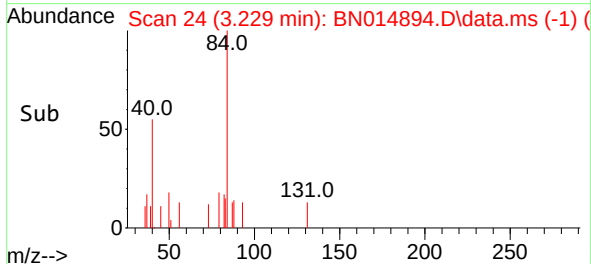
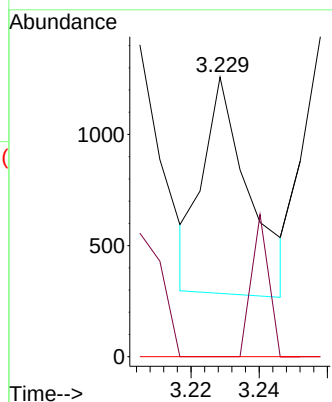
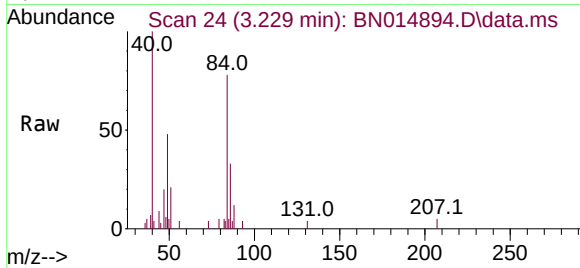




#2
1,4-Dioxane
Concen: 0.489 ng/uL
RT: 3.229 min Scan# 24
Delta R.T. -0.011 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

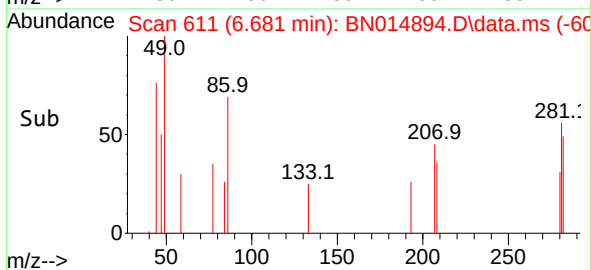
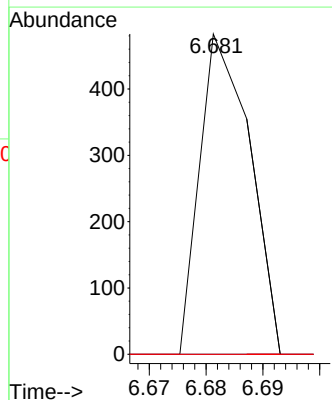
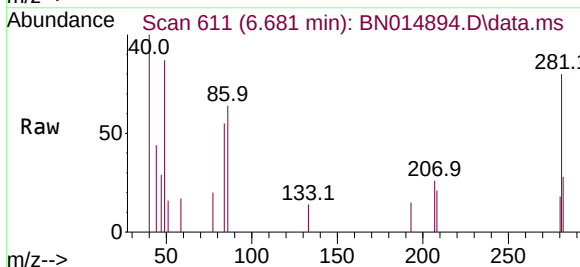
Instrument :
BNA_N
ClientSampled :

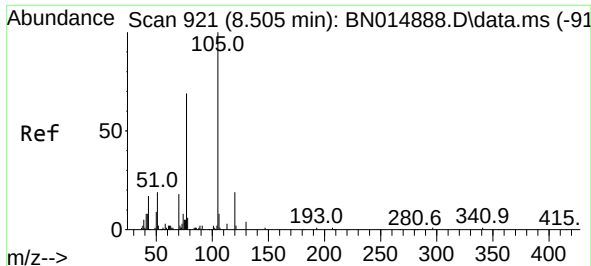
Tgt Ion: 88 Resp: 908
Ion Ratio Lower Upper
88 100
43 0.0 13.8 20.6#
58 0.0 37.1 55.7#



#6
Benzaldehyde
Concen: 0.089 ng/uL
RT: 6.681 min Scan# 611
Delta R.T. -0.153 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

Tgt Ion: 77 Resp: 296
Ion Ratio Lower Upper
77 100
105 0.0 72.2 108.4#
106 0.0 70.2 105.4#

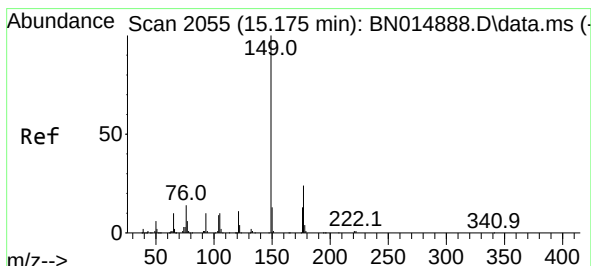
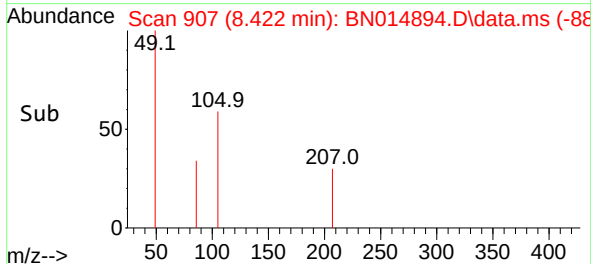
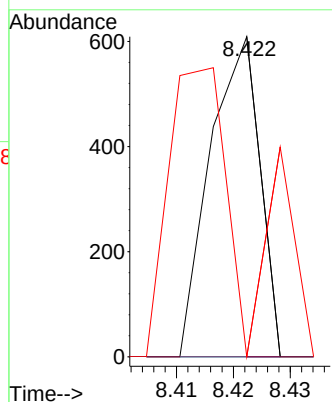
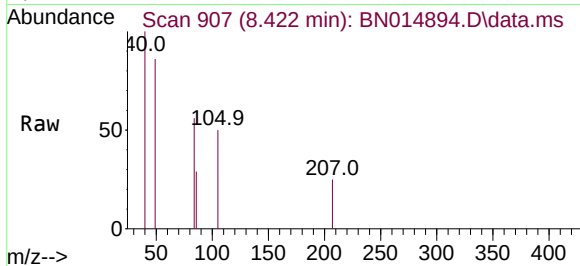




#16
Acetophenone
Concen: 0.041 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. -0.082 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

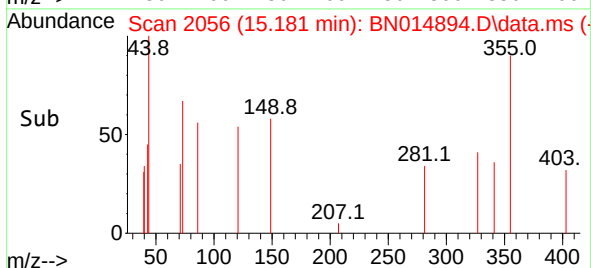
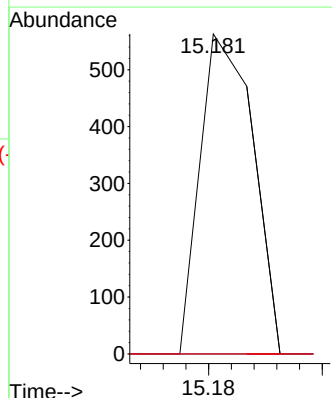
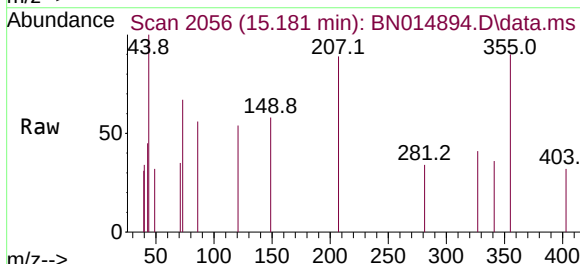
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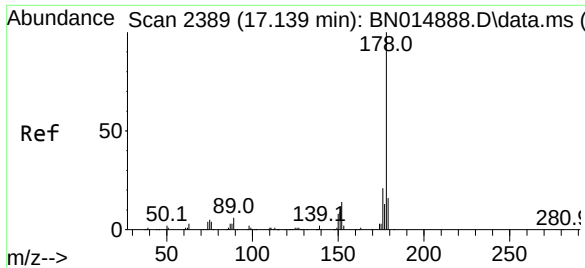
Tgt Ion:105 Resp: 370
Ion Ratio Lower Upper
105 100
77 0.0 70.8 106.2#
51 0.0 15.6 23.4#



#59
Diethylphthalate
Concen: 0.019 ng/ul
RT: 15.181 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

Tgt Ion:149 Resp: 365
Ion Ratio Lower Upper
149 100
177 0.0 20.6 31.0#
150 0.0 11.4 17.2#

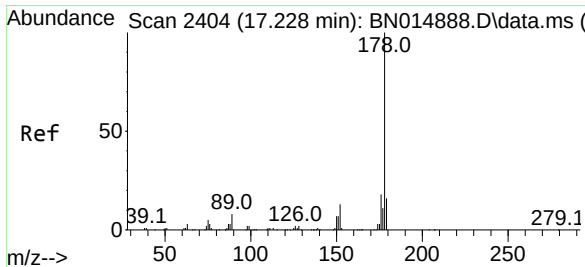
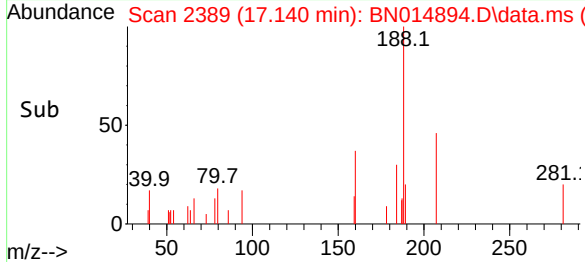
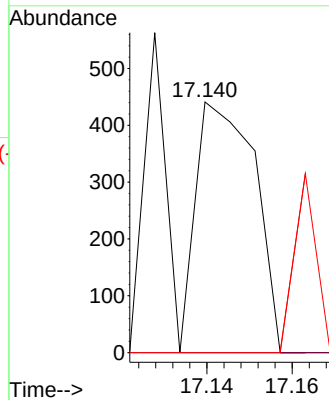
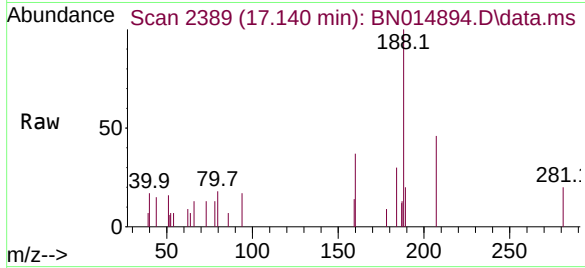




#72
Phenanthrene
Concen: 0.014 ng/ul
RT: 17.140 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

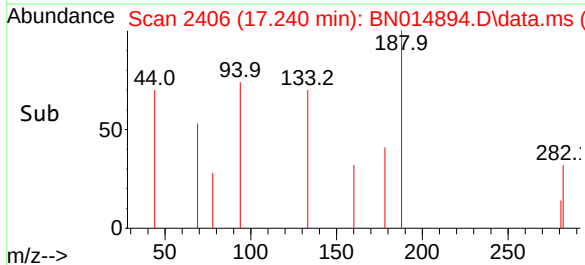
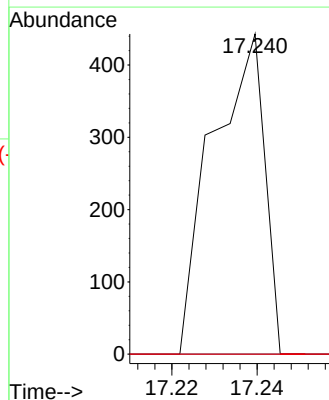
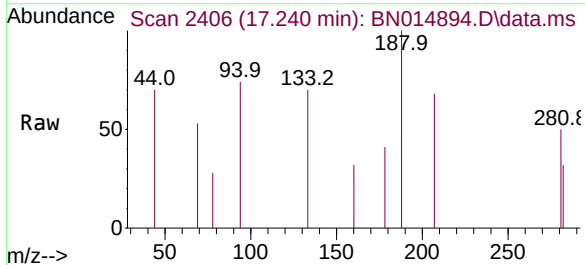
Instrument :
BNA_N
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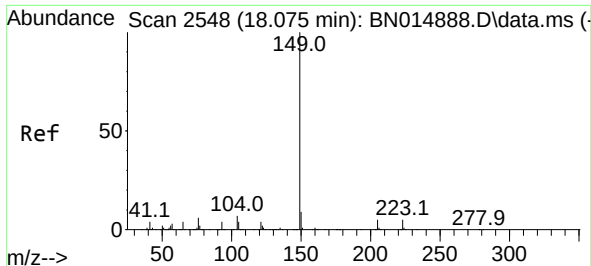
Tgt Ion:178 Resp: 424
Ion Ratio Lower Upper
178 100
179 0.0 12.9 19.3#
176 0.0 15.4 23.0#



#74
Anthracene
Concen: 0.013 ng/ul
RT: 17.240 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

Tgt Ion:178 Resp: 376
Ion Ratio Lower Upper
178 100
179 0.0 12.9 19.3#
176 0.0 15.3 22.9#

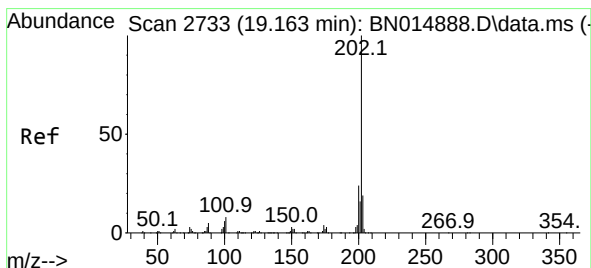
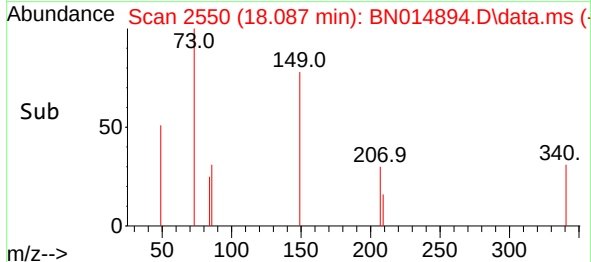
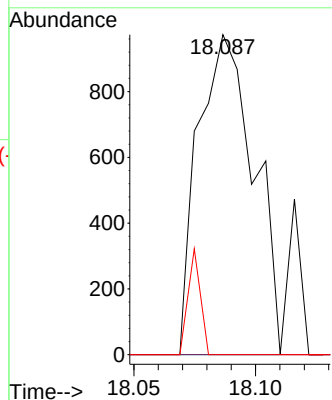
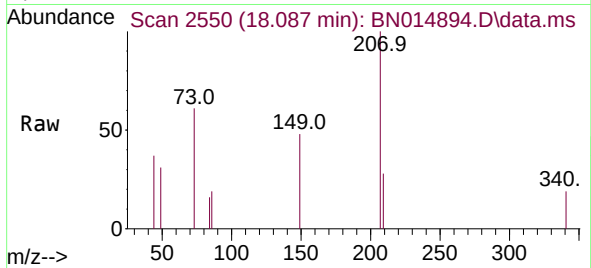




#78
Di-n-butylphthalate
Concen: 0.050 ng/ul
RT: 18.087 min Scan# 2550
Delta R.T. 0.012 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

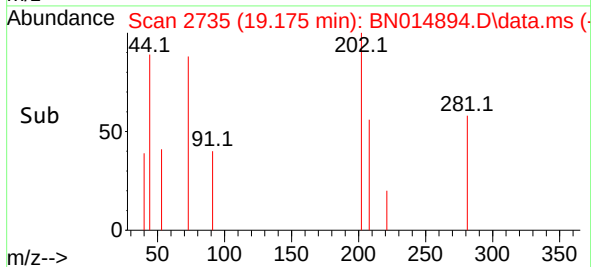
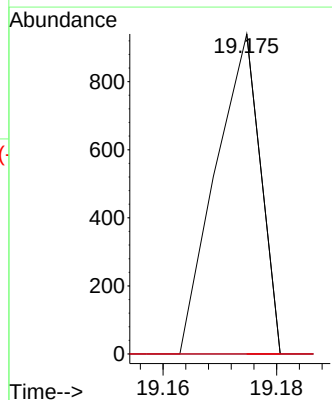
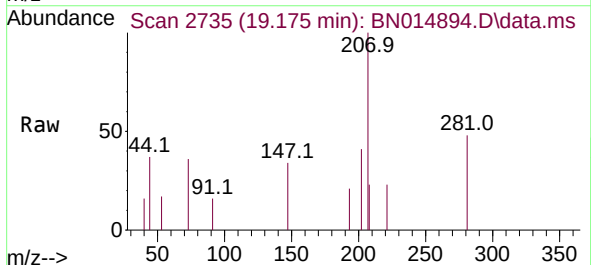
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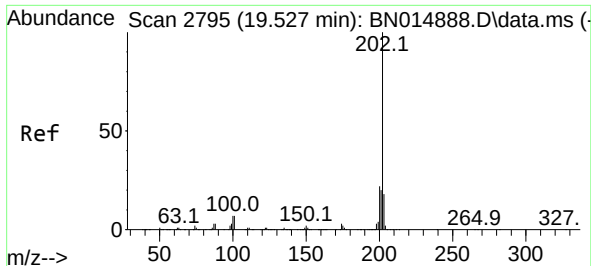
Tgt Ion:149 Resp: 1551
Ion Ratio Lower Upper
149 100
150 0.0 6.5 9.7#
104 0.0 5.6 8.4#



#80
Fluoranthene
Concen: 0.012 ng/ul
RT: 19.175 min Scan# 2735
Delta R.T. 0.012 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

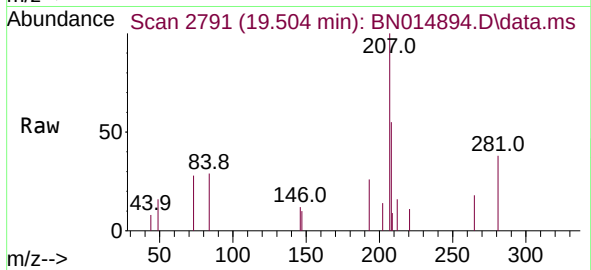
Tgt Ion:202 Resp: 516
Ion Ratio Lower Upper
202 100
101 0.0 7.6 11.4#
100 0.0 5.6 8.4#



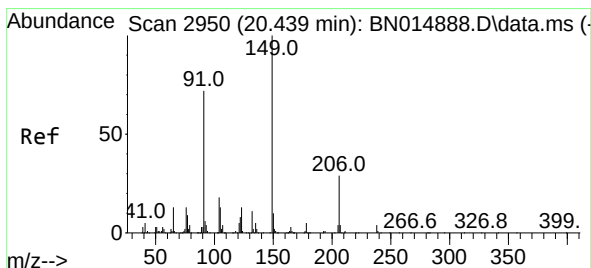
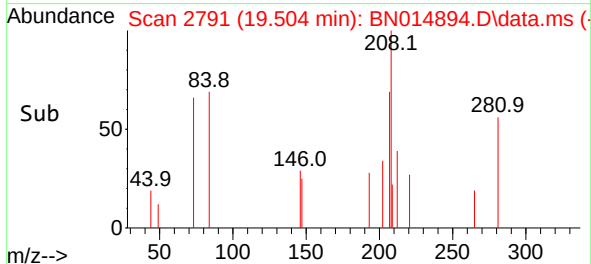
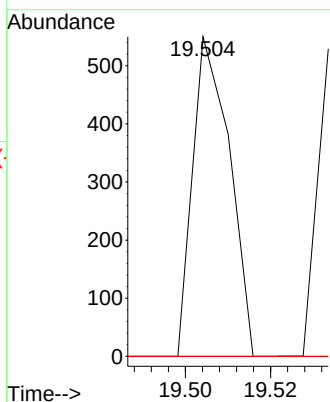


#82
 Pyrene
 Concen: 0.007 ng/ul
 RT: 19.504 min Scan# 2791
 Delta R.T. -0.023 min
 Lab File: BN014894.D
 Acq: 12 Jun 2021 15:23

Instrument :
 BNA_N
 ClientSampled :

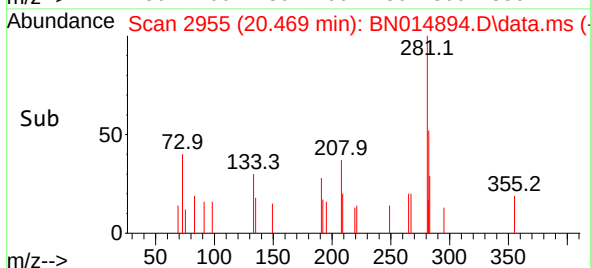
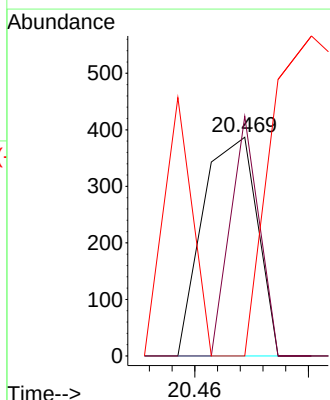
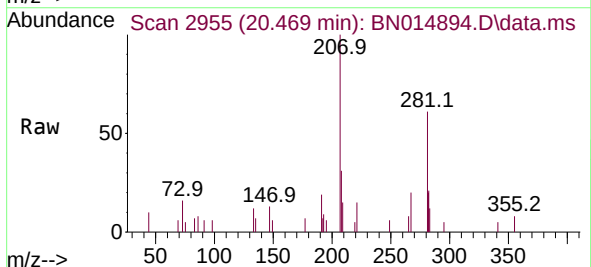


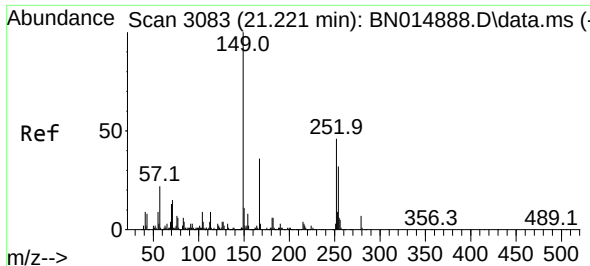
Tgt Ion:202 Resp: 329
 Ion Ratio Lower Upper
 202 100
 101 0.0 8.7 13.1#
 100 0.0 6.2 9.4#



#83
 Butylbenzylphthalate
 Concen: 0.015 ng/ul
 RT: 20.469 min Scan# 2955
 Delta R.T. 0.030 min
 Lab File: BN014894.D
 Acq: 12 Jun 2021 15:23

Tgt Ion:149 Resp: 258
 Ion Ratio Lower Upper
 149 100
 91 109.6 65.7 98.5#
 206 0.0 23.8 35.8#

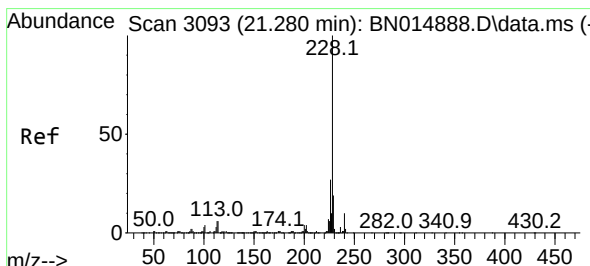
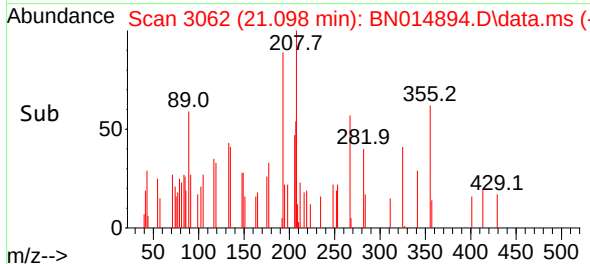
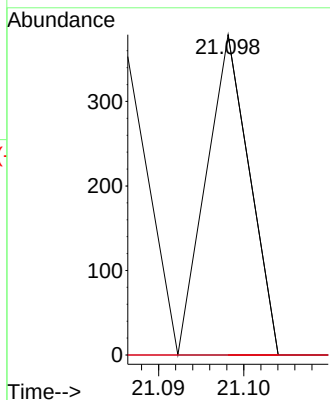
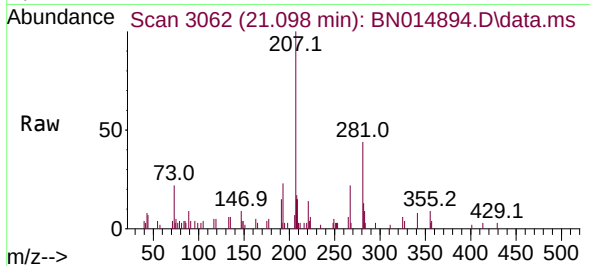




#84
3,3'-Dichlorobenzidine
Concen: 0.009 ng/ul
RT: 21.098 min Scan# 3062
Delta R.T. -0.123 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

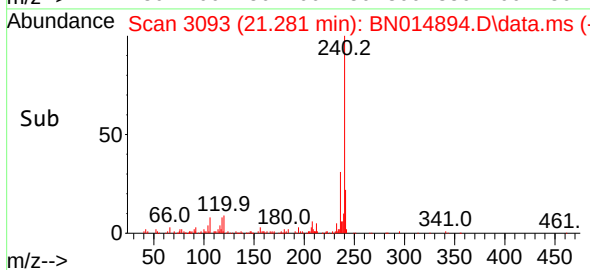
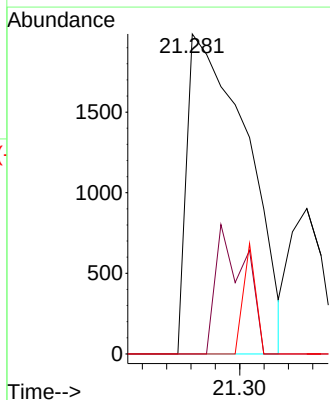
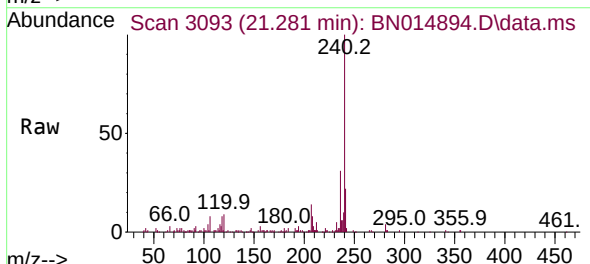
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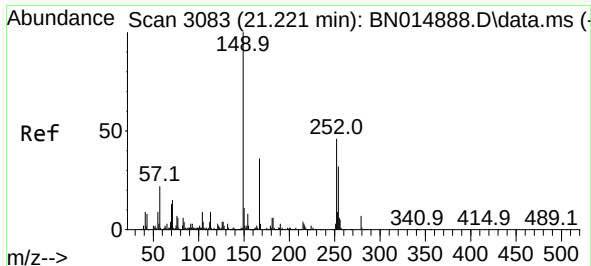
Tgt Ion:252 Resp: 134
Ion Ratio Lower Upper
252 100
254 0.0 50.1 75.1#
126 0.0 6.3 9.5#



#85
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.281 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

Tgt Ion:228 Resp: 3396
Ion Ratio Lower Upper
228 100
229 0.0 16.2 24.4#
226 0.0 21.6 32.4#

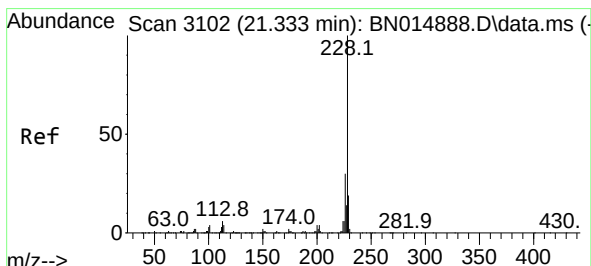
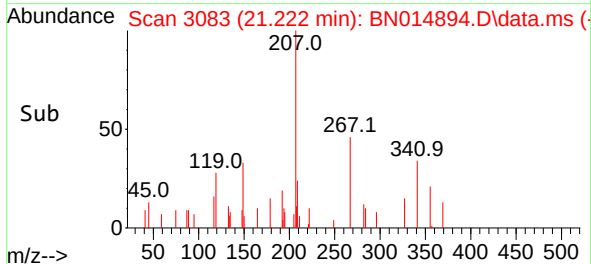
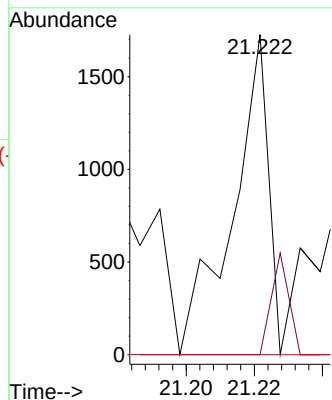
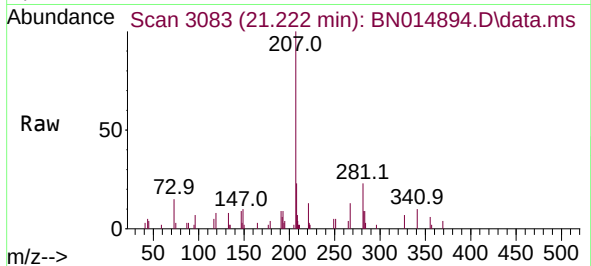




#86
Bis(2-ethylhexyl)phthalate
Concen: 0.050 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

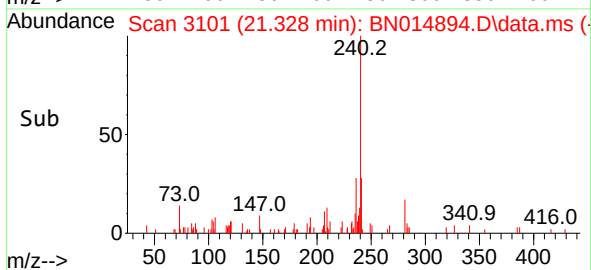
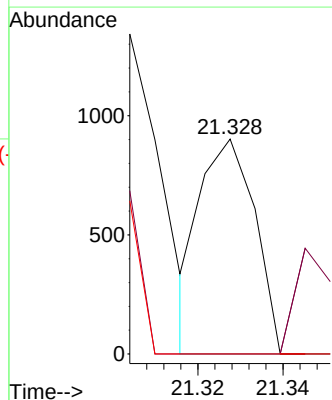
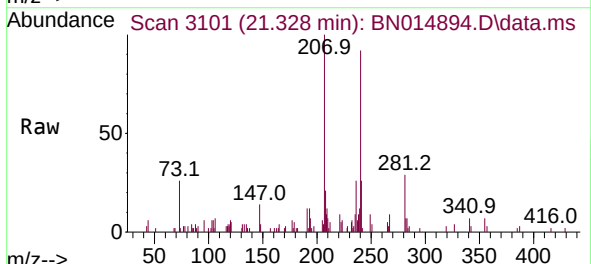
Instrument :
BNA_N
ClientSampleId :

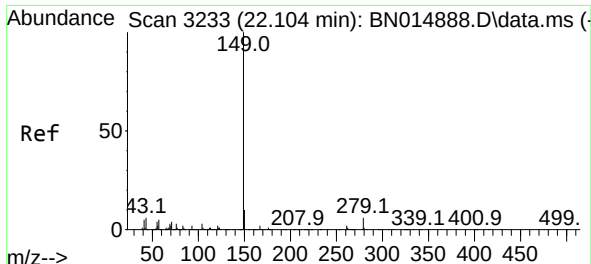
Tgt Ion:149 Resp: 1252
Ion Ratio Lower Upper
149 100
167 0.0 30.7 46.1#
279 0.0 5.1 7.7#



#87
Chrysene
Concen: 0.017 ng/ul
RT: 21.328 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

Tgt Ion:228 Resp: 801
Ion Ratio Lower Upper
228 100
226 0.0 23.8 35.6#
229 0.0 14.8 22.2#

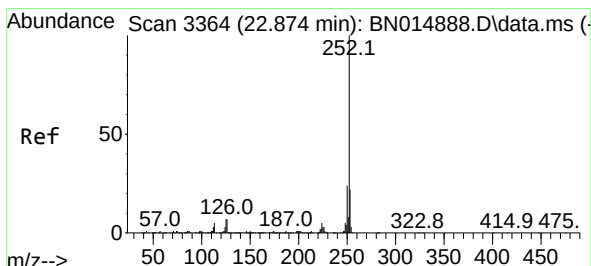
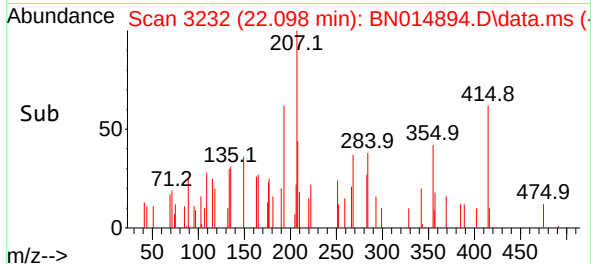
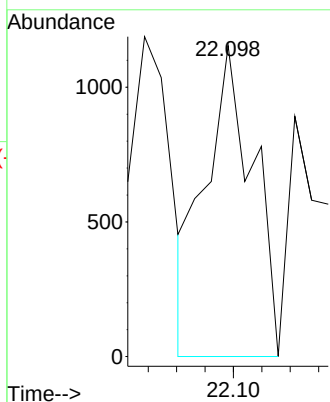
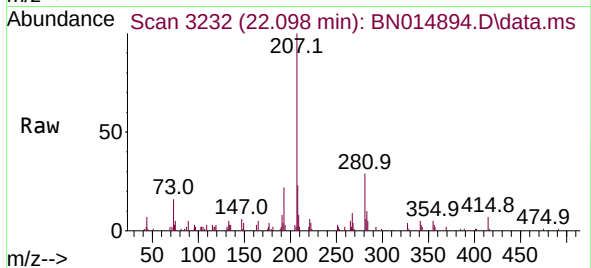




#89
Di-n-octyl phthalate
Concen: 0.028 ng/ul
RT: 22.098 min Scan# 3232
Delta R.T. -0.006 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

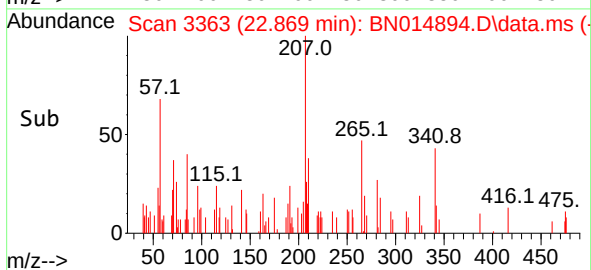
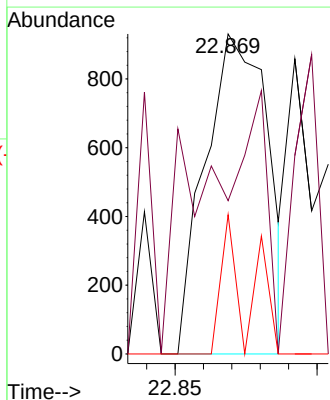
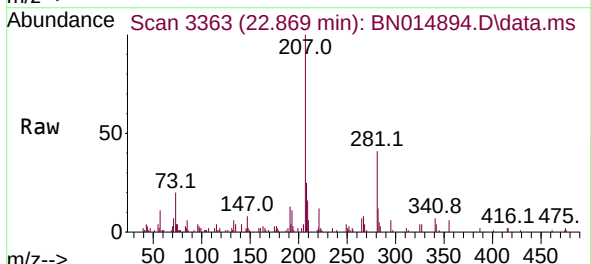
Instrument :
BNA_N
ClientSampleId :

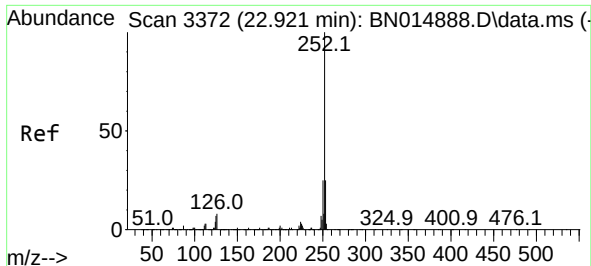
Tgt Ion:149 Resp: 1350



#90
Benzo(b)fluoranthene
Concen: 0.026 ng/ul
RT: 22.869 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

Tgt Ion:252 Resp: 1435
Ion Ratio Lower Upper
252 100
253 47.9 15.8 23.8#
125 43.5 4.3 6.5#

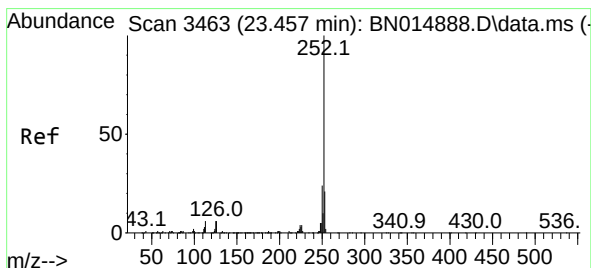
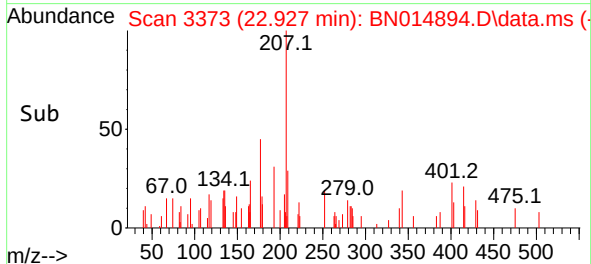
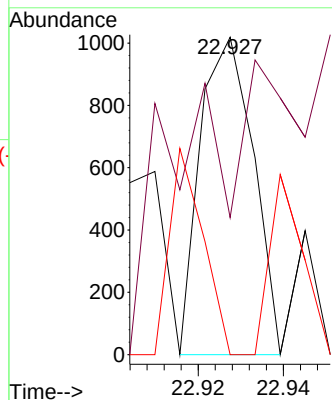
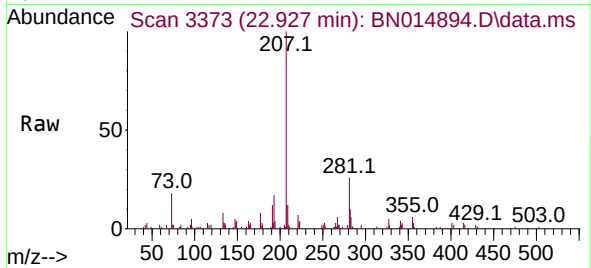




#91
Benzo(k)fluoranthene
Concen: 0.017 ng/ul
RT: 22.927 min Scan# 3373
Delta R.T. 0.006 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

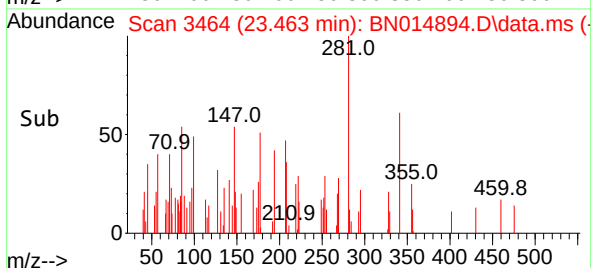
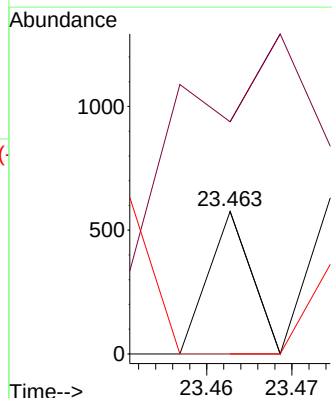
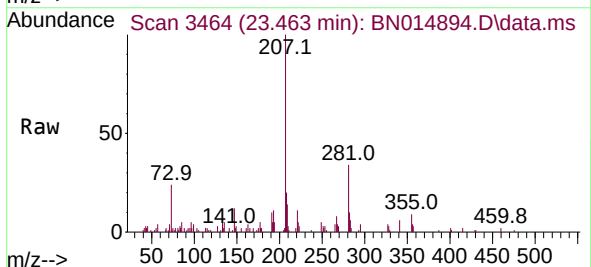
Instrument :
BNA_N
ClientSampled :

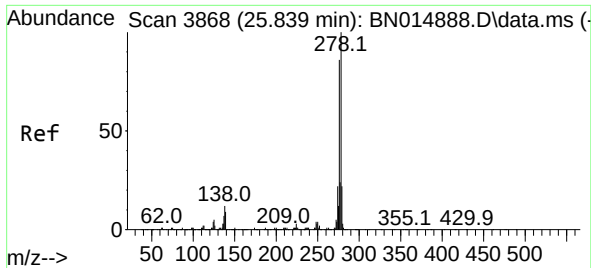
Tgt Ion:252 Resp: 884
Ion Ratio Lower Upper
252 100
253 43.2 17.0 25.4#
125 0.0 4.8 7.2#



#93
Benzo(a)pyrene
Concen: 0.004 ng/ul
RT: 23.463 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BN014894.D
Acq: 12 Jun 2021 15:23

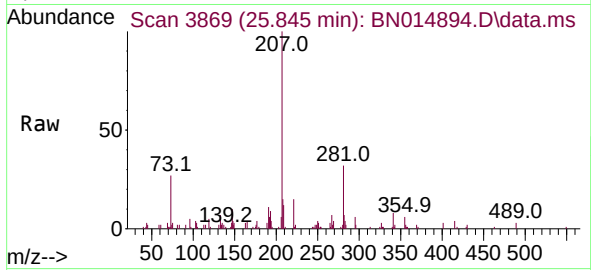
Tgt Ion:252 Resp: 203
Ion Ratio Lower Upper
252 100
253 162.8 18.8 28.2#
125 0.0 5.4 8.2#





#95
 Dibenzo(a,h)anthracene
 Concen: 0.003 ng/ul
 RT: 25.845 min Scan# 3869
 Delta R.T. 0.006 min
 Lab File: BN014894.D
 Acq: 12 Jun 2021 15:23

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	278	Resp:	160
Ion	Ratio	Lower	Upper
278	100		
139	80.5	7.6	11.4#
279	0.0	19.0	28.6#

