

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
 Data File : BN015043.D
 Acq On : 24 Jun 2021 16:42
 Operator : CG/JU
 Sample : M2682-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD90

Manual Integrations
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Quant Time: Jun 24 17:13:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	166927	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	678065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	407080	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	818056	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	787414	20.000	ng/u1	0.00
88) Perylene-d12	23.545	264	803081	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	11393	2.656	ng/uL	0.00
4) Pyridine-d5	3.687	84	48343	4.180	ng/u1	0.01
7) Phenol-d5	6.893	99	210147	14.505	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	123796	14.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.264	132	166364	15.144	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	162855	14.564	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	74556	16.074	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	73144	17.703	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	152079	15.595	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	189859	12.562	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	476192	17.035	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	595624	16.414	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	54229	11.122	ng/u1	0.00
60) Fluorene-d10	15.345	176	413610	17.008	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	35526	10.515	ng/u1	0.00
73) Anthracene-d10	17.198	188	621929	16.610	ng/u1	0.00
81) Pyrene-d10	19.498	212	615441	14.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	481285	12.140	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.139	178	181893	4.213	ng/u1	98
74) Anthracene	17.234	178	53332	1.203	ng/u1	98
80) Fluoranthene	19.163	202	518276	10.403	ng/u1	99
82) Pyrene	19.528	202	406176	7.822	ng/u1	99
85) Benzo(a)anthracene	21.280	228	334143m	6.861	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.227	149	53466	1.804	ng/u1	99
87) Chrysene	21.333	228	300257	6.261	ng/u1	98
90) Benzo(b)fluoranthene	22.874	252	371292	7.678	ng/u1	96
91) Benzo(k)fluoranthene	22.910	252	106268m	2.171	ng/u1	
93) Benzo(a)pyrene	23.445	252	150760	3.430	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	25.804	276	109150	2.047	ng/u1	93

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

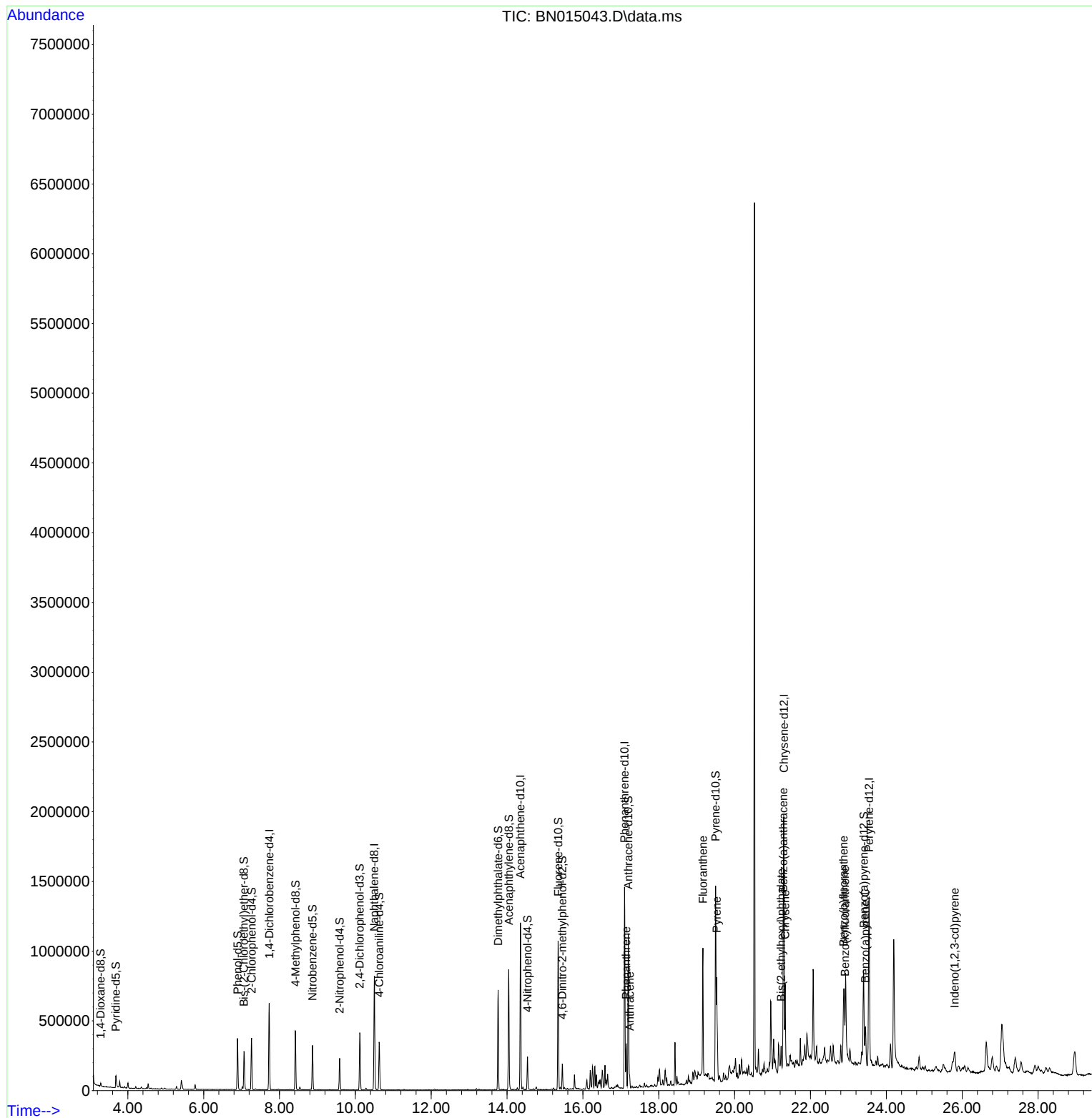
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015043.D
Acq On : 24 Jun 2021 16:42
Operator : CG/JU
Sample : M2682-07
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ALS Vial : 7 Sample Multiplier: 1

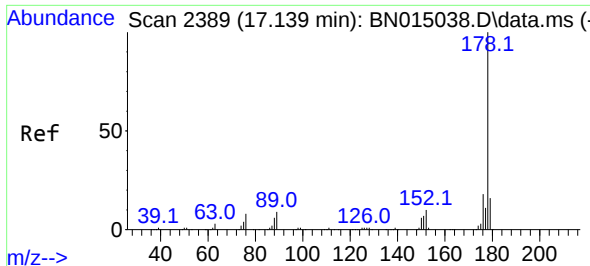
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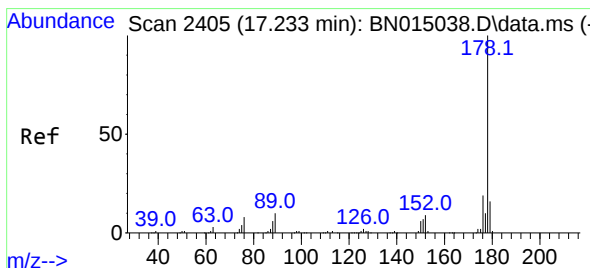
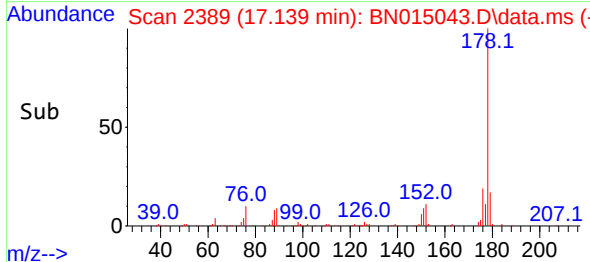
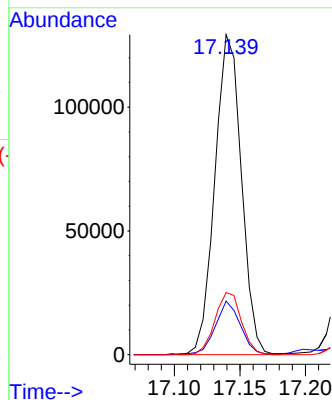
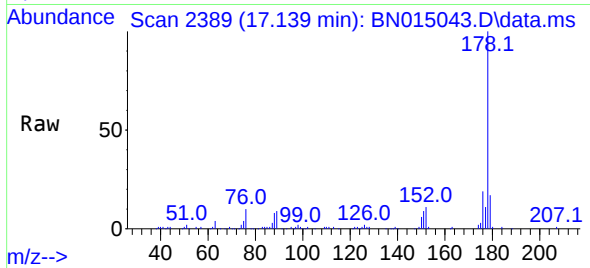
#72
Phenanthrene
Concen: 4.213 ng/u1
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

Tgt Ion:178 Resp: 181893
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.2
176 19.4 15.4 23.2

Instrument :
BNA_N
ClientSampleId :
BGD90

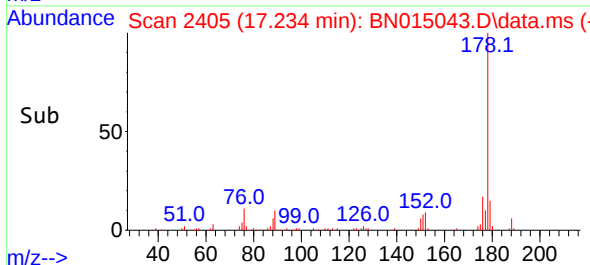
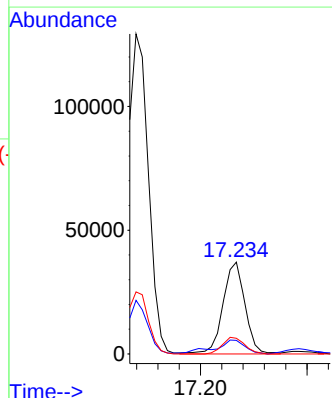
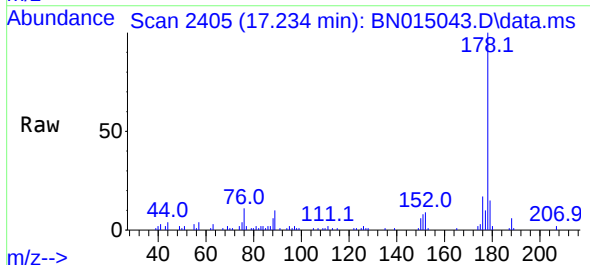
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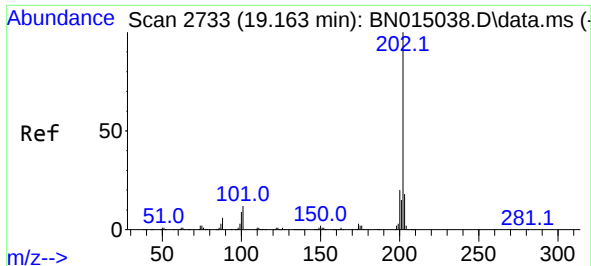
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#74
Anthracene
Concen: 1.203 ng/u1
RT: 17.234 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

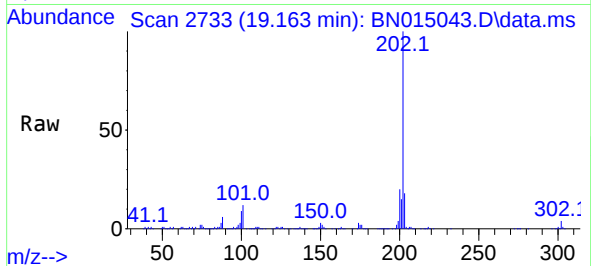
Tgt Ion:178 Resp: 53332
Ion Ratio Lower Upper
178 100
179 14.8 11.6 17.4
176 17.0 14.6 21.8





#80
Fluoranthene
Concen: 10.403 ng/u1
RT: 19.163 min Scan# 2733
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

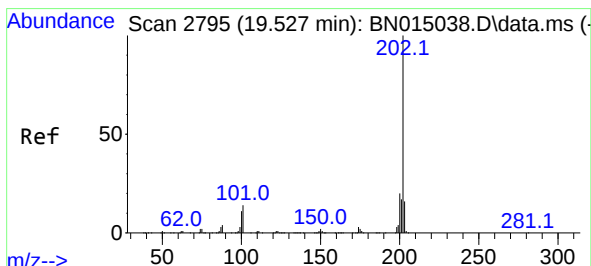
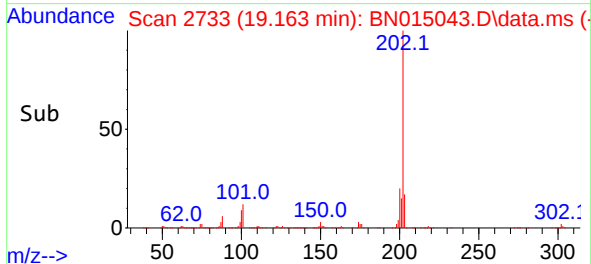
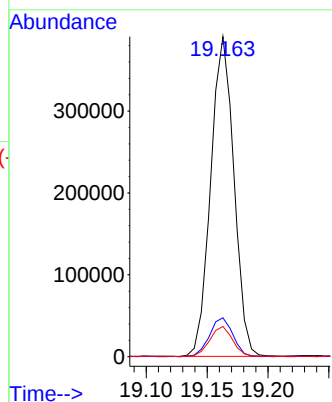
Instrument :
BNA_N
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Tgt Ion:202 Resp: 518276
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.5 7.4 11.2

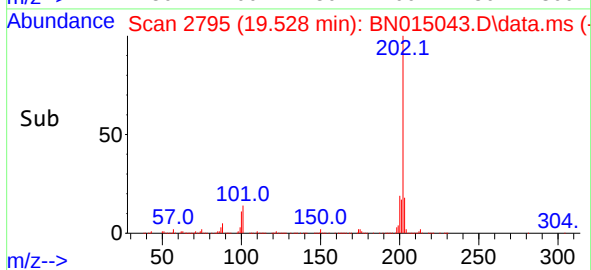
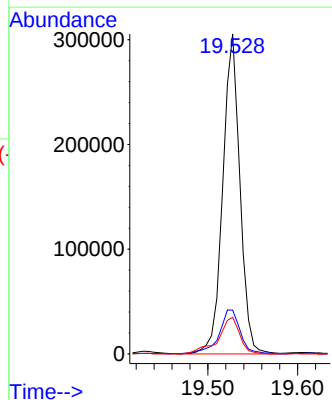
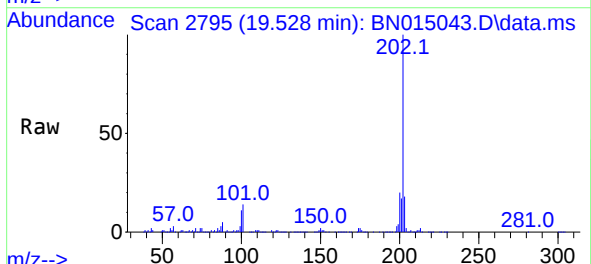
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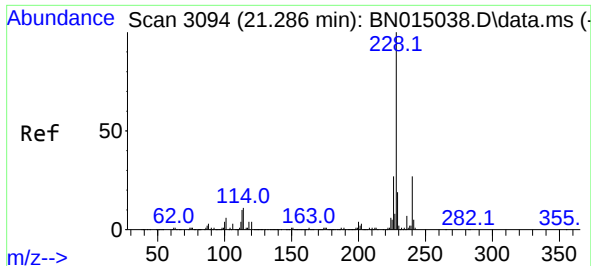
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#82
Pyrene
Concen: 7.822 ng/u1
RT: 19.528 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

Tgt Ion:202 Resp: 406176
Ion Ratio Lower Upper
202 100
101 13.7 11.6 17.4
100 11.4 9.2 13.8





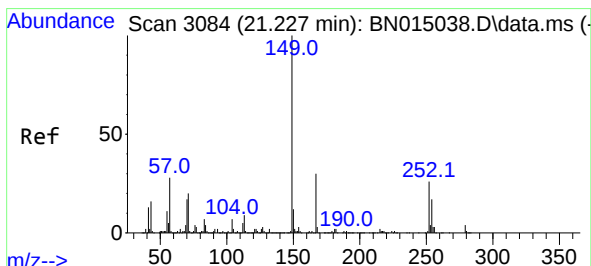
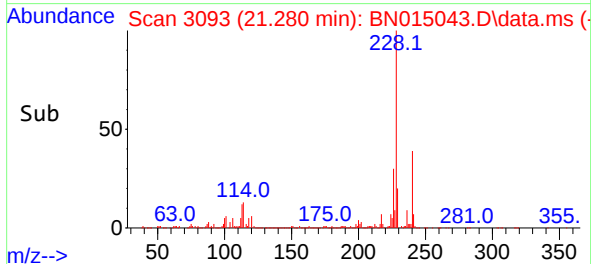
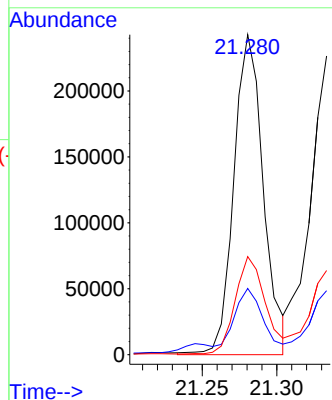
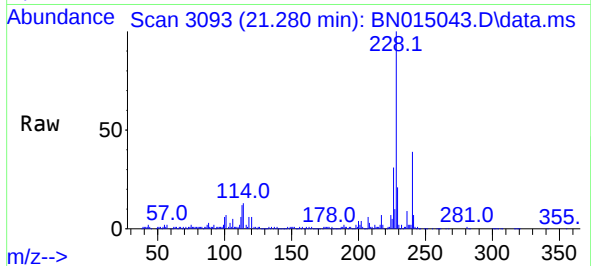
#85
Benzo(a)anthracene
Concen: 6.861 ng/ul m
RT: 21.280 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

Tgt Ion:228 Resp: 334143
Ion Ratio Lower Upper
228 100
229 20.7 14.8 22.2
226 30.6 20.2 30.4#

Instrument :
BNA_N
ClientSampled :
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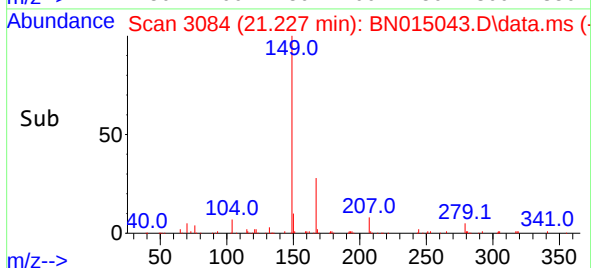
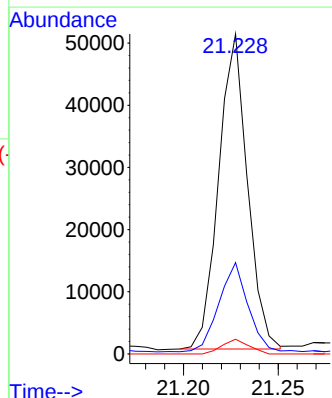
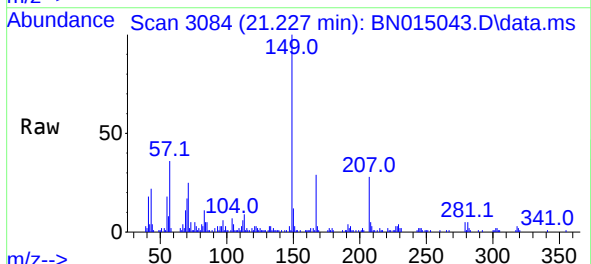
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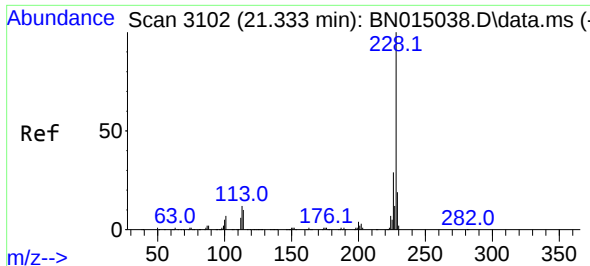
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#86
Bis(2-ethylhexyl)phthalate
Concen: 1.804 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

Tgt Ion:149 Resp: 53466
Ion Ratio Lower Upper
149 100
167 28.6 23.4 35.0
279 4.6 3.4 5.2





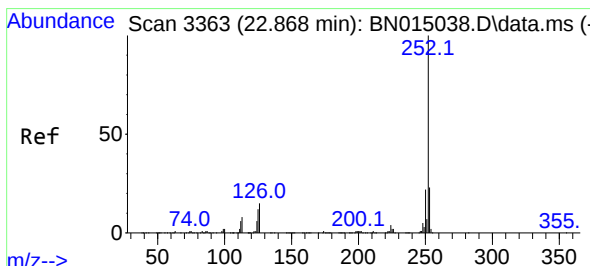
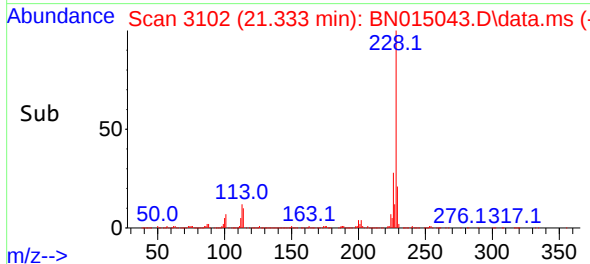
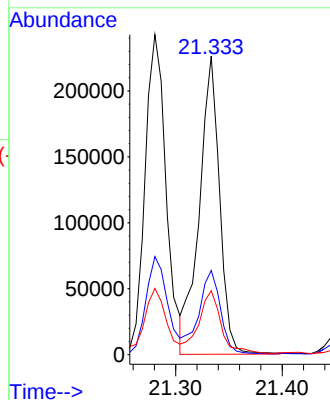
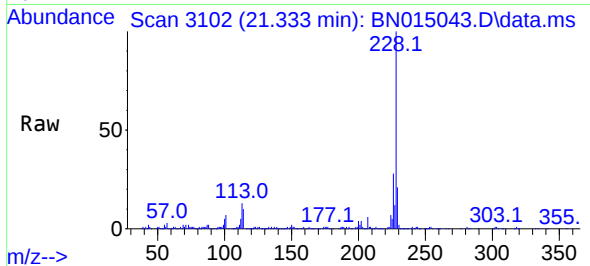
#87
Chrysene
Concen: 6.261 ng/u1
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

Tgt Ion:228 Resp: 300257
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 21.4 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGD90

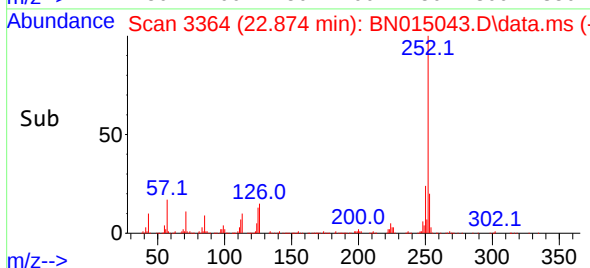
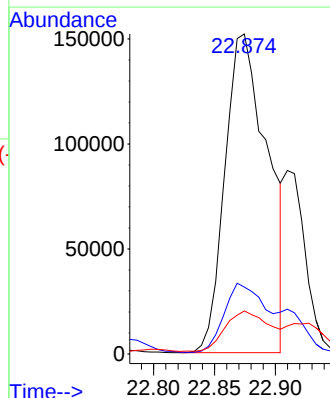
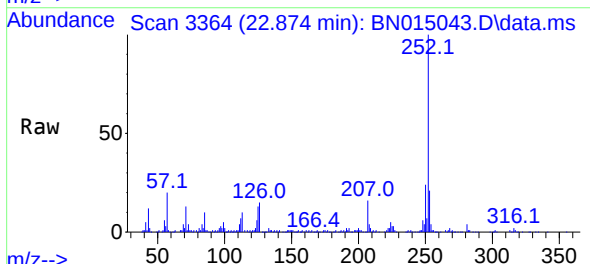
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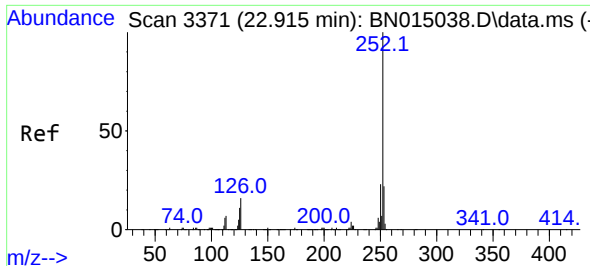
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#90
Benzo(b)fluoranthene
Concen: 7.678 ng/u1
RT: 22.874 min Scan# 3364
Delta R.T. 0.006 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

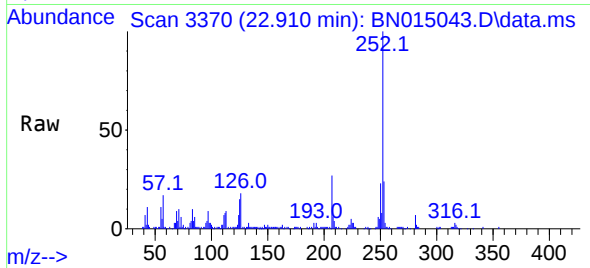
Tgt Ion:252 Resp: 371292
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 13.5 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 2.171 ng/ul m
RT: 22.910 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42

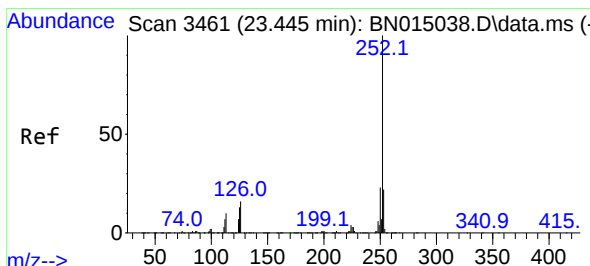
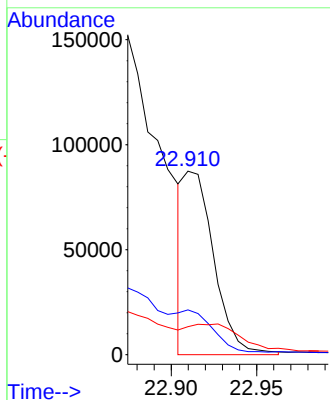
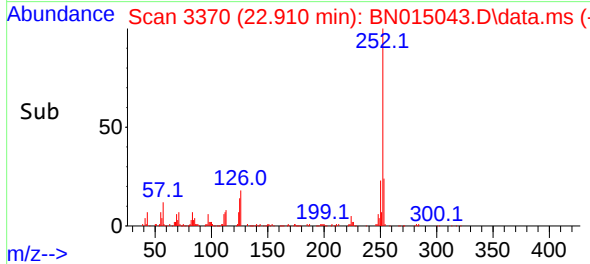
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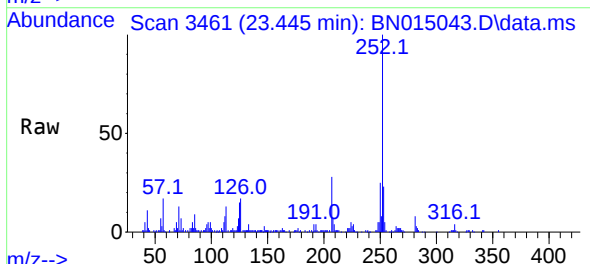
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Ion Ratio Lower Upper
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125 15.2 8.8 13.2#

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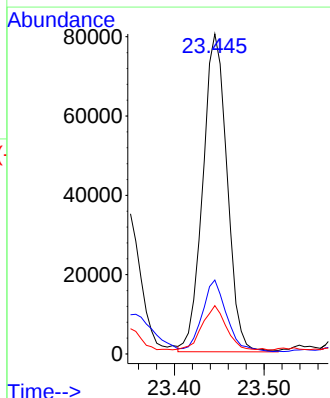
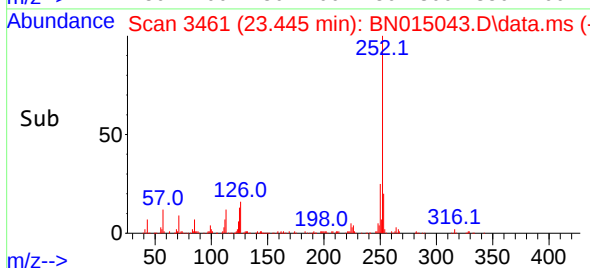
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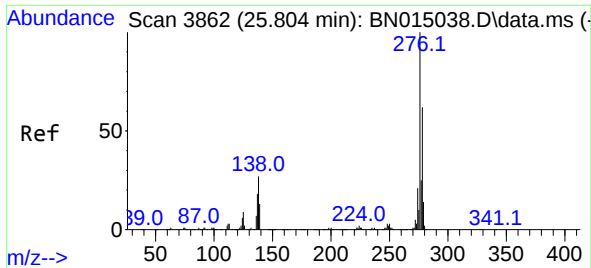


#93
Benzo(a)pyrene
Concen: 3.430 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.000 min
Lab File: BN015043.D
Acq: 24 Jun 2021 16:42



Tgt Ion:252 Resp: 150760
Ion Ratio Lower Upper
252 100
253 23.1 16.4 24.6
125 15.1 9.3 13.9#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.047 ng/ul
 RT: 25.804 min Scan# 3862
 Delta R.T. 0.000 min
 Lab File: BN015043.D
 Acq: 24 Jun 2021 16:42

Tgt Ion: 276 Resp: 109150
 Ion Ratio Lower Upper
 276 100
 138 23.4 23.0 34.4
 277 26.1 19.5 29.3

Instrument :
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