

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082321\
 Data File : BN016010.D
 Acq On : 23 Aug 2021 14:51
 Operator : CG/JU
 Sample : M3448-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKE7DL

Quant Time: Aug 23 15:23:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 23 10:52:20 2021
 Response via : Initial Calibration

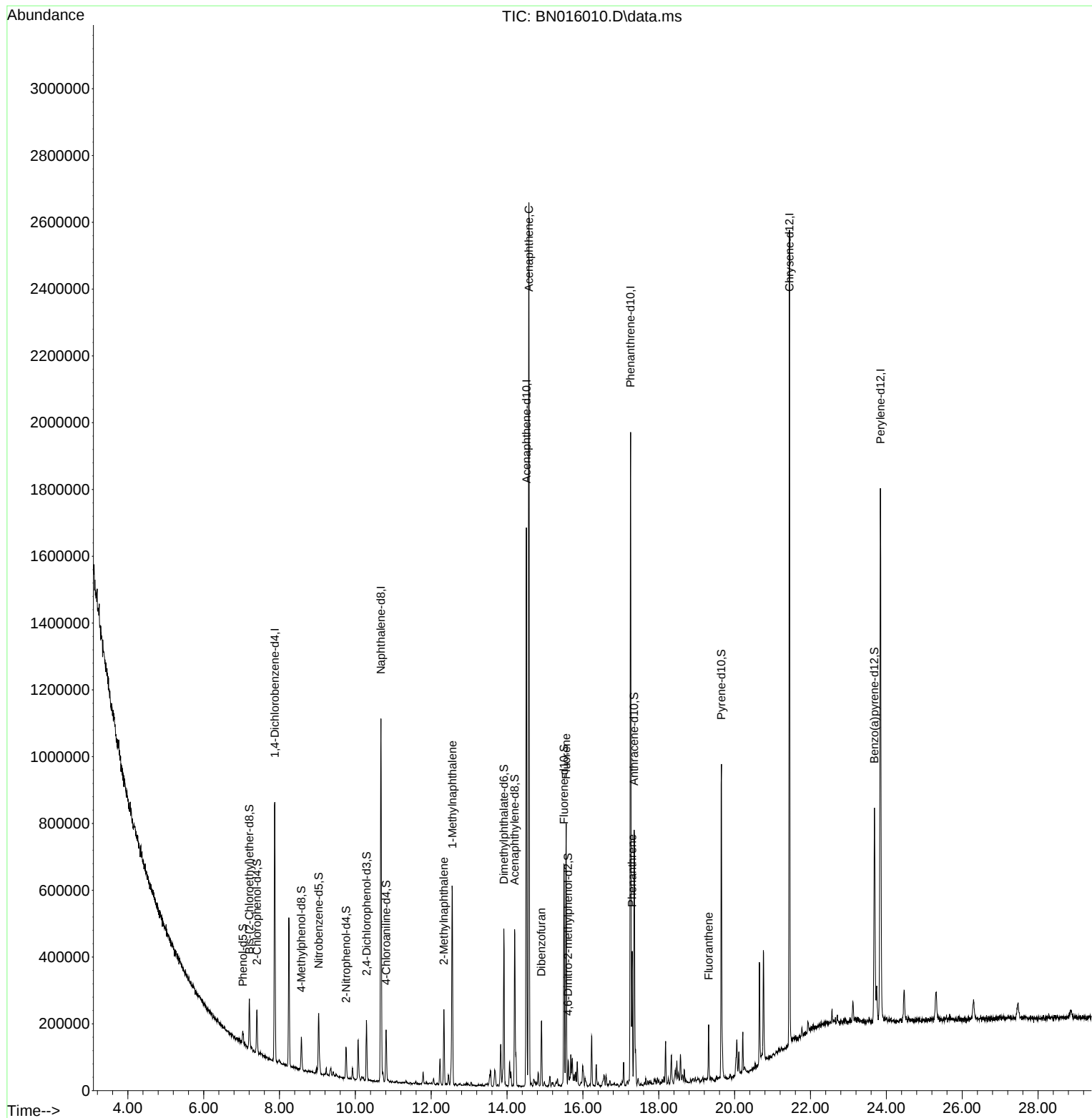
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	207265	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	866395	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	537361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1134615	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1145466	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1145695	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.034	99	20878	1.114	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	70553	6.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	56795	4.257	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	35207	2.414	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	36681	5.752	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	27383	4.588	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	60001	4.646	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	79707	4.055	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	279223	7.090	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	320276	6.494	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.504	176	250301	7.286	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	13084	2.159	ng/u1	-0.01
73) Anthracene-d10	17.351	188	430845	8.102	ng/u1	0.00
81) Pyrene-d10	19.651	212	483167	7.831	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	462136	7.460	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.334	142	98279	3.046	ng/u1	91
37) 1-Methylnaphthalene	12.557	142	264287	8.228	ng/u1	98
52) Acenaphthene	14.575	153	1015678	29.951	ng/u1	98
56) Dibenzofuran	14.904	168	114134	2.434	ng/u1	95
61) Fluorene	15.557	166	325022	8.496	ng/u1	96
72) Phenanthrene	17.298	178	212473	3.445	ng/u1	98
80) Fluoranthene	19.316	202	88802	1.190	ng/u1#	95

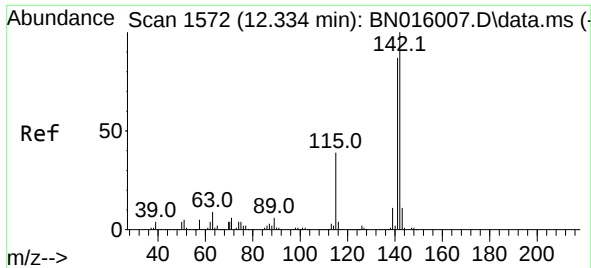
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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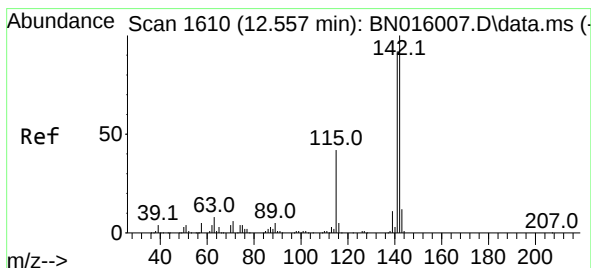
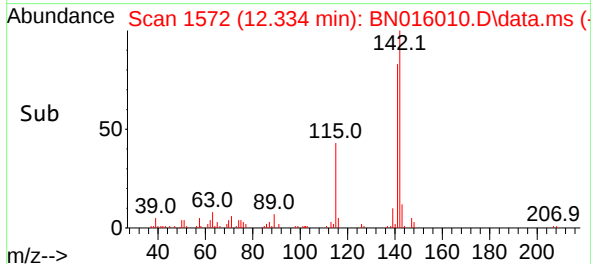
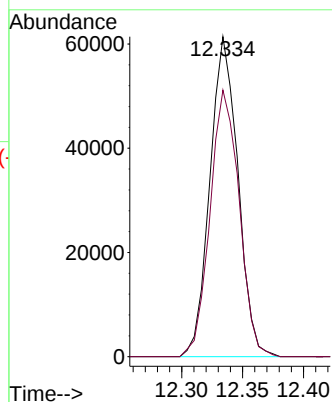
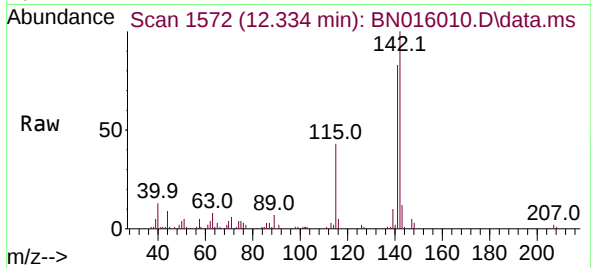




#36
2-Methylnaphthalene
Concen: 3.046 ng/ul
RT: 12.334 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BN016010.D
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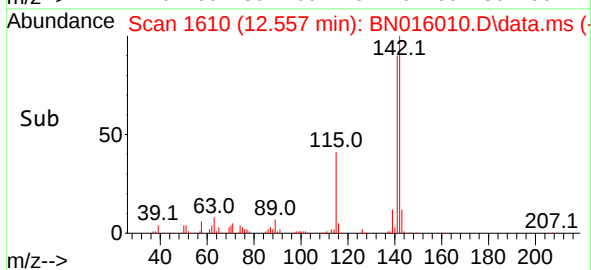
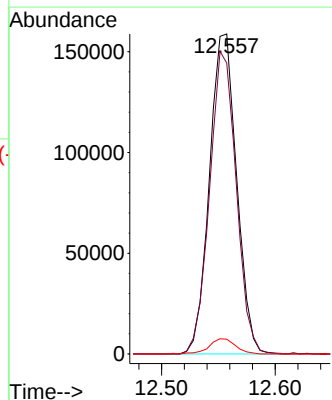
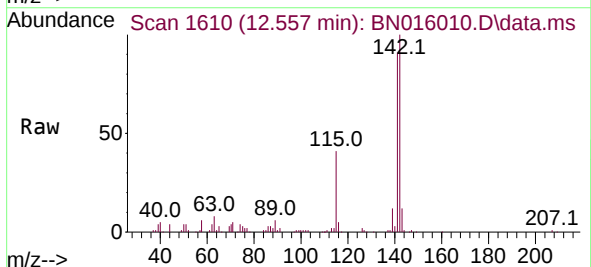
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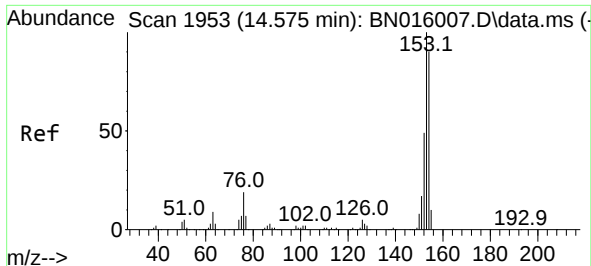
Tgt Ion:142 Resp: 98279
Ion Ratio Lower Upper
142 100
141 83.3 73.4 110.0



#37
1-Methylnaphthalene
Concen: 8.228 ng/ul
RT: 12.557 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BN016010.D
Acq: 23 Aug 2021 14:51

Tgt Ion:142 Resp: 264287
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4
116 4.6 3.4 5.0

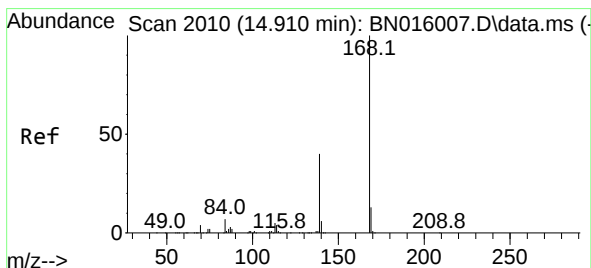
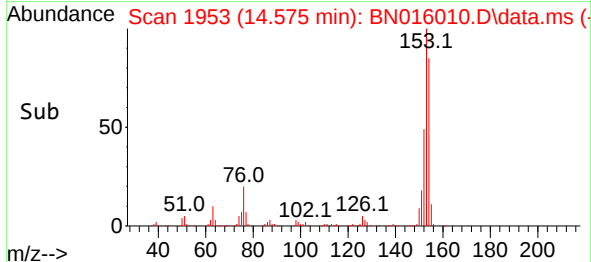
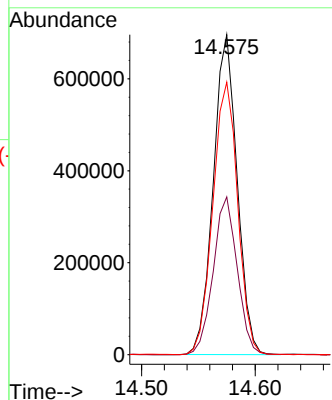
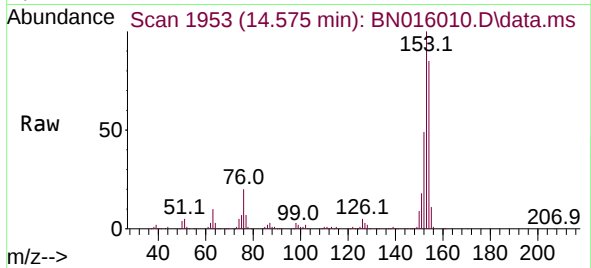




#52
Acenaphthene
Concen: 29.951 ng/u1
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BN016010.D
Acq: 23 Aug 2021 14:51

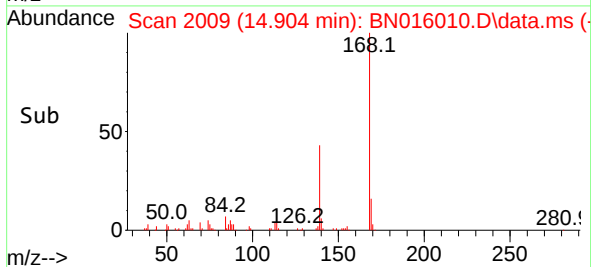
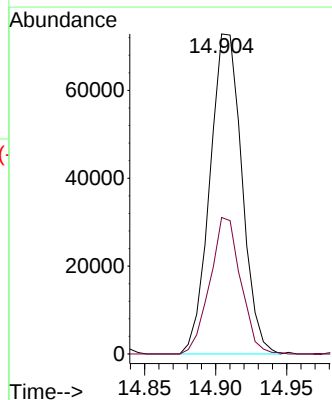
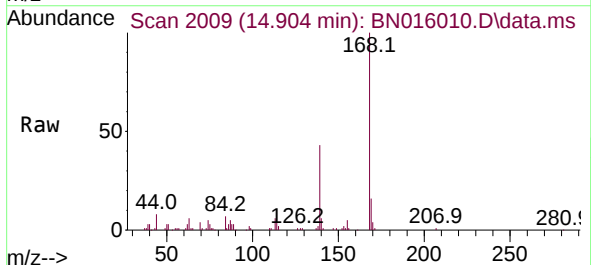
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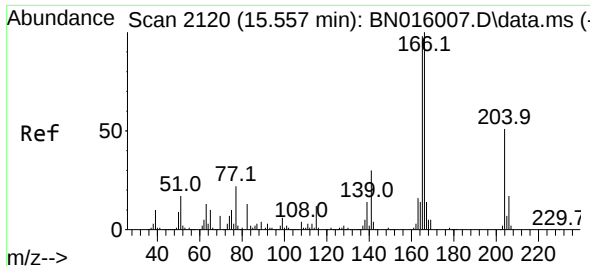
Tgt Ion:153 Resp: 1015678
Ion Ratio Lower Upper
153 100
152 49.3 38.6 57.8
154 85.1 69.3 103.9



#56
Dibenzofuran
Concen: 2.434 ng/u1
RT: 14.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BN016010.D
Acq: 23 Aug 2021 14:51

Tgt Ion:168 Resp: 114134
Ion Ratio Lower Upper
168 100
139 42.7 31.8 47.6

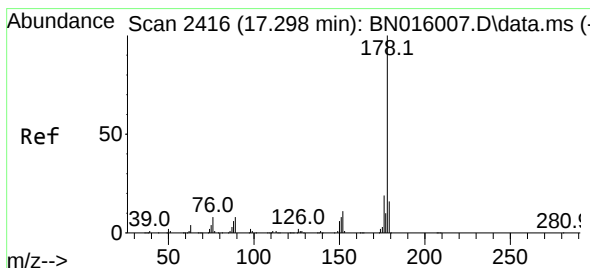
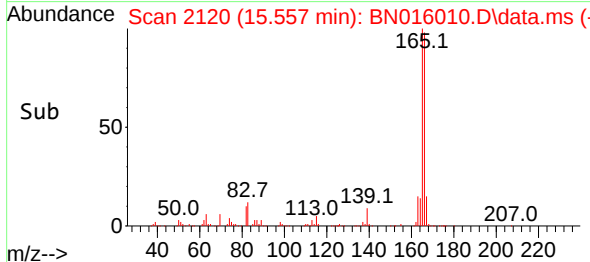
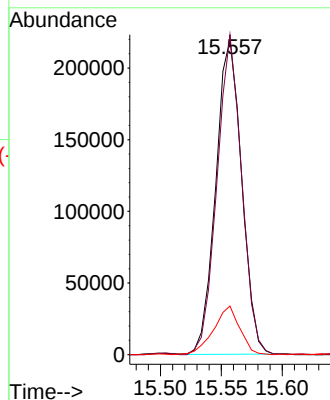
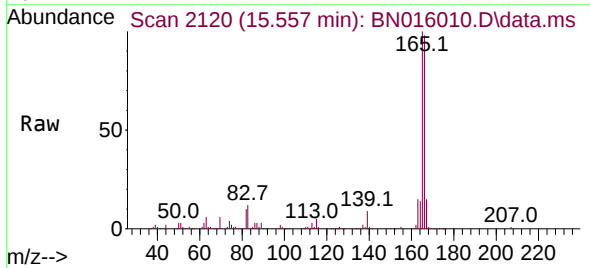




#61
Fluorene
Concen: 8.496 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN016010.D
Acq: 23 Aug 2021 14:51

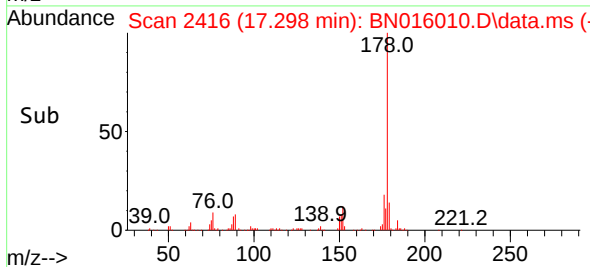
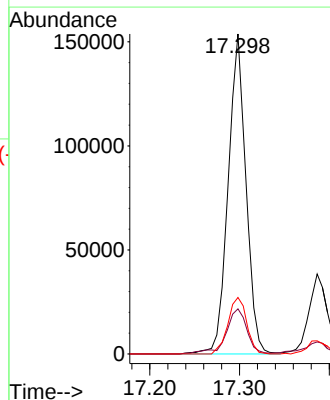
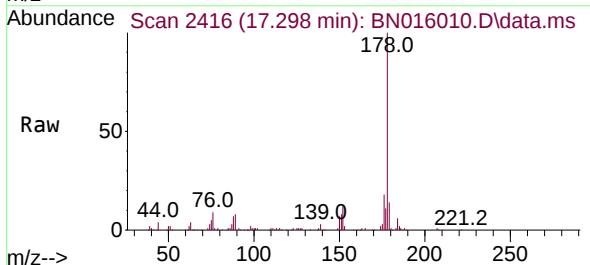
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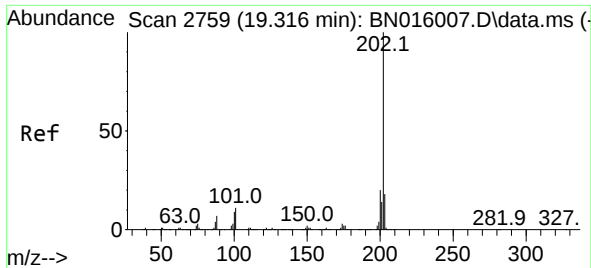
Tgt Ion:166 Resp: 325022
Ion Ratio Lower Upper
166 100
165 101.5 78.4 117.6
167 15.4 10.8 16.2



#72
Phenanthrene
Concen: 3.445 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BN016010.D
Acq: 23 Aug 2021 14:51

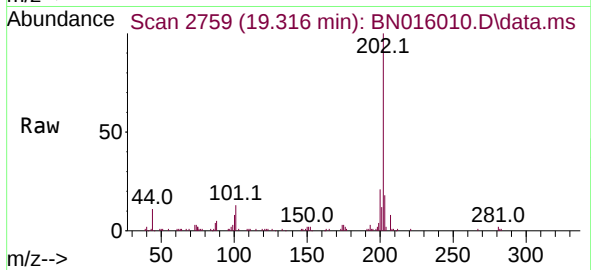
Tgt Ion:178 Resp: 212473
Ion Ratio Lower Upper
178 100
179 14.1 12.5 18.7
176 17.7 14.6 21.8





#80
 Fluoranthene
 Concen: 1.190 ng/ul
 RT: 19.316 min Scan# 2759
 Delta R.T. -0.000 min
 Lab File: BN016010.D
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 ClientSampleId :
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Tgt Ion:202 Resp: 88802
 Ion Ratio Lower Upper
 202 100
 101 12.6 8.0 12.0#
 100 7.6 6.7 10.1

