

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031948.D
 Acq On : 30 Aug 2021 13:32
 Operator : CG/JU
 Sample : M3365-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK83

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:37:02 AM

Quant Time: Aug 30 14:09:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 09:21:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	92752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	398842	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	292611	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	651258m	20.000	ng/ul	0.00
79) Chrysene-d12	21.115	240	684116	20.000	ng/ul	# 0.00
88) Perylene-d12	23.256	264	658066	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	5803	2.887	ng/uL	0.00
4) Pyridine-d5	3.534	84	55571	9.735	ng/ul	0.01
7) Phenol-d5	6.704	99	115156	14.972	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	67591	15.189	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	95610	16.154	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	99860	15.133	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	47529	16.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	54406	15.869	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	108692	15.802	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	139309	14.358	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	377588	17.054	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	444790	16.963	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	38760	9.671	ng/ul	0.01
60) Fluorene-d10	15.151	176	330273	16.969	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	42443m	9.485	ng/ul	0.00
73) Anthracene-d10	17.003	188	494932	16.011	ng/ul	0.00
81) Pyrene-d10	19.309	212	631298	19.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	607361	17.561	ng/ul	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	11.939	142	47737	3.032	ng/ul	100
37) 1-Methylnaphthalene	12.163	142	60947	3.801	ng/ul	99
52) Acenaphthene	14.215	153	123128	7.027	ng/ul	97
61) Fluorene	15.210	166	56452	2.582	ng/ul	97
72) Phenanthrene	16.945	178	64505m	1.813	ng/ul	
80) Fluoranthene	18.974	202	94816	2.435	ng/ul#	96
82) Pyrene	19.339	202	78296	1.899	ng/ul#	94
87) Chrysene	21.150	228	44605	1.090	ng/ul	98
90) Benzo(b)fluoranthene	22.621	252	60256	1.437	ng/ul#	97

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

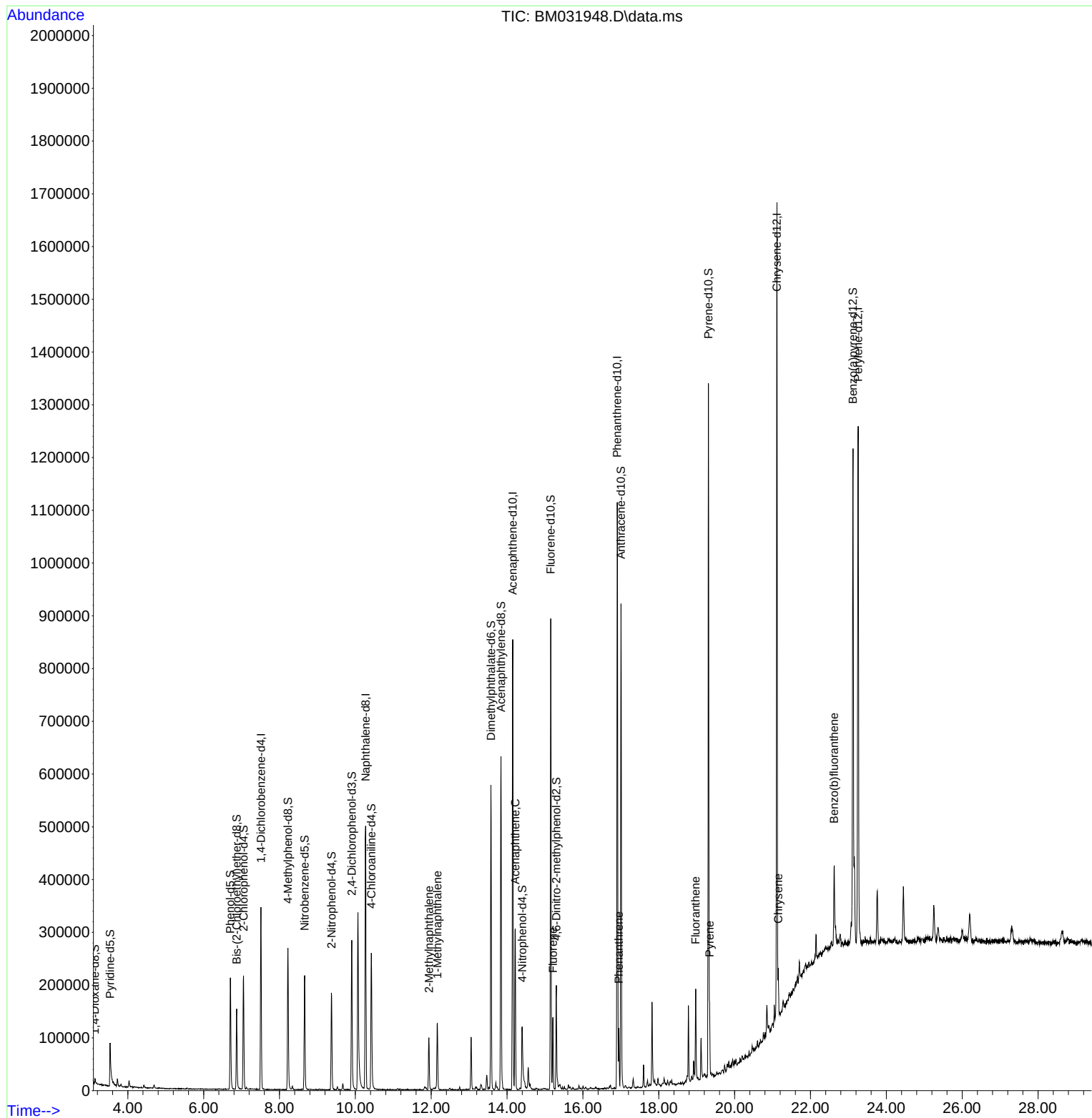
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031948.D
Acq On : 30 Aug 2021 13:32
Operator : CG/JU
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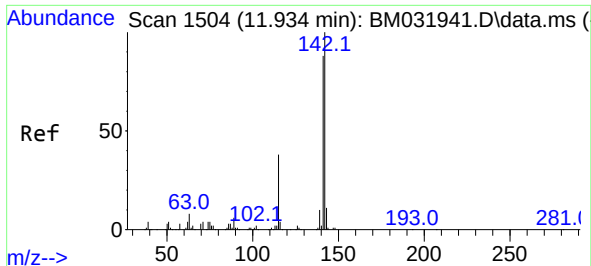
Instrument :
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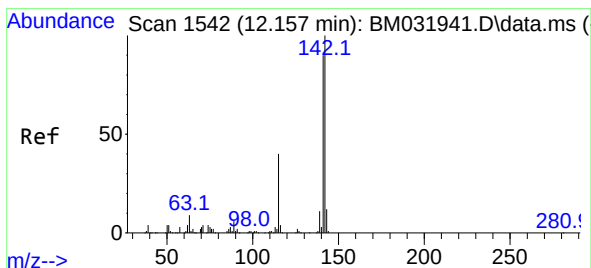
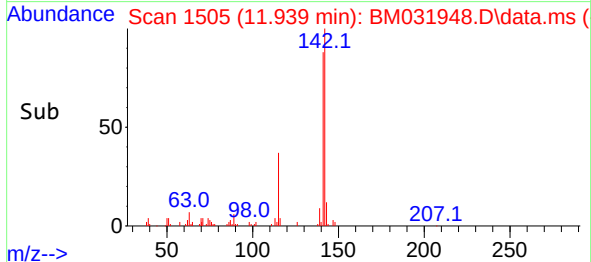
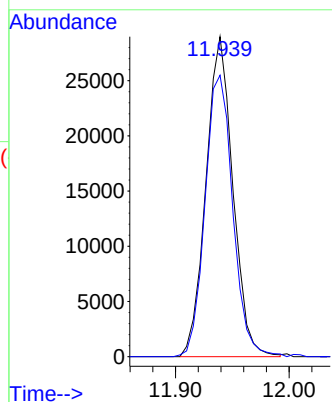
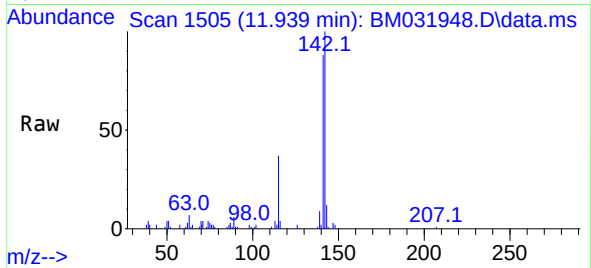
#36
2-Methylnaphthalene
Concen: 3.032 ng/ul
RT: 11.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

Instrument :
BNA_M
ClientSampleId :
DBK83

Tgt Ion:142 Resp: 47737
Ion Ratio Lower Upper
142 100
141 88.0 70.6 105.8

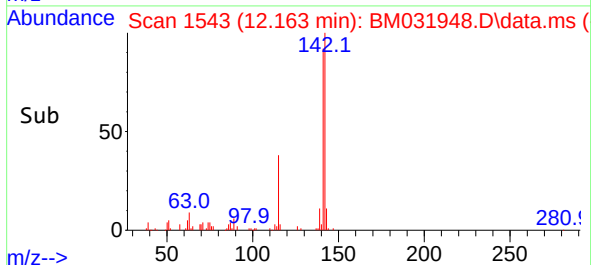
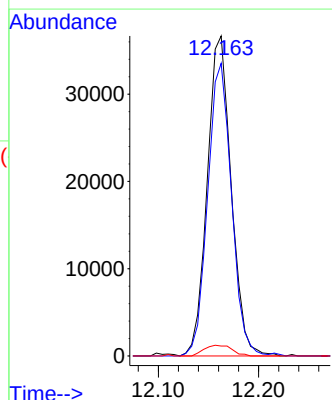
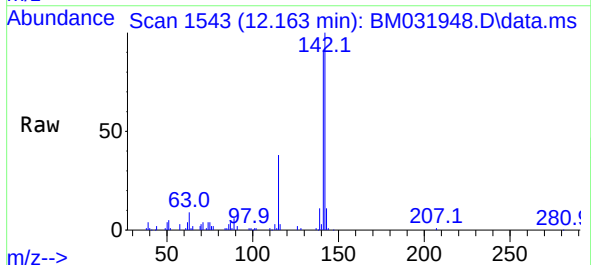
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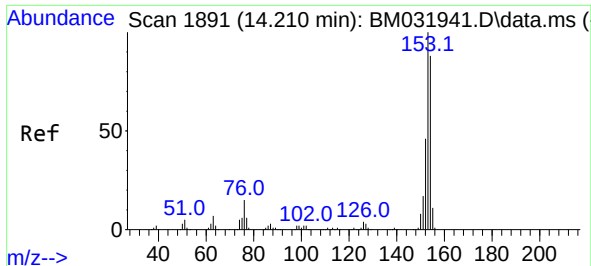
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#37
1-Methylnaphthalene
Concen: 3.801 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

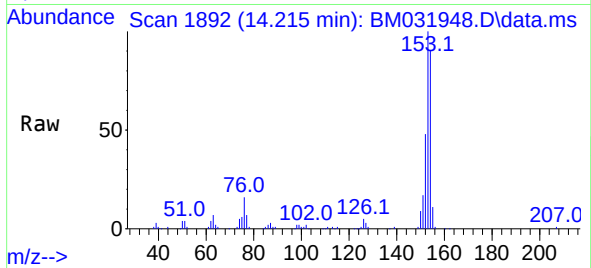
Tgt Ion:142 Resp: 60947
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2
116 3.1 3.1 4.7





#52
Acenaphthene
Concen: 7.027 ng/ul
RT: 14.215 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

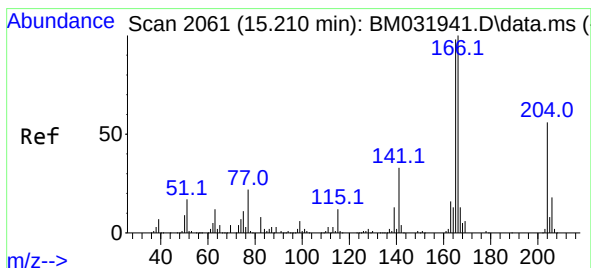
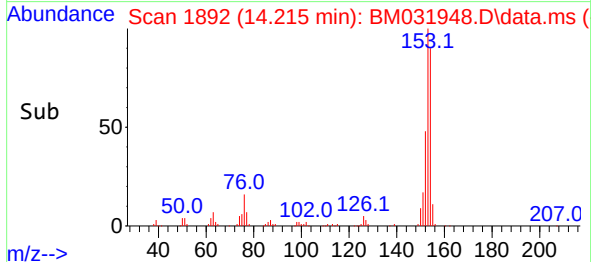
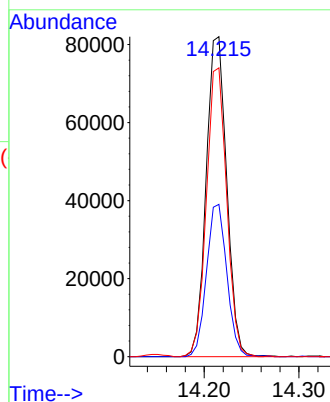
Instrument :
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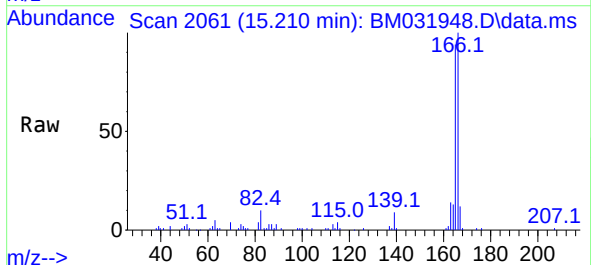
Tgt Ion:153 Resp: 123128
Ion Ratio Lower Upper
153 100
152 47.6 37.4 56.2
154 90.2 69.4 104.0

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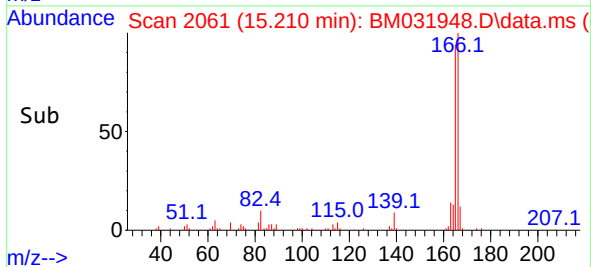
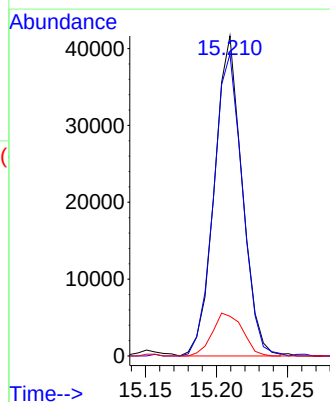
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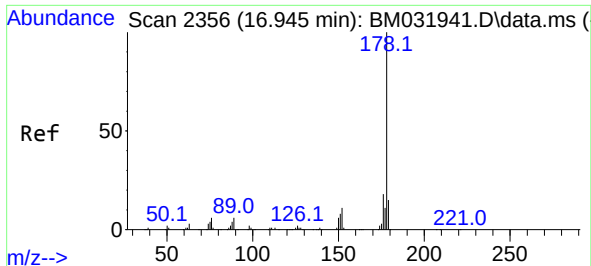


#61
Fluorene
Concen: 2.582 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32



Tgt Ion:166 Resp: 56452
Ion Ratio Lower Upper
166 100
165 94.4 78.4 117.6
167 12.4 10.6 15.8





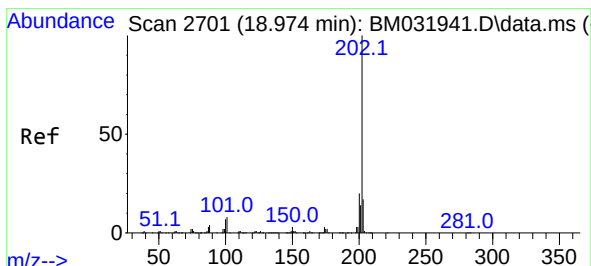
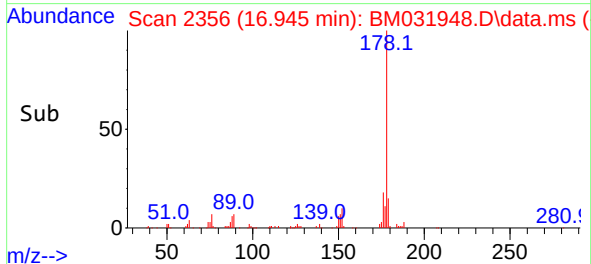
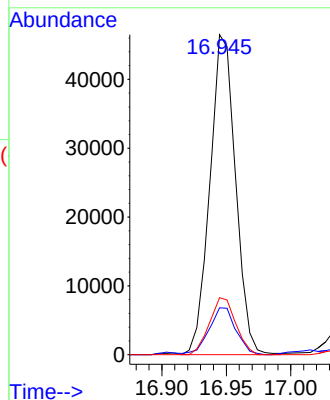
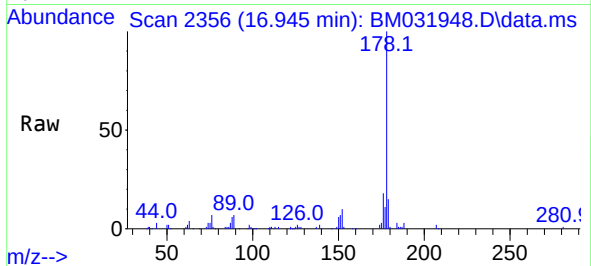
#72
Phenanthrene
Concen: 1.813 ng/ul m
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

Tgt Ion:178 Resp: 64505
Ion Ratio Lower Upper
178 100
179 14.7 12.1 18.1
176 17.8 15.2 22.8

Instrument :
BNA_M
ClientSampled :
DBK83

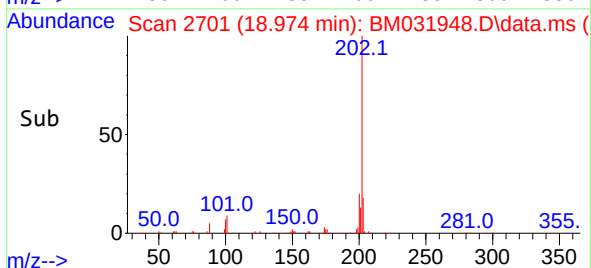
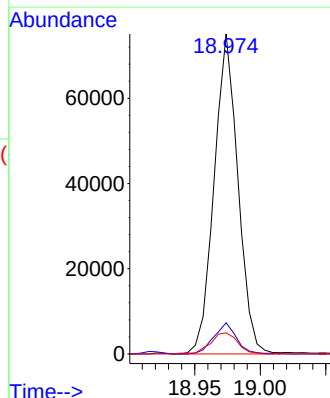
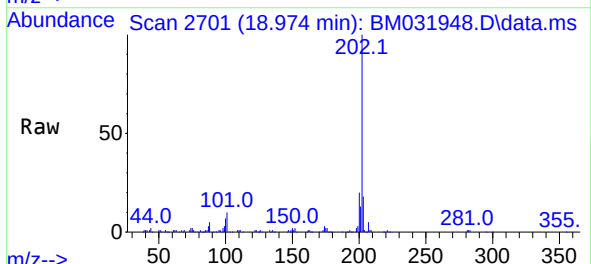
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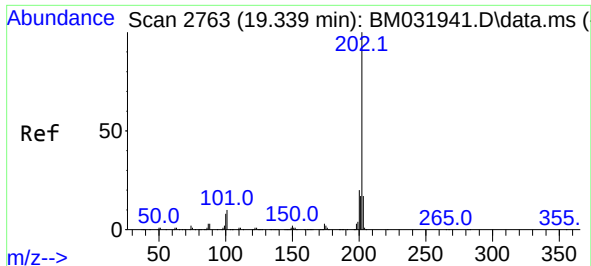
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#80
Fluoranthene
Concen: 2.435 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

Tgt Ion:202 Resp: 94816
Ion Ratio Lower Upper
202 100
101 9.7 8.8 13.2
100 6.6 6.8 10.2#





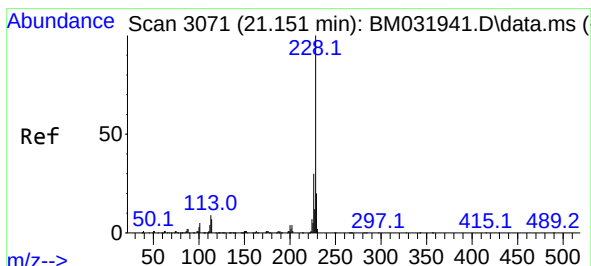
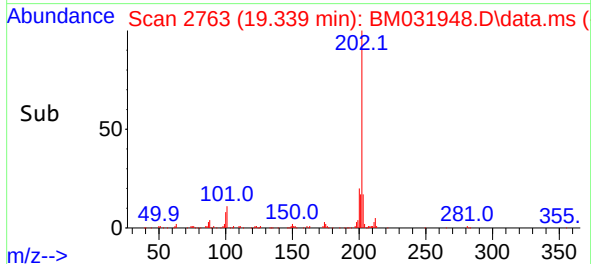
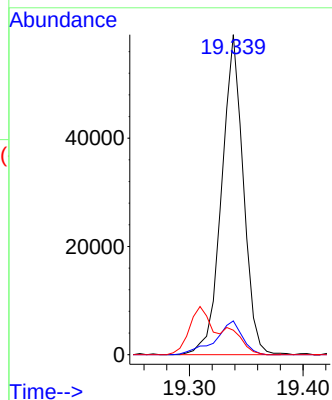
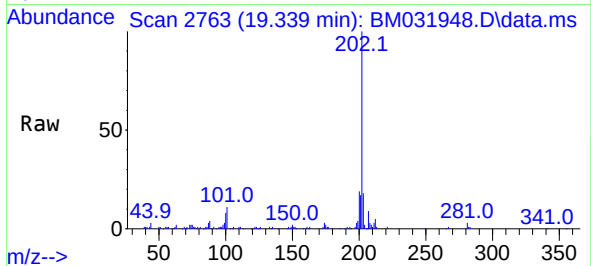
#82
Pyrene
Concen: 1.899 ng/u1
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

Tgt Ion:202 Resp: 78296
Ion Ratio Lower Upper
202 100
101 10.6 10.0 15.0
100 7.7 8.5 12.7#

Instrument :
BNA_M
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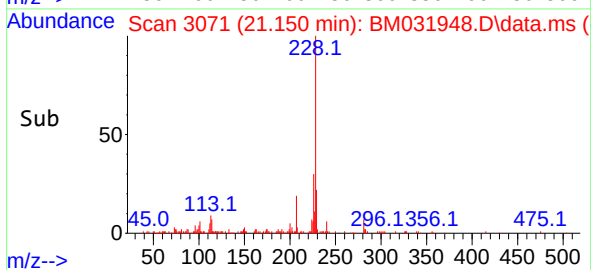
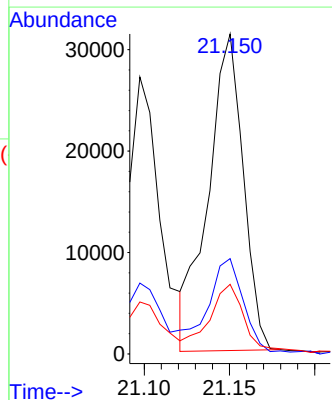
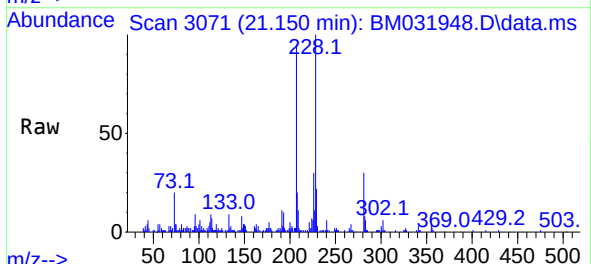
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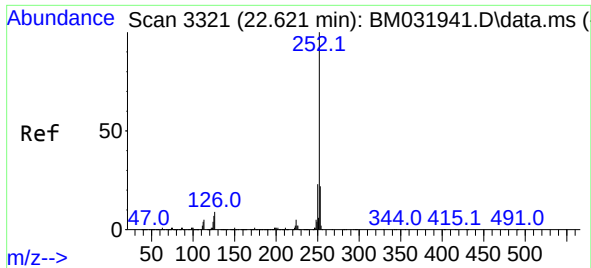
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#87
Chrysene
Concen: 1.090 ng/u1
RT: 21.150 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

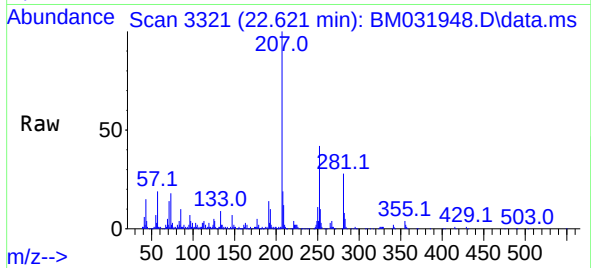
Tgt Ion:228 Resp: 44605
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.7 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 1.437 ng/ul
RT: 22.621 min Scan# 3321
Delta R.T. 0.006 min
Lab File: BM031948.D
Acq: 30 Aug 2021 13:32

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Tgt Ion:252 Resp: 60256
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 12.6 7.7 11.5#

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