

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031947.D
 Acq On : 30 Aug 2021 12:55
 Operator : CG/JU
 Sample : M3365-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK80

Manual Integrations
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mohammad
 8/31/2021 11:36:50 AM

Quant Time: Aug 30 13:25:06 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	86998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	375975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	275026	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	605530	20.000	ng/ul	0.00
79) Chrysene-d12	21.115	240	642928	20.000	ng/ul	# 0.00
88) Perylene-d12	23.256	264	605895	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	3515m	1.864	ng/uL	0.00
4) Pyridine-d5	3.540	84	22196m	4.145	ng/ul	0.02
7) Phenol-d5	6.704	99	61981	8.591	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	40057	9.597	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	52906	9.530	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	16924	2.734	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	28466	10.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	32115	9.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	60063	9.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	47075	5.147	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	239022	11.486	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	271916	11.033	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	24166	6.415	ng/ul	0.02
60) Fluorene-d10	15.151	176	213242	11.657	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	24796	5.960	ng/ul	0.00
73) Anthracene-d10	17.004	188	323789	11.266	ng/ul	0.00
81) Pyrene-d10	19.309	212	419431	13.928	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	392699	12.332	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.687	77	9462	2.897	ng/ul#	80
8) Phenol	6.734	94	7407	1.020	ng/ul#	88
16) Acetophenone	8.339	105	31077	3.206	ng/ul	92
72) Phenanthrene	16.945	178	200574	6.065	ng/ul	98
80) Fluoranthene	18.974	202	447261	12.223	ng/ul	95
82) Pyrene	19.339	202	355633	9.179	ng/ul	95
85) Benzo(a)anthracene	21.097	228	132923	3.324	ng/ul	98
87) Chrysene	21.150	228	204112	5.306	ng/ul	99
90) Benzo(b)fluoranthene	22.621	252	259424	6.720	ng/ul	100
91) Benzo(k)fluoranthene	22.656	252	74762m	2.000	ng/ul	
93) Benzo(a)pyrene	23.162	252	137691	3.950	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.356	276	100395	2.250	ng/ul#	93
96) Benzo(g,h,i)perylene	26.003	276	92708	2.509	ng/ul	97

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

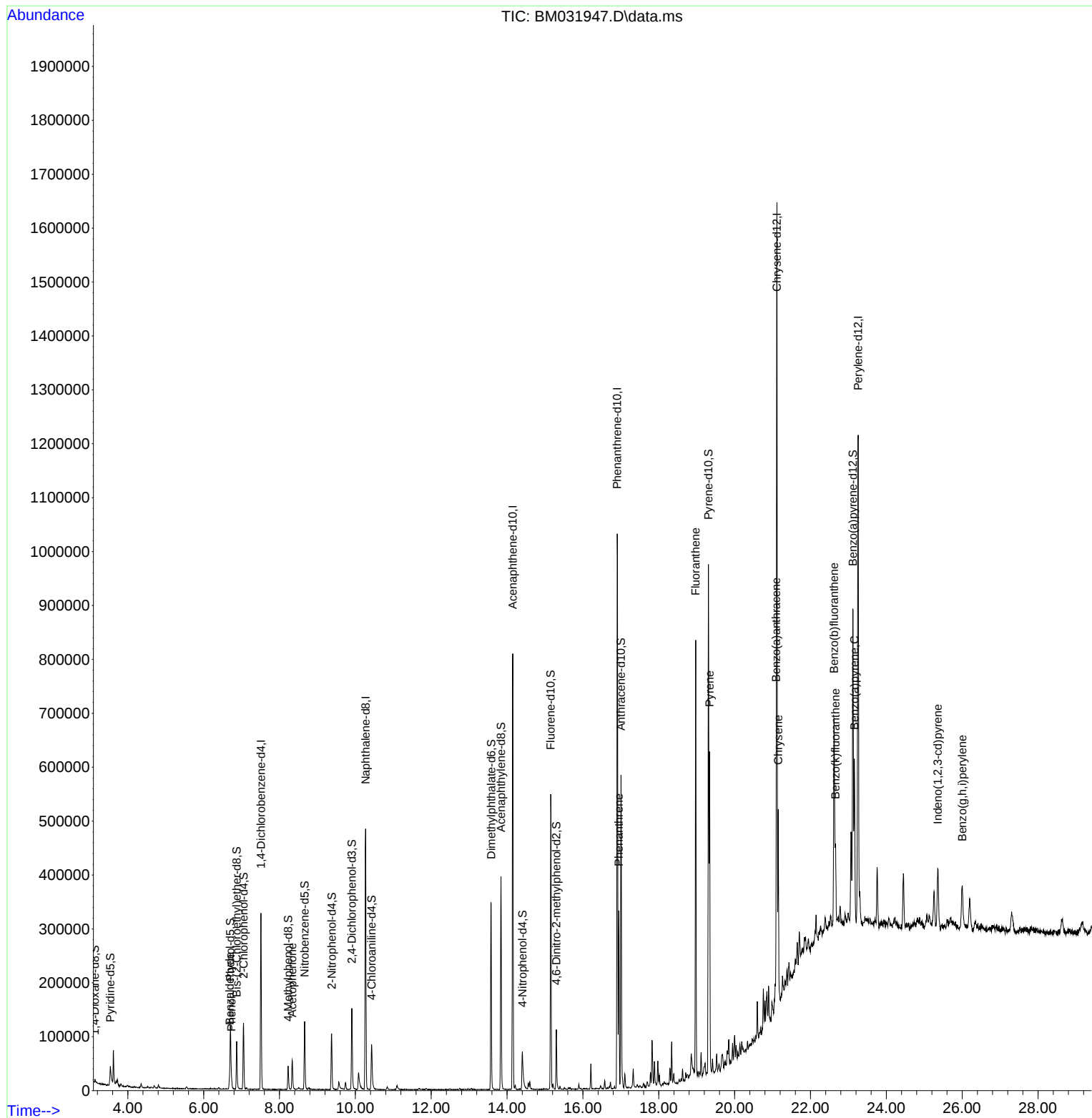
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Data File : BM031947.D
Acq On : 30 Aug 2021 12:55
Operator : CG/JU
Sample : M3365-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

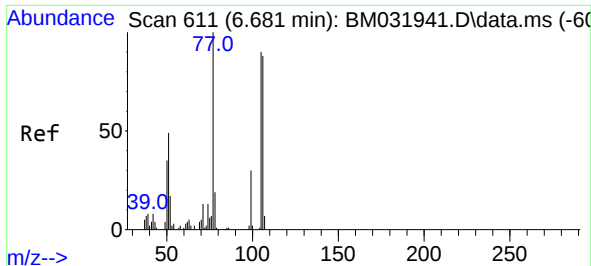
Instrument :
BNA_M
ClientSampleId :
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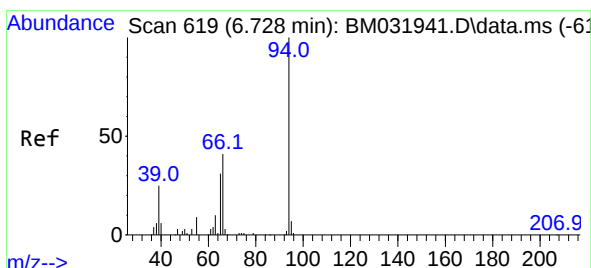
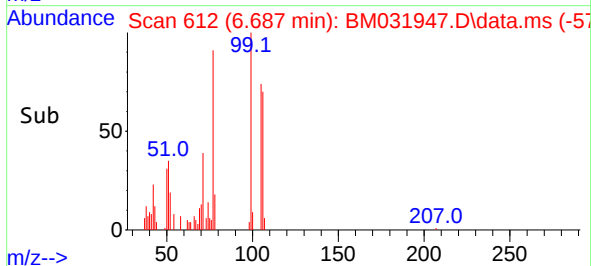
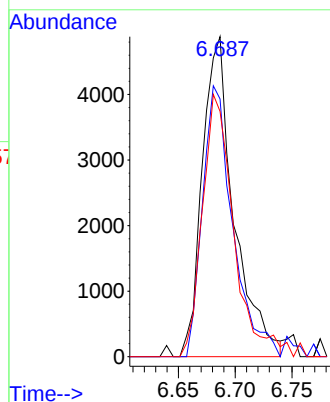
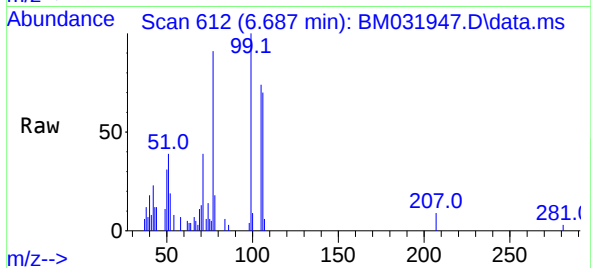
#6
Benzaldehyde
Concen: 2.897 ng/ul
RT: 6.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

Tgt Ion: 77 Resp: 9462
Ion Ratio Lower Upper
77 100
105 80.6 82.2 123.4#
106 76.6 75.0 112.4

Instrument :
BNA_M
ClientSampleId :
DBK80

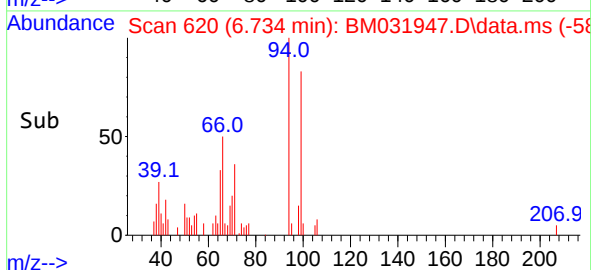
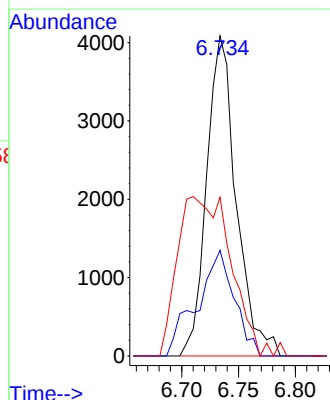
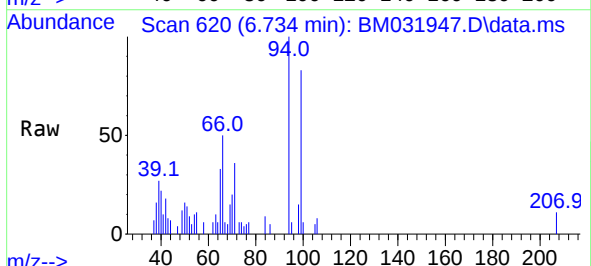
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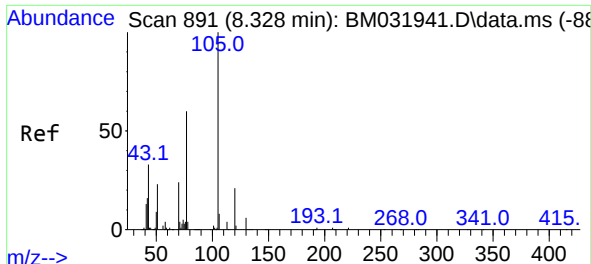
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#8
Phenol
Concen: 1.020 ng/ul
RT: 6.734 min Scan# 620
Delta R.T. 0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

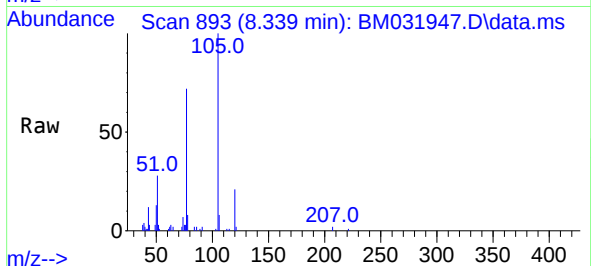
Tgt Ion: 94 Resp: 7407
Ion Ratio Lower Upper
94 100
65 33.0 24.2 36.4
66 49.6 31.4 47.0#





#16
Acetophenone
Concen: 3.206 ng/ul
RT: 8.339 min Scan# 893
Delta R.T. 0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

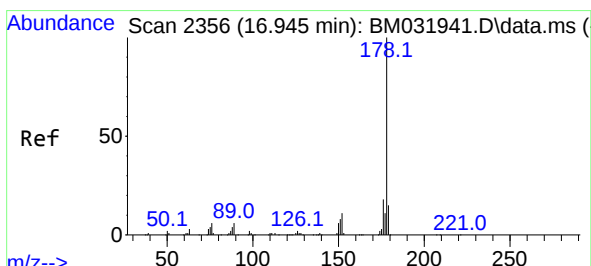
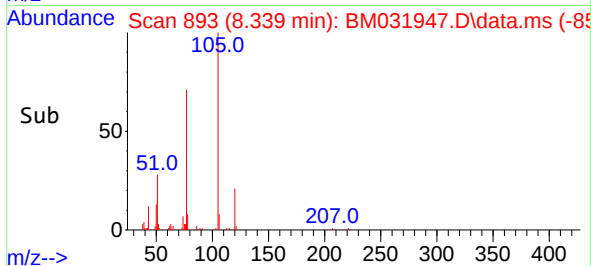
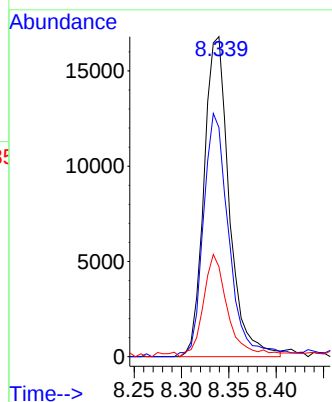
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BNA_M
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Tgt Ion:105 Resp: 31077
Ion Ratio Lower Upper
105 100
77 71.6 63.7 95.5
51 28.1 25.4 38.0

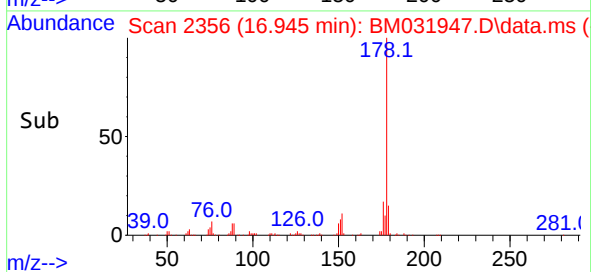
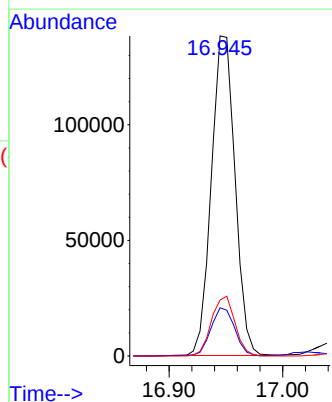
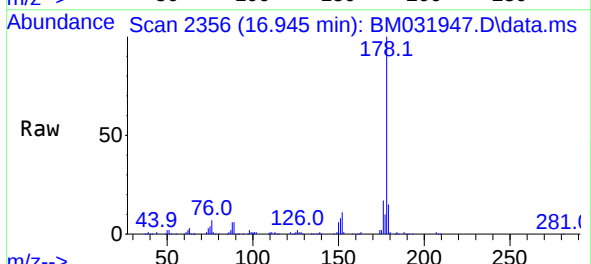
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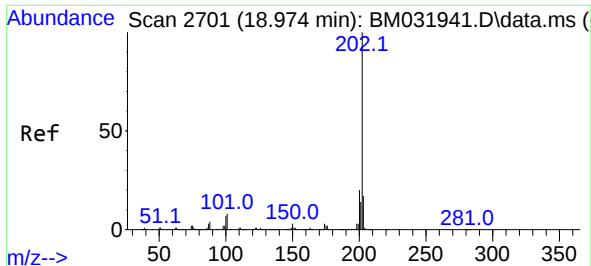
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#72
Phenanthrene
Concen: 6.065 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

Tgt Ion:178 Resp: 200574
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 17.4 15.2 22.8





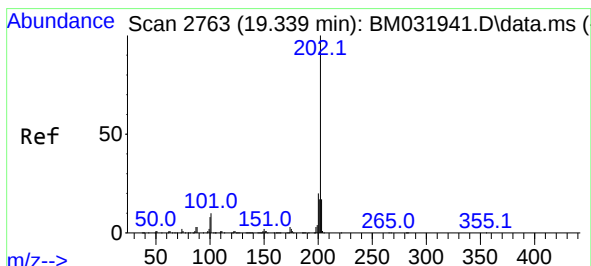
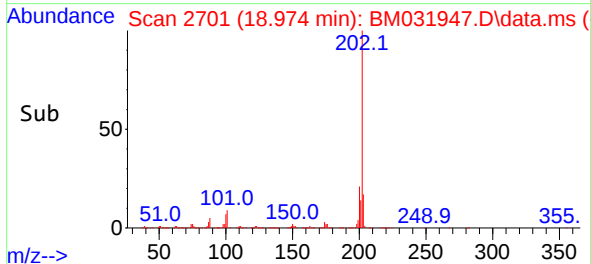
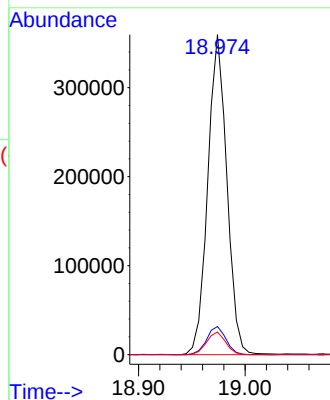
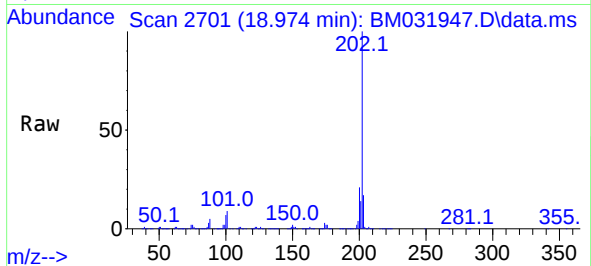
#80
Fluoranthene
Concen: 12.223 ng/u1
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

Tgt Ion:202 Resp: 447261
Ion Ratio Lower Upper
202 100
101 8.8 8.8 13.2
100 7.1 6.8 10.2

Instrument :
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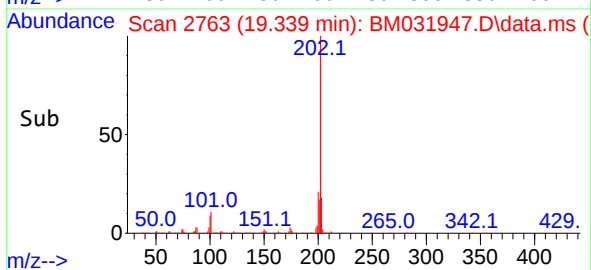
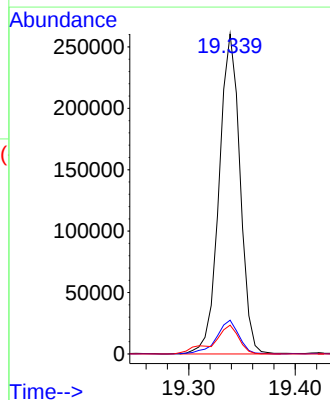
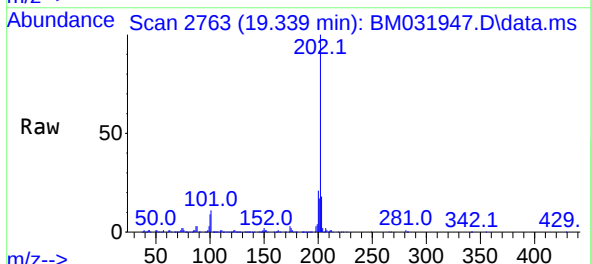
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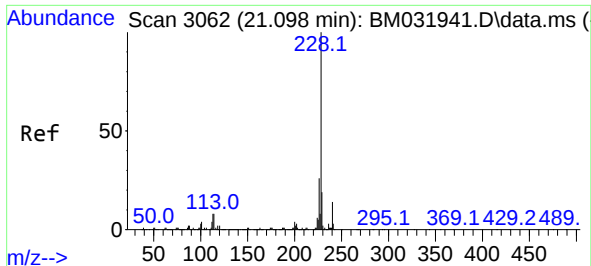
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#82
Pyrene
Concen: 9.179 ng/u1
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

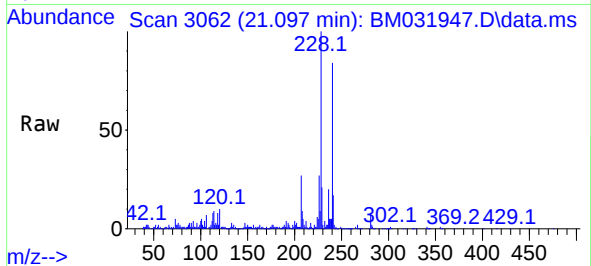
Tgt Ion:202 Resp: 355633
Ion Ratio Lower Upper
202 100
101 10.6 10.0 15.0
100 9.0 8.5 12.7





#85
Benzo(a)anthracene
Concen: 3.324 ng/u1
RT: 21.097 min Scan# 3062
Delta R.T. -0.000 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

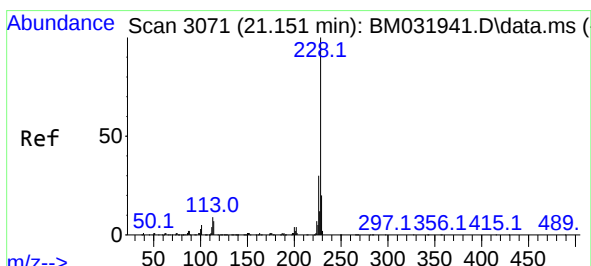
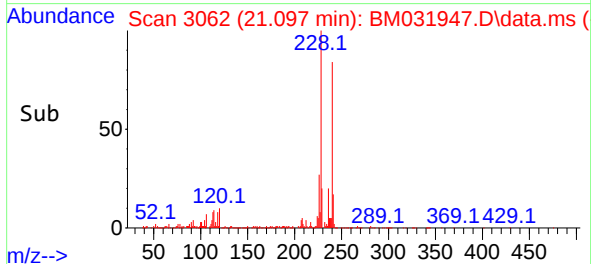
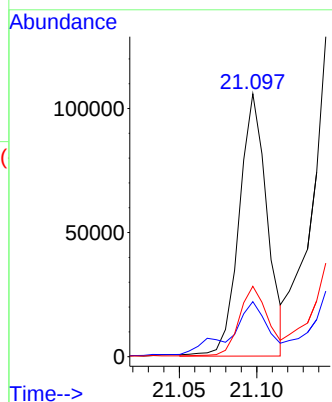
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ClientSampleId :
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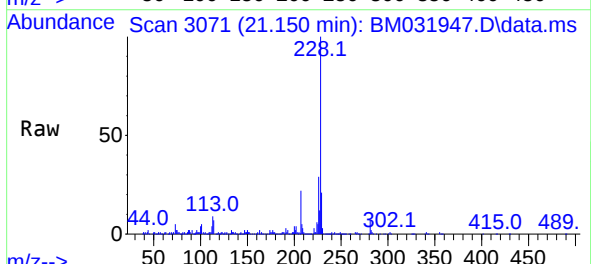
Tgt Ion:228 Resp: 132923
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 26.8 22.2 33.2

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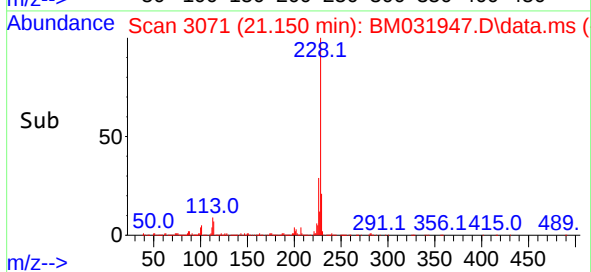
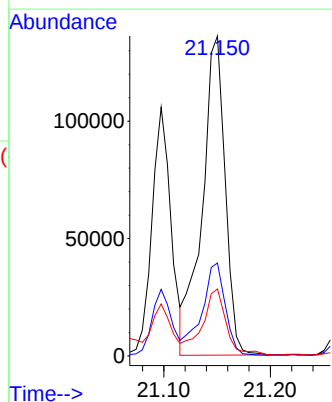
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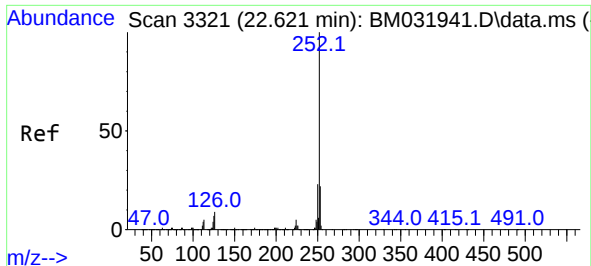


#87
Chrysene
Concen: 5.306 ng/u1
RT: 21.150 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55



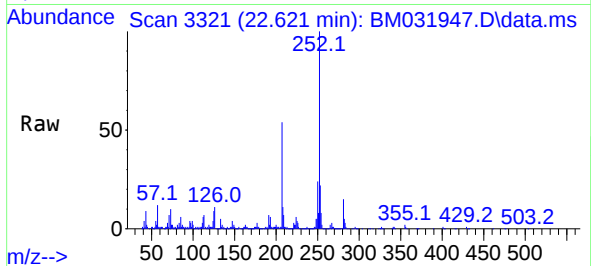
Tgt Ion:228 Resp: 204112
Ion Ratio Lower Upper
228 100
226 29.1 23.6 35.4
229 20.9 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 6.720 ng/ul
RT: 22.621 min Scan# 3321
Delta R.T. 0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

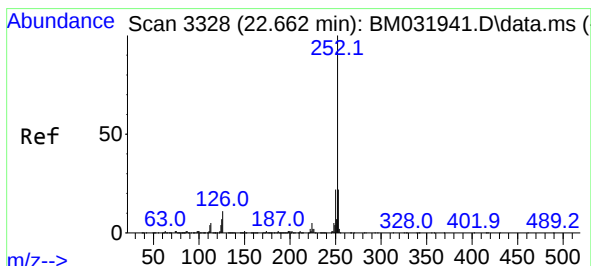
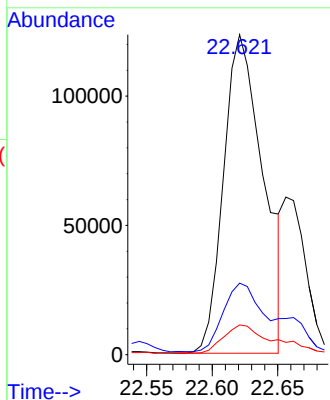
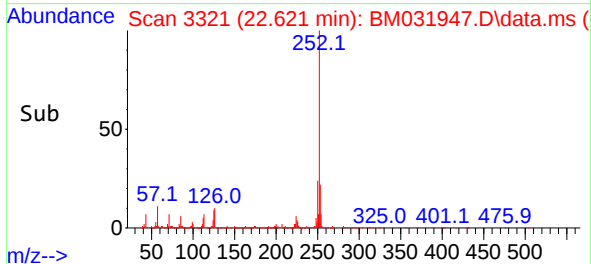
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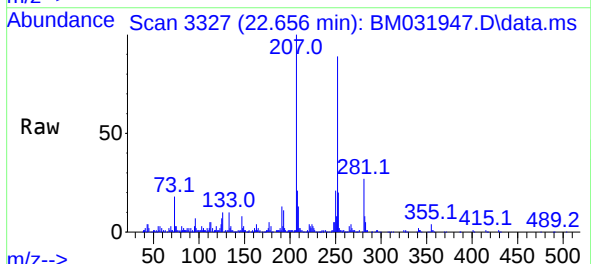
Tgt Ion:252 Resp: 259424
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.3 7.7 11.5

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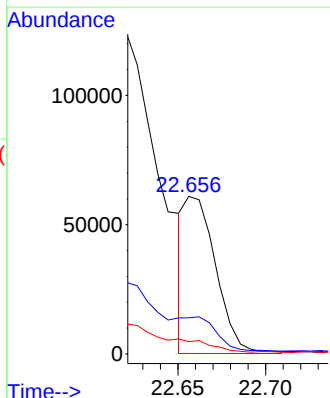
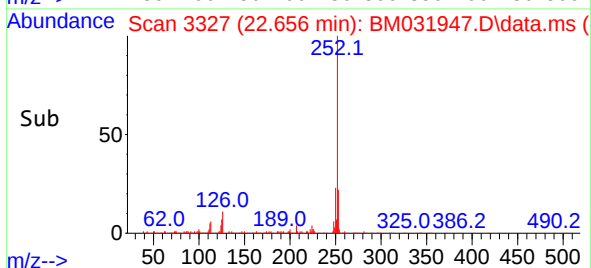
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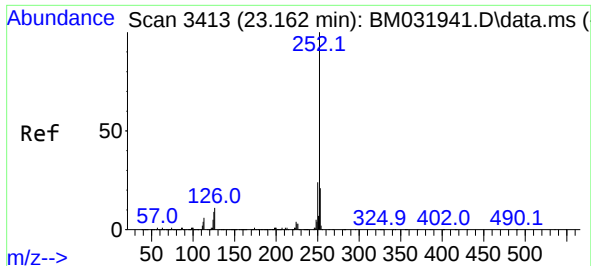


#91
Benzo(k)fluoranthene
Concen: 2.000 ng/ul m
RT: 22.656 min Scan# 3327
Delta R.T. -0.000 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55



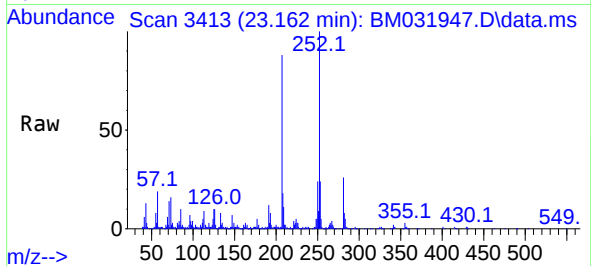
Tgt Ion:252 Resp: 74762
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 7.8 7.9 11.9#





#93
Benzo(a)pyrene
Concen: 3.950 ng/ul
RT: 23.162 min Scan# 3413
Delta R.T. 0.006 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

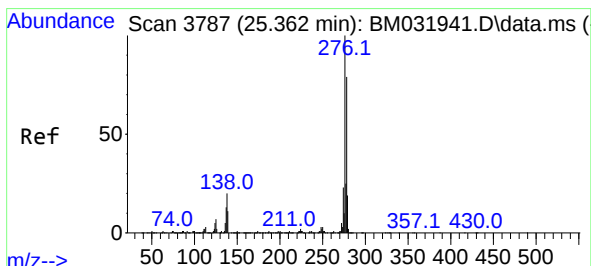
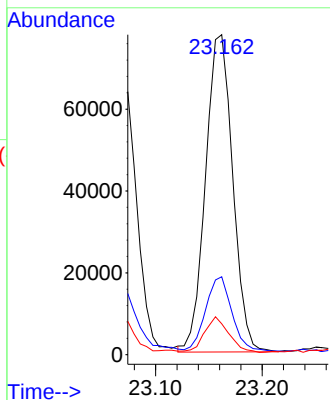
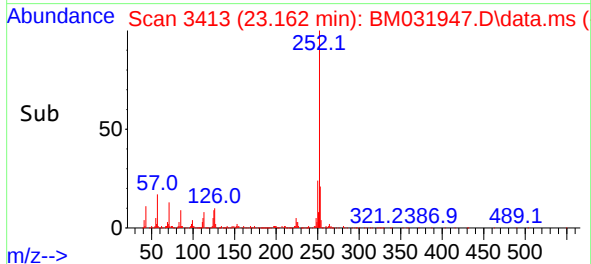
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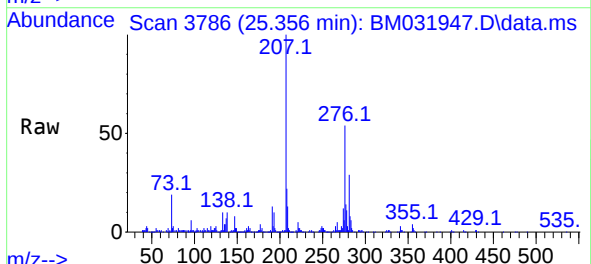
Tgt Ion:252 Resp: 137691
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 9.6 8.6 13.0

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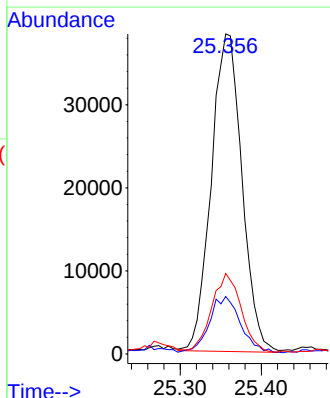
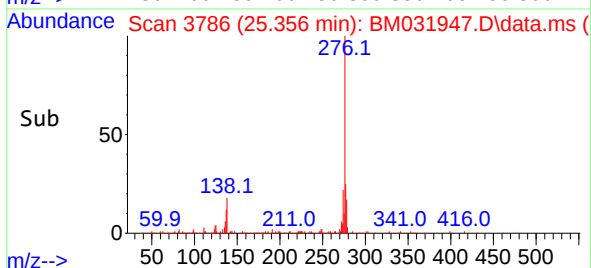
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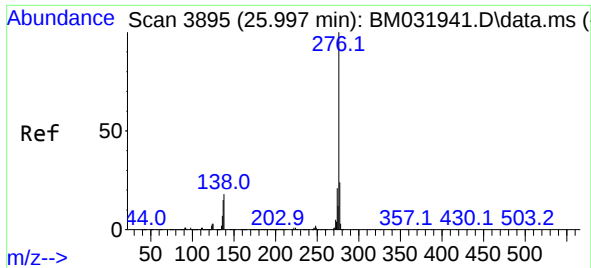


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.250 ng/ul
RT: 25.356 min Scan# 3786
Delta R.T. -0.000 min
Lab File: BM031947.D
Acq: 30 Aug 2021 12:55

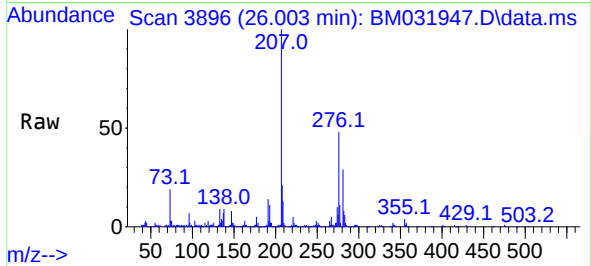


Tgt Ion:276 Resp: 100395
Ion Ratio Lower Upper
276 100
138 18.0 19.5 29.3#
277 25.1 19.6 29.4

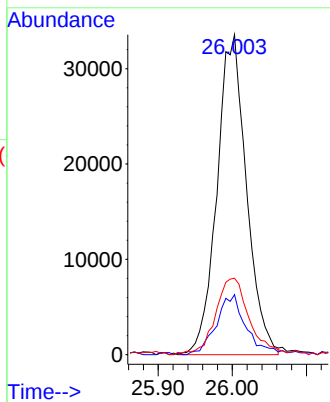
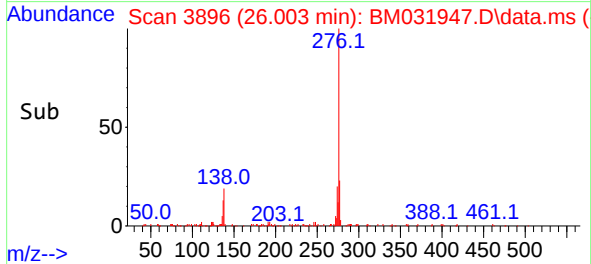




#96
 Benzo(g,h,i)perylene
 Concen: 2.509 ng/ul
 RT: 26.003 min Scan# 3896
 Delta R.T. 0.006 min
 Lab File: BM031947.D
 Acq: 30 Aug 2021 12:55



Tgt Ion:	276	Resp:	92708
Ion	Ratio	Lower	Upper
276	100		
138	18.7	16.5	24.7
277	23.9	18.5	27.7



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