

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031950.D
 Acq On : 30 Aug 2021 14:46
 Operator : CG/JU
 Sample : M3365-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK81

Manual Integrations
 APPROVED

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 8/31/2021 11:37:05 AM

Quant Time: Aug 30 15:29:00 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	93980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	405130	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	298501	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	654523	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.110	240	682715	20.000	ng/ul	0.00
88) Perylene-d12	23.251	264	651778	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	6298	3.092	ng/uL	0.00
4) Pyridine-d5	3.534	84	52176	9.021	ng/ul	0.01
7) Phenol-d5	6.705	99	128206	16.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	78623	17.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.052	132	110115	18.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	102587	15.343	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	55564	18.883	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	64007	18.380	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	122177	17.486	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	154036	15.629	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	439687	19.466	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	517844	19.359	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	53572m	13.104	ng/ul	0.00
60) Fluorene-d10	15.151	176	386599	19.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	56891	12.650	ng/ul	0.00
73) Anthracene-d10	17.004	188	561630	18.078	ng/ul	0.00
81) Pyrene-d10	19.310	212	748547	23.408	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	713344	20.825	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.945	178	44181	1.236	ng/ul	98
80) Fluoranthene	18.974	202	164421	4.231	ng/ul#	94
82) Pyrene	19.339	202	143898	3.498	ng/ul#	94
85) Benzo(a)anthracene	21.098	228	64011	1.507	ng/ul	98
87) Chrysene	21.151	228	81999	2.007	ng/ul	98
90) Benzo(b)fluoranthene	22.621	252	109981	2.648	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	42383	1.054	ng/ul	98
93) Benzo(a)pyrene	23.156	252	63806	1.702	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.356	276	48032	1.001	ng/ul#	91
96) Benzo(g,h,i)perylene	26.003	276	44050	1.108	ng/ul#	91

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

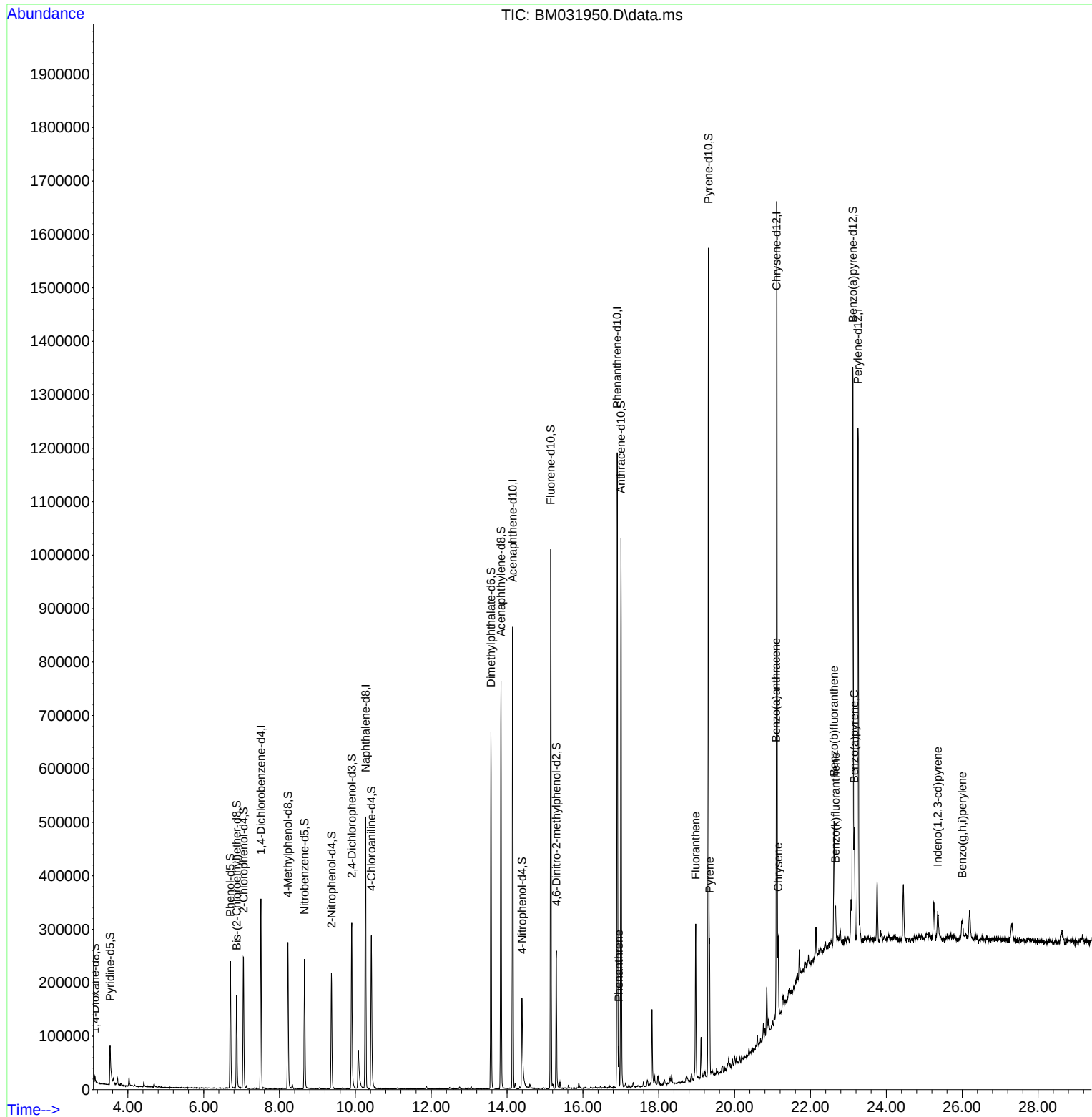
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
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ALS Vial : 11 Sample Multiplier: 1

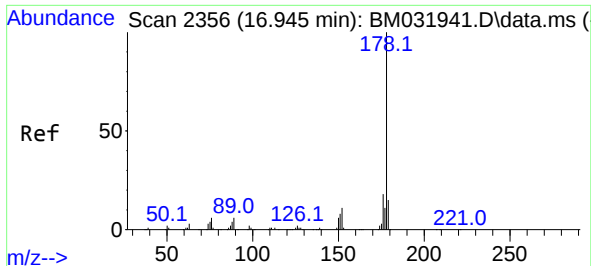
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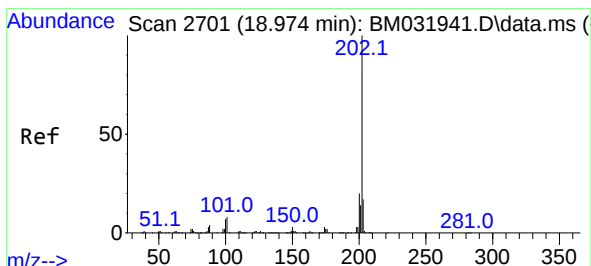
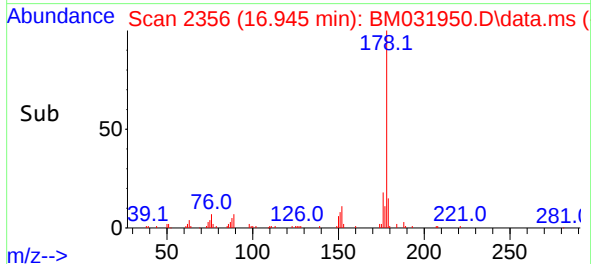
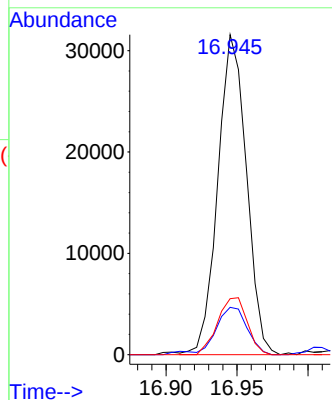
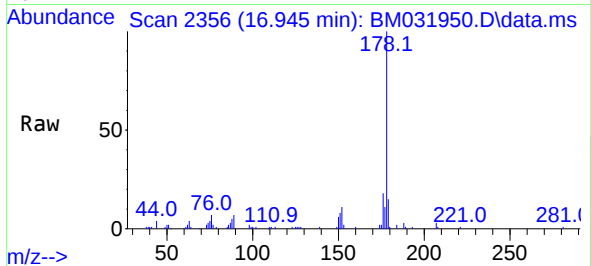
#72
Phenanthrene
Concen: 1.236 ng/ul
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46

Tgt Ion:	178	Resp:	44181
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.1	18.1
176	17.5	15.2	22.8

Instrument :
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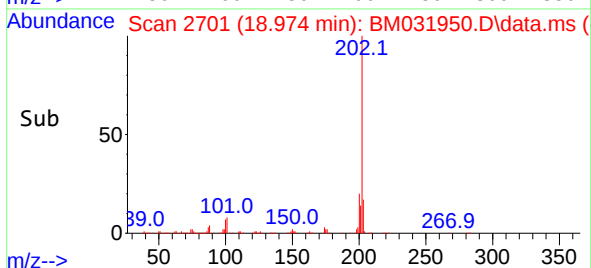
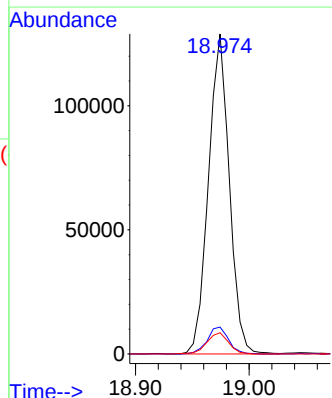
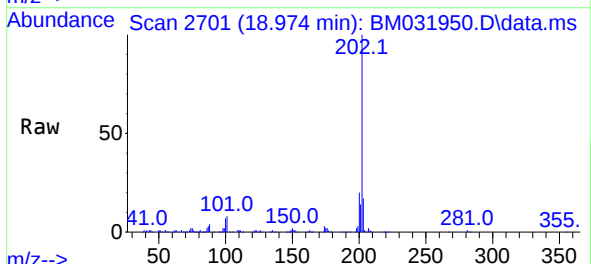
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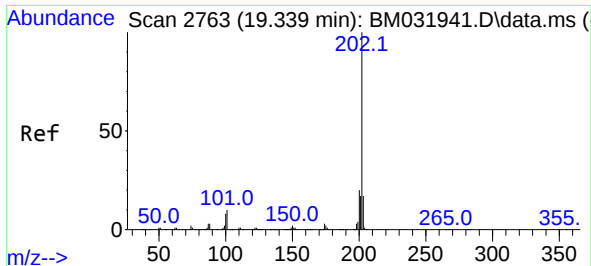
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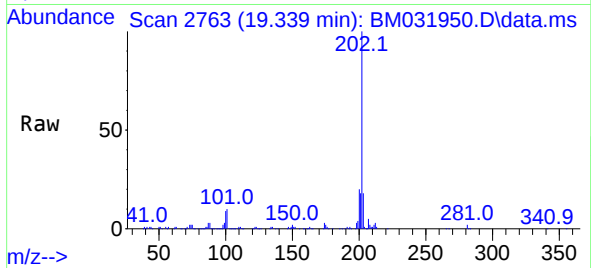
#80
Fluoranthene
Concen: 4.231 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. 0.000 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46

Tgt Ion:	202	Resp:	164421
Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.8	13.2#
100	6.7	6.8	10.2#

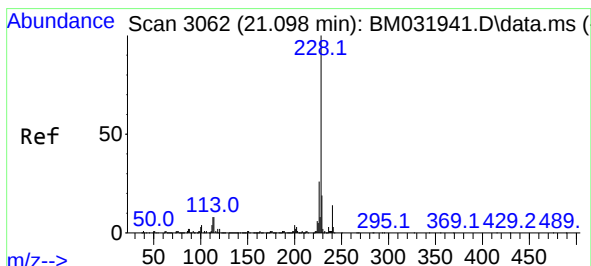
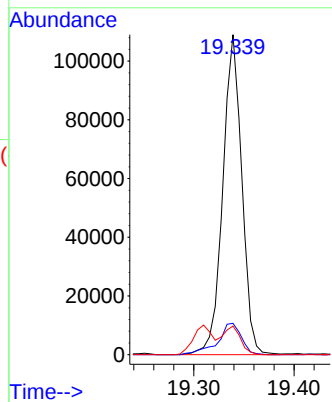
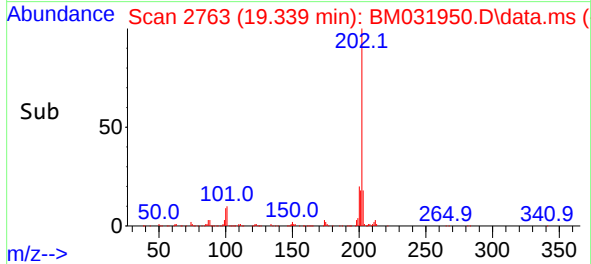




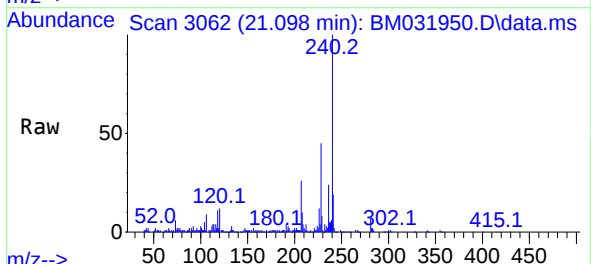
#82
Pyrene
Concen: 3.498 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46



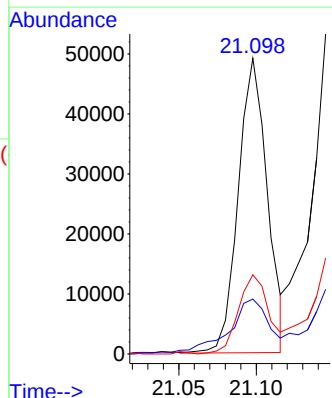
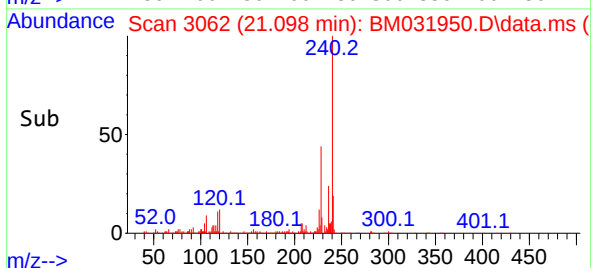
Tgt Ion:202 Resp: 143898
Ion Ratio Lower Upper
202 100
101 9.8 10.0 15.0#
100 8.9 8.5 12.7



#85
Benzo(a)anthracene
Concen: 1.507 ng/ul
RT: 21.098 min Scan# 3062
Delta R.T. 0.000 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46



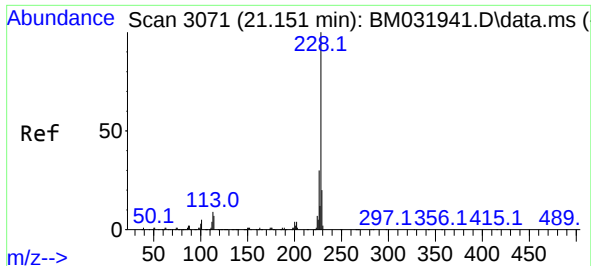
Tgt Ion:228 Resp: 64011
Ion Ratio Lower Upper
228 100
229 18.6 16.0 24.0
226 26.8 22.2 33.2



Instrument :
BNA_M
ClientSampled :
DBK81

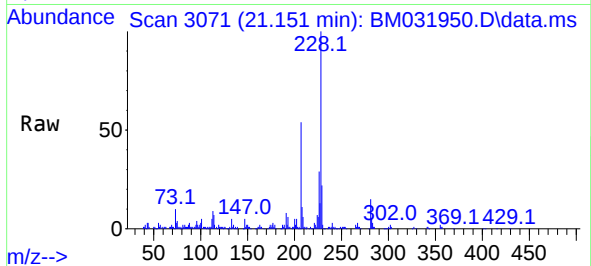
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#87
Chrysene
Concen: 2.007 ng/u1
RT: 21.151 min Scan# 3071
Delta R.T. 0.006 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46

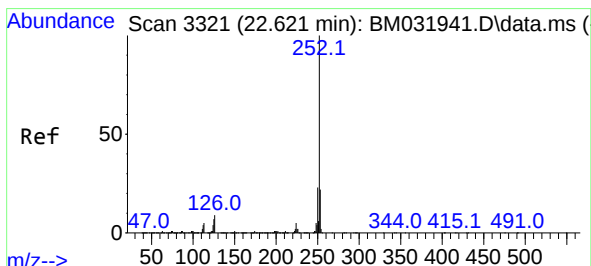
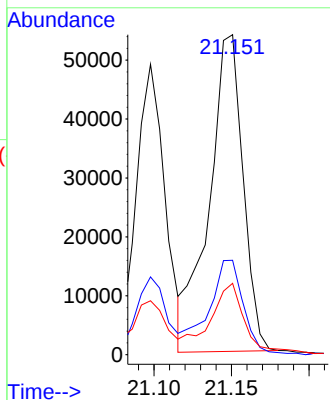
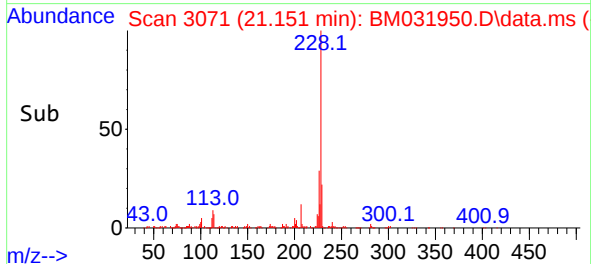
Instrument :
BNA_M
ClientSampled :
DBK81



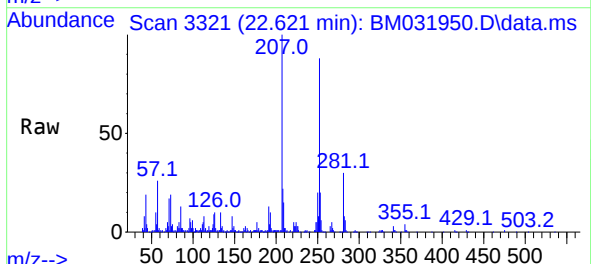
Tgt Ion:228 Resp: 81999
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 22.3 15.9 23.9

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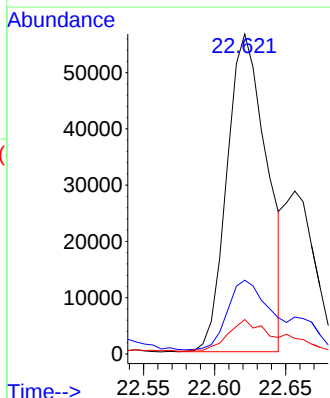
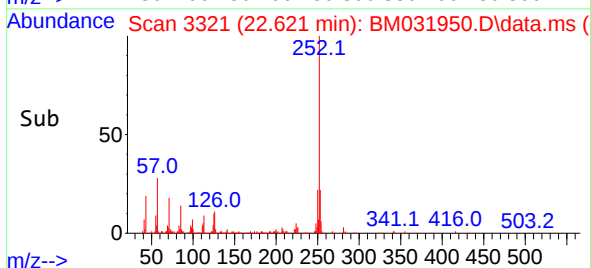
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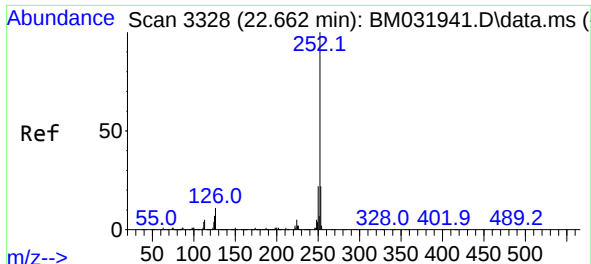


#90
Benzo(b)fluoranthene
Concen: 2.648 ng/u1
RT: 22.621 min Scan# 3321
Delta R.T. 0.006 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46



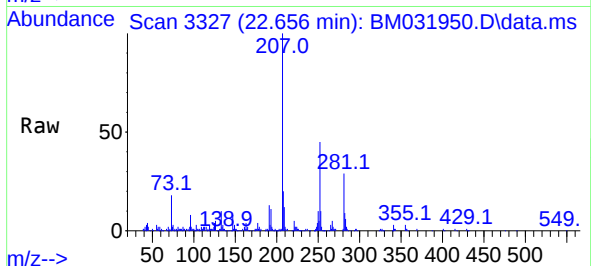
Tgt Ion:252 Resp: 109981
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 10.8 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 1.054 ng/u1
RT: 22.656 min Scan# 3327
Delta R.T. 0.000 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46

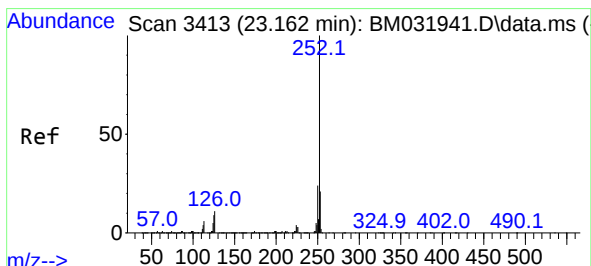
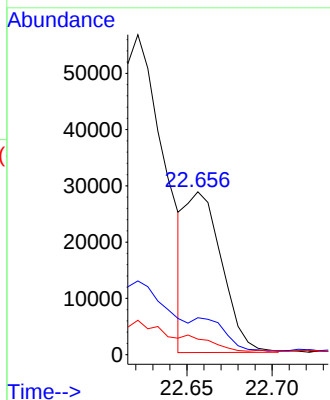
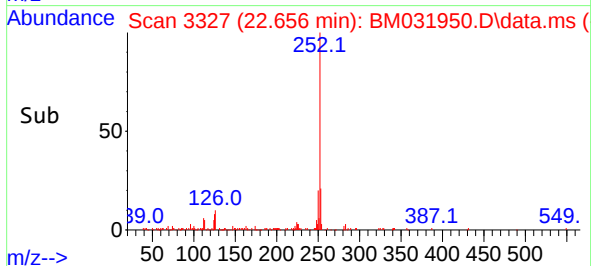
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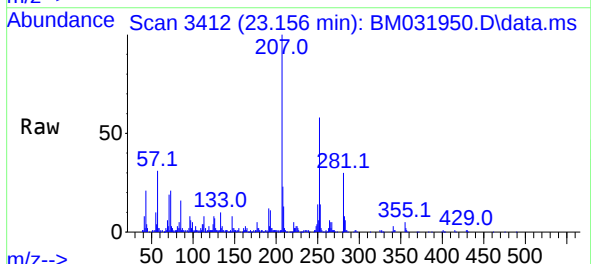
Tgt Ion:252 Resp: 42383
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.5 7.9 11.9

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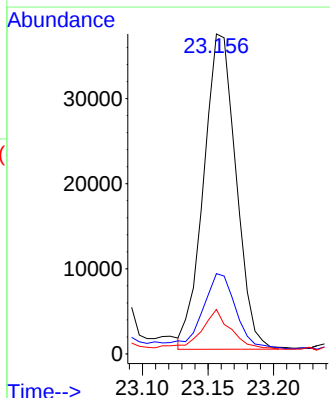
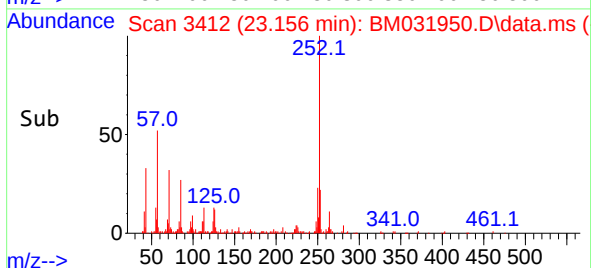
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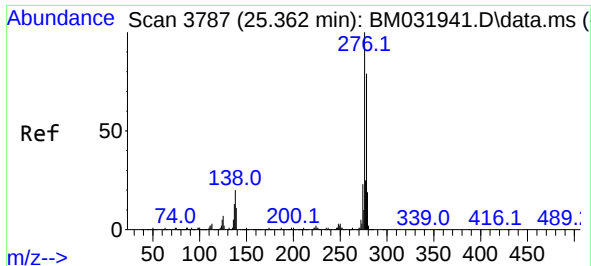


#93
Benzo(a)pyrene
Concen: 1.702 ng/u1
RT: 23.156 min Scan# 3412
Delta R.T. 0.000 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46



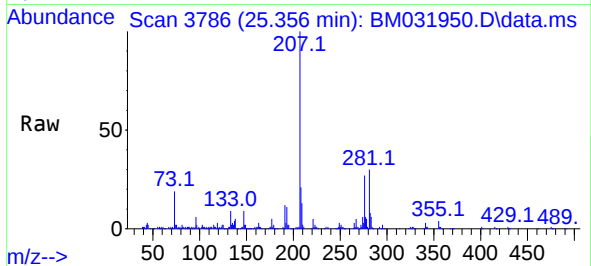
Tgt Ion:252 Resp: 63806
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 13.9 8.6 13.0#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.001 ng/ul
RT: 25.356 min Scan# 3786
Delta R.T. 0.000 min
Lab File: BM031950.D
Acq: 30 Aug 2021 14:46

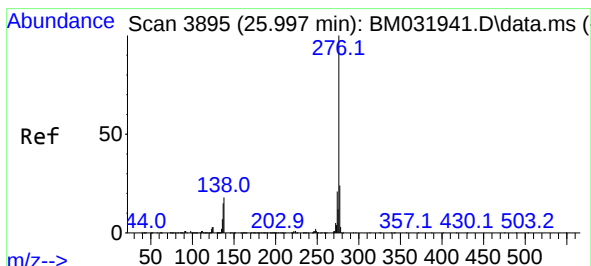
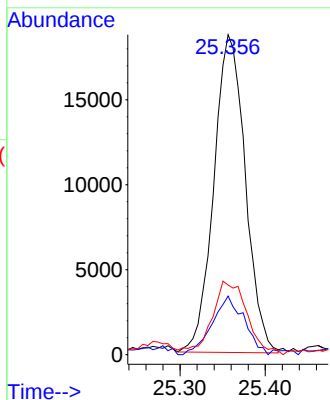
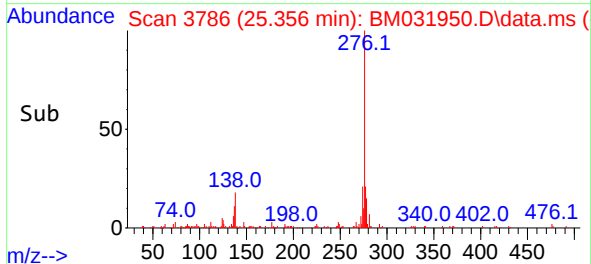
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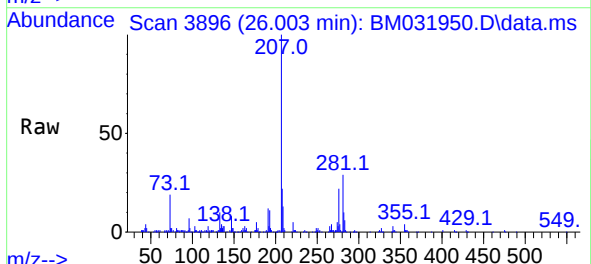
Tgt Ion: 276 Resp: 48032
Ion Ratio Lower Upper
276 100
138 18.3 19.5 29.3#
277 21.7 19.6 29.4

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#96
Benzo(g,h,i)perylene
Concen: 1.108 ng/ul
RT: 26.003 min Scan# 3896
Delta R.T. 0.006 min
Lab File: BM031950.D
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Tgt Ion: 276 Resp: 44050
Ion Ratio Lower Upper
276 100
138 15.1 16.5 24.7#
277 20.3 18.5 27.7

