

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
 Data File : BM031944.D
 Acq On : 30 Aug 2021 11:03
 Operator : CG/JU
 Sample : M3365-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK91

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:36:57 AM

Quant Time: Aug 30 11:37:04 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	84369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	355083	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	257317	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	566403	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.109	240	623607	20.000	ng/ul	0.00
88) Perylene-d12	23.250	264	611999	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	5733	3.135	ng/uL	0.00
4) Pyridine-d5	3.534	84	54341	10.465	ng/ul	0.01
7) Phenol-d5	6.704	99	111592	15.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	66938	16.536	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	93807	17.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	75521	12.582	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	45887	17.792	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	53117	17.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	101068	16.504	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	110520	12.794	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	352279	18.093	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	423693	18.375	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	38770	11.001	ng/ul	0.01
60) Fluorene-d10	15.151	176	323581	18.906	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	42377	10.889	ng/ul	0.00
73) Anthracene-d10	17.004	188	495515	18.431	ng/ul	0.00
81) Pyrene-d10	19.309	212	639899	21.907	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	620592	19.294	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.951	178	39217	1.268	ng/ul	97
80) Fluoranthene	18.974	202	164684	4.640	ng/ul#	95
82) Pyrene	19.339	202	146781	3.906	ng/ul#	93
85) Benzo(a)anthracene	21.097	228	85536	2.205	ng/ul	99
87) Chrysene	21.145	228	110421	2.959	ng/ul	96
90) Benzo(b)fluoranthene	22.615	252	158640	4.069	ng/ul	96
91) Benzo(k)fluoranthene	22.656	252	52718m	1.397	ng/ul	
93) Benzo(a)pyrene	23.156	252	89715	2.548	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.356	276	65687	1.458	ng/ul#	92
96) Benzo(g,h,i)perylene	25.997	276	59101	1.584	ng/ul	97

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

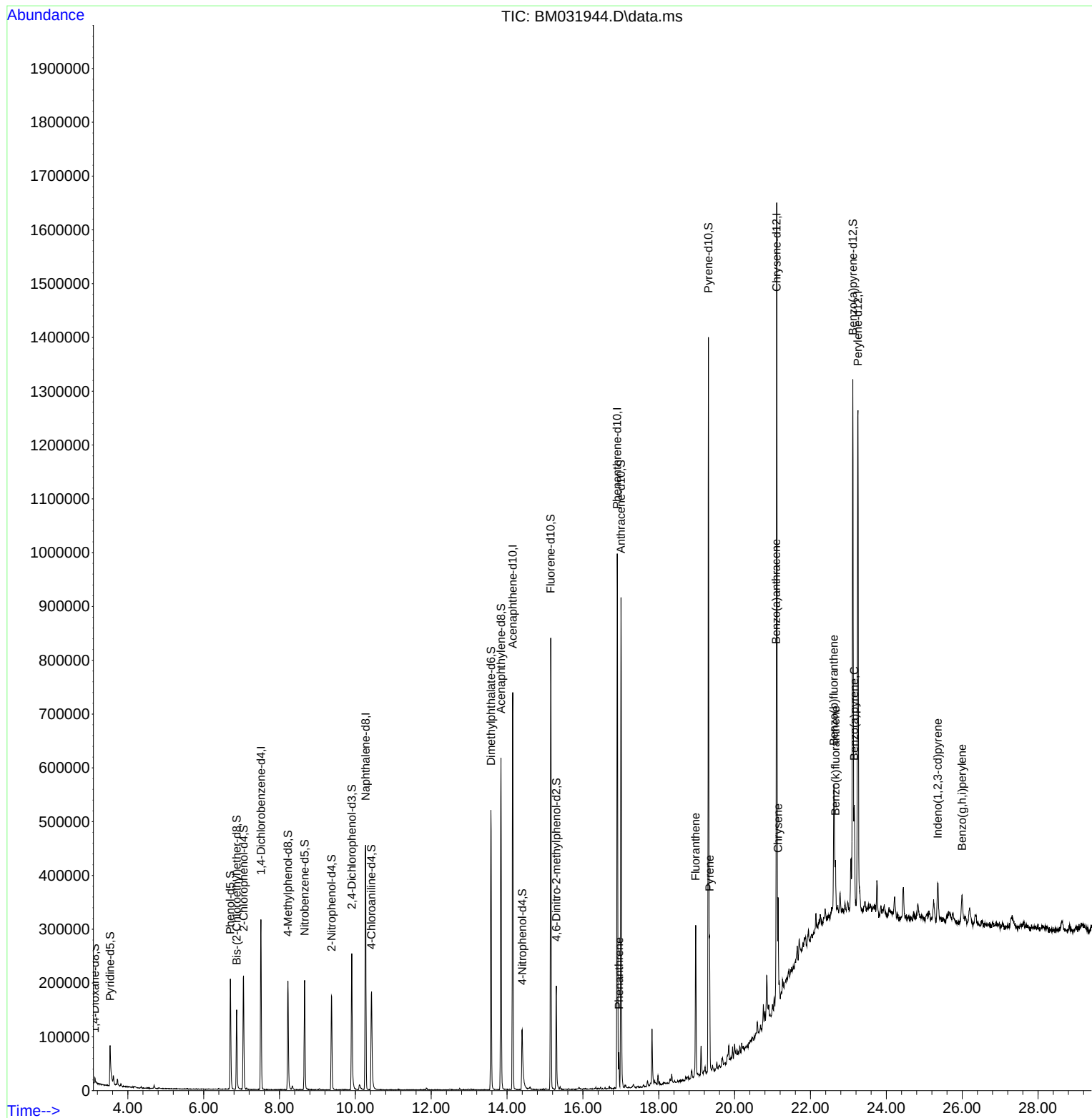
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
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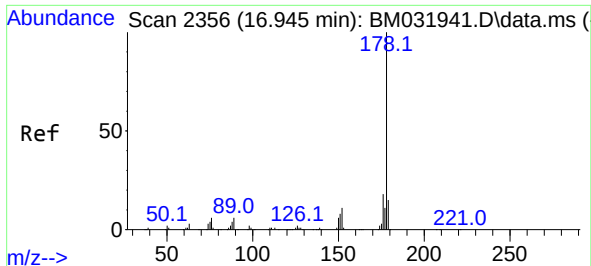
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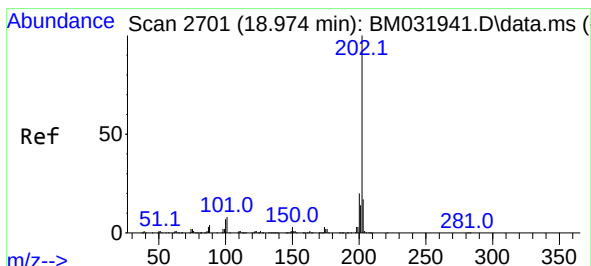
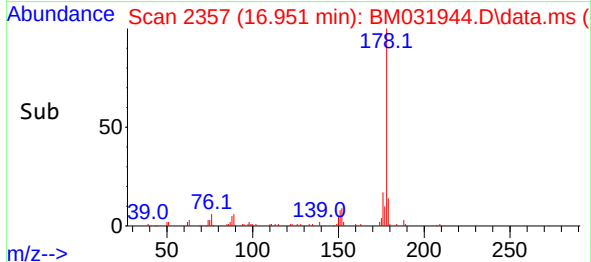
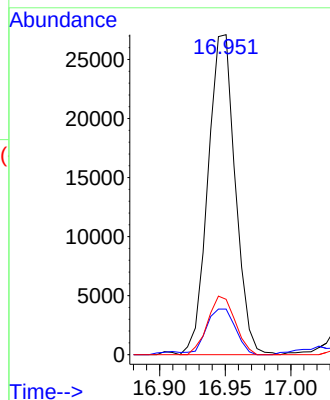
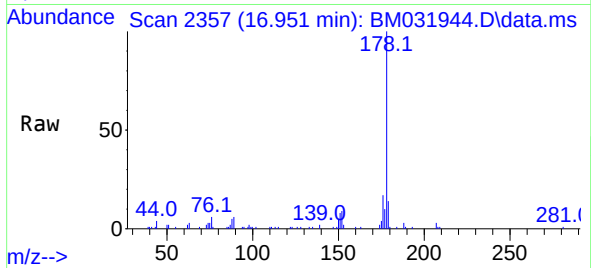
#72
Phenanthrene
Concen: 1.268 ng/ul
RT: 16.951 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03

Tgt Ion:	178	Resp:	39217
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.1	18.1
176	17.3	15.2	22.8

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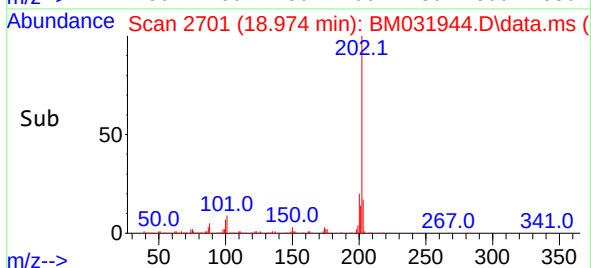
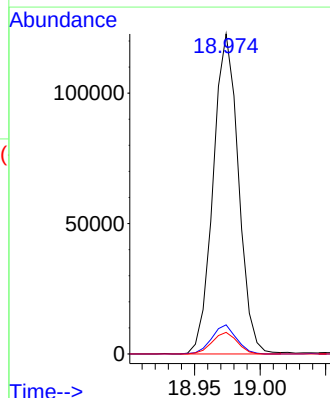
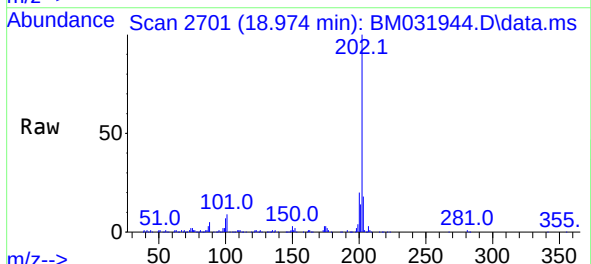
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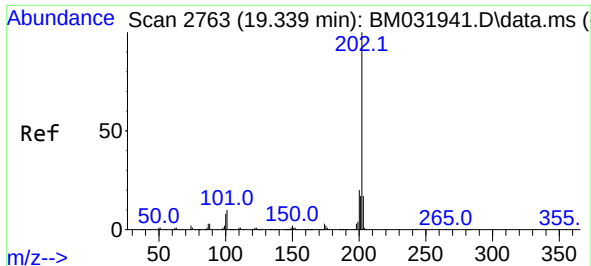
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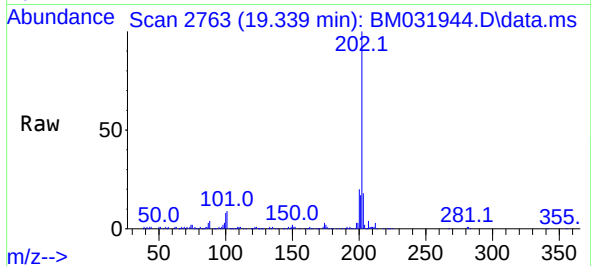
#80
Fluoranthene
Concen: 4.640 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03

Tgt Ion:	202	Resp:	164684
Ion Ratio	Lower	Upper	
202	100		
101	9.1	8.8	13.2
100	6.8	6.8	10.2#

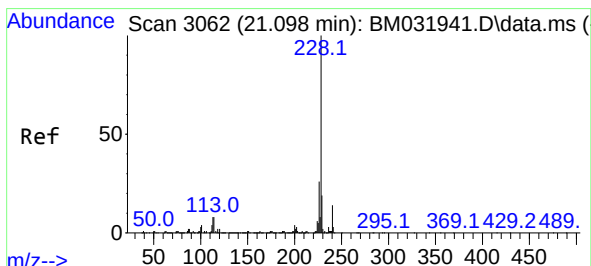
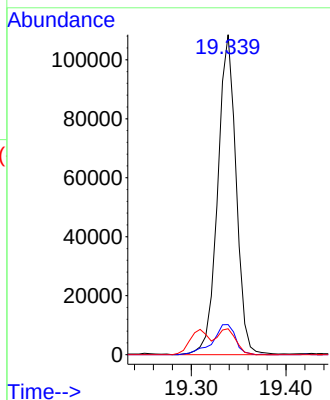
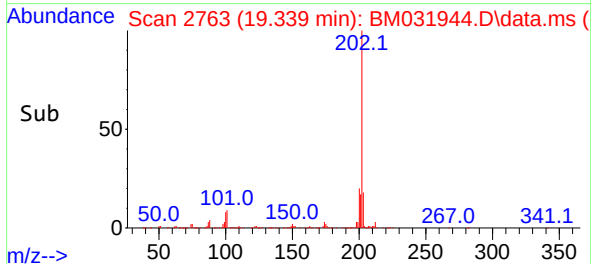




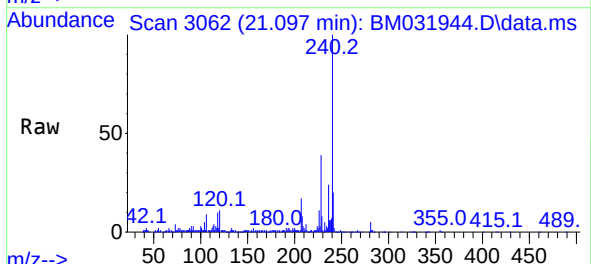
#82
Pyrene
Concen: 3.906 ng/u1
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03



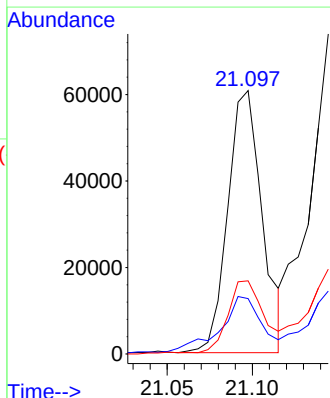
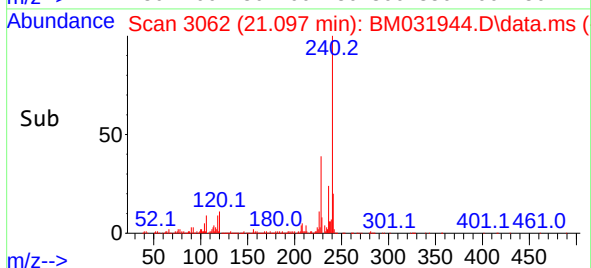
Tgt Ion:202 Resp: 146781
Ion Ratio Lower Upper
202 100
101 9.4 10.0 15.0#
100 8.1 8.5 12.7#



#85
Benzo(a)anthracene
Concen: 2.205 ng/u1
RT: 21.097 min Scan# 3062
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03



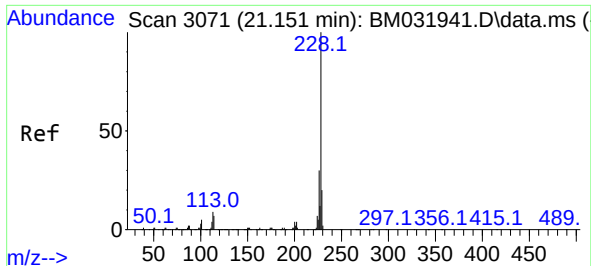
Tgt Ion:228 Resp: 85536
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 27.8 22.2 33.2



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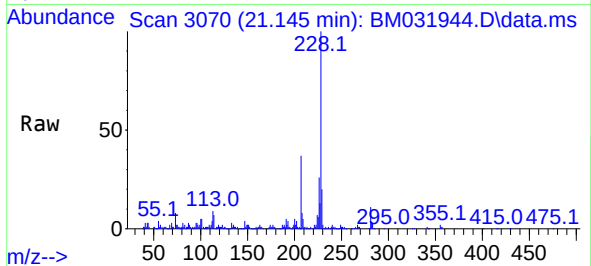
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#87
Chrysene
Concen: 2.959 ng/u1
RT: 21.145 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03

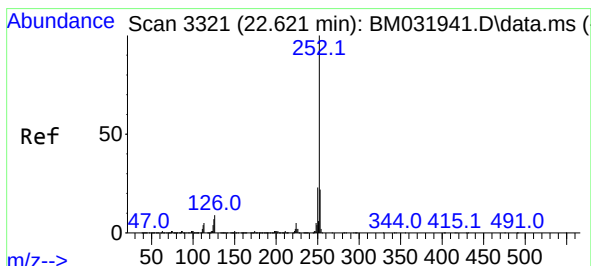
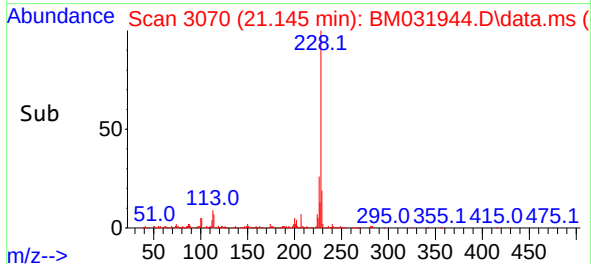
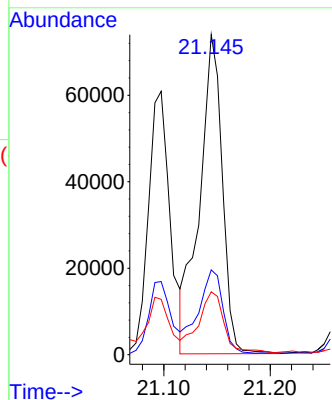
Instrument :
BNA_M
ClientSampled :
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Tgt Ion:228 Resp: 110421
Ion Ratio Lower Upper
228 100
226 26.5 23.6 35.4
229 19.6 15.9 23.9

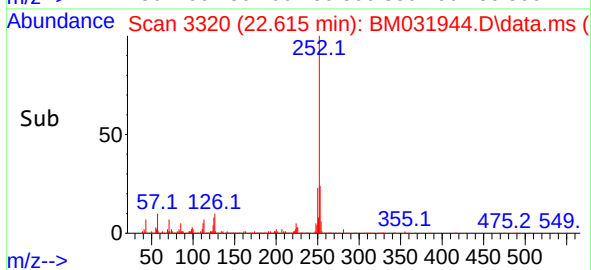
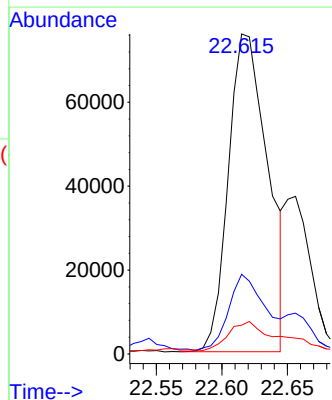
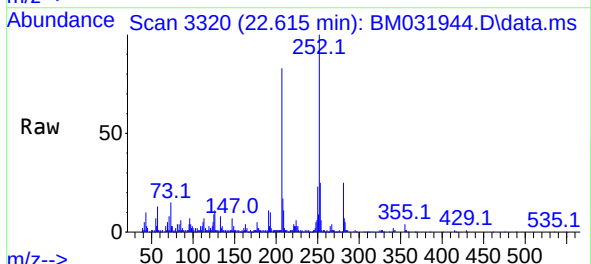
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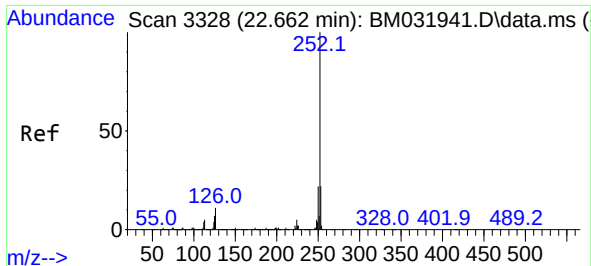
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#90
Benzo(b)fluoranthene
Concen: 4.069 ng/u1
RT: 22.615 min Scan# 3320
Delta R.T. -0.000 min
Lab File: BM031944.D
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Tgt Ion:252 Resp: 158640
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 9.0 7.7 11.5





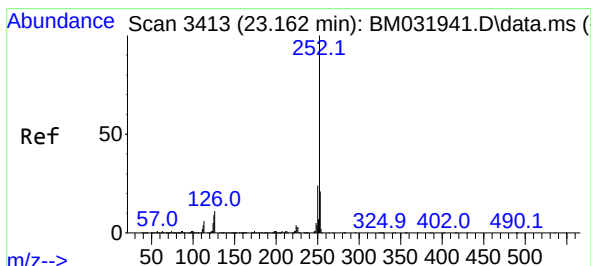
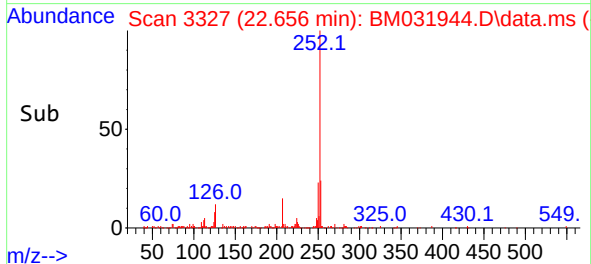
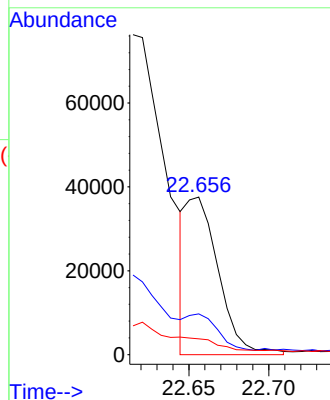
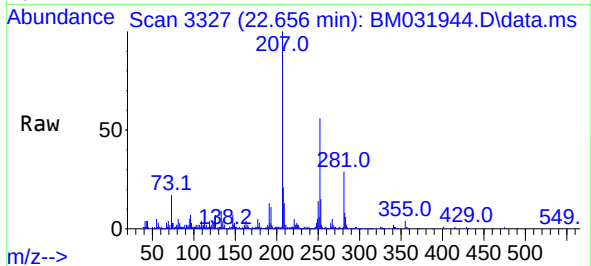
#91
Benzo(k)fluoranthene
Concen: 1.397 ng/ul m
RT: 22.656 min Scan# 3327
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03

Tgt Ion:	252	Resp:	52718
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.4	26.2
125	10.0	7.9	11.9

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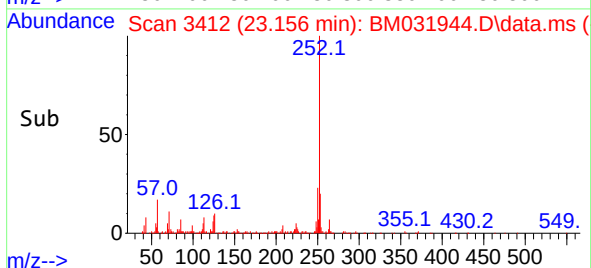
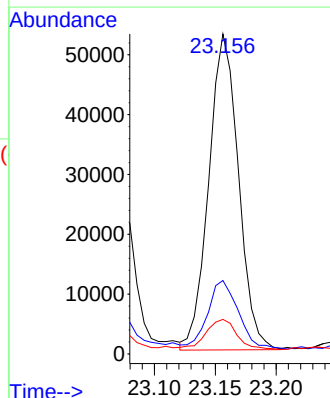
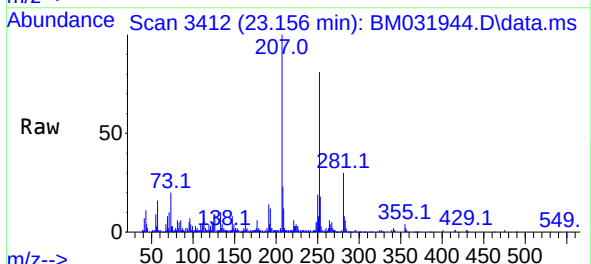
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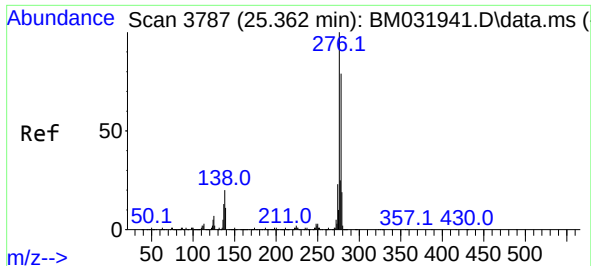
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#93
Benzo(a)pyrene
Concen: 2.548 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03

Tgt Ion:	252	Resp:	89715
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	10.8	8.6	13.0





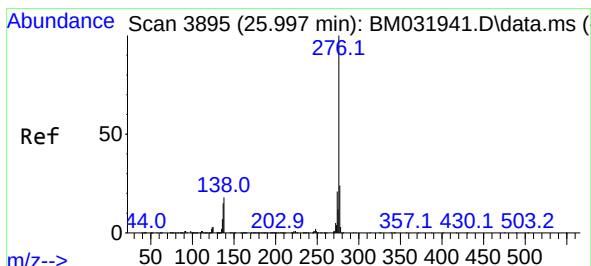
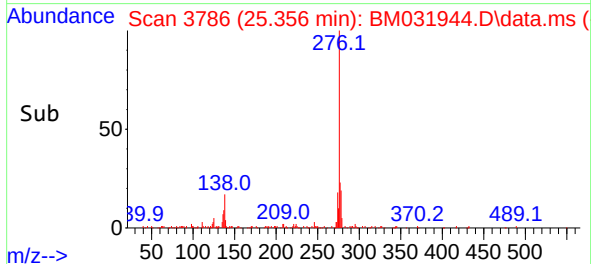
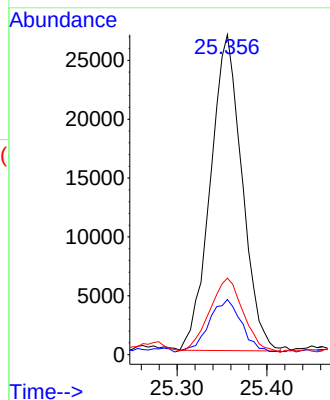
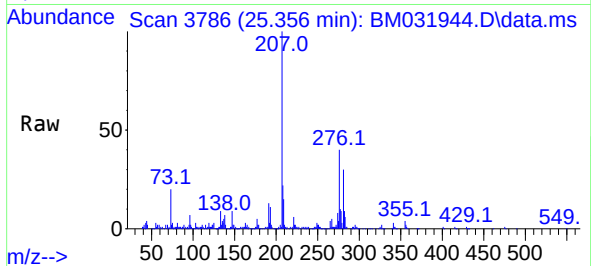
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.458 ng/ul
RT: 25.356 min Scan# 3786
Delta R.T. -0.000 min
Lab File: BM031944.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	19.5	29.3#
277	23.9	19.6	29.4

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#96
Benzo(g,h,i)perylene
Concen: 1.584 ng/ul
RT: 25.997 min Scan# 3895
Delta R.T. -0.000 min
Lab File: BM031944.D
Acq: 30 Aug 2021 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.5	24.7
277	24.8	18.5	27.7

