

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032428.D
 Acq On : 11 Oct 2021 20:02
 Operator : CG/JU
 Sample : M4029-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6

Manual Integrations
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 10/12/2021 9:06:56 AM

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Quant Time: Oct 12 01:01:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 11 11:06:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	246020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	1114486	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.260	164	751805	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.989	188	1556147	20.000	ng/ul	0.00
79) Chrysene-d12	21.153	240	1522280	20.000	ng/ul	0.00
88) Perylene-d12	23.300	264	1550171	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	13335	2.173	ng/uL	0.00
4) Pyridine-d5	3.396	84	85750	4.947	ng/ul	0.01
7) Phenol-d5	6.801	99	241368	11.538	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.936	67	144019	11.990	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	196657	12.312	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	171502	10.150	ng/ul	0.00
21) Nitrobenzene-d5	8.766	128	96789	12.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	107627	12.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	194020	11.499	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	233920	9.399	ng/ul	0.00
46) Dimethylphthalate-d6	13.665	166	687719	13.218	ng/ul	0.00
49) Acenaphthylene-d8	13.954	160	806362	12.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.465	143	84297	8.250	ng/ul	-0.01
60) Fluorene-d10	15.248	176	612872	13.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.365	200	74217	8.368	ng/ul	0.00
73) Anthracene-d10	17.083	188	916769	13.534	ng/ul	0.00
81) Pyrene-d10	19.371	212	1144438	14.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.165	264	1061267	13.671	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.030	178	153483	1.911	ng/ul	98
80) Fluoranthene	19.042	202	420567	4.451	ng/ul	100
82) Pyrene	19.400	202	372478	3.837	ng/ul	97
85) Benzo(a)anthracene	21.141	228	238122	2.594	ng/ul	95
87) Chrysene	21.189	228	263157m	2.911	ng/ul	
90) Benzo(b)fluoranthene	22.665	252	369318	3.916	ng/ul#	94
91) Benzo(k)fluoranthene	22.700	252	133121m	1.556	ng/ul	
93) Benzo(a)pyrene	23.206	252	223739	2.507	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.418	276	148055	1.501	ng/ul	96
96) Benzo(g,h,i)perylene	26.076	276	123374	1.429	ng/ul	98

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

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ALS Vial : 15 Sample Multiplier: 1

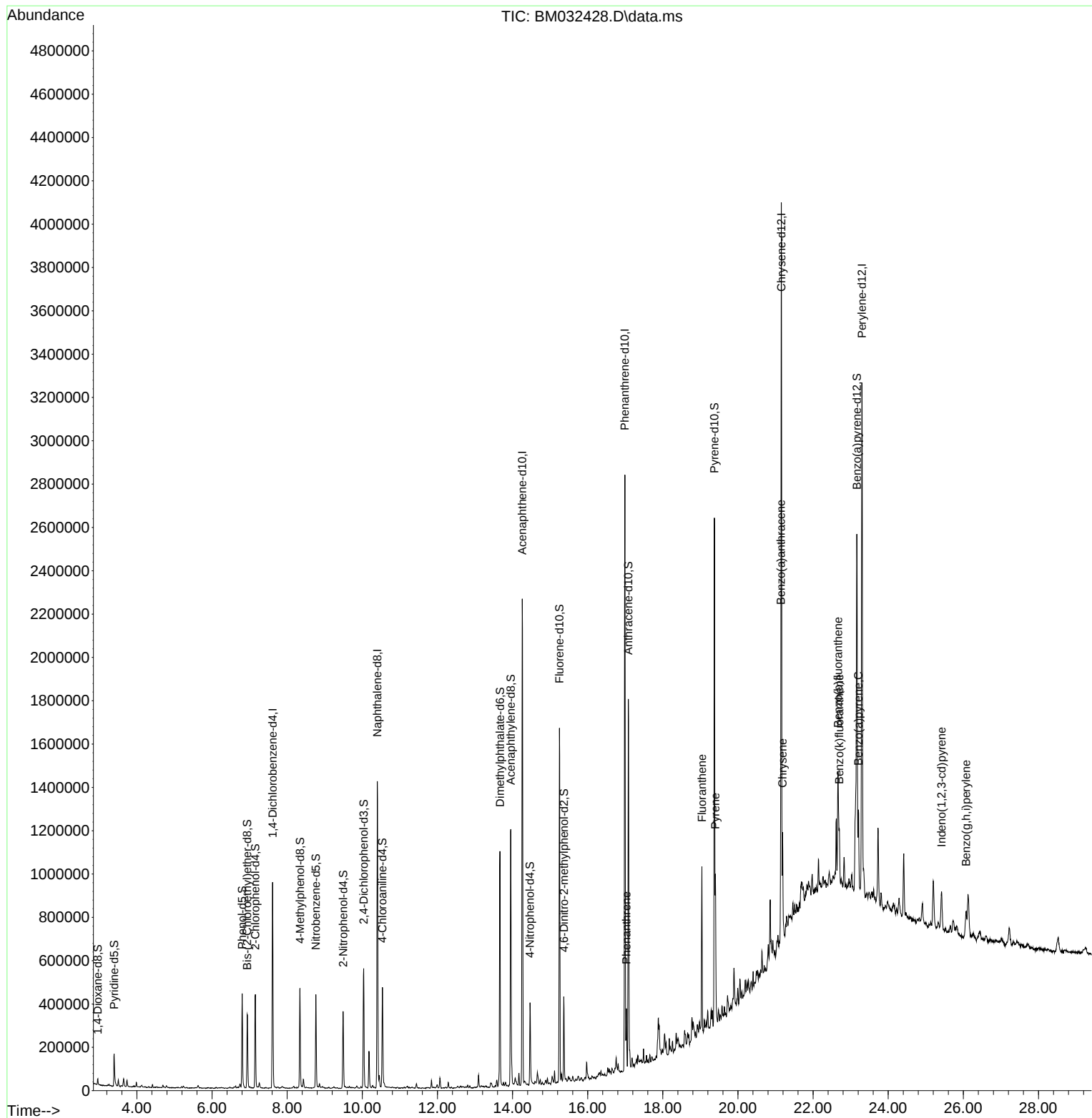
Instrument :
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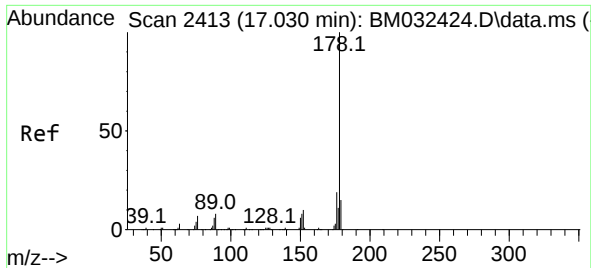
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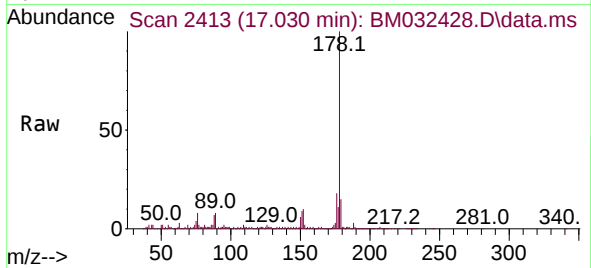
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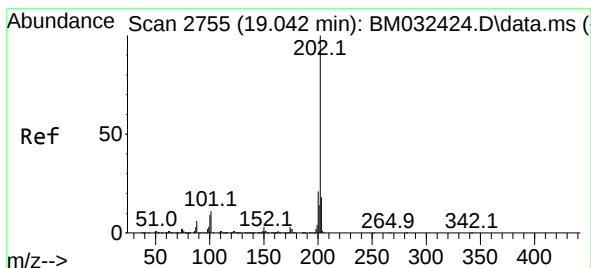
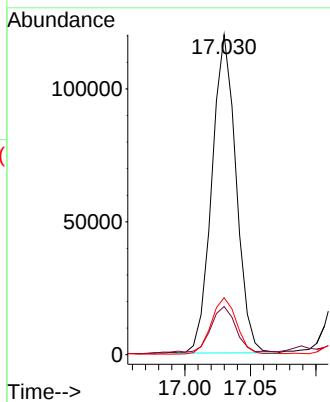
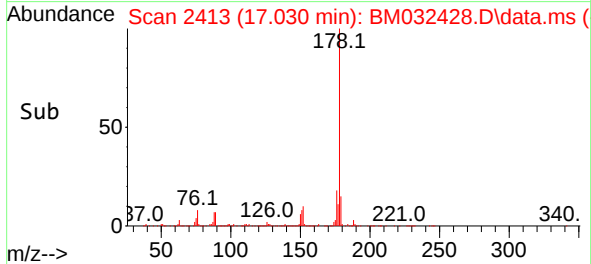




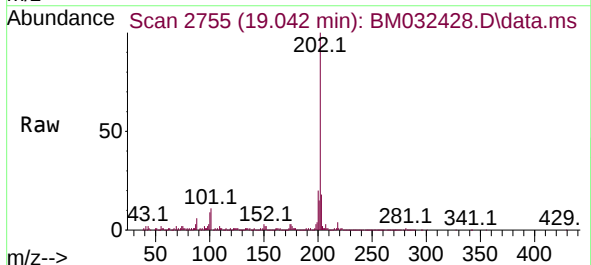
#72
Phenanthrene
Concen: 1.911 ng/ul
RT: 17.030 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02



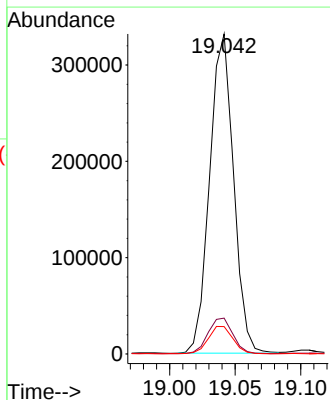
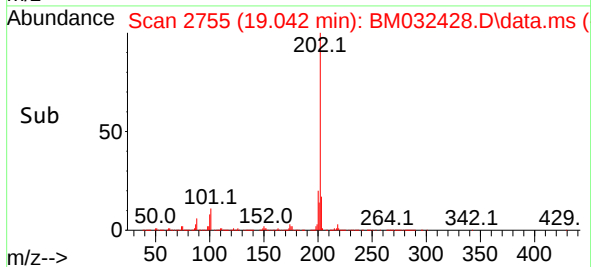
Tgt Ion:178 Resp: 153483
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 17.8 15.4 23.0



#80
Fluoranthene
Concen: 4.451 ng/ul
RT: 19.042 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02



Tgt Ion:202 Resp: 420567
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.5 7.0 10.4

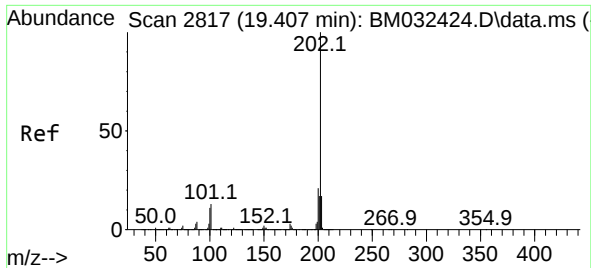


Instrument :
BNA_M
ClientSampled :
C00R6

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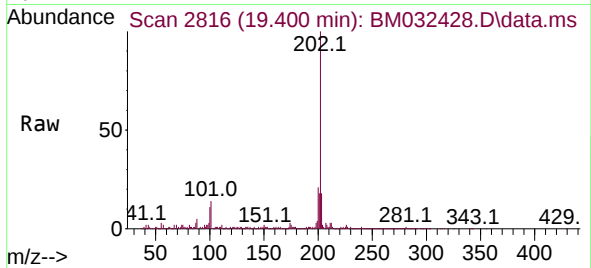
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#82
Pyrene
Concen: 3.837 ng/ul
RT: 19.400 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

Instrument :
BNA_M
ClientSampled :
C00R6

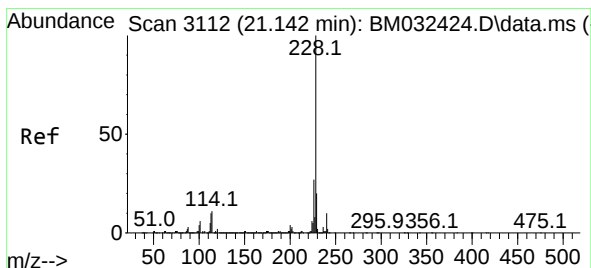
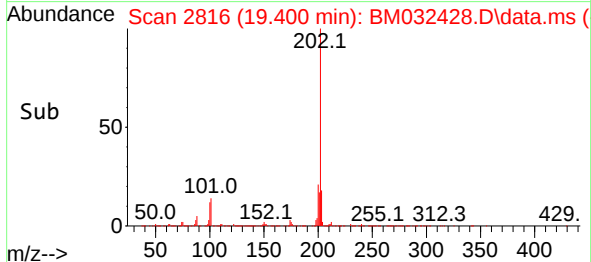
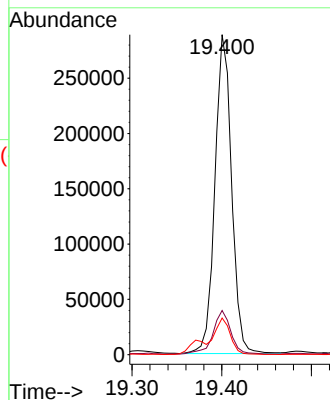


Tgt Ion:202 Resp: 372478
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.5 8.1 12.1

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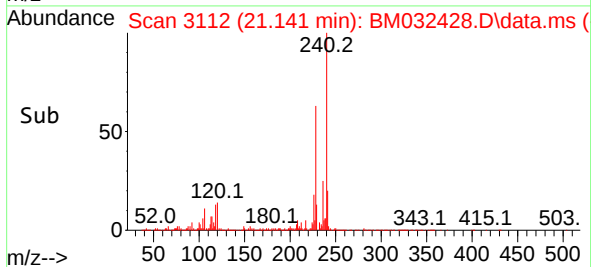
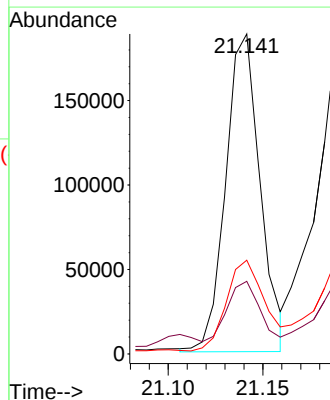
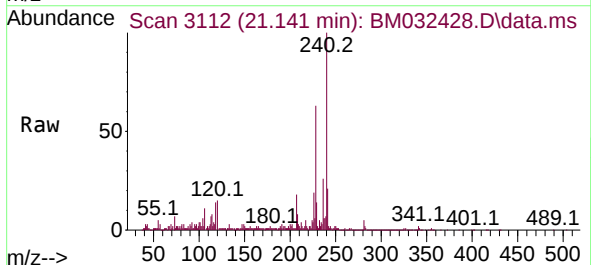
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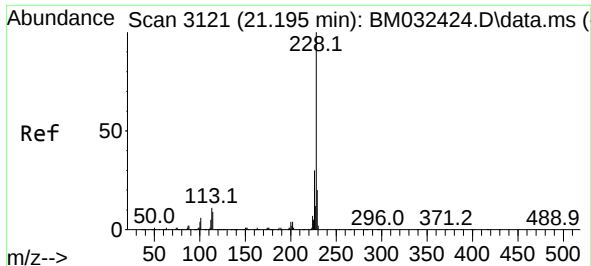
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#85
Benzo(a)anthracene
Concen: 2.594 ng/ul
RT: 21.141 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

Tgt Ion:228 Resp: 238122
Ion Ratio Lower Upper
228 100
229 22.7 15.6 23.4
226 29.3 21.8 32.6





#87
Chrysene
Concen: 2.911 ng/ul m
RT: 21.189 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

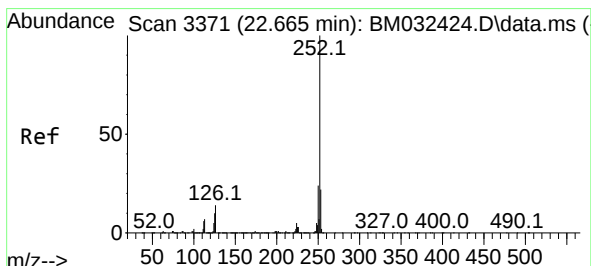
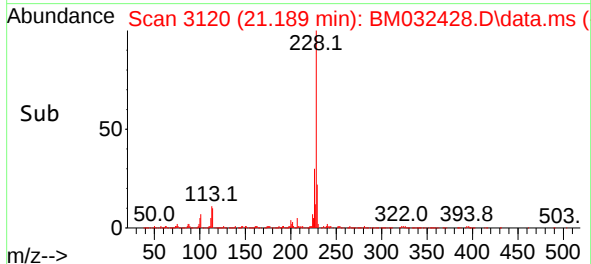
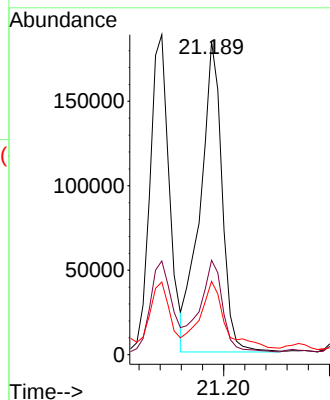
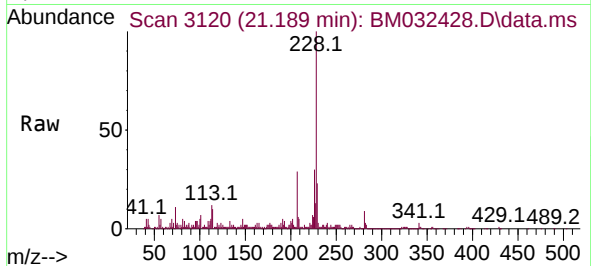
Tgt Ion:228 Resp: 263157
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 23.4 15.5 23.3#

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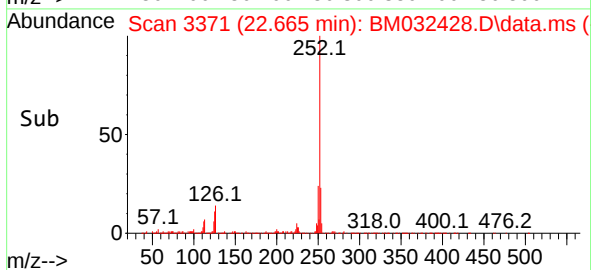
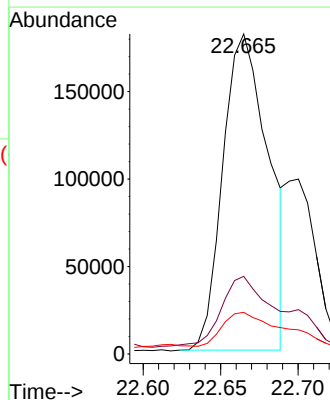
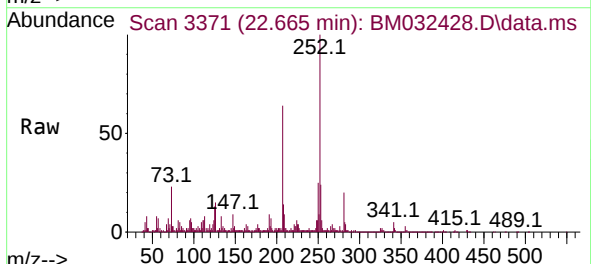
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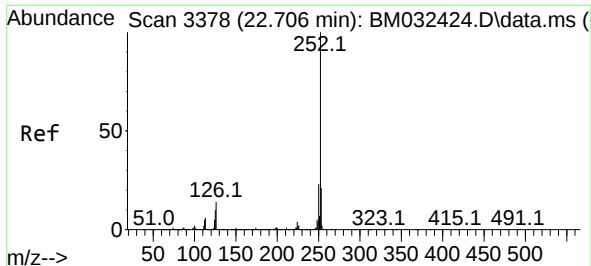
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#90
Benzo(b)fluoranthene
Concen: 3.916 ng/ul
RT: 22.665 min Scan# 3371
Delta R.T. -0.000 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

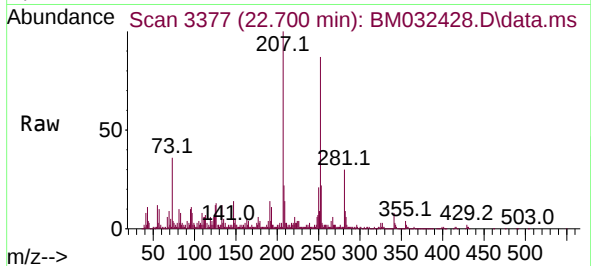
Tgt Ion:252 Resp: 369318
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 13.0 8.2 12.4#





#91
Benzo(k)fluoranthene
Concen: 1.556 ng/ul m
RT: 22.700 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

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BNA_M
ClientSampleId :
C00R6

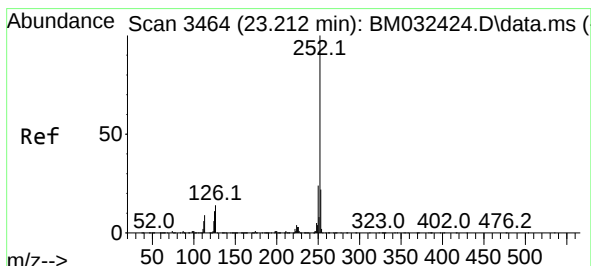
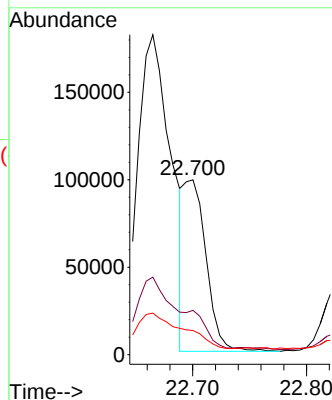
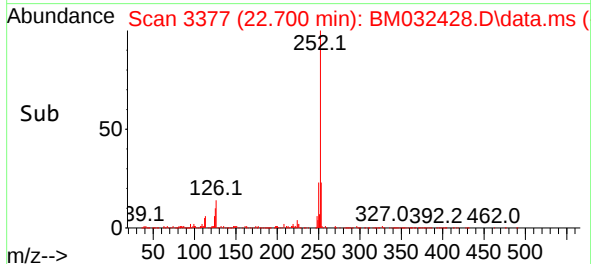


Tgt Ion:252 Resp: 133121
Ion Ratio Lower Upper
252 100
253 25.3 17.5 26.3
125 13.8 8.4 12.6#

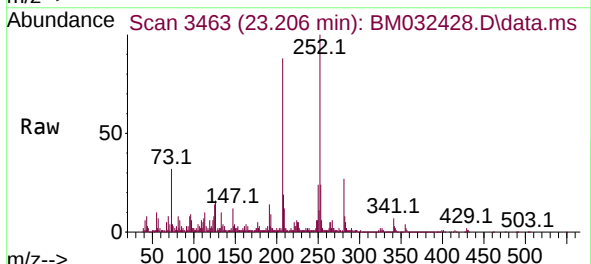
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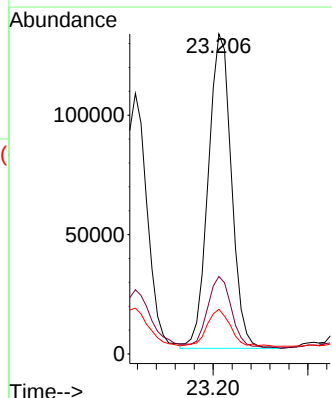
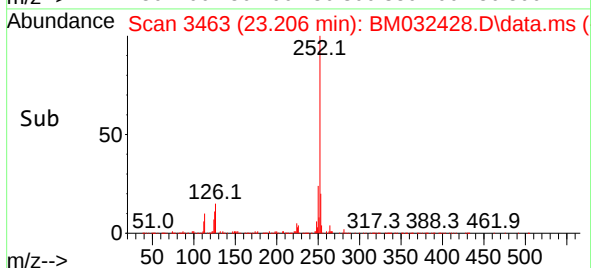
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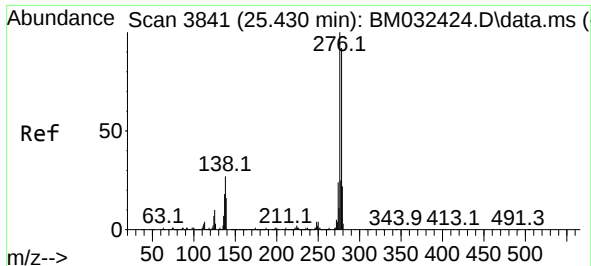


#93
Benzo(a)pyrene
Concen: 2.507 ng/ul
RT: 23.206 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02



Tgt Ion:252 Resp: 223739
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 14.0 9.2 13.8#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.501 ng/ul
RT: 25.418 min Scan# 3839
Delta R.T. -0.012 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

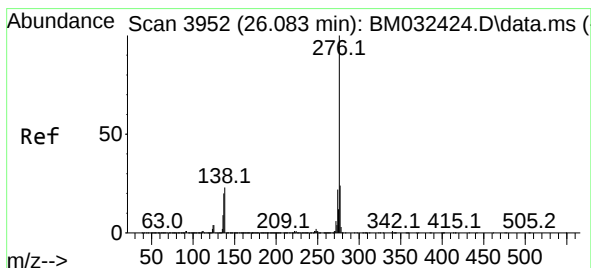
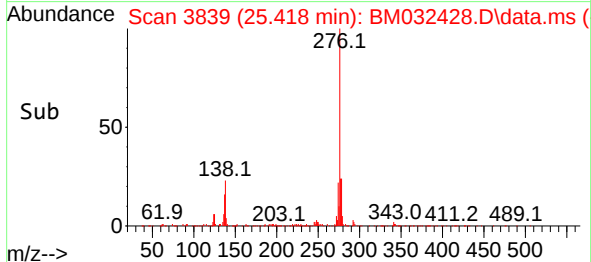
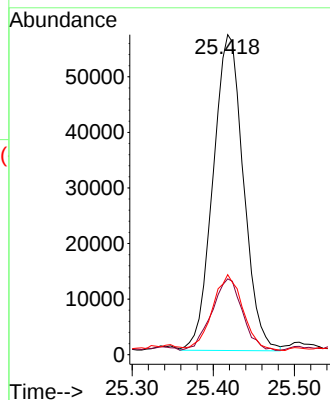
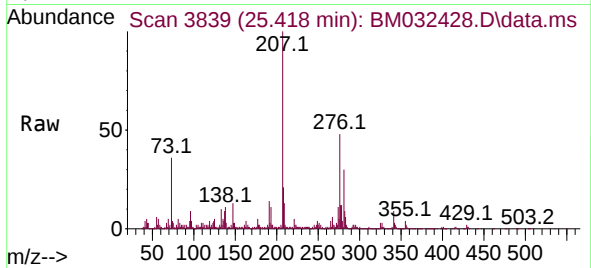
Tgt Ion:	276	Resp:	148055
Ion Ratio	Lower	Upper	
276	100		
138	23.7	21.8	32.6
277	25.0	20.4	30.6

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#96
Benzo(g,h,i)perylene
Concen: 1.429 ng/ul
RT: 26.076 min Scan# 3951
Delta R.T. -0.006 min
Lab File: BM032428.D
Acq: 11 Oct 2021 20:02

Tgt Ion:	276	Resp:	123374
Ion Ratio	Lower	Upper	
276	100		
138	23.7	18.6	27.8
277	25.0	19.0	28.4

