

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032430.D
 Acq On : 11 Oct 2021 21:14
 Operator : CG/JU
 Sample : M4029-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00S9

Manual Integrations
 APPROVED

mohammad
 10/12/2021 9:06:58 AM

Quant Time: Oct 12 01:02:24 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	143973	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	672034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.260	164	479047	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.989	188	1015231	20.000	ng/ul	0.00
79) Chrysene-d12	21.153	240	1077514	20.000	ng/ul	0.00
88) Perylene-d12	23.300	264	1172839	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.954	96	5715	1.591	ng/uL	0.00
4) Pyridine-d5	3.396	84	41135	4.055	ng/ul	0.01
7) Phenol-d5	6.801	99	114720	9.370	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	69689	9.914	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	91168	9.753	ng/ul	0.00
15) 4-Methylphenol-d8	8.336	113	82211	8.314	ng/ul	-0.01
21) Nitrobenzene-d5	8.766	128	47113	9.936	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	49195	9.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	97245	9.558	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	118745	7.912	ng/ul	0.00
46) Dimethylphthalate-d6	13.666	166	364761	11.002	ng/ul	0.00
49) Acenaphthylene-d8	13.948	160	417608	10.369	ng/ul	0.00
54) 4-Nitrophenol-d4	14.465	143	47313	7.267	ng/ul	-0.01
60) Fluorene-d10	15.248	176	320029	11.382	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.365	200	36725	6.347	ng/ul	0.00
73) Anthracene-d10	17.083	188	481092	10.886	ng/ul	0.00
81) Pyrene-d10	19.371	212	626115	11.550	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.165	264	655409	11.159	ng/ul	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	6.742	77	8969	1.556	ng/ul	98
16) Acetophenone	8.431	105	14599	1.008	ng/ul#	96
72) Phenanthrene	17.030	178	106725	2.037	ng/ul	100
80) Fluoranthene	19.042	202	345036	5.159	ng/ul	98
82) Pyrene	19.400	202	298181	4.340	ng/ul	99
85) Benzo(a)anthracene	21.136	228	165865	2.553	ng/ul	98
87) Chrysene	21.189	228	187333	2.928	ng/ul	98
90) Benzo(b)fluoranthene	22.659	252	289699	4.060	ng/ul#	95
91) Benzo(k)fluoranthene	22.700	252	92642m	1.431	ng/ul	
93) Benzo(a)pyrene	23.206	252	182011	2.696	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.412	276	138381	1.854	ng/ul	96
96) Benzo(g,h,i)perylene	26.071	276	112386	1.721	ng/ul	98

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

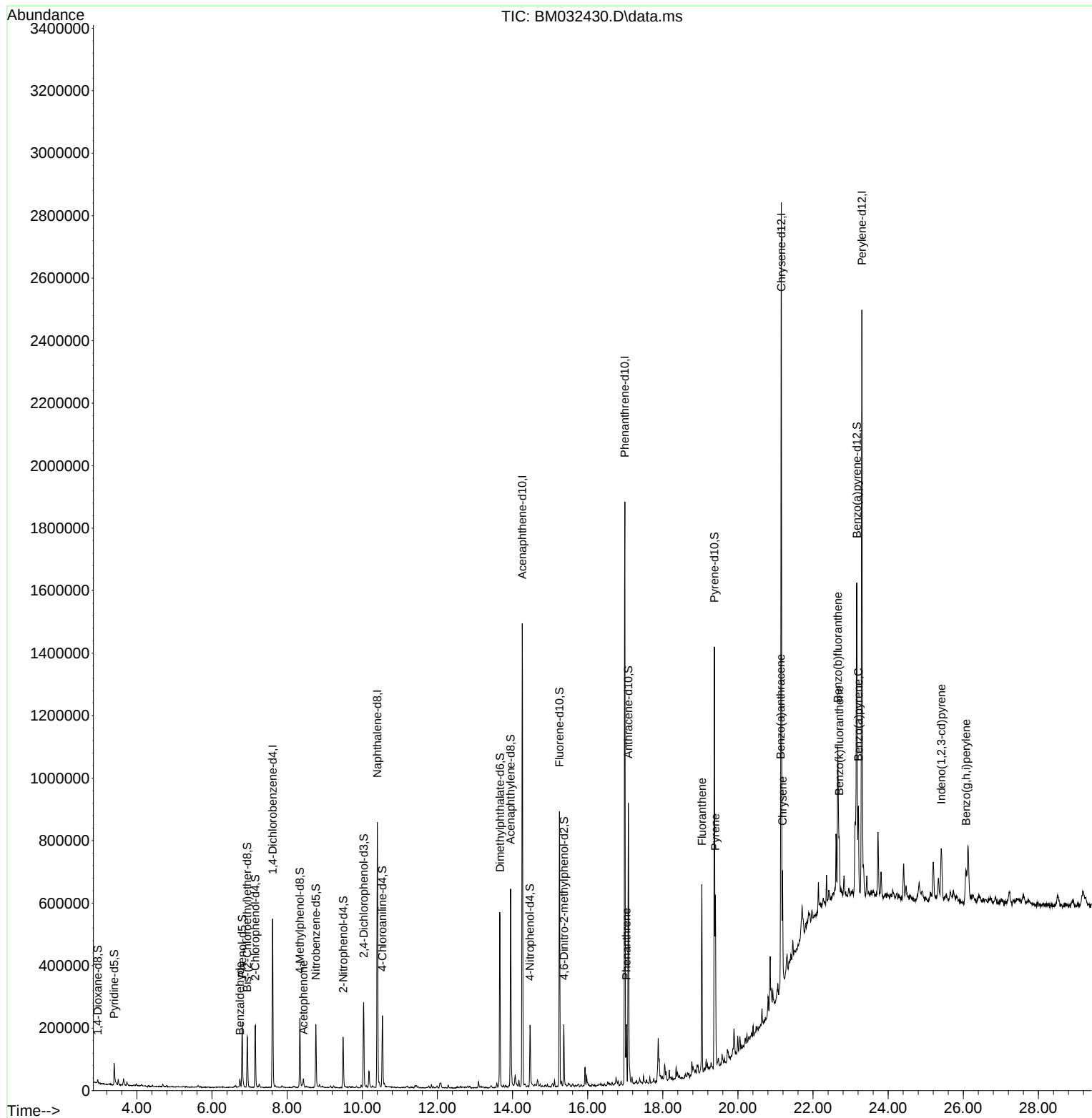
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032430.D
Acq On : 11 Oct 2021 21:14
Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

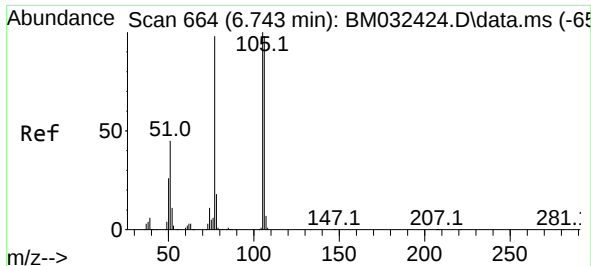
Instrument :
BNA_M
ClientSampleId :
C00S9

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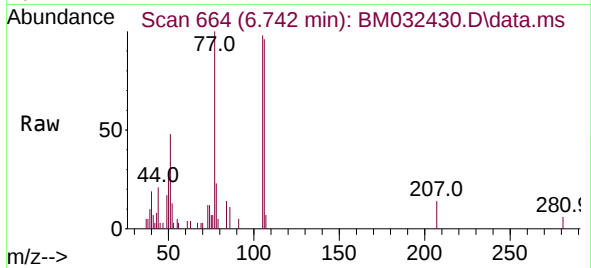
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Quant Time: Oct 12 01:02:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 11 11:06:33 2021
Response via : Initial Calibration

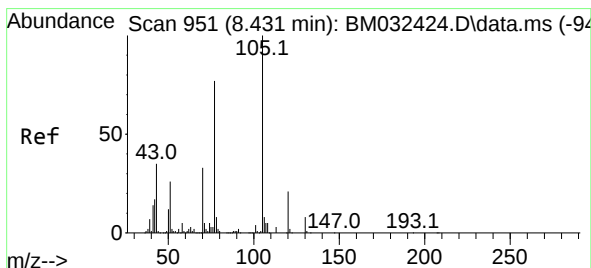
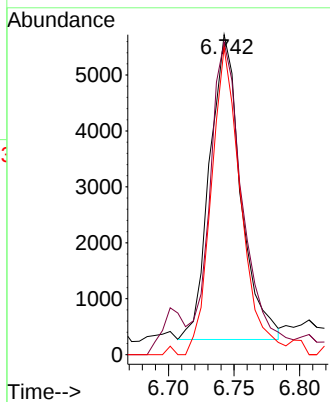
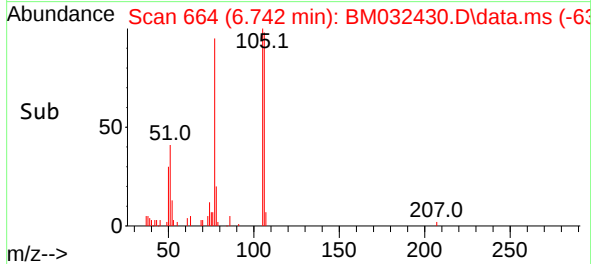




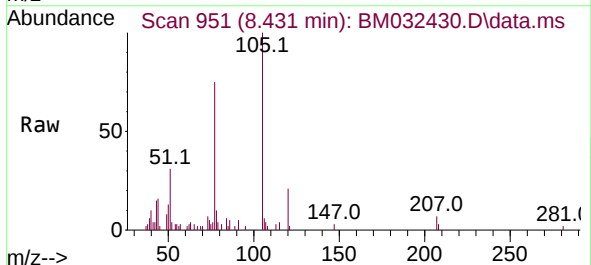
#6
Benzaldehyde
Concen: 1.556 ng/ul
RT: 6.742 min Scan# 664
Delta R.T. -0.000 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



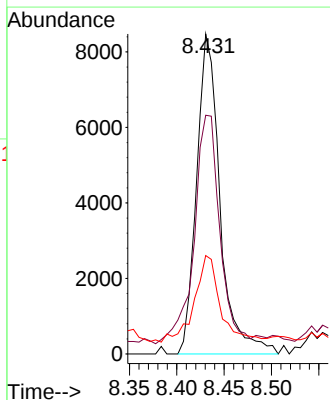
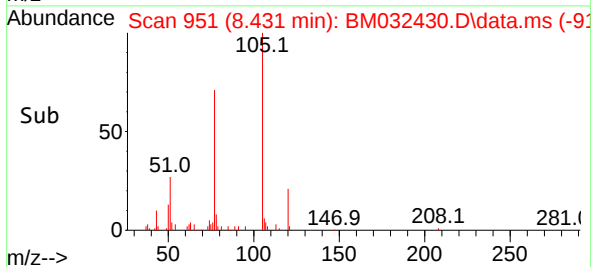
Tgt Ion: 77 Resp: 8969
Ion Ratio Lower Upper
77 100
105 97.6 79.5 119.3
106 96.0 75.7 113.5



#16
Acetophenone
Concen: 1.008 ng/ul
RT: 8.431 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



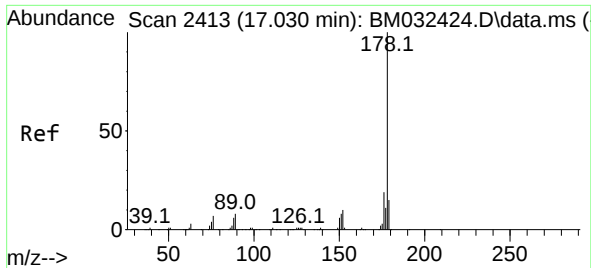
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Ion Ratio Lower Upper
105 100
77 74.6 60.9 91.3
51 30.8 20.5 30.7#



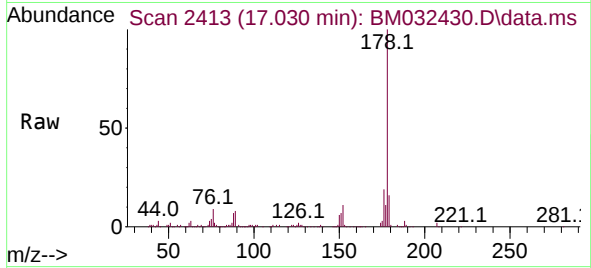
Instrument :
BNA_M
ClientSampleId :
C00S9

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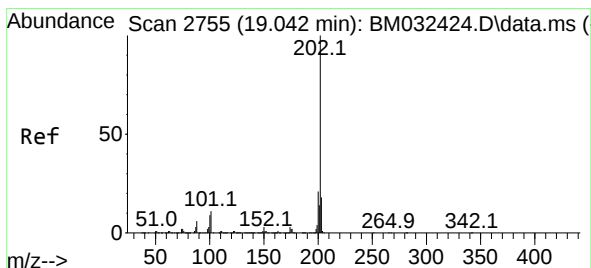
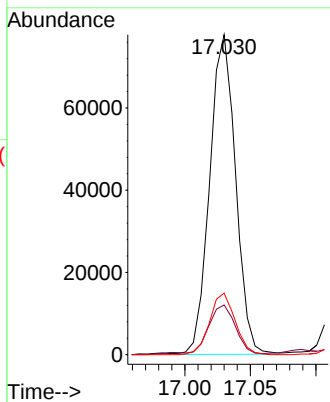
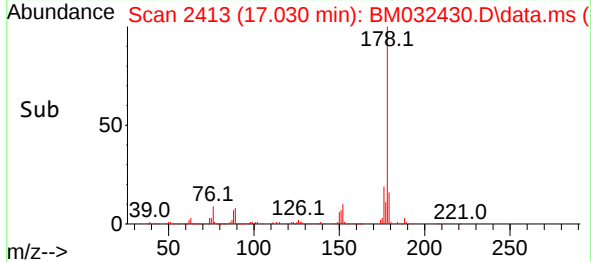
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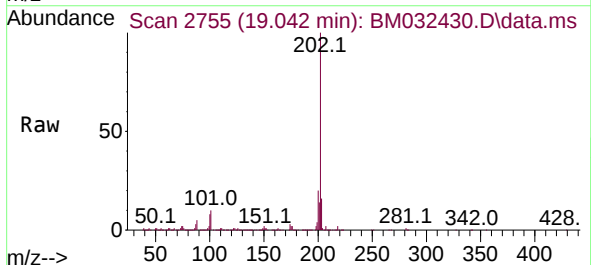
#72
Phenanthrene
Concen: 2.037 ng/ul
RT: 17.030 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



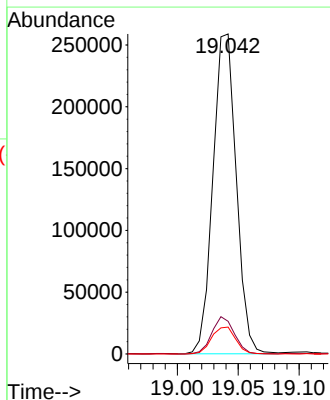
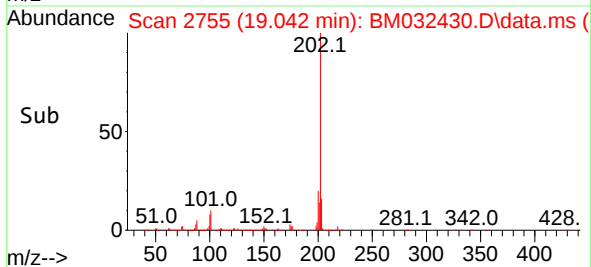
Tgt Ion:178 Resp: 106725
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.2 15.4 23.0



#80
Fluoranthene
Concen: 5.159 ng/ul
RT: 19.042 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



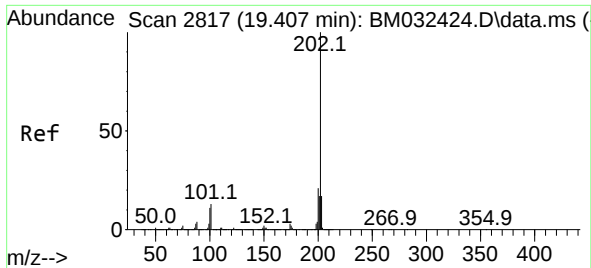
Tgt Ion:202 Resp: 345036
Ion Ratio Lower Upper
202 100
101 10.2 9.1 13.7
100 8.4 7.0 10.4



Instrument :
BNA_M
ClientSampled :
C00S9

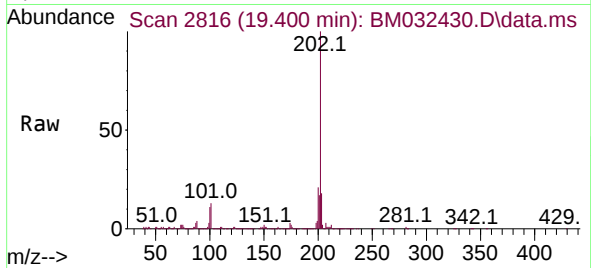
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#82
Pyrene
Concen: 4.340 ng/ul
RT: 19.400 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14

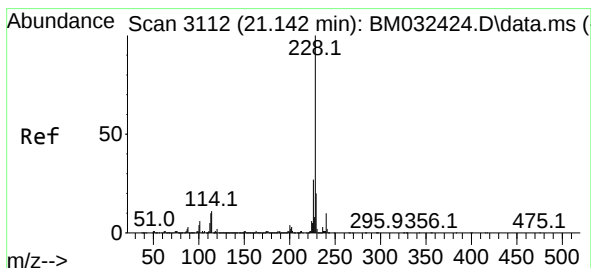
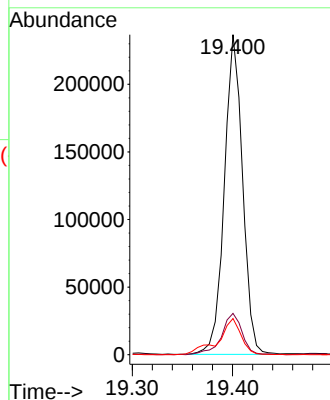
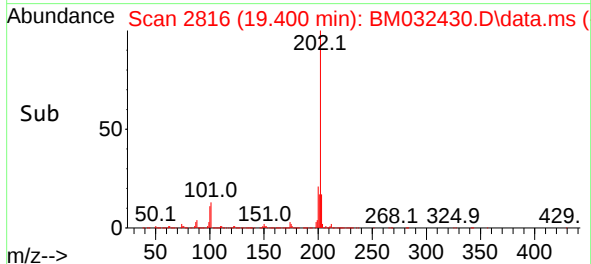
Instrument :
BNA_M
ClientSampled :
C00S9



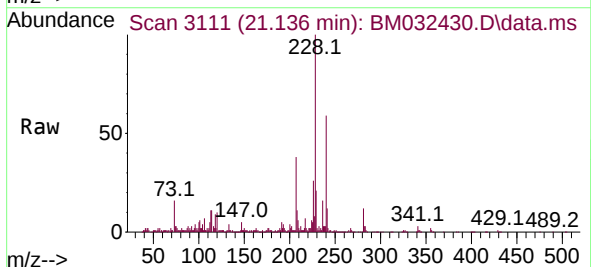
Tgt Ion:202 Resp: 298181
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 11.3 8.1 12.1

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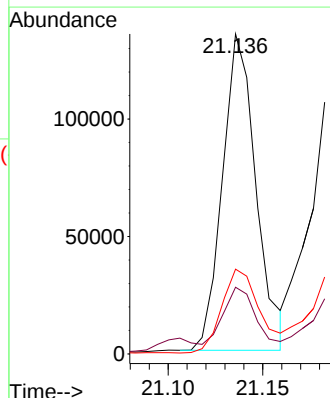
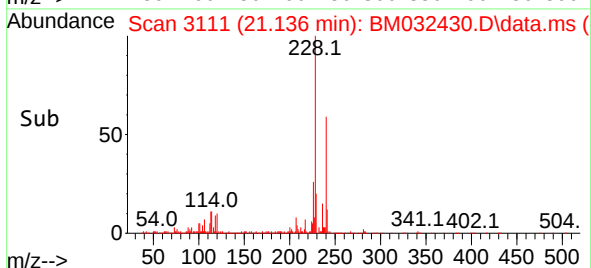
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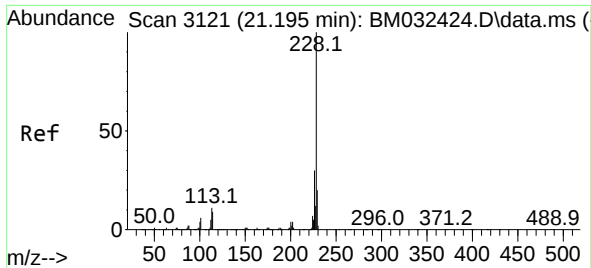


#85
Benzo(a)anthracene
Concen: 2.553 ng/ul
RT: 21.136 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



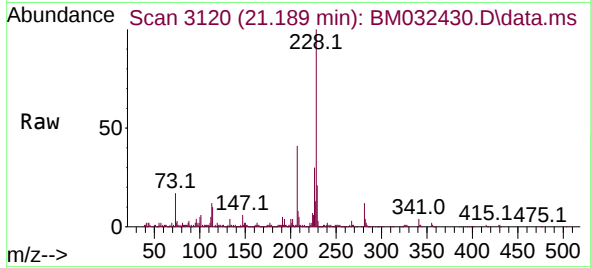
Tgt Ion:228 Resp: 165865
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 26.5 21.8 32.6





#87
Chrysene
Concen: 2.928 ng/ul
RT: 21.189 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14

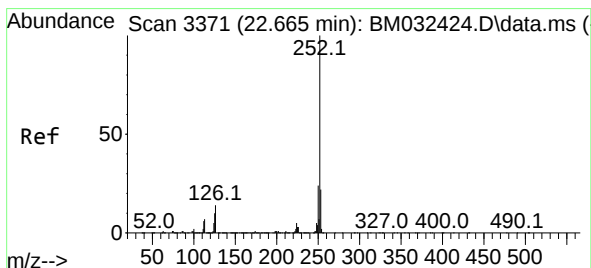
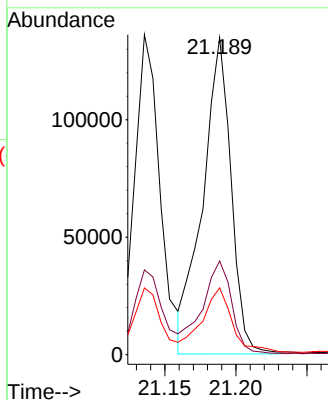
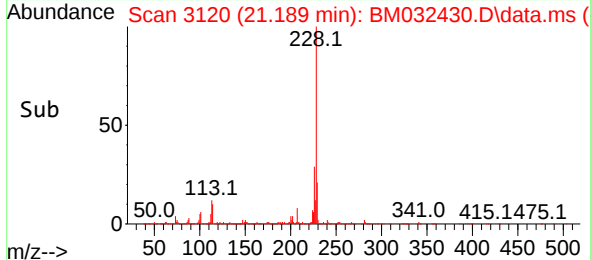
Instrument :
BNA_M
ClientSampled :
C00S9



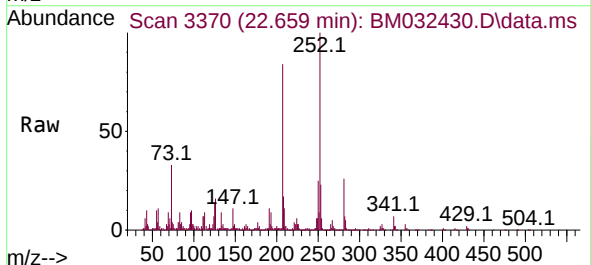
Tgt Ion:228 Resp: 187333
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 21.1 15.5 23.3

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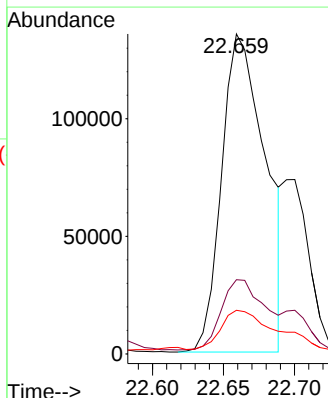
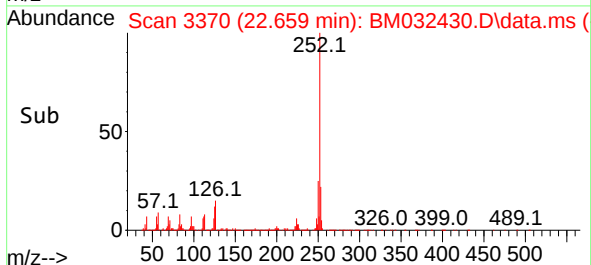
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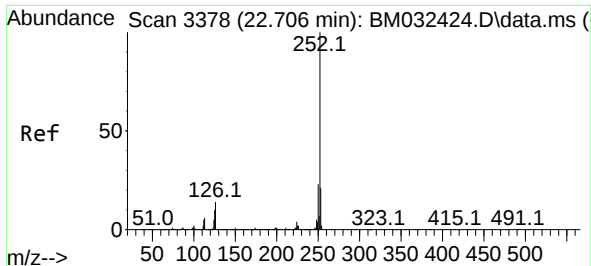


#90
Benzo(b)fluoranthene
Concen: 4.060 ng/ul
RT: 22.659 min Scan# 3370
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



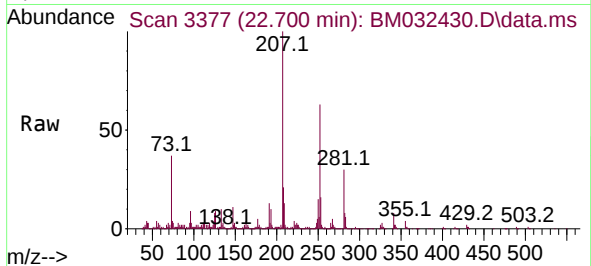
Tgt Ion:252 Resp: 289699
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 13.7 8.2 12.4#





#91
Benzo(k)fluoranthene
Concen: 1.431 ng/ul m
RT: 22.700 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14

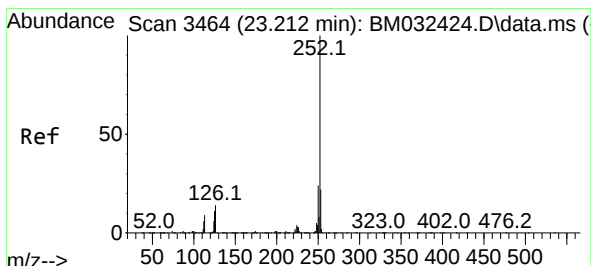
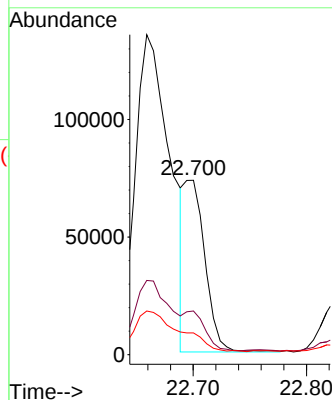
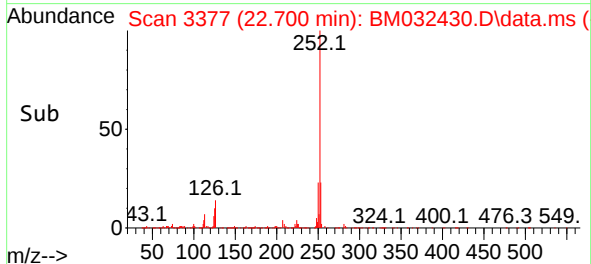
Instrument :
BNA_M
ClientSampled :
C00S9



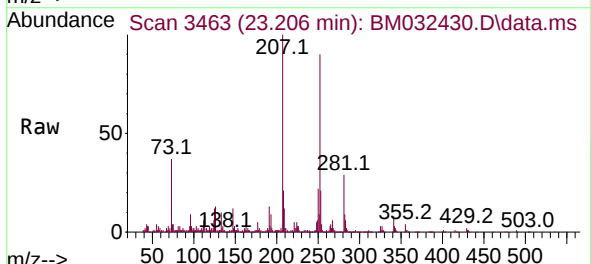
Tgt Ion:252 Resp: 92642
Ion Ratio Lower Upper
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253 25.0 17.5 26.3
125 12.5 8.4 12.6

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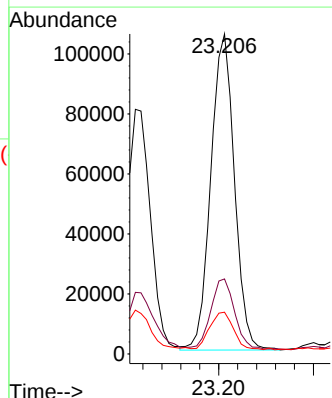
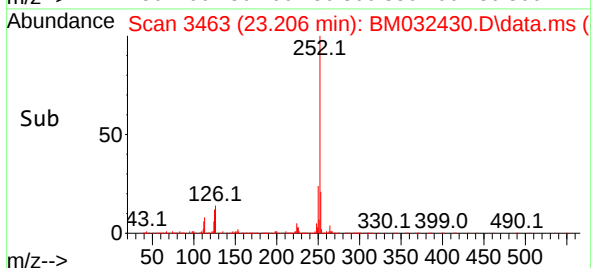
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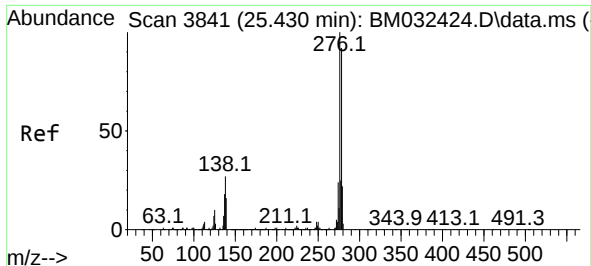


#93
Benzo(a)pyrene
Concen: 2.696 ng/ul
RT: 23.206 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14



Tgt Ion:252 Resp: 182011
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 13.1 9.2 13.8





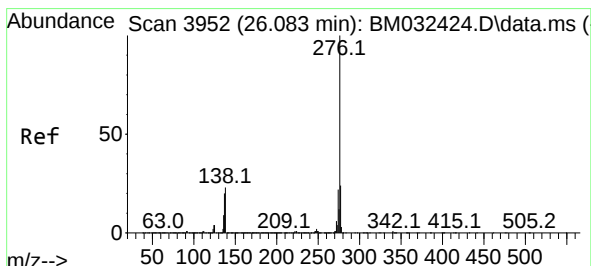
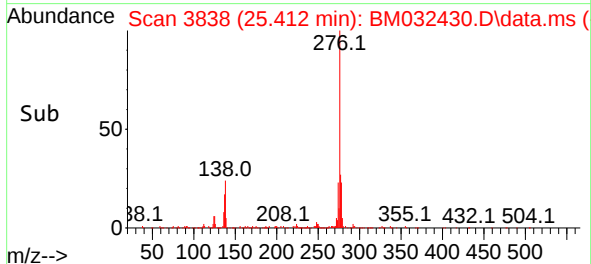
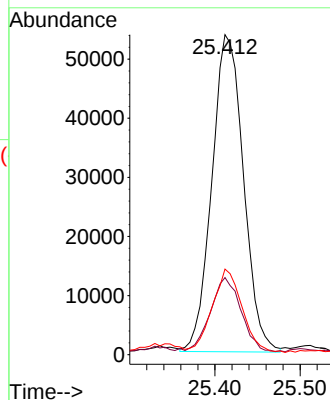
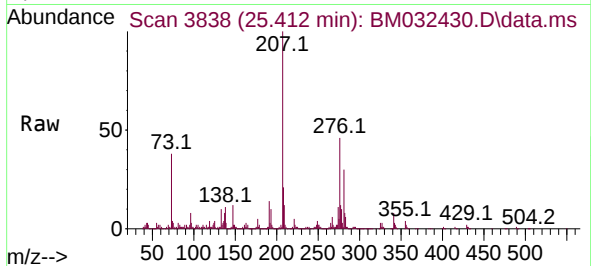
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Indeno(1,2,3-cd)pyrene
Concen: 1.854 ng/ul
RT: 25.412 min Scan# 3838
Delta R.T. -0.018 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14

Tgt Ion:276 Resp: 138381
Ion Ratio Lower Upper
276 100
138 24.1 21.8 32.6
277 26.8 20.4 30.6

Instrument :
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#96
Benzo(g,h,i)perylene
Concen: 1.721 ng/ul
RT: 26.071 min Scan# 3950
Delta R.T. -0.012 min
Lab File: BM032430.D
Acq: 11 Oct 2021 21:14

Tgt Ion:276 Resp: 112386
Ion Ratio Lower Upper
276 100
138 22.2 18.6 27.8
277 24.6 19.0 28.4

