

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032419.D
 Acq On : 11 Oct 2021 13:57
 Operator : CG/JU
 Sample : M4029-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00T0

Manual Integrations
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 10/12/2021 8:35:22 AM

Quant Time: Oct 11 14:37:37 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	198689	20.000	ng/u1	0.00
20) Naphthalene-d8	10.401	136	888432	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.266	164	602786	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.989	188	1260766	20.000	ng/u1	0.00
79) Chrysene-d12	21.153	240	1273667	20.000	ng/u1	0.00
88) Perylene-d12	23.300	264	1361195	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	10851	2.190	ng/uL	0.00
4) Pyridine-d5	3.396	84	67271	4.805	ng/u1	0.01
7) Phenol-d5	6.801	99	204050	12.077	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.937	67	123694	12.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.154	132	166980	12.944	ng/u1	0.00
15) 4-Methylphenol-d8	8.342	113	145713	10.678	ng/u1	0.00
21) Nitrobenzene-d5	8.766	128	84460	13.474	ng/u1	0.00
24) 2-Nitrophenol-d4	9.489	143	92055	13.624	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	167973	12.488	ng/u1	0.00
31) 4-Chloroaniline-d4	10.536	131	219202	11.049	ng/u1	0.00
46) Dimethylphthalate-d6	13.666	166	597277	14.318	ng/u1	0.00
49) Acenaphthylene-d8	13.954	160	701380	13.840	ng/u1	0.00
54) 4-Nitrophenol-d4	14.471	143	81045	9.893	ng/u1	0.00
60) Fluorene-d10	15.254	176	514636	14.546	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.371	200	66043	9.191	ng/u1	0.00
73) Anthracene-d10	17.089	188	785746	14.317	ng/u1	0.00
81) Pyrene-d10	19.377	212	959260	14.971	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.165	264	956764	14.036	ng/u1	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.030	178	145857	2.241	ng/u1	99
80) Fluoranthene	19.042	202	406620	5.143	ng/u1	99
82) Pyrene	19.401	202	339892	4.185	ng/u1	96
85) Benzo(a)anthracene	21.142	228	171490	2.233	ng/u1	99
87) Chrysene	21.195	228	210941	2.789	ng/u1	98
90) Benzo(b)fluoranthene	22.665	252	305267	3.686	ng/u1#	97
91) Benzo(k)fluoranthene	22.700	252	82692m	1.101	ng/u1	
93) Benzo(a)pyrene	23.206	252	181269	2.314	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.424	276	132620	1.531	ng/u1	94
96) Benzo(g,h,i)perylene	26.071	276	116263	1.534	ng/u1	97

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

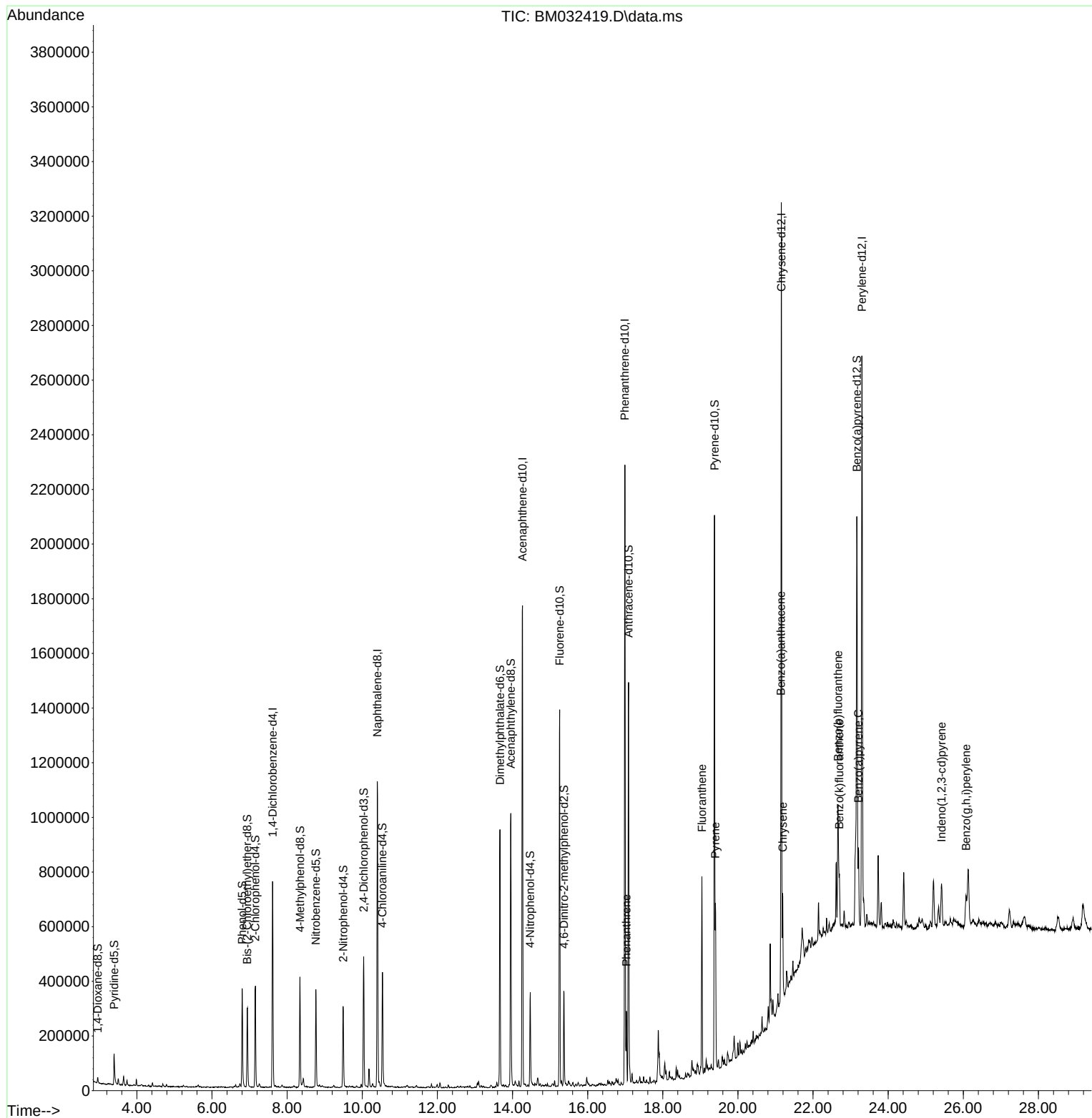
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032419.D
Acq On : 11 Oct 2021 13:57
Operator : CG/JU
Sample : M4029-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

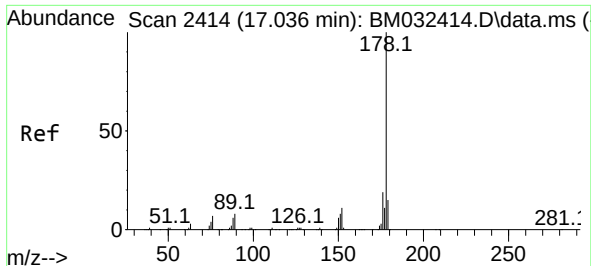
Instrument :
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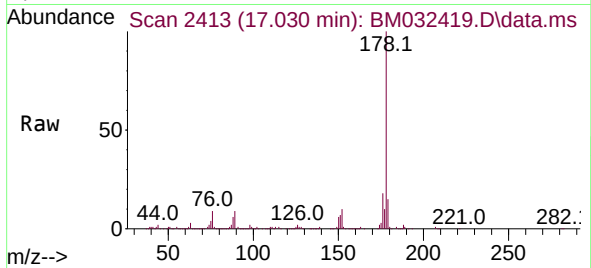
Quant Time: Oct 11 14:37:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 11 11:06:33 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.241 ng/ul
RT: 17.030 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

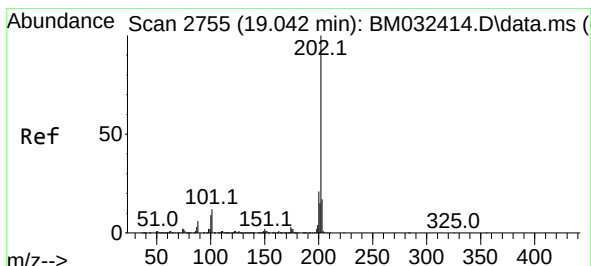
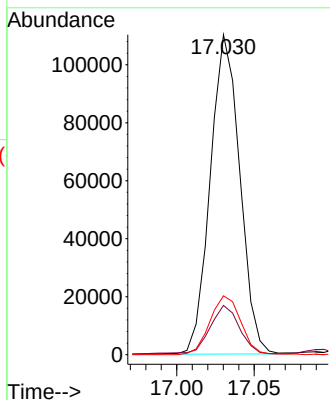
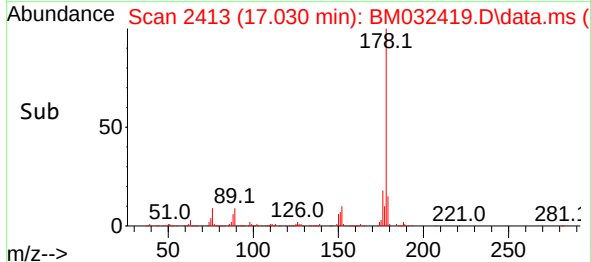
Instrument :
BNA_M
ClientSampleId :
C00T0



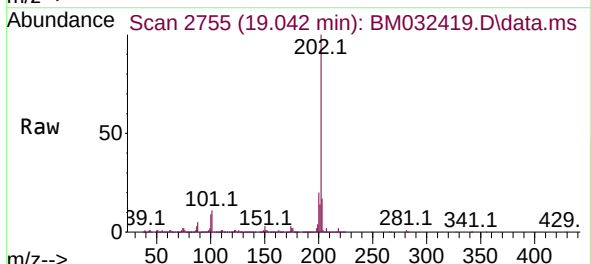
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Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.4 15.4 23.0

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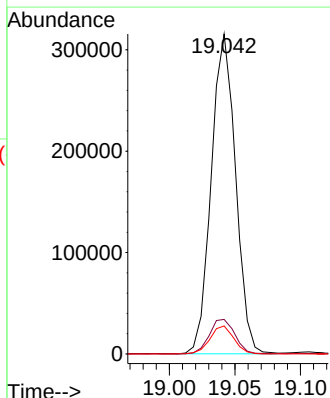
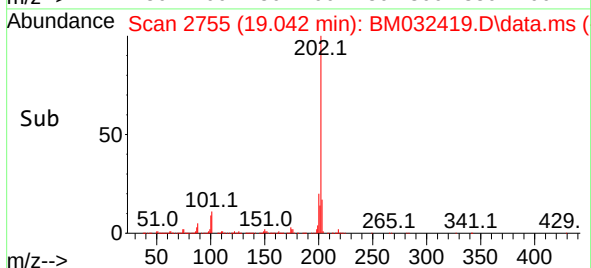
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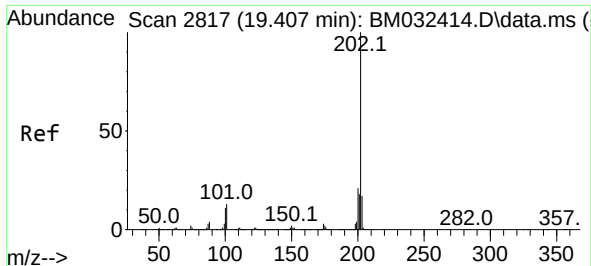


#80
Fluoranthene
Concen: 5.143 ng/ul
RT: 19.042 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57



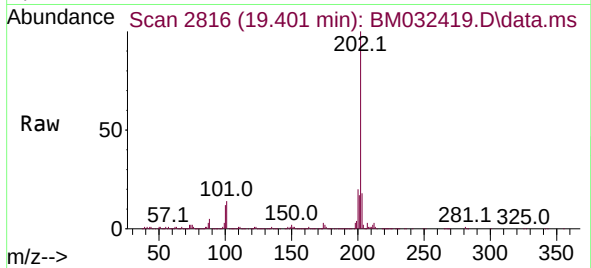
Tgt Ion:202 Resp: 406620
Ion Ratio Lower Upper
202 100
101 10.8 9.1 13.7
100 8.8 7.0 10.4





#82
Pyrene
Concen: 4.185 ng/ul
RT: 19.401 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

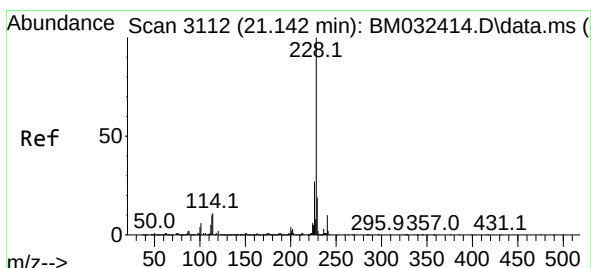
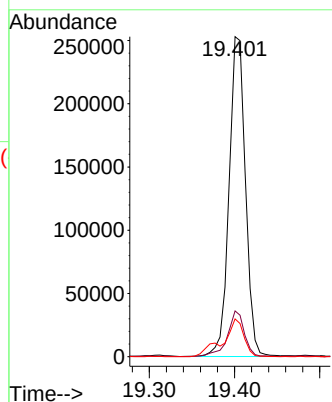
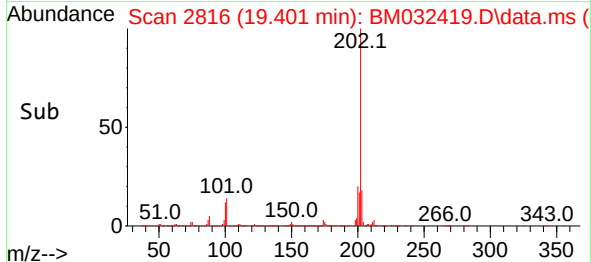
Instrument :
BNA_M
ClientSampled :
C00T0



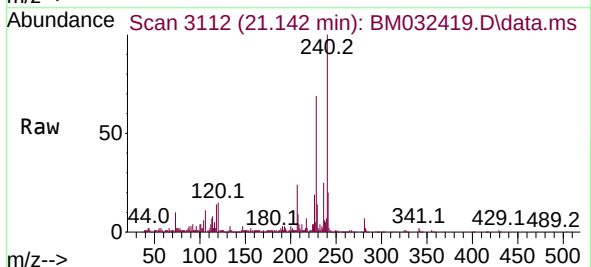
Tgt Ion:202 Resp: 339892
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.8 8.1 12.1

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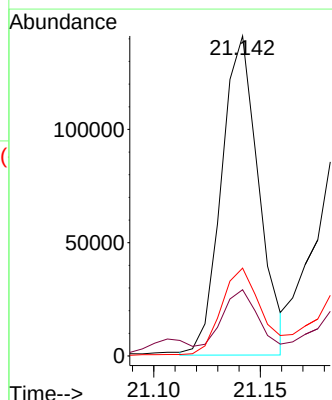
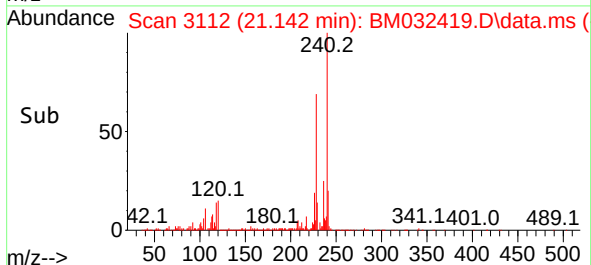
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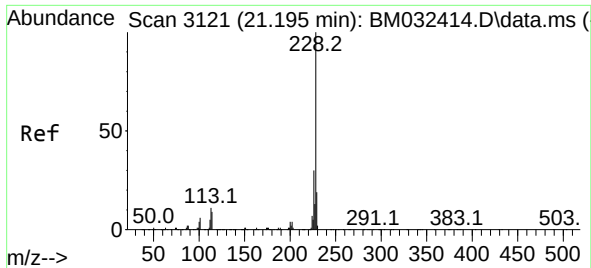


#85
Benzo(a)anthracene
Concen: 2.233 ng/ul
RT: 21.142 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57



Tgt Ion:228 Resp: 171490
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 27.5 21.8 32.6





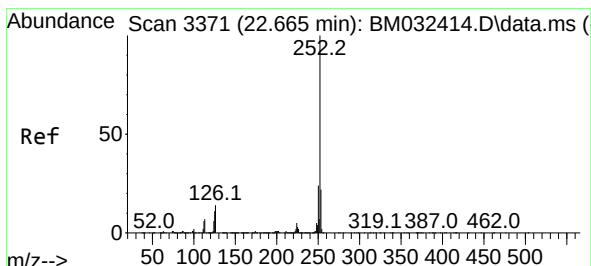
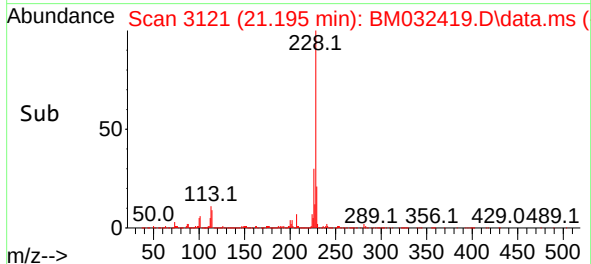
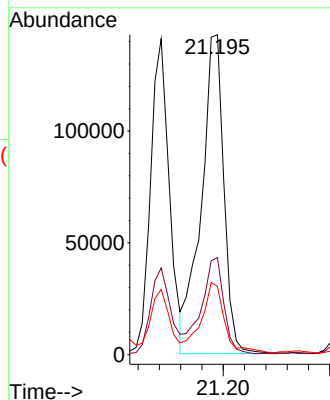
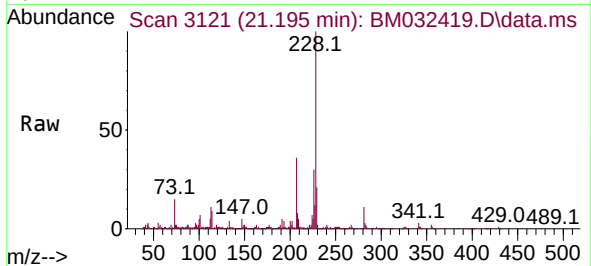
#87
Chrysene
Concen: 2.789 ng/ul
RT: 21.195 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

Tgt Ion:228 Resp: 210941
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.4 15.5 23.3

Instrument :
BNA_M
ClientSampled :
C00T0

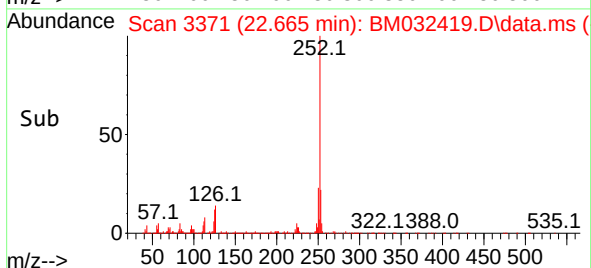
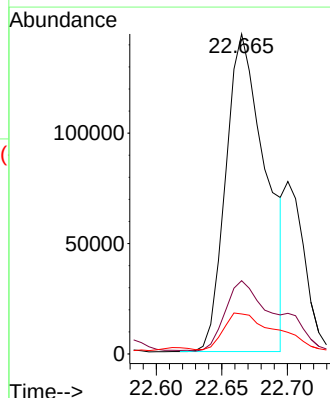
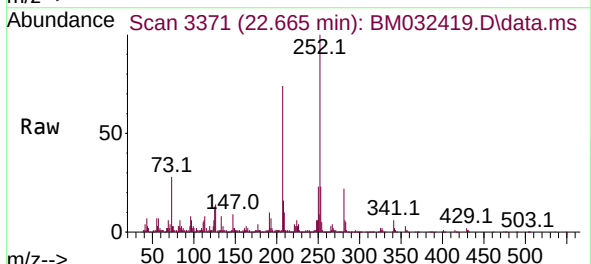
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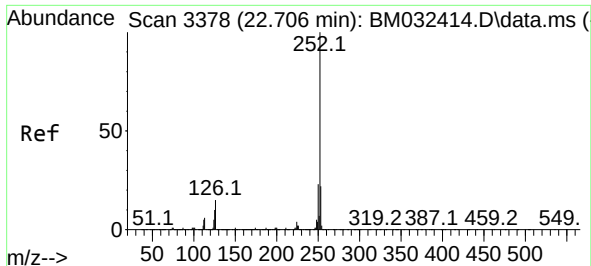
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#90
Benzo(b)fluoranthene
Concen: 3.686 ng/ul
RT: 22.665 min Scan# 3371
Delta R.T. -0.000 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

Tgt Ion:252 Resp: 305267
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 12.5 8.2 12.4#





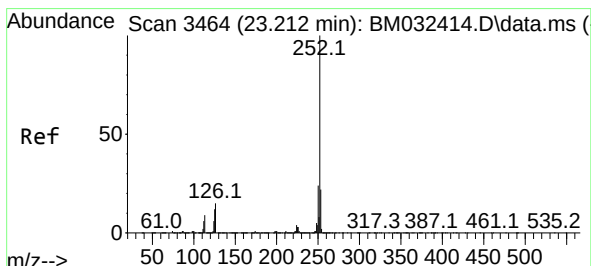
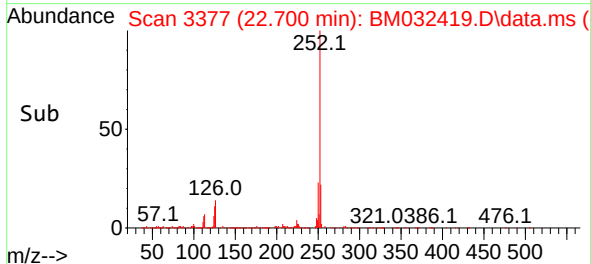
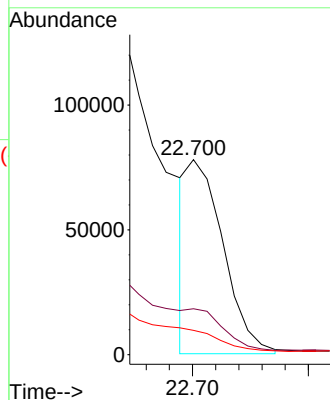
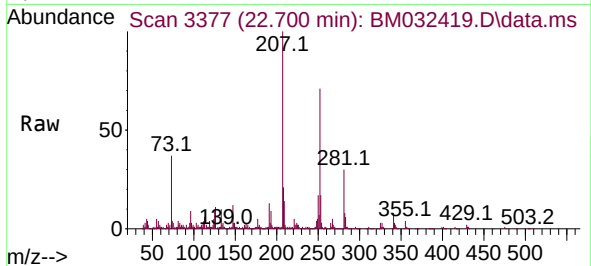
#91
Benzo(k)fluoranthene
Concen: 1.101 ng/ul m
RT: 22.700 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

Tgt Ion:252 Resp: 82692
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 12.5 8.4 12.6

Instrument :
BNA_M
ClientSampled :
C00T0

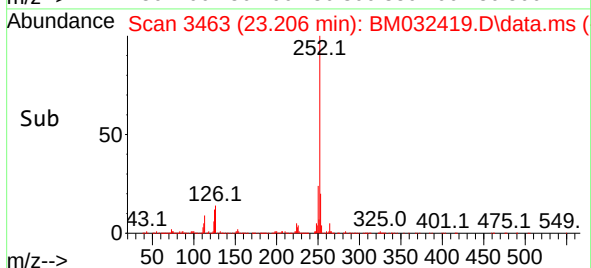
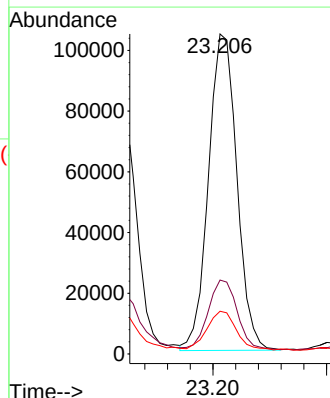
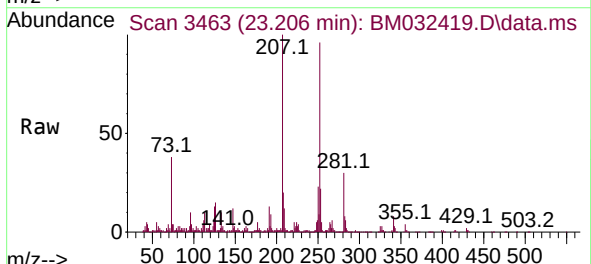
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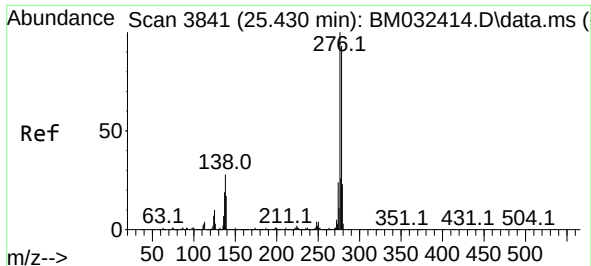
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#93
Benzo(a)pyrene
Concen: 2.314 ng/ul
RT: 23.206 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

Tgt Ion:252 Resp: 181269
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 13.3 9.2 13.8





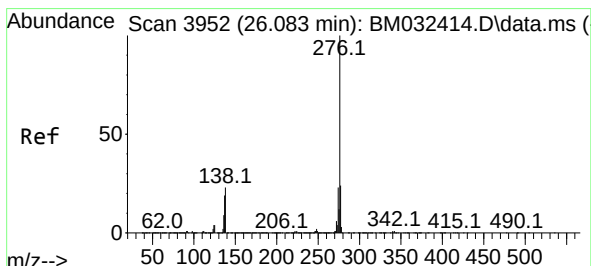
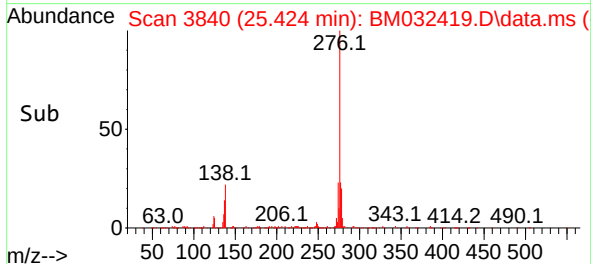
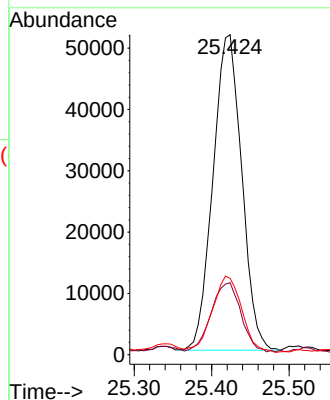
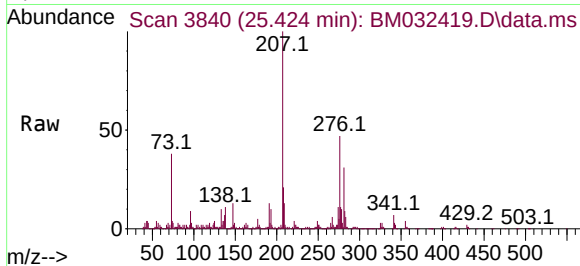
#94
Indeno(1,2,3-cd)pyrene
Concen: 1.531 ng/ul
RT: 25.424 min Scan# 3840
Delta R.T. -0.006 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

Tgt Ion: 276 Resp: 132620
Ion Ratio Lower Upper
276 100
138 22.5 21.8 32.6
277 23.8 20.4 30.6

Instrument :
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#96
Benzo(g,h,i)perylene
Concen: 1.534 ng/ul
RT: 26.071 min Scan# 3950
Delta R.T. -0.012 min
Lab File: BM032419.D
Acq: 11 Oct 2021 13:57

Tgt Ion: 276 Resp: 116263
Ion Ratio Lower Upper
276 100
138 23.6 18.6 27.8
277 26.1 19.0 28.4

