

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042822\
 Data File : BP010135.D
 Acq On : 28 Apr 2022 11:42
 Operator : CG/JU
 Sample : N2469-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFG4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 28 14:07:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	196102	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.734	136	837580	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.563	164	527810	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.316	188	986506	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.404	240	603045	20.000	ng/ul	# 0.00
88) Perylene-d12	23.857	264	586080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	12099m	2.690	ng/uL	0.00
4) Pyridine-d5	3.787	84	70265	5.554	ng/ul	0.00
7) Phenol-d5	7.093	99	245750	13.777	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	164752	15.393	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.463	132	205295	15.541	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	206814	13.994	ng/ul	-0.02
21) Nitrobenzene-d5	9.087	128	104305	15.658	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.816	143	112471	15.459	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	200664	14.168	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	161343	7.945	ng/ul	-0.01
46) Dimethylphthalate-d6	13.969	166	658729	16.044	ng/ul	-0.01
49) Acenaphthylene-d8	14.257	160	757596	15.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	62085m	8.214	ng/ul	0.00
60) Fluorene-d10	15.557	176	556176	15.748	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	59374	9.518	ng/ul	0.00
73) Anthracene-d10	17.416	188	766856	16.068	ng/ul	0.00
81) Pyrene-d10	19.645	212	759320	22.141	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.698	264	513591	16.715	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.357	178	87584	1.633	ng/ul	99
80) Fluoranthene	19.322	202	145836	3.770	ng/ul	97
82) Pyrene	19.675	202	164058	4.116	ng/ul#	95
85) Benzo(a)anthracene	21.386	228	54880	1.434	ng/ul	99
87) Chrysene	21.439	228	75407	2.001	ng/ul	97
90) Benzo(b)fluoranthene	23.110	252	78597	1.995	ng/ul#	90
93) Benzo(a)pyrene	23.745	252	53158	1.459	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.415	276	40727	1.124	ng/ul#	89
96) Benzo(g,h,i)perylene	27.204	276	40154	1.313	ng/ul#	92

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

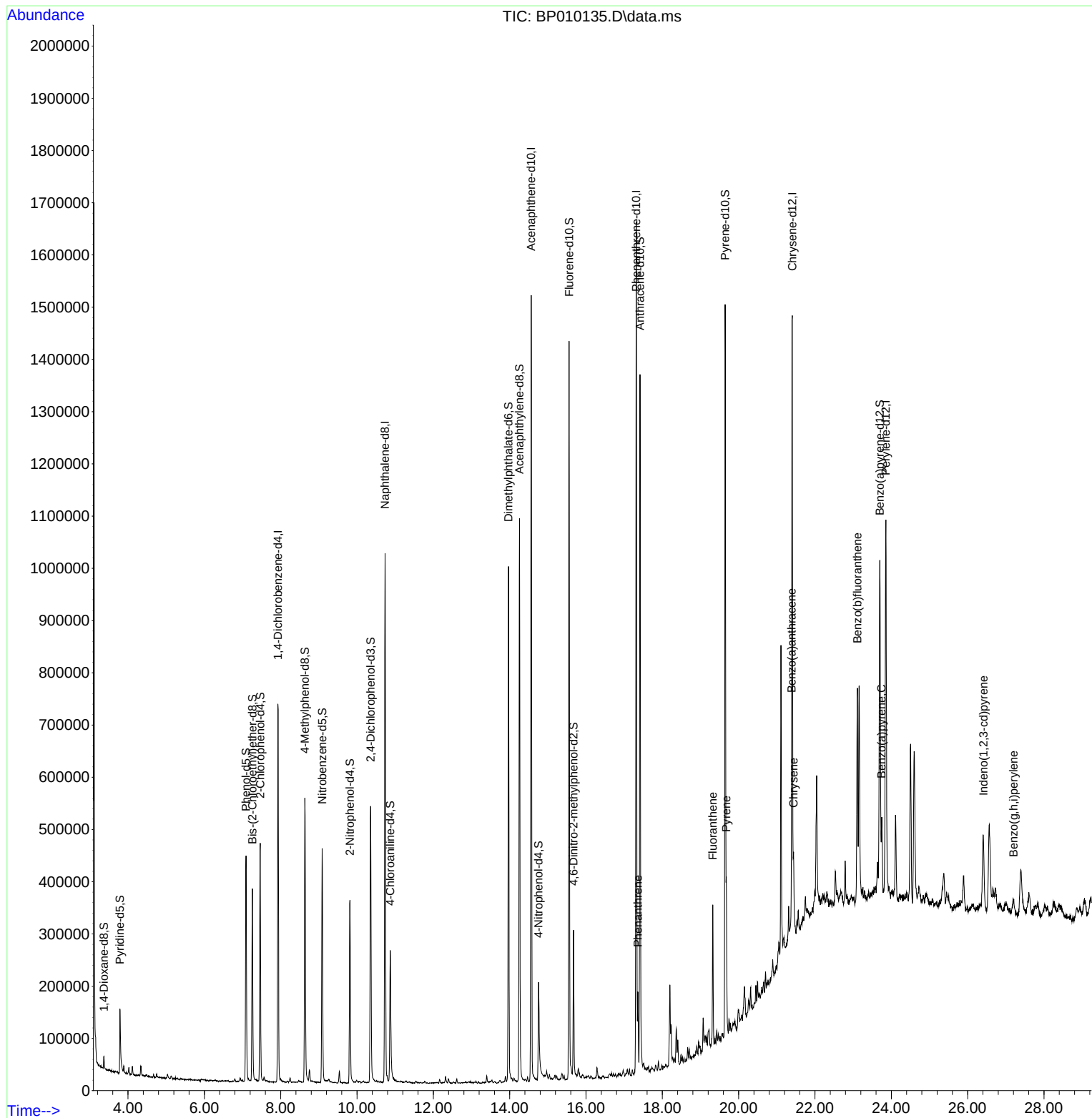
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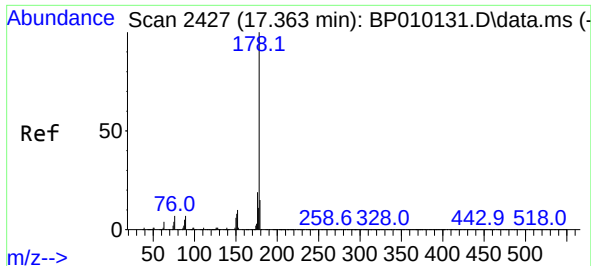
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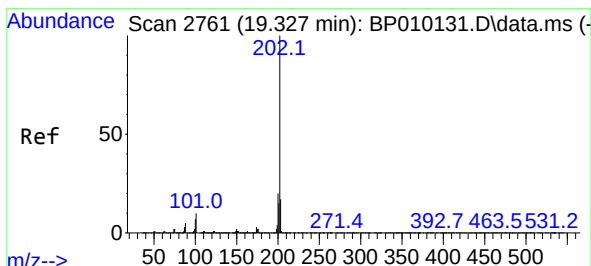
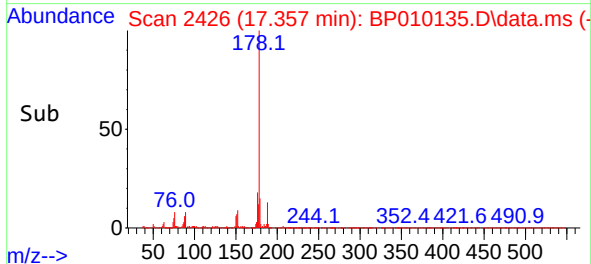
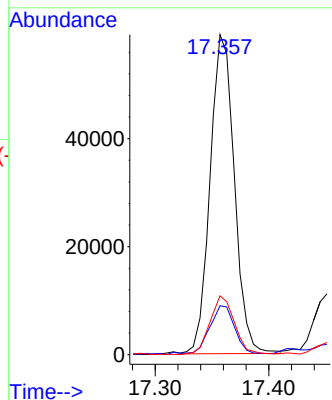
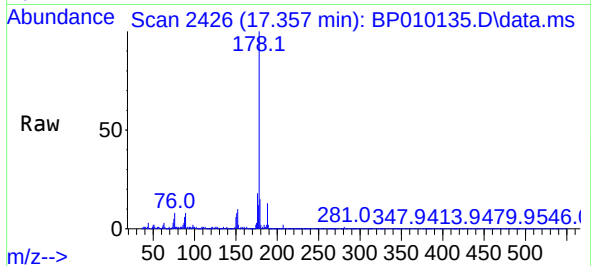
#72
Phenanthrene
Concen: 1.633 ng/u1
RT: 17.357 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

Instrument :
BNA_P
ClientSampleId :
BFFG4

Tgt Ion:178 Resp: 87584
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 18.4 14.5 21.7

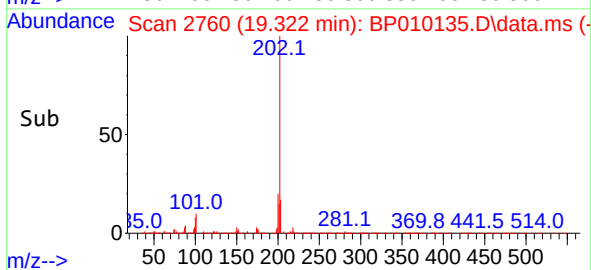
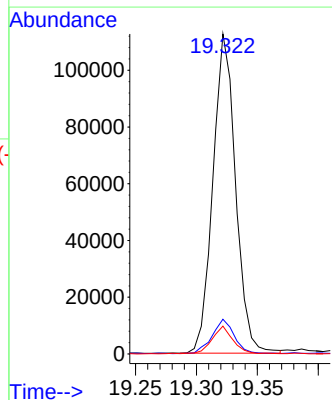
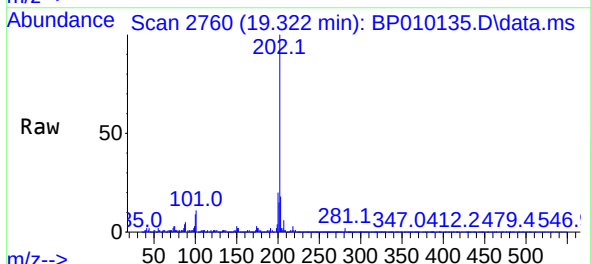
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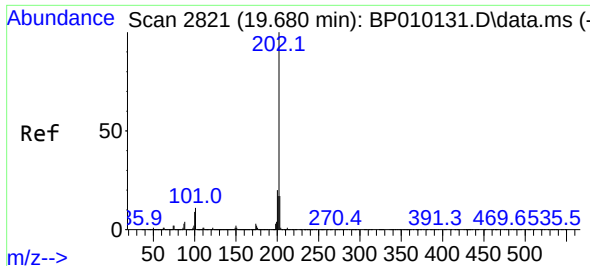
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#80
Fluoranthene
Concen: 3.770 ng/u1
RT: 19.322 min Scan# 2760
Delta R.T. -0.005 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

Tgt Ion:202 Resp: 145836
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.7 6.3 9.5





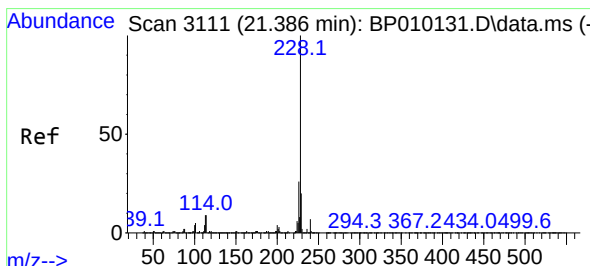
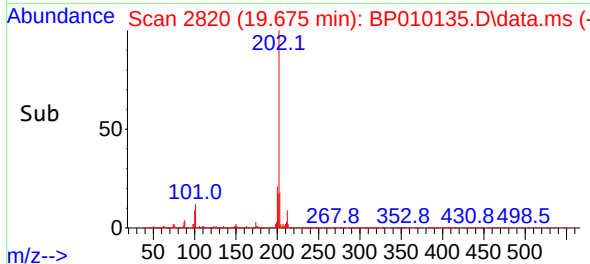
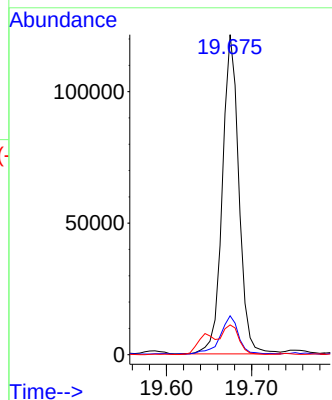
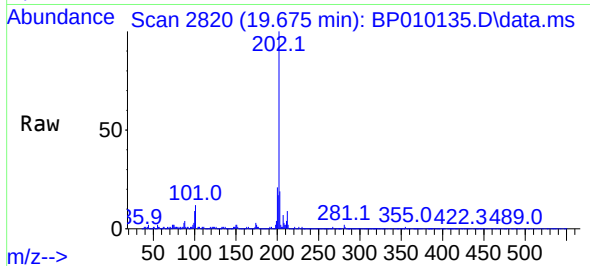
#82
Pyrene
Concen: 4.116 ng/ul
RT: 19.675 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

Instrument :
BNA_P
ClientSampleId :
BFFG4

Tgt Ion:202 Resp: 164058
Ion Ratio Lower Upper
202 100
101 12.2 10.6 15.8
100 9.3 9.8 14.6

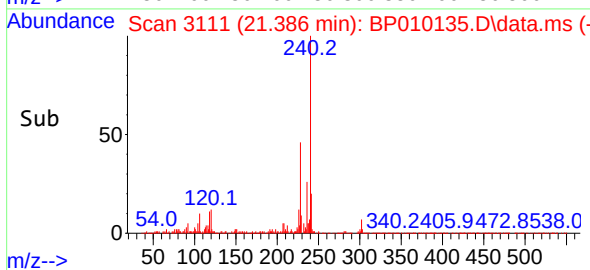
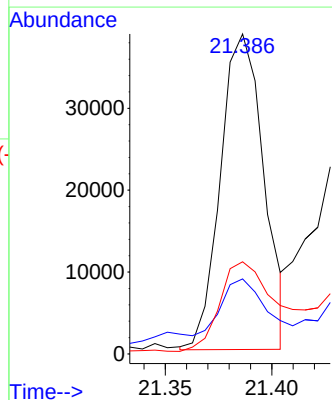
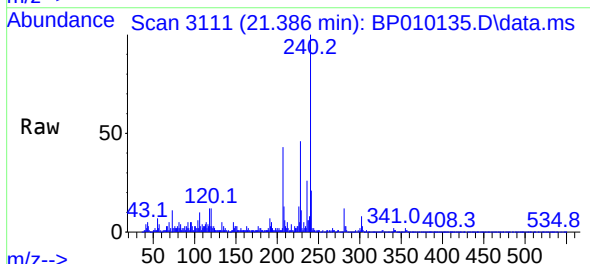
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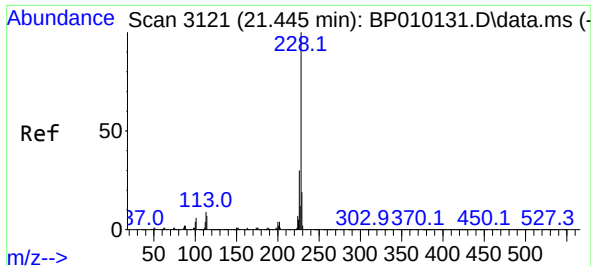
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#85
Benzo(a)anthracene
Concen: 1.434 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

Tgt Ion:228 Resp: 54880
Ion Ratio Lower Upper
228 100
229 23.5 18.2 27.2
226 28.8 22.8 34.2





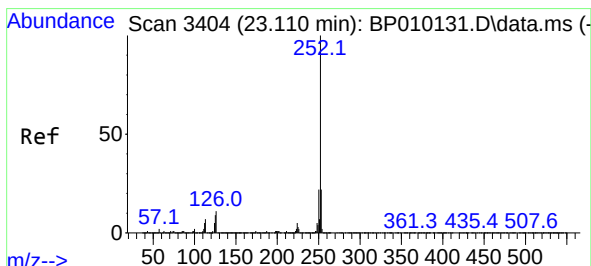
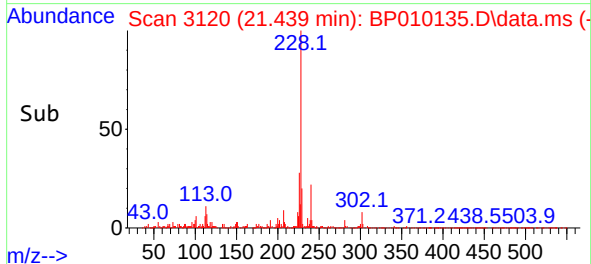
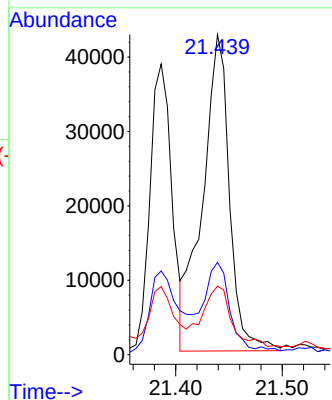
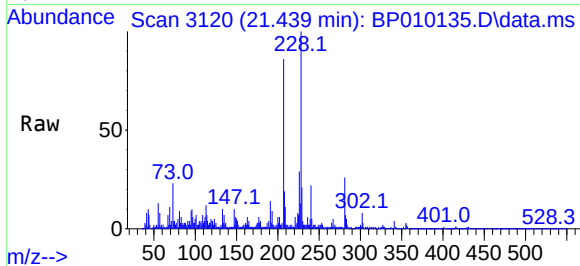
#87
Chrysene
Concen: 2.001 ng/u1
RT: 21.439 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

Instrument :
BNA_P
ClientSampleId :
BFFG4

Tgt Ion:228 Resp: 7540
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 21.4 15.2 22.8

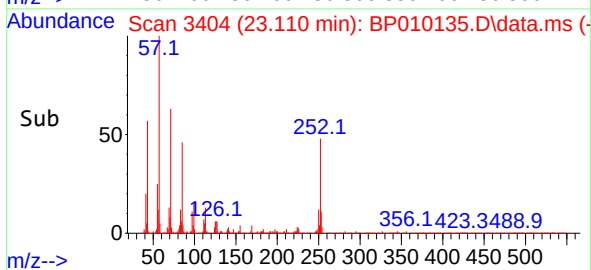
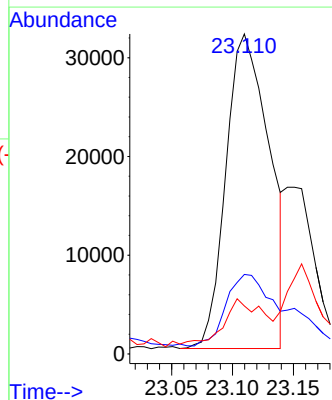
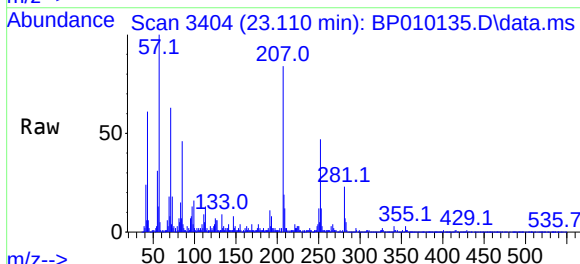
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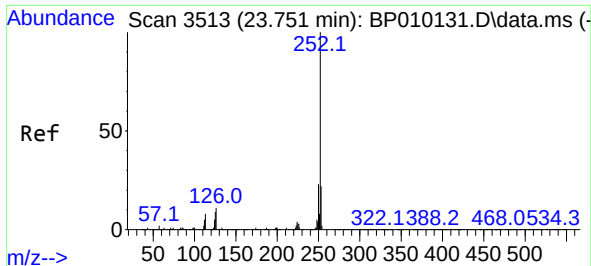
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#90
Benzo(b)fluoranthene
Concen: 1.995 ng/u1
RT: 23.110 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

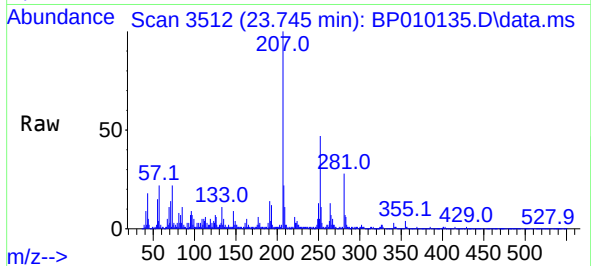
Tgt Ion:252 Resp: 78597
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 15.0 7.3 10.9#





#93
Benzo(a)pyrene
Concen: 1.459 ng/ul
RT: 23.745 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

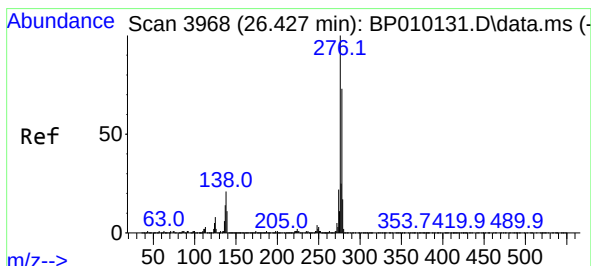
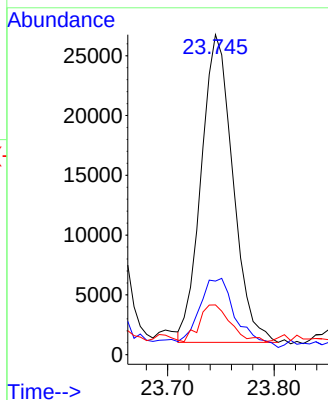
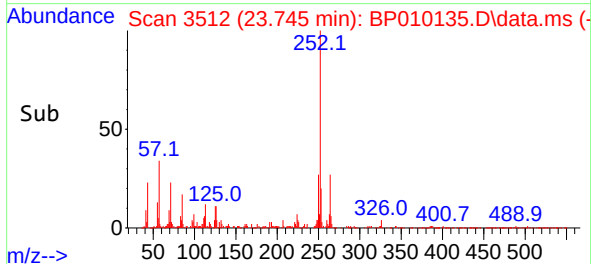
Instrument :
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BFFG4



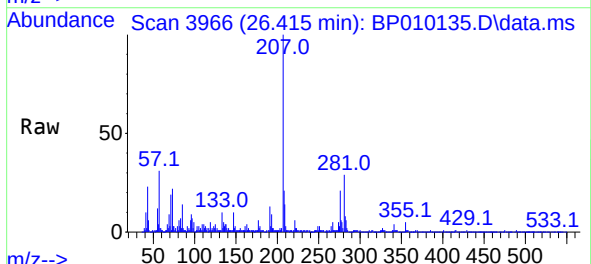
Tgt Ion: 252 Resp: 53158
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 15.5 6.4 9.6

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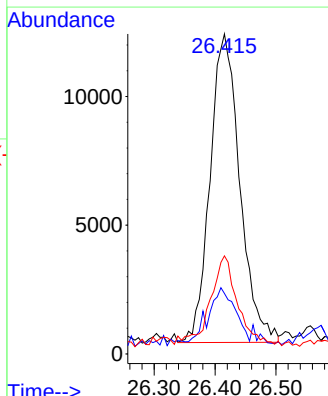
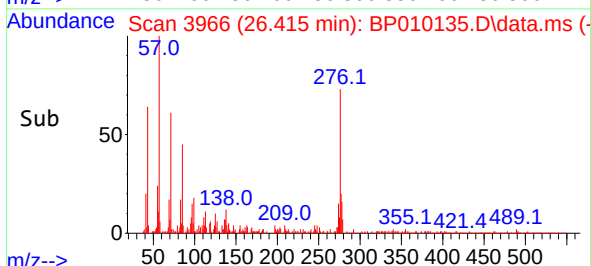
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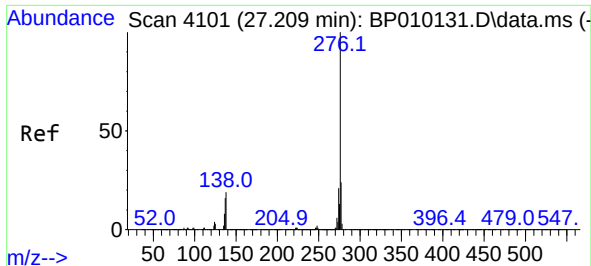


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.124 ng/ul
RT: 26.415 min Scan# 3966
Delta R.T. -0.012 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42



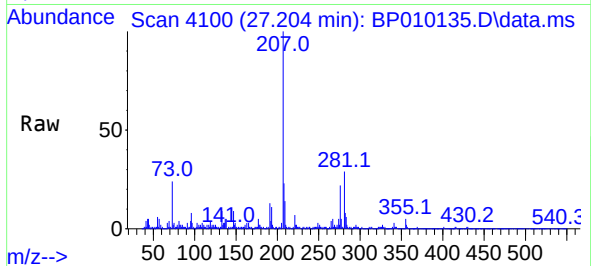
Tgt Ion: 276 Resp: 40727
Ion Ratio Lower Upper
276 100
138 18.9 12.3 18.5#
277 30.6 19.3 28.9#





#96
Benzo(g,h,i)perylene
Concen: 1.313 ng/ul
RT: 27.204 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP010135.D
Acq: 28 Apr 2022 11:42

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 40154
Ion Ratio Lower Upper
276 100
138 21.4 11.6 17.4
277 21.0 15.9 23.9

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