

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 14:47
 Operator : CG/JU
 Sample : 02664-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREB3

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 19 22:37:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	301250	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1279333	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	852010	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1920063	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1675731	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1613547	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	14317	1.847	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	7.275	99	292537	10.459	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	180205	11.155	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	225749	10.977	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	180549	8.101	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	105085	10.453	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	118972	10.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	220824	10.940	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	106994	3.583	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	803428	12.479	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	906841	12.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	98112	7.848	ng/u1	0.00
60) Fluorene-d10	15.751	176	725448	13.353	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	92960	7.682	ng/u1	0.00
73) Anthracene-d10	17.616	188	1099406	12.504	ng/u1	0.00
81) Pyrene-d10	19.833	212	1343002	13.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1042900	13.020	ng/u1	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.958	105	143889	4.136	ng/u1	97
71) Pentachlorophenol	17.163	266	26268	1.797	ng/u1	96
80) Fluoranthene	19.510	202	497226	4.197	ng/u1	100
82) Pyrene	19.863	202	568977	4.651	ng/u1	100
85) Benzo(a)anthracene	21.575	228	182430m	1.574	ng/u1	
87) Chrysene	21.627	228	588964	5.317	ng/u1	98
90) Benzo(b)fluoranthene	23.363	252	674717	6.596	ng/u1#	96
91) Benzo(k)fluoranthene	23.410	252	193759m	1.973	ng/u1	
93) Benzo(a)pyrene	24.033	252	187014	2.068	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	26.857	276	173894	1.485	ng/u1#	95
96) Benzo(g,h,i)perylene	27.692	276	203162	2.128	ng/u1	97

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

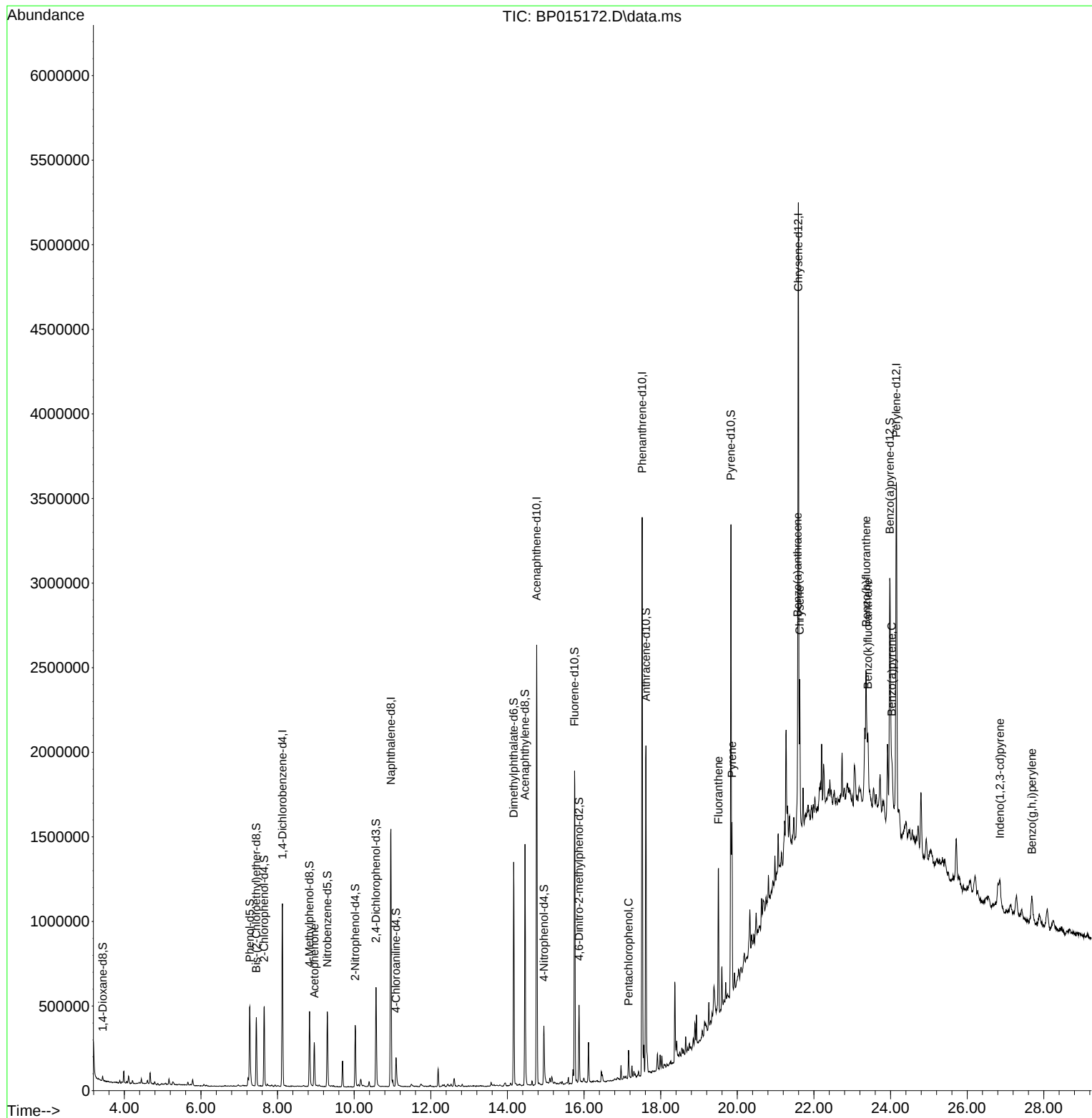
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
Data File : BP015172.D
Acq On : 19 May 2023 14:47
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Sample : 02664-07
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ALS Vial : 9 Sample Multiplier: 1

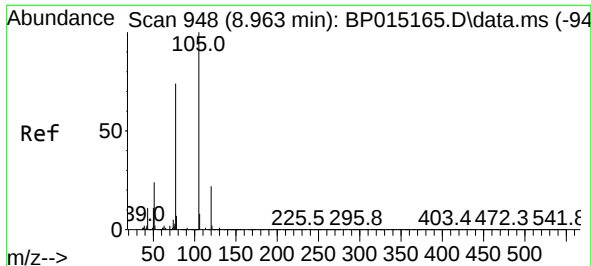
Instrument :
BNA_P
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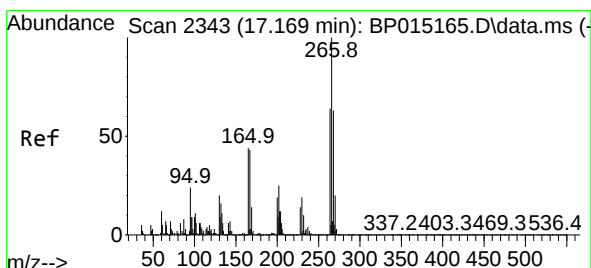
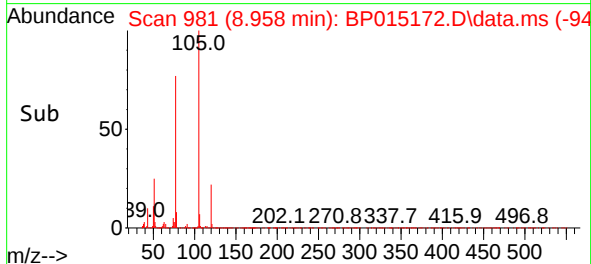
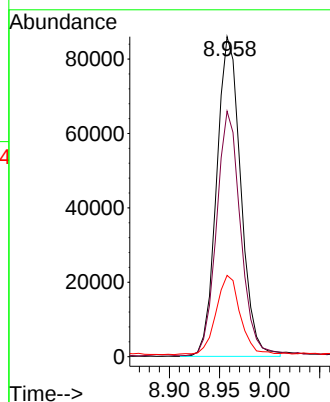
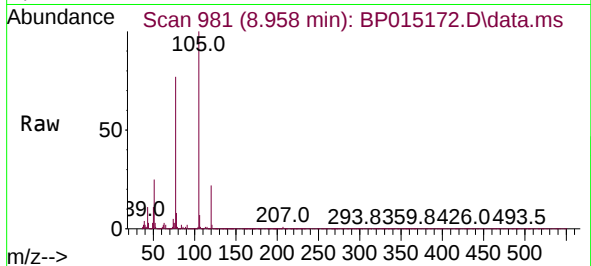
#16
Acetophenone
Concen: 4.136 ng/ul
RT: 8.958 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

Instrument :
BNA_P
ClientSampleId :
JREB3

Tgt Ion:105 Resp: 143889
Ion Ratio Lower Upper
105 100
77 76.7 59.4 89.2
51 25.4 19.2 28.8

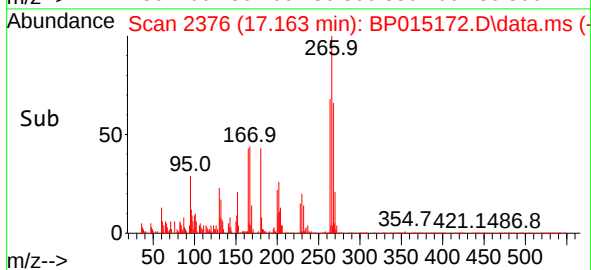
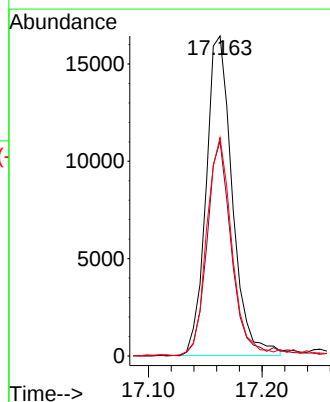
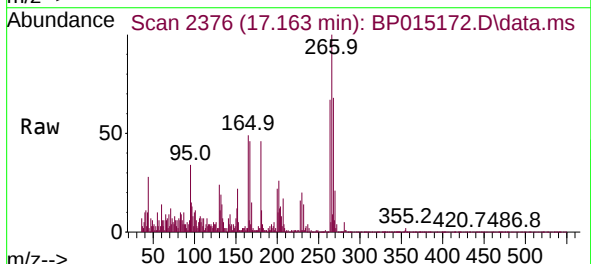
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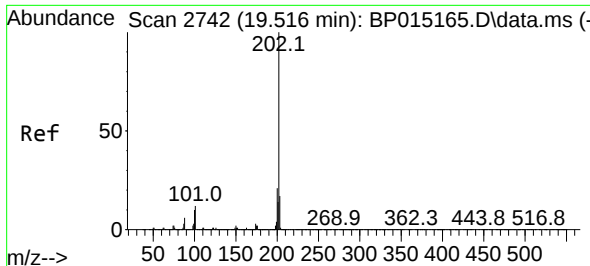
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#71
Pentachlorophenol
Concen: 1.797 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

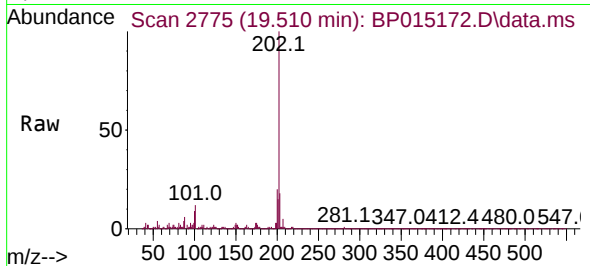
Tgt Ion:266 Resp: 26268
Ion Ratio Lower Upper
266 100
264 67.1 51.0 76.4
268 68.2 51.8 77.6





#80
Fluoranthene
Concen: 4.197 ng/ul
RT: 19.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

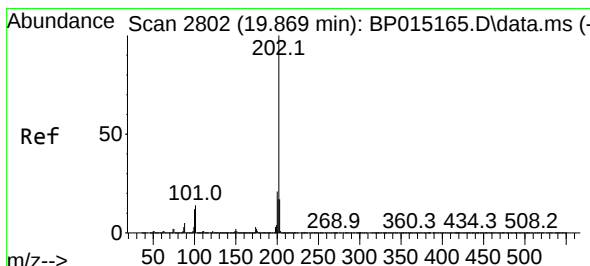
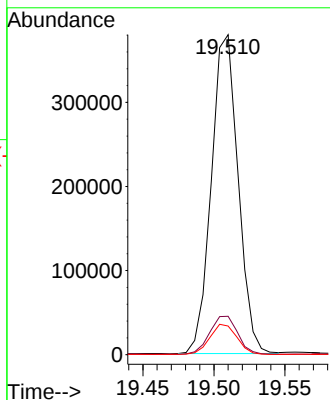
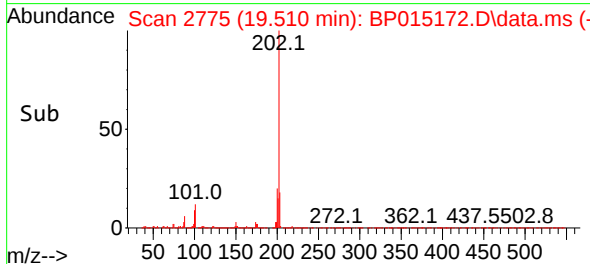
Instrument :
BNA_P
ClientSampleId :
JREB3



Tgt Ion:202 Resp: 497220
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 8.9 7.3 10.9

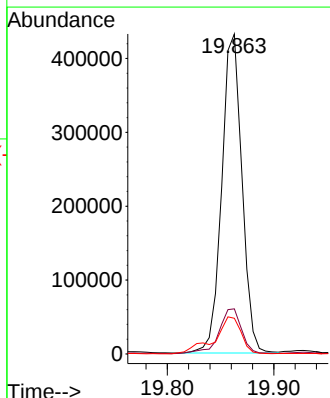
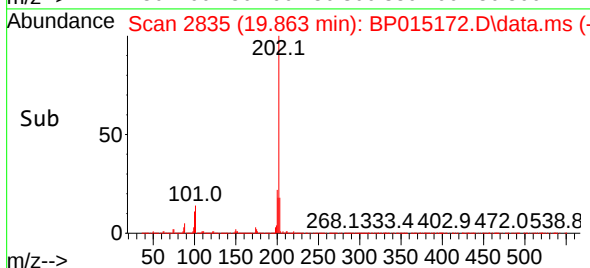
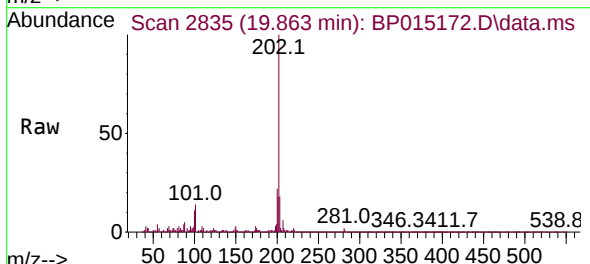
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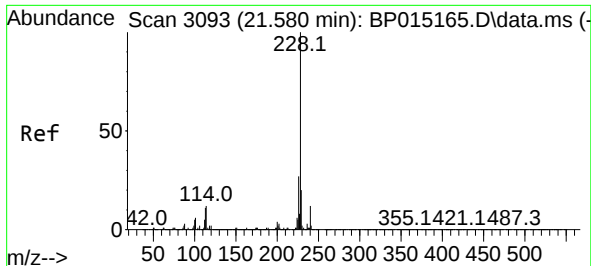
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#82
Pyrene
Concen: 4.651 ng/ul
RT: 19.863 min Scan# 2835
Delta R.T. -0.006 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

Tgt Ion:202 Resp: 568977
Ion Ratio Lower Upper
202 100
101 14.1 11.2 16.8
100 11.2 9.0 13.6





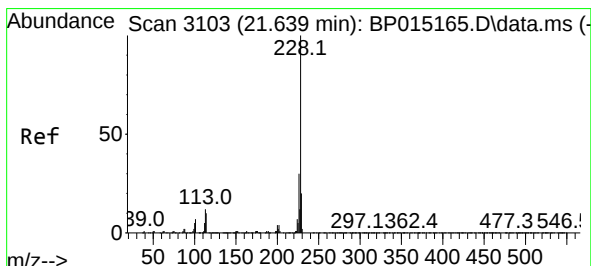
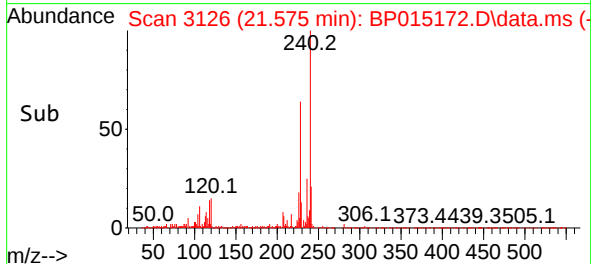
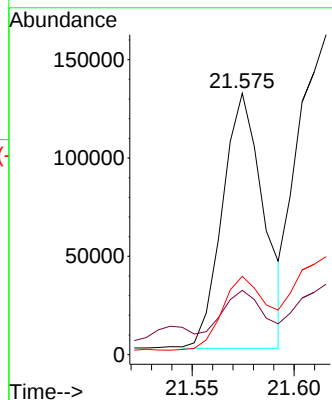
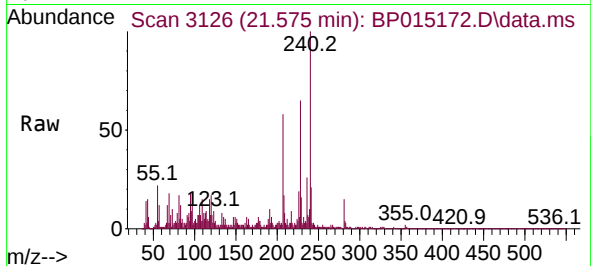
#85
Benzo(a)anthracene
Concen: 1.574 ng/ul m
RT: 21.575 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

Instrument :
BNA_P
ClientSampleId :
JREB3

Tgt Ion:228 Resp: 182430
Ion Ratio Lower Upper
228 100
229 24.6 16.1 24.1
226 30.0 21.9 32.9

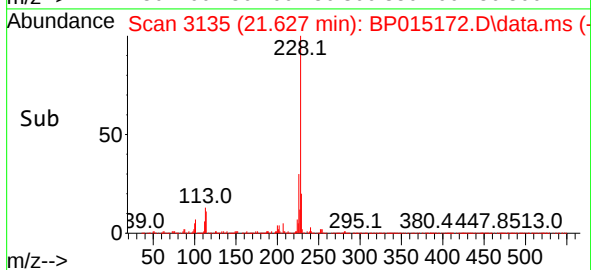
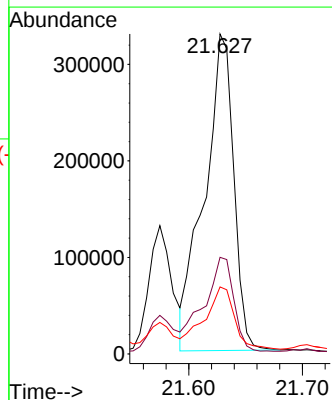
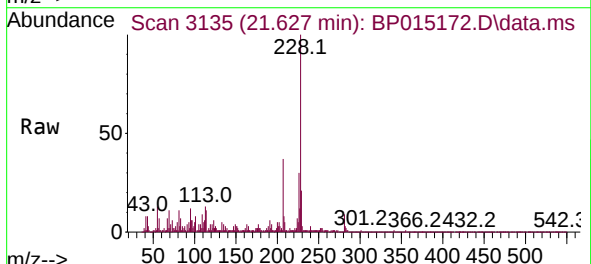
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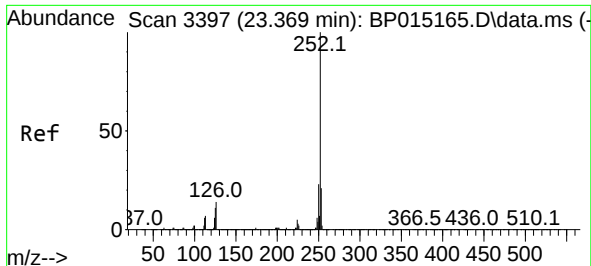
Reviewed By :Christian Giraldo 05/22/2023
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#87
Chrysene
Concen: 5.317 ng/ul
RT: 21.627 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

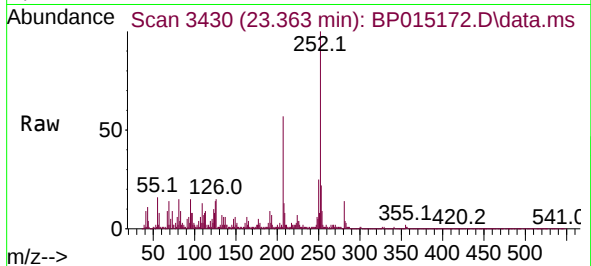
Tgt Ion:228 Resp: 588964
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 21.0 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 6.596 ng/ul
RT: 23.363 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47

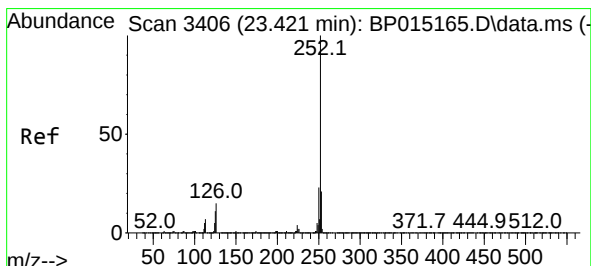
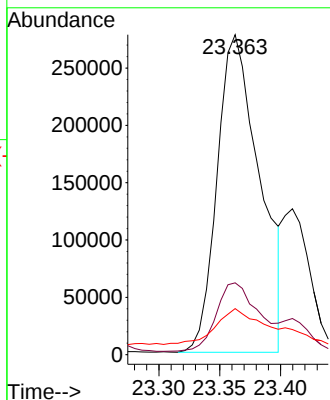
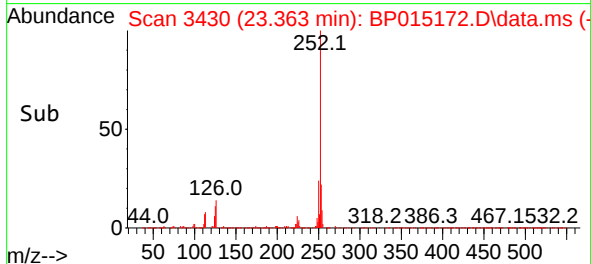
Instrument :
BNA_P
ClientSampleId :
JREB3



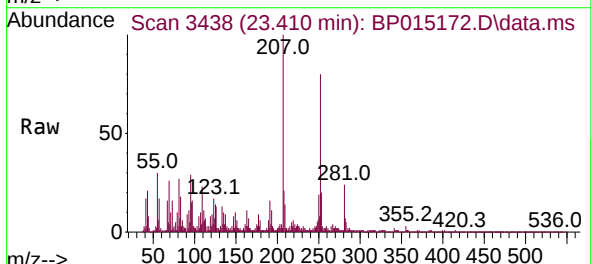
Tgt Ion:252 Resp: 67471
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.4 8.3 12.5

Manual Integrations
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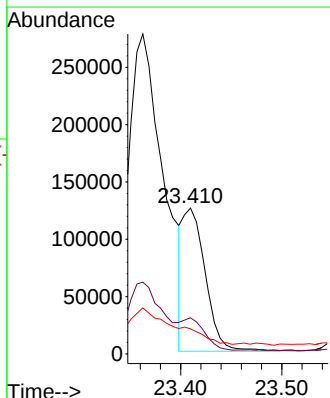
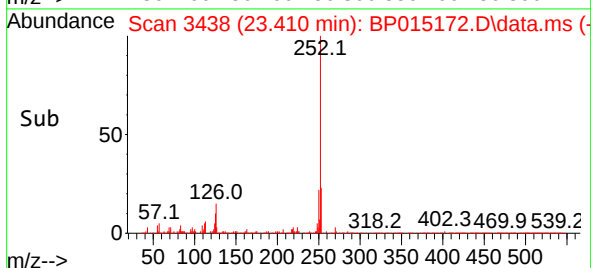
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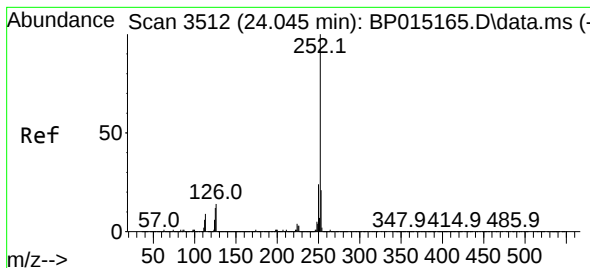


#91
Benzo(k)fluoranthene
Concen: 1.973 ng/ul m
RT: 23.410 min Scan# 3438
Delta R.T. -0.012 min
Lab File: BP015172.D
Acq: 19 May 2023 14:47



Tgt Ion:252 Resp: 193759
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 17.3 8.5 12.7





#93

Benzo(a)pyrene

Concen: 2.068 ng/ul

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015172.D

Acq: 19 May 2023 14:47

Instrument :

BNA_P

ClientSampleId :

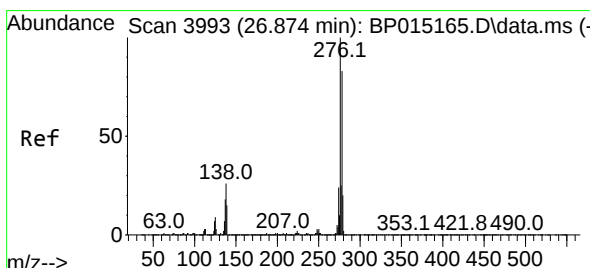
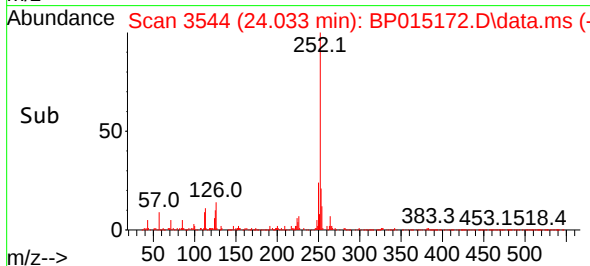
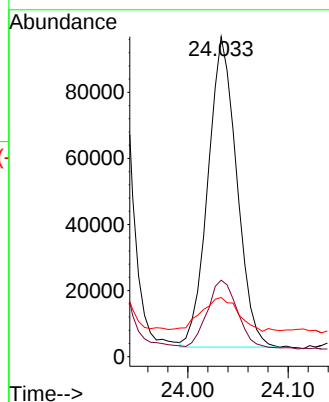
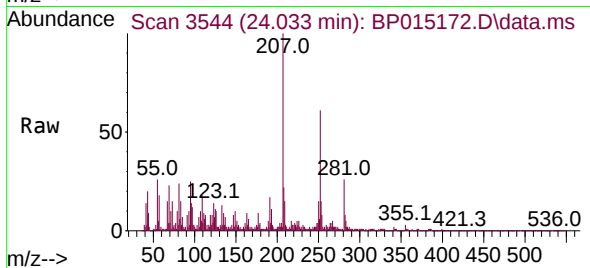
JREB3

Tgt Ion:	252	Resp:	187014
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	18.5	9.1	13.7

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.485 ng/ul

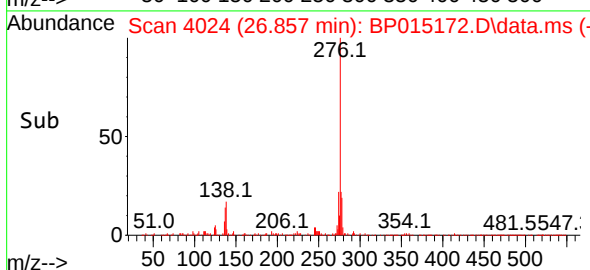
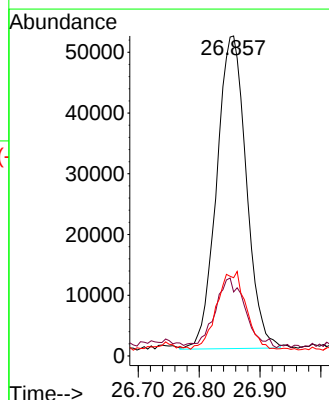
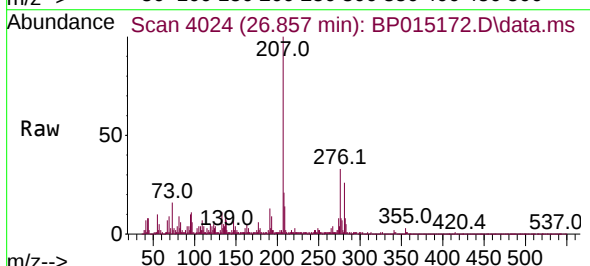
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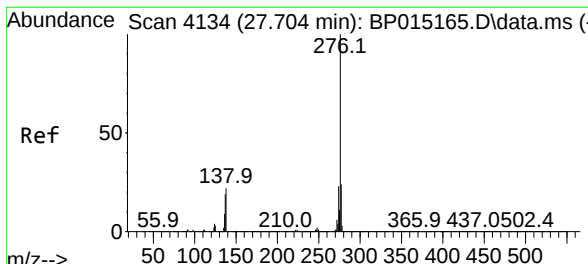
Delta R.T. -0.012 min

Lab File: BP015172.D

Acq: 19 May 2023 14:47

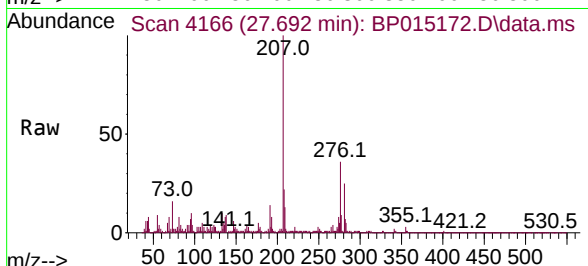
Tgt Ion:	276	Resp:	173894
Ion Ratio	Lower	Upper	
276	100		
138	20.0	20.1	30.1
277	24.4	19.8	29.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.128 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. -0.012 min
 Lab File: BP015172.D
 Acq: 19 May 2023 14:47

Instrument :
 BNA_P
 ClientSampleId :
 JREB3



Tgt Ion: 276 Resp: 203162

Ion	Ratio	Lower	Upper
276	100		
138	24.3	17.7	26.5
277	24.0	18.8	28.2

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