

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072721\
 Data File : BP006367.D
 Acq On : 27 Jul 2021 16:25
 Operator : CG/JU
 Sample : M3084-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0029

Manual Integrations
 APPROVED

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 7/28/2021 11:33:49 AM

Quant Time: Jul 27 17:16:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	278468	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1172235	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.410	164	688397	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	1351546	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1331543	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	1386041	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	23728	3.181	ng/uL	0.00
4) Pyridine-d5	3.711	84	143435	6.477	ng/u1	0.00
7) Phenol-d5	6.958	99	414695	15.856	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	270602	16.629	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	330193	16.994	ng/u1	-0.01
15) 4-Methylphenol-d8	8.493	113	288650	14.035	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	156730	17.956	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.657	143	153260	18.389	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	267172	16.359	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	330835	12.305	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	948293	19.355	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1134200	18.842	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	111590	11.471	ng/u1	0.00
60) Fluorene-d10	15.404	176	806414	19.579	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	86533	11.485	ng/u1	-0.01
73) Anthracene-d10	17.263	188	1175884	19.273	ng/u1	0.00
81) Pyrene-d10	19.510	212	1351822	19.738	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.463	264	1357304	19.270	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.616	128	62092	1.021	ng/u1	98
72) Phenanthrene	17.210	178	521836	7.190	ng/u1	100
74) Anthracene	17.298	178	87305	1.186	ng/u1	99
80) Fluoranthene	19.180	202	486288	5.762	ng/u1	98
82) Pyrene	19.533	202	363135	4.147	ng/u1	98
85) Benzo(a)anthracene	21.251	228	185335	2.246	ng/u1	96
87) Chrysene	21.298	228	205734m	2.601	ng/u1	
90) Benzo(b)fluoranthene	22.898	252	205835	2.338	ng/u1	98
93) Benzo(a)pyrene	23.504	252	137558	1.788	ng/u1	96

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

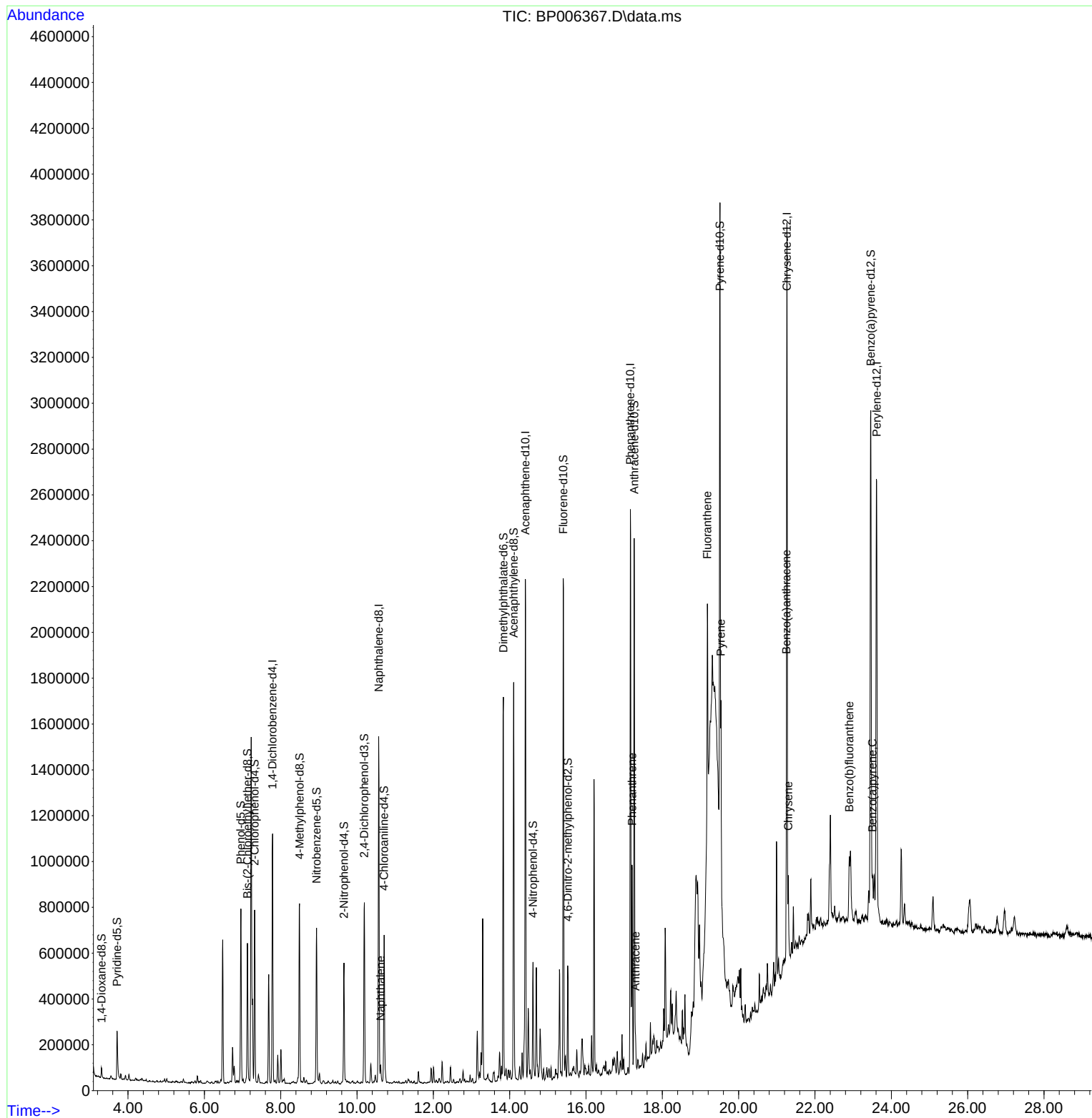
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072721\
Data File : BP006367.D
Acq On : 27 Jul 2021 16:25
Operator : CG/JU
Sample : M3084-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

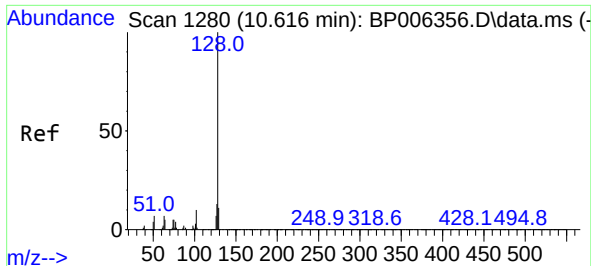
Instrument :
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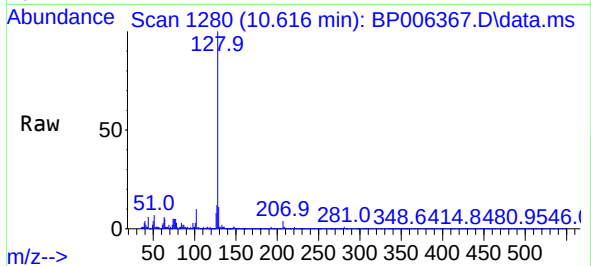
Quant Time: Jul 27 17:16:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.021 ng/ul
RT: 10.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25

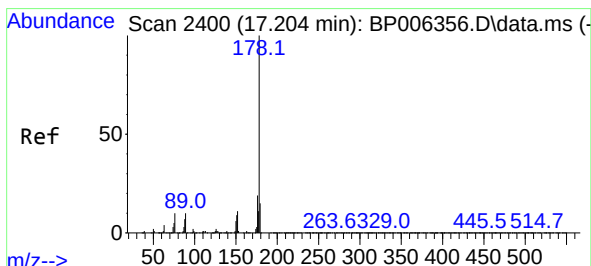
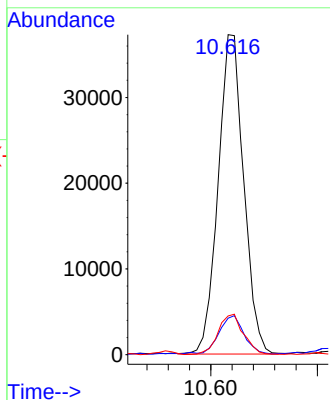
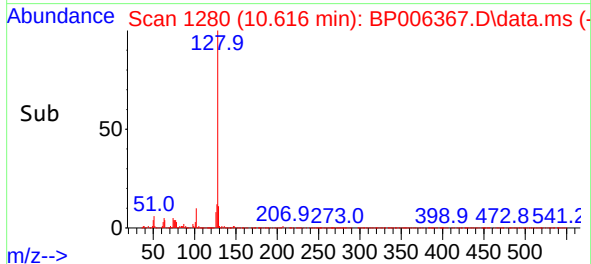
Instrument :
BNA_P
ClientSampled :
C0029



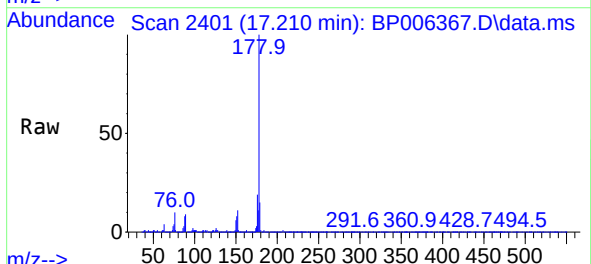
Tgt Ion:128 Resp: 62092
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 12.1 10.7 16.1

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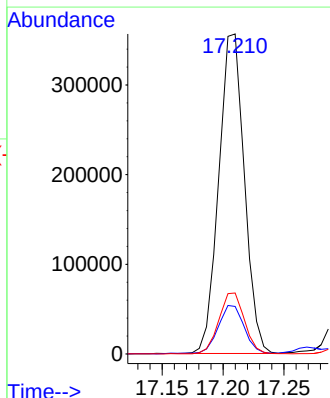
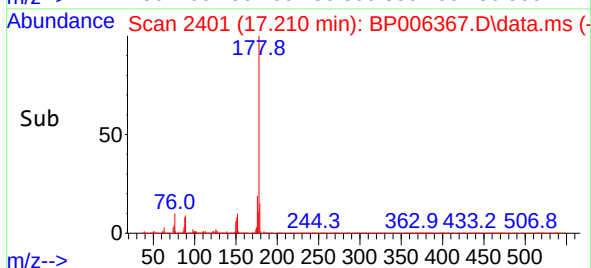
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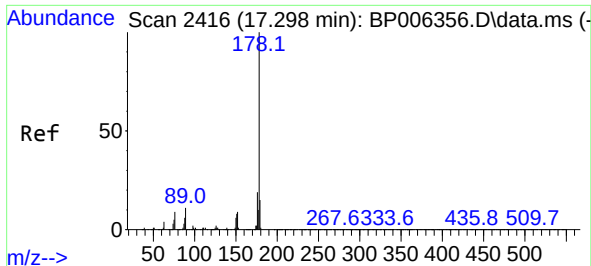


#72
Phenanthrene
Concen: 7.190 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25



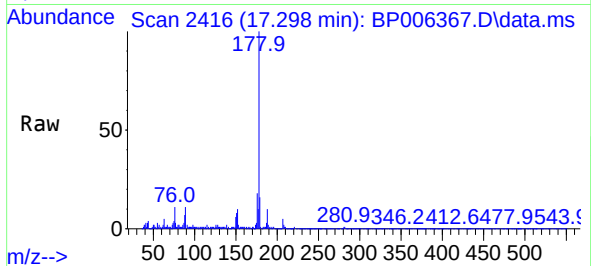
Tgt Ion:178 Resp: 521836
Ion Ratio Lower Upper
178 100
179 14.8 12.0 18.0
176 19.0 15.0 22.6





#74
 Anthracene
 Concen: 1.186 ng/ul
 RT: 17.298 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BP006367.D
 Acq: 27 Jul 2021 16:25

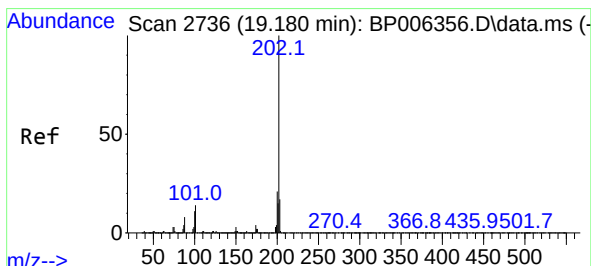
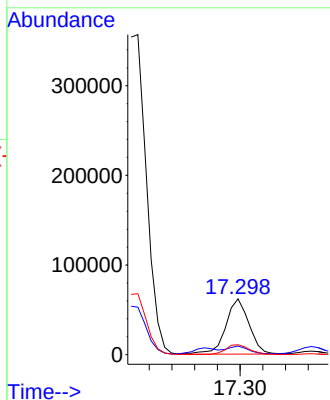
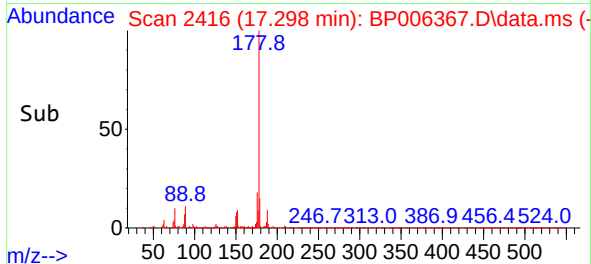
Instrument :
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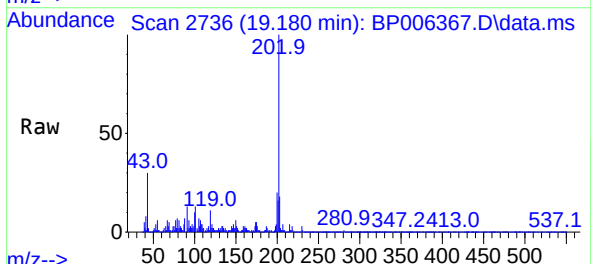
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 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.4
 176 17.8 14.8 22.2

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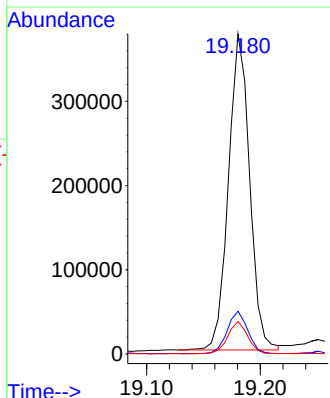
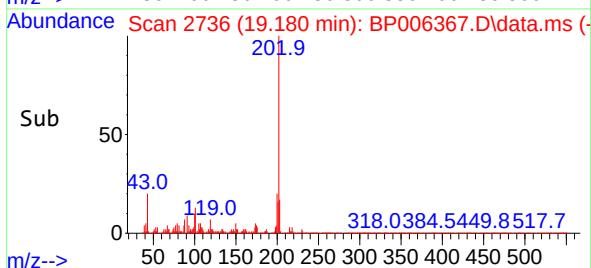
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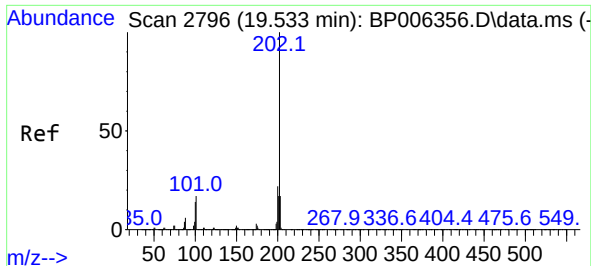


#80
 Fluoranthene
 Concen: 5.762 ng/ul
 RT: 19.180 min Scan# 2736
 Delta R.T. -0.006 min
 Lab File: BP006367.D
 Acq: 27 Jul 2021 16:25



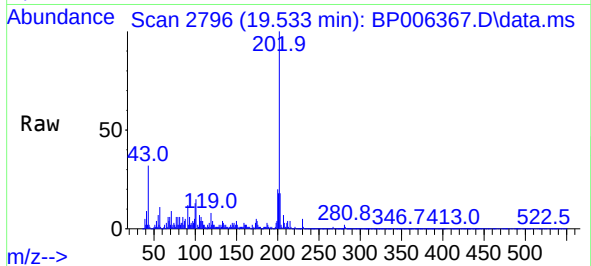
Tgt Ion:202 Resp: 486288
 Ion Ratio Lower Upper
 202 100
 101 13.3 11.0 16.6
 100 10.2 8.8 13.2





#82
Pyrene
Concen: 4.147 ng/ul
RT: 19.533 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25

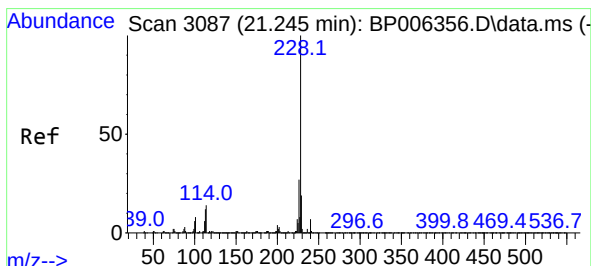
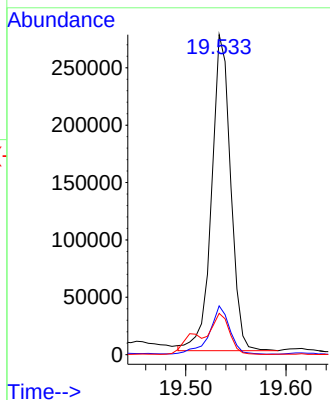
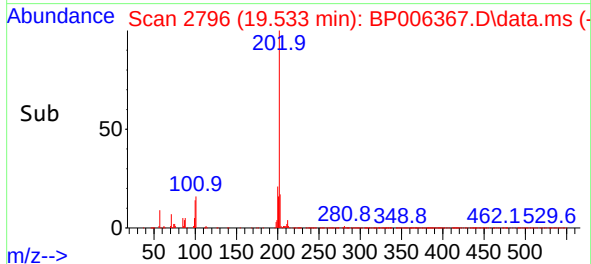
Instrument :
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ClientSampled :
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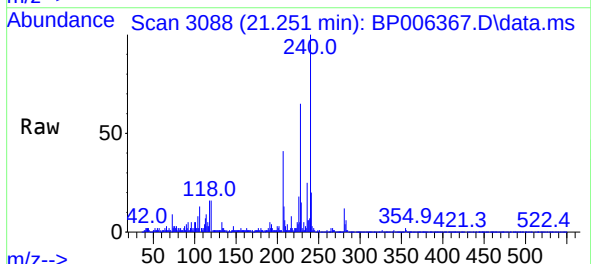
Tgt Ion:202 Resp: 363135
Ion Ratio Lower Upper
202 100
101 15.2 13.0 19.4
100 12.9 11.0 16.4

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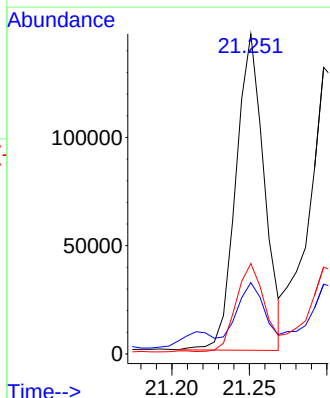
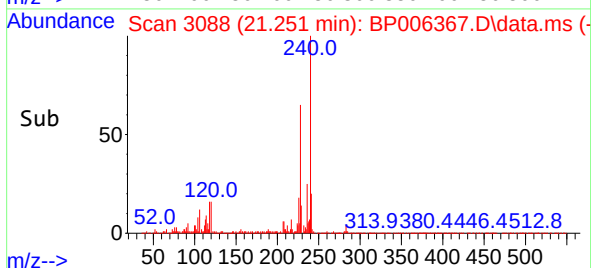
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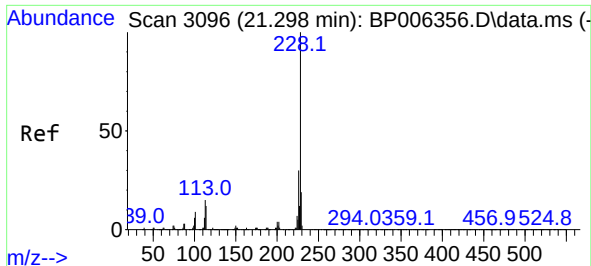


#85
Benzo(a)anthracene
Concen: 2.246 ng/ul
RT: 21.251 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25



Tgt Ion:228 Resp: 185335
Ion Ratio Lower Upper
228 100
229 22.3 15.9 23.9
226 28.2 21.6 32.4





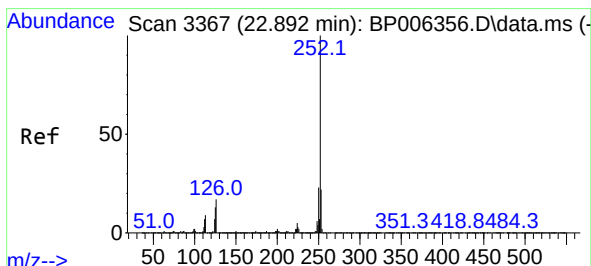
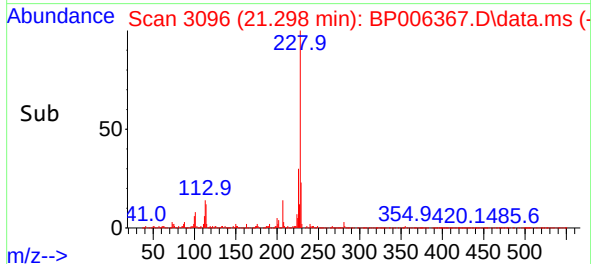
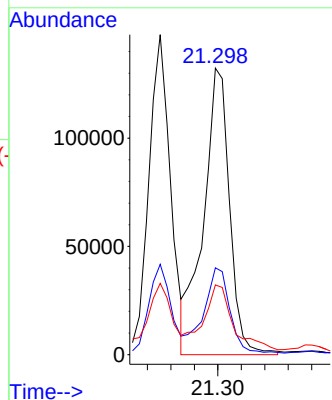
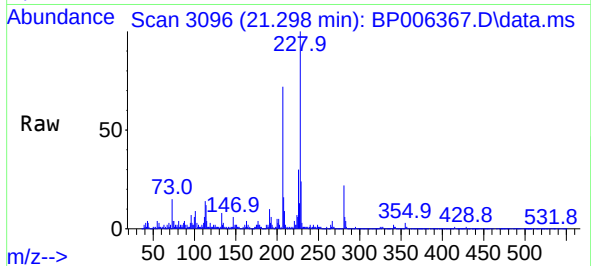
#87
Chrysene
Concen: 2.601 ng/ul m
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25

Tgt Ion:228 Resp: 205734
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 24.3 15.8 23.6#

Instrument :
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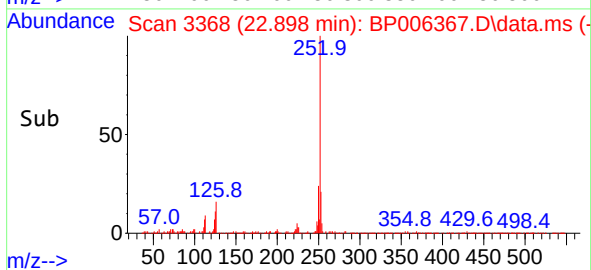
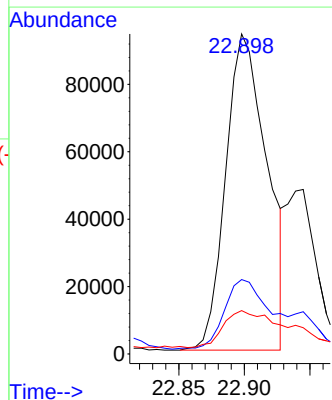
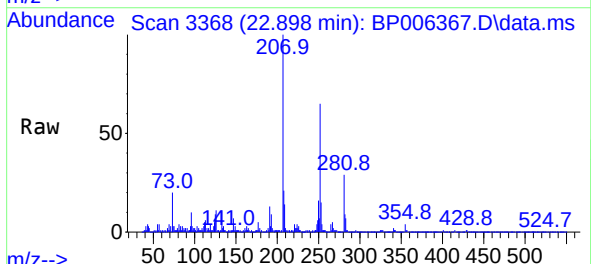
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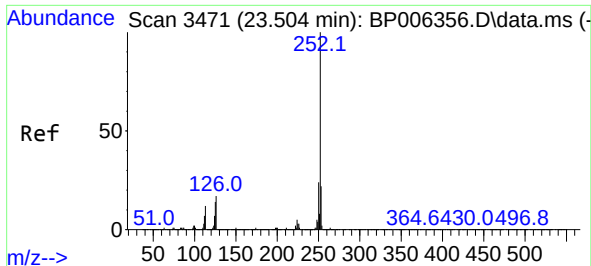
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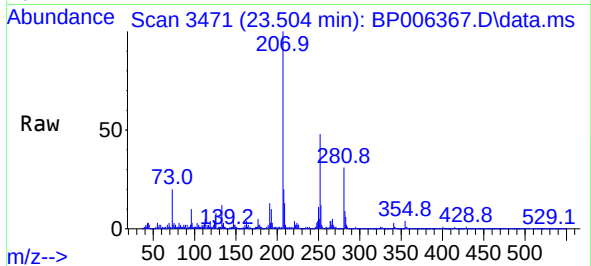
#90
Benzo(b)fluoranthene
Concen: 2.338 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25

Tgt Ion:252 Resp: 205835
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 13.5 10.6 16.0



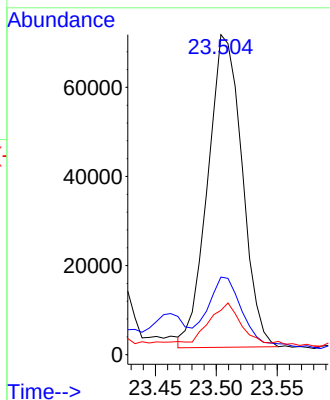
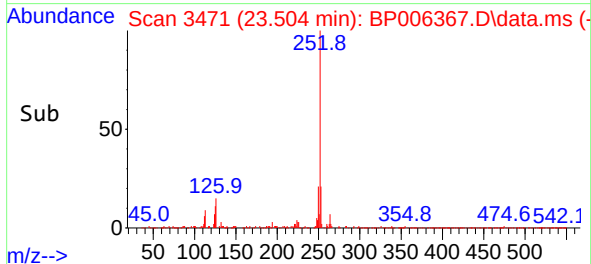


#93
Benzo(a)pyrene
Concen: 1.788 ng/ul
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP006367.D
Acq: 27 Jul 2021 16:25



Tgt Ion: 252 Resp: 137558

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	13.9	11.8	17.8



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