

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023568.D
 Acq On : 23 Dec 2024 18:24
 Operator : RC/JU
 Sample : P5333-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2917

Manual Integrations
 APPROVED

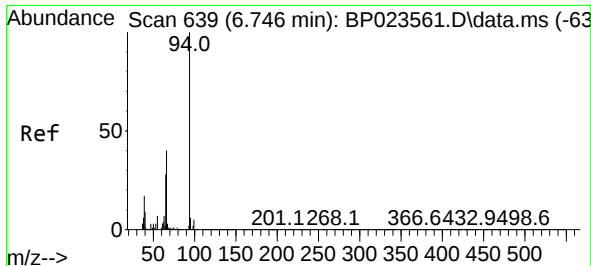
Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 04:37:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	88560	20.000	ng/ul	0.02
20) Naphthalene-d8	10.275	136	327137	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.151	164	226602	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.963	188	484281	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	541504	20.000	ng/ul	# 0.00
88) Perylene-d12	24.568	264	614490	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	9163	3.809	ng/uL	0.00
4) Pyridine-d5	3.505	84	105593	17.071	ng/ul	0.02
7) Phenol-d5	6.746	99	149275	21.483	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.875	67	97575	22.257	ng/ul	0.02
11) 2-Chlorophenol-d4	7.075	132	111330	21.708	ng/ul	0.02
15) 4-Methylphenol-d8	8.257	113	98070	17.487	ng/ul	0.02
21) Nitrobenzene-d5	8.681	128	51042	20.894	ng/ul	0.02
24) 2-Nitrophenol-d4	9.387	143	62904	22.343	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.946	165	116733	19.645	ng/ul	0.02
31) 4-Chloroaniline-d4	10.451	131	102100m	15.338	ng/ul	0.03
46) Dimethylphthalate-d6	13.569	166	399068	22.686	ng/ul	0.01
49) Acenaphthylene-d8	13.839	160	400053	21.561	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	49894m	23.145	ng/ul	0.04
60) Fluorene-d10	15.163	176	305996	19.776	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.351	200	33831m	11.559	ng/ul	0.01
73) Anthracene-d10	17.063	188	482769	21.843	ng/ul	0.00
81) Pyrene-d10	19.451	212	540339	19.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.368	264	439477	13.360	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.775	94	11753	1.625	ng/ul	94
72) Phenanthrene	17.004	178	71113	2.840	ng/ul	98
80) Fluoranthene	19.104	202	159870	4.932	ng/ul#	91
82) Pyrene	19.480	202	153003	4.448	ng/ul#	93
85) Benzo(a)anthracene	21.374	228	89703m	2.470	ng/ul	
87) Chrysene	21.433	228	96345	2.769	ng/ul	94
90) Benzo(b)fluoranthene	23.586	252	139254	3.607	ng/ul#	91
91) Benzo(k)fluoranthene	23.645	252	48930m	1.274	ng/ul	
93) Benzo(a)pyrene	24.427	252	102100	2.917	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.180	276	76605	1.703	ng/ul#	92
96) Benzo(g,h,i)perylene	29.297	276	82860m	2.406	ng/ul	

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



#8

Phenol

Concen: 1.625 ng/ul

RT: 6.775 min Scan# 644

Delta R.T. 0.029 min

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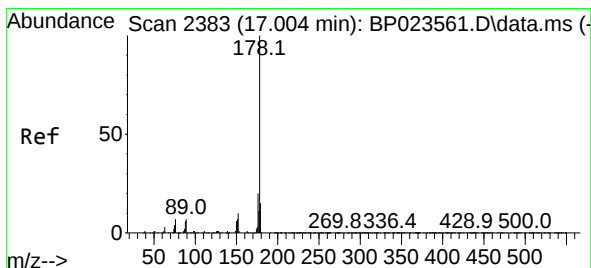
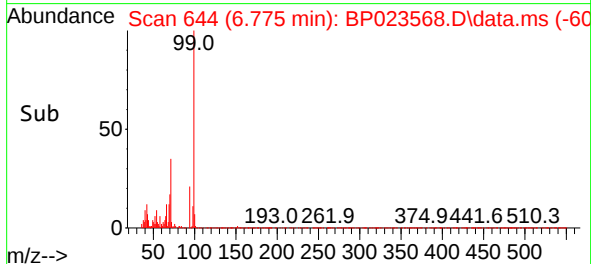
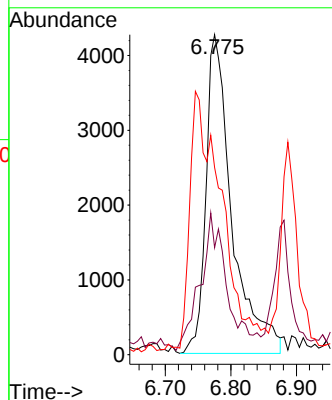
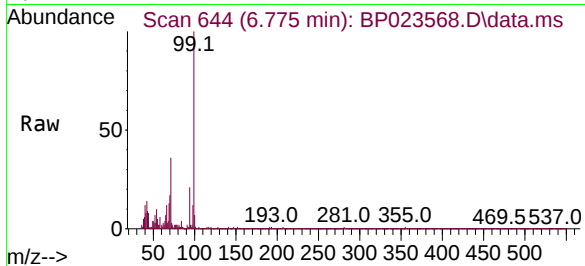
Tgt Ion: 94	Resp: 1175
Ion Ratio	Lower Upper
94 100	
65 33.5	28.0 42.0
66 58.5	42.0 63.0

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#72

Phenanthrene

Concen: 2.840 ng/ul

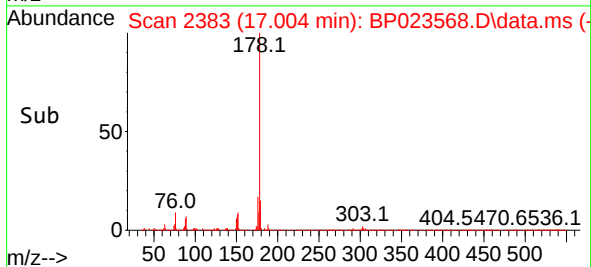
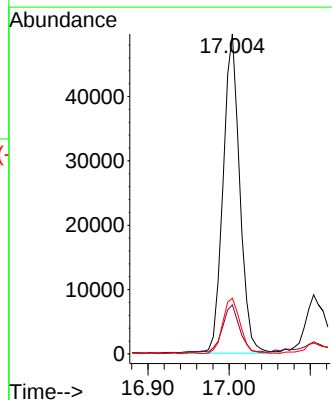
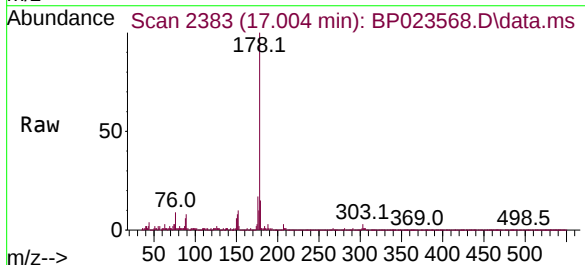
RT: 17.004 min Scan# 2383

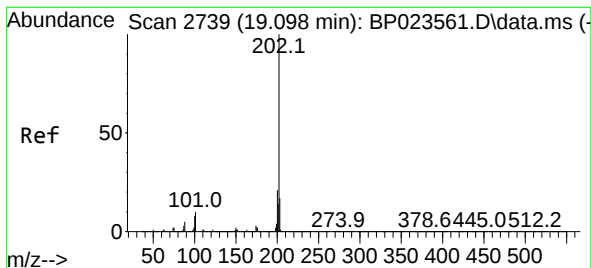
Delta R.T. -0.000 min

Lab File: BP023568.D

Acq: 23 Dec 2024 18:24

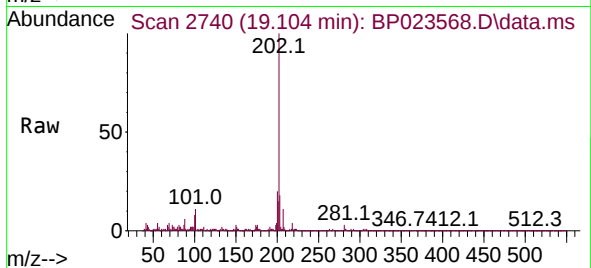
Tgt Ion:178	Resp: 71113
Ion Ratio	Lower Upper
178 100	
179 15.3	12.1 18.1
176 17.4	15.4 23.0





#80
Fluoranthene
Concen: 4.932 ng/ul
RT: 19.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP023568.D
Acq: 23 Dec 2024 18:24

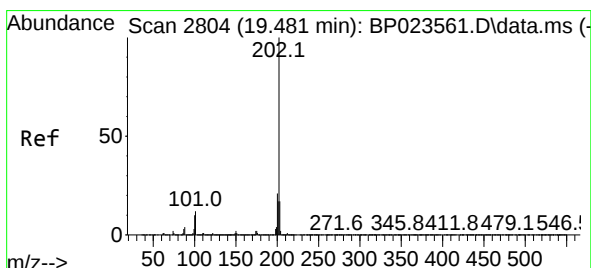
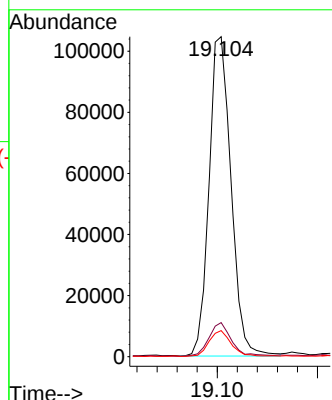
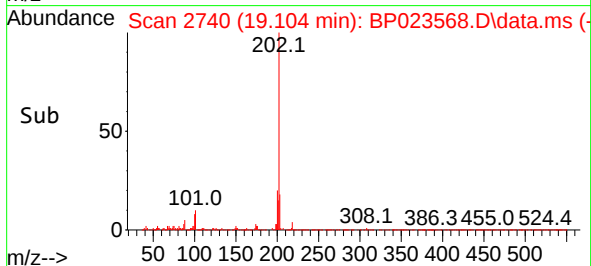
Instrument :
BNA_P
ClientSampleId :
E2917



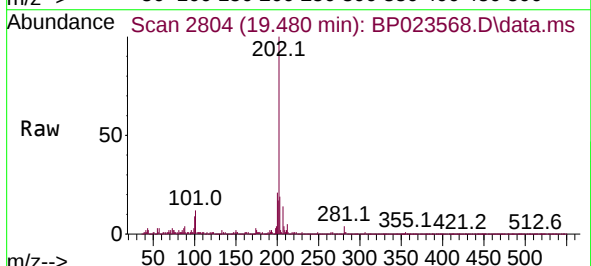
Tgt Ion:202 Resp: 159870
Ion Ratio Lower Upper
202 100
101 10.7 5.6 8.4#
100 8.1 4.6 7.0#

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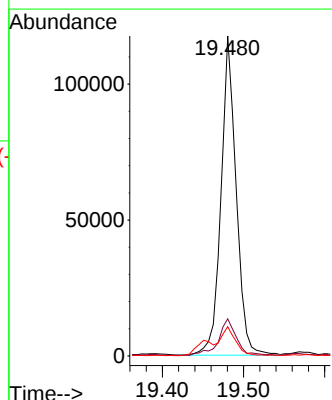
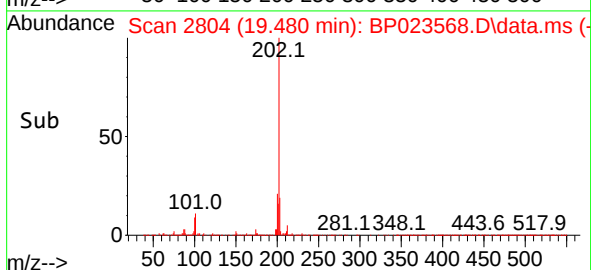
Reviewed By :Yogesh Patel 12/24/2024
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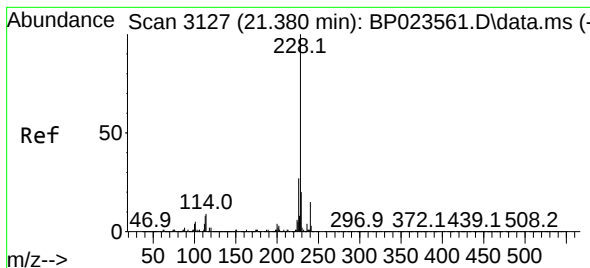


#82
Pyrene
Concen: 4.448 ng/ul
RT: 19.480 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BP023568.D
Acq: 23 Dec 2024 18:24



Tgt Ion:202 Resp: 153003
Ion Ratio Lower Upper
202 100
101 11.6 6.7 10.1#
100 9.2 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 2.470 ng/ul m

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BP023568.D

Acq: 23 Dec 2024 18:24

Instrument :

BNA_P

ClientSampleId :

E2917

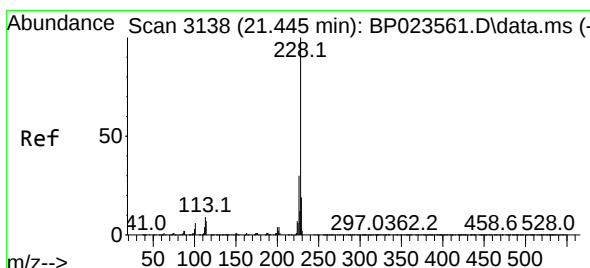
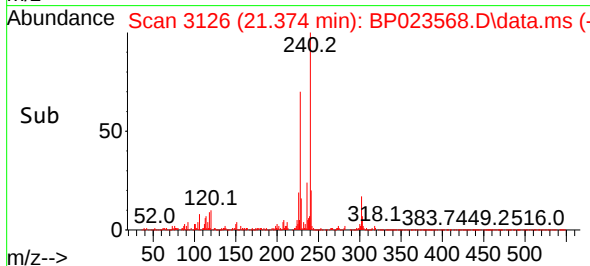
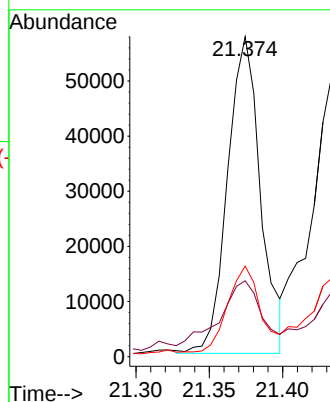
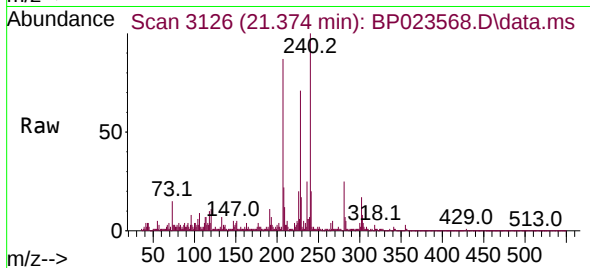
Tgt Ion:228 Resp: 89700
 Ion Ratio Lower Upper
 228 100
 229 23.7 15.7 23.5
 226 28.3 21.6 32.4

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#87

Chrysene

Concen: 2.769 ng/ul

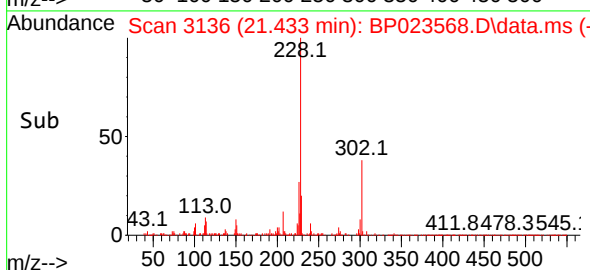
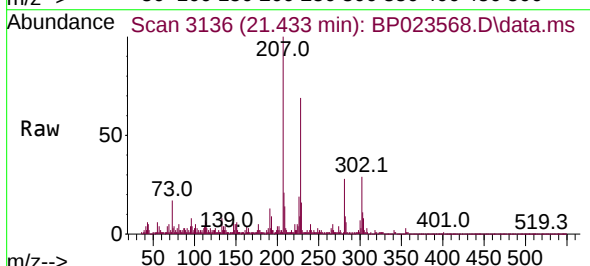
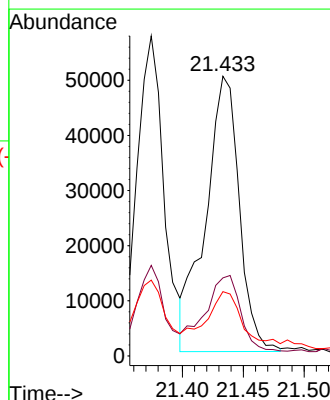
RT: 21.433 min Scan# 3136

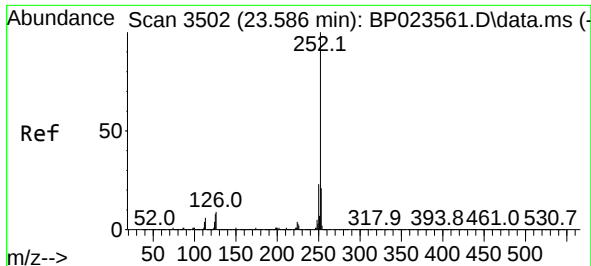
Delta R.T. -0.012 min

Lab File: BP023568.D

Acq: 23 Dec 2024 18:24

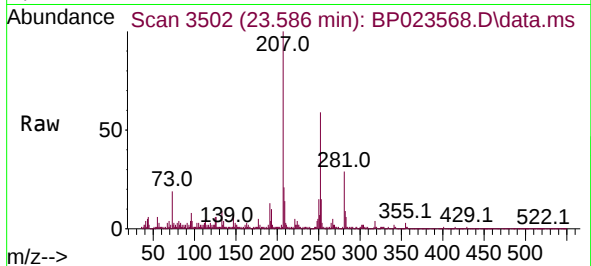
Tgt Ion:228 Resp: 96345
 Ion Ratio Lower Upper
 228 100
 226 27.9 24.2 36.2
 229 23.0 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 3.607 ng/ul
RT: 23.586 min Scan# 3502
Delta R.T. -0.000 min
Lab File: BP023568.D
Acq: 23 Dec 2024 18:24

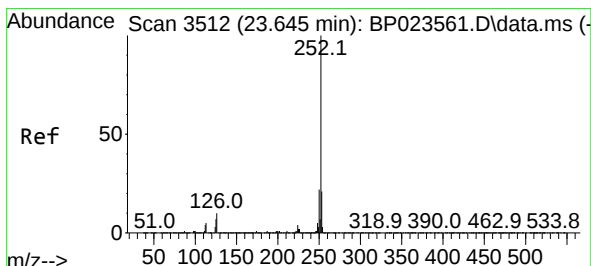
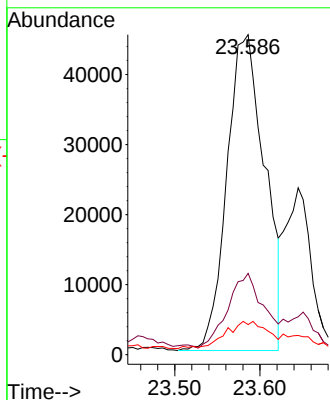
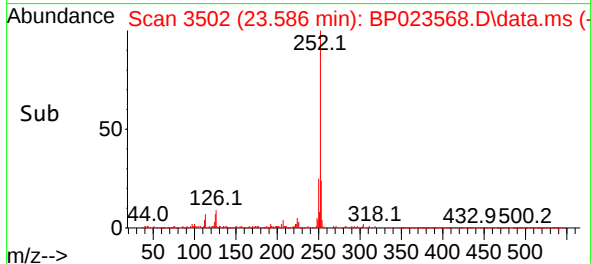
Instrument : BNA_P
ClientSampleId : E2917



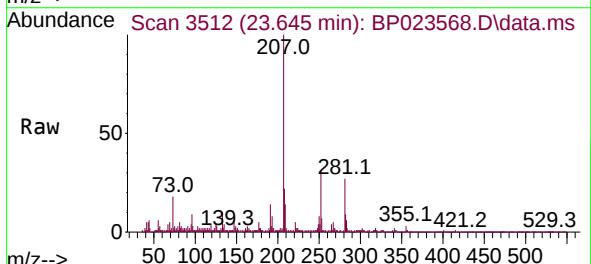
Tgt Ion:252 Resp: 139254
Ion Ratio Lower Upper
252 100
253 25.4 17.3 25.9
125 9.4 4.4 6.6

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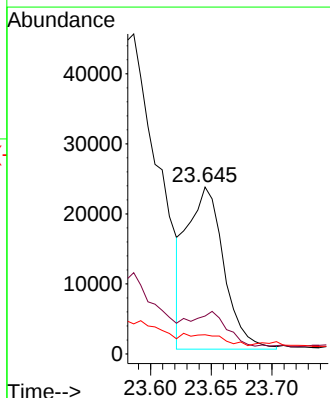
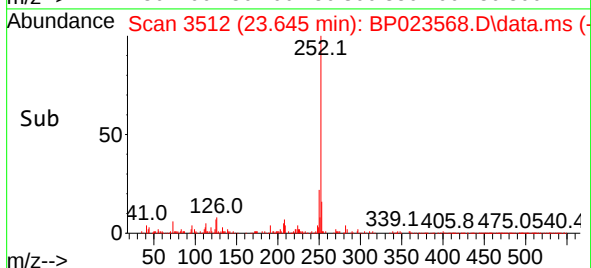
Reviewed By :Yogesh Patel 12/24/2024
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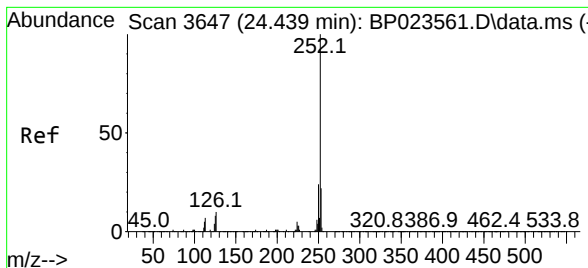


#91
Benzo(k)fluoranthene
Concen: 1.274 ng/ul m
RT: 23.645 min Scan# 3512
Delta R.T. -0.000 min
Lab File: BP023568.D
Acq: 23 Dec 2024 18:24



Tgt Ion:252 Resp: 48930
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 2.917 ng/ul

RT: 24.427 min Scan# 3645

Delta R.T. -0.012 min

Lab File: BP023568.D

Acq: 23 Dec 2024 18:24

Instrument :

BNA_P

ClientSampleId :

E2917

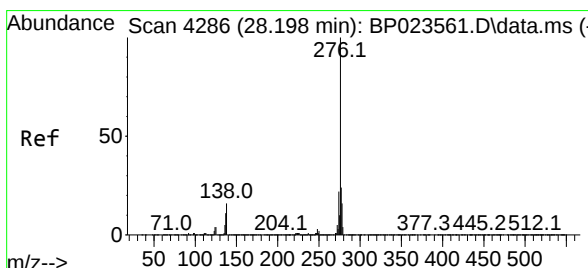
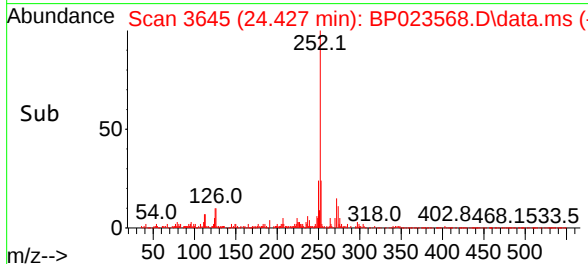
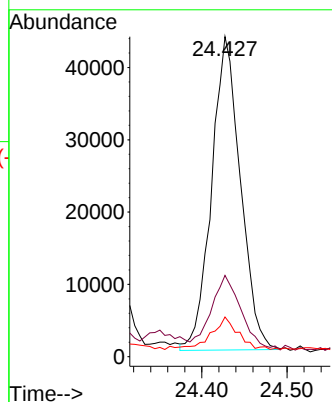
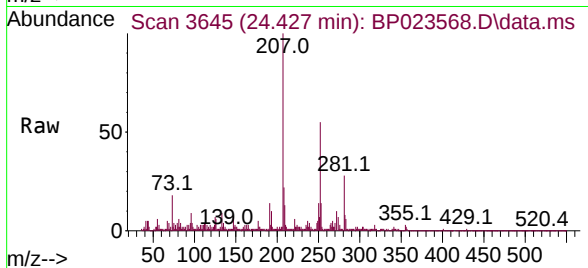
Tgt Ion:	252	Resp:	102100
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.4	26.0
125	12.4	5.0	7.4

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.703 ng/ul

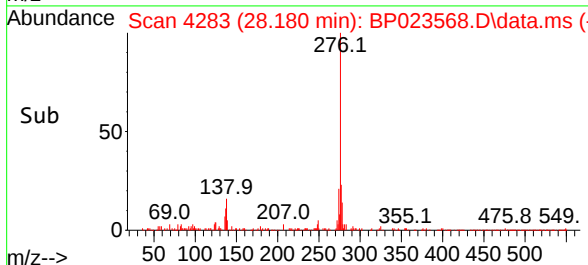
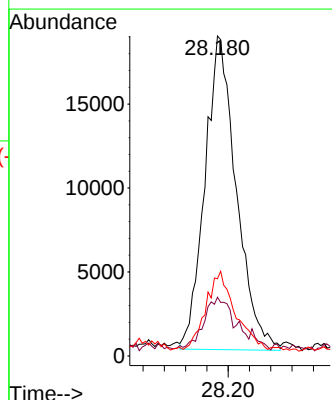
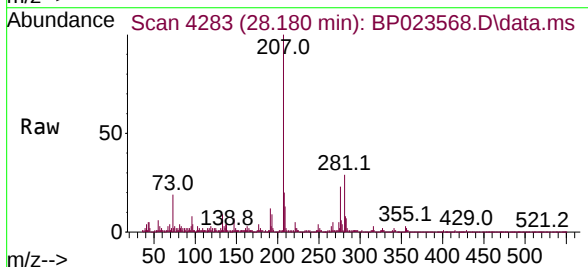
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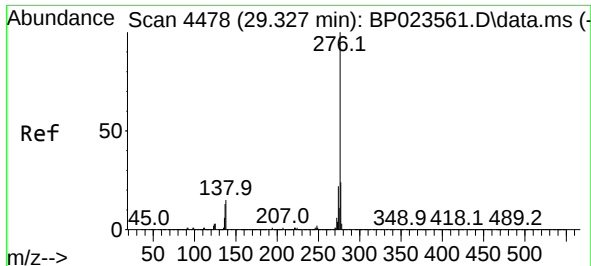
Delta R.T. -0.018 min

Lab File: BP023568.D

Acq: 23 Dec 2024 18:24

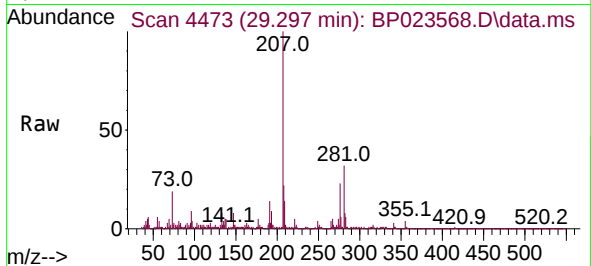
Tgt Ion:	276	Resp:	76605
Ion Ratio	Lower	Upper	
276	100		
138	18.4	7.8	11.6
277	24.2	19.8	29.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.406 ng/ul m
 RT: 29.297 min Scan# 44
 Delta R.T. -0.030 min
 Lab File: BP023568.D
 Acq: 23 Dec 2024 18:24

Instrument :
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Tgt Ion:276 Resp: 82860
 Ion Ratio Lower Upper
 276 100
 138 21.2 8.5 12.7
 277 24.7 18.9 28.3

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