

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020674.D
 Acq On : 28 Jun 2024 00:32
 Operator : MA/JU
 Sample : P2909-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B81

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 01:34:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	144541	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	553631	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	337859	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.186	188	729709	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	785915	20.000	ng/u1	0.01
88) Perylene-d12	25.015	264	963767	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	13057	3.879	ng/uL	0.00
4) Pyridine-d5	3.687	84	189741	19.342	ng/u1	0.00
7) Phenol-d5	6.928	99	257218	21.697	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	151607	20.172	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	216577	22.353	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	210338	21.846	ng/u1	0.00
21) Nitrobenzene-d5	8.899	128	101232	24.767	ng/u1	0.00
24) 2-Nitrophenol-d4	9.610	143	111961	27.372	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	204835	24.311	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	247998	21.003	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	624191	26.571	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	720219	25.694	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	93124	25.946	ng/u1	0.01
60) Fluorene-d10	15.392	176	551496	27.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	75573	20.551	ng/u1	0.02
73) Anthracene-d10	17.298	188	860830	26.285	ng/u1	0.02
81) Pyrene-d10	19.675	212	1099863	23.295	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	1278394	27.269	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.228	178	80241	2.100	ng/u1	99
80) Fluoranthene	19.328	202	187503	3.251	ng/u1	98
82) Pyrene	19.710	202	160685	2.717	ng/u1	97
85) Benzo(a)anthracene	21.633	228	91059	1.653	ng/u1	93
87) Chrysene	21.704	228	100084	1.922	ng/u1	97
90) Benzo(b)fluoranthene	23.951	252	144482	2.475	ng/u1#	92
93) Benzo(a)pyrene	24.863	252	91578	1.662	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.821	276	70896m	1.003	ng/u1	
96) Benzo(g,h,i)perylene	30.033	276	67122	1.163	ng/u1	98

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

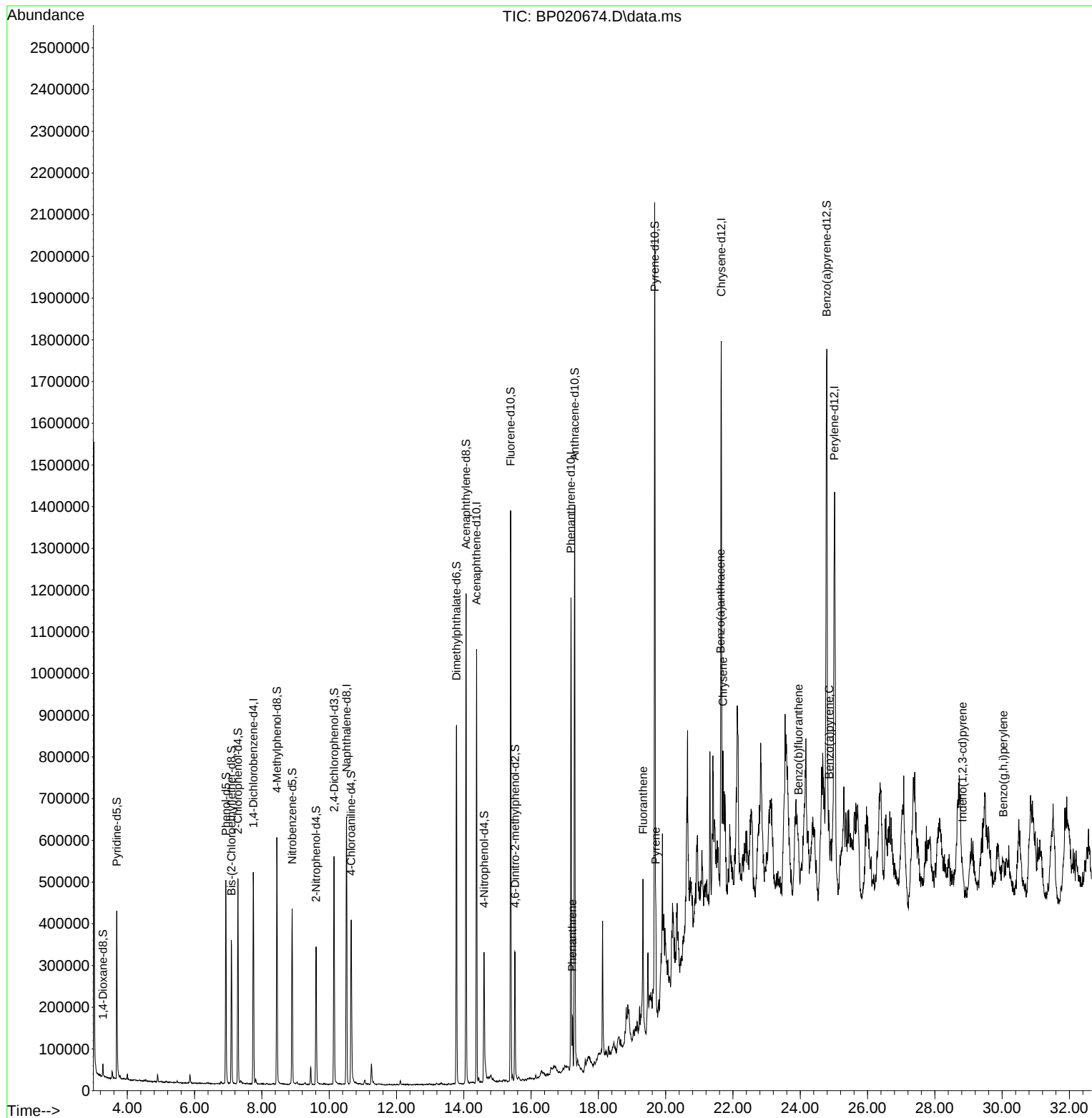
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020674.D
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Operator : MA/JU
Sample : P2909-04
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ALS Vial : 31 Sample Multiplier: 1

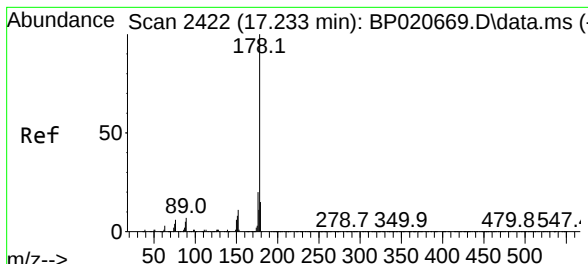
Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration





#72
 Phenanthrene
 Concen: 2.100 ng/ul
 RT: 17.228 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: BP020674.D
 Acq: 28 Jun 2024 00:32

Instrument :

BNA_P

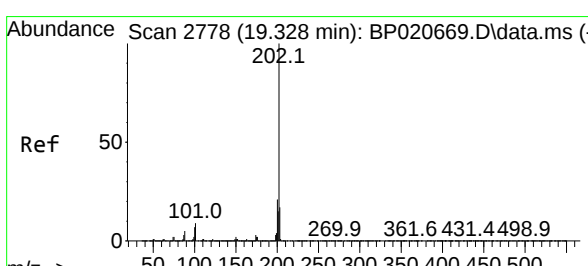
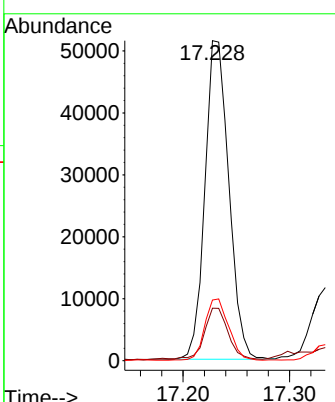
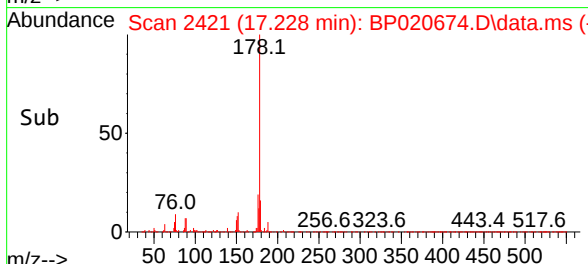
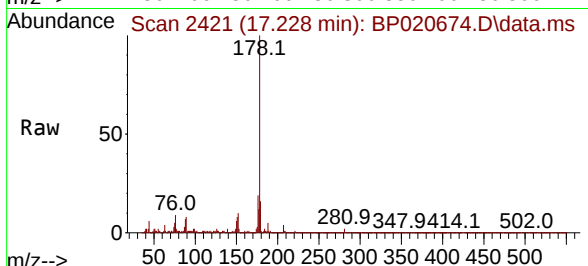
ClientSampleId :

A4B81

Tgt Ion:	178	Resp:	8024
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.4	18.6
176	19.0	15.4	23.2

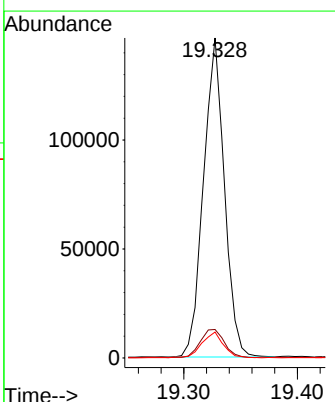
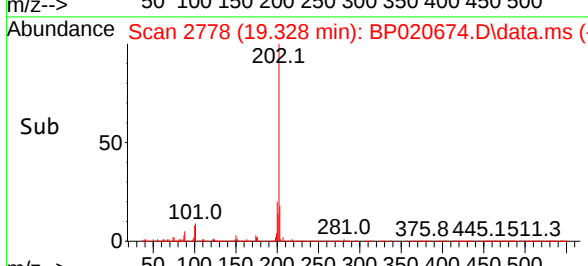
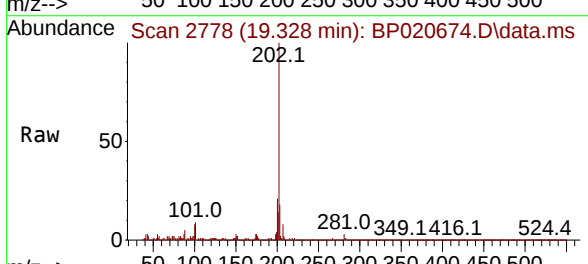
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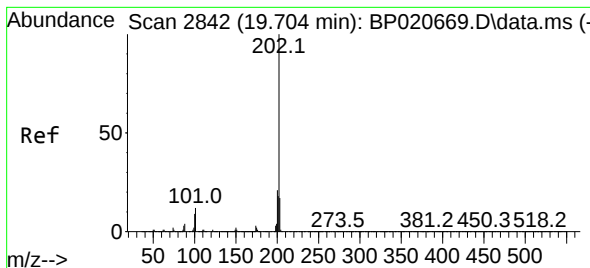
Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024



#80
 Fluoranthene
 Concen: 3.251 ng/ul
 RT: 19.328 min Scan# 2778
 Delta R.T. 0.006 min
 Lab File: BP020674.D
 Acq: 28 Jun 2024 00:32

Tgt Ion:	202	Resp:	187503
Ion Ratio	Lower	Upper	
202	100		
101	8.9	8.2	12.4
100	8.1	6.6	10.0





#82

Pyrene

Concen: 2.717 ng/ul

RT: 19.710 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020674.D

Acq: 28 Jun 2024 00:32

Instrument :

BNA_P

ClientSampleId :

A4B81

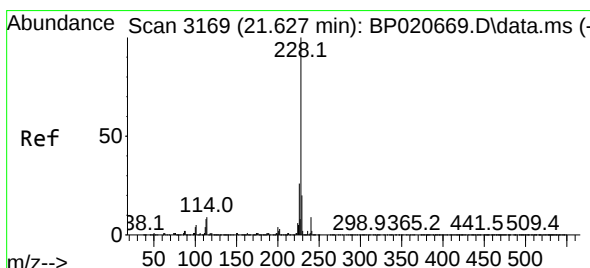
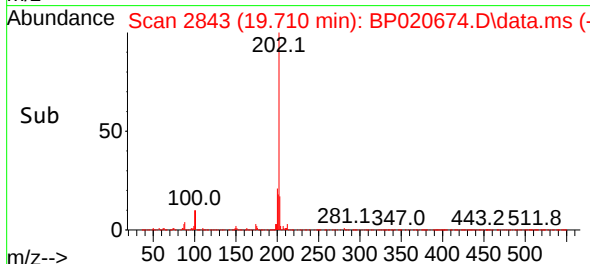
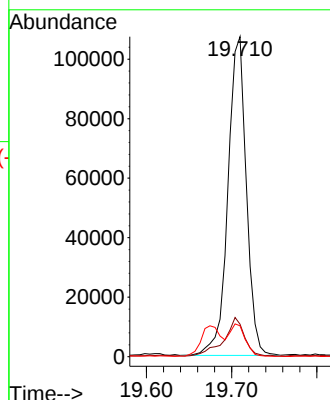
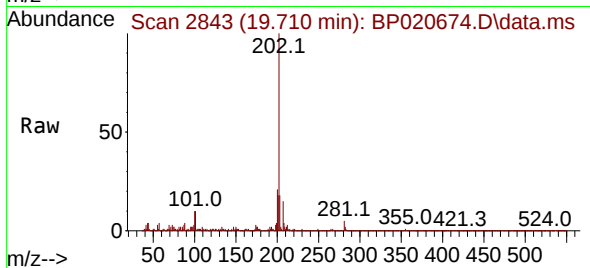
Tgt Ion:	202	Resp:	16068
Ion Ratio	Lower	Upper	
202	100		
101	10.2	9.8	14.8
100	9.6	7.9	11.9

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#85

Benzo(a)anthracene

Concen: 1.653 ng/ul

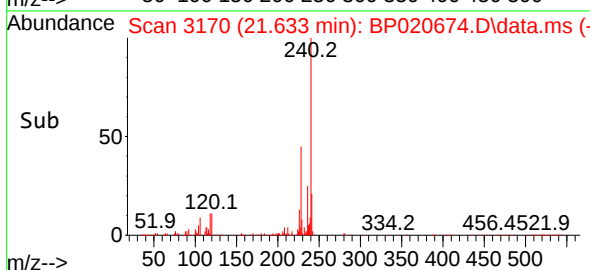
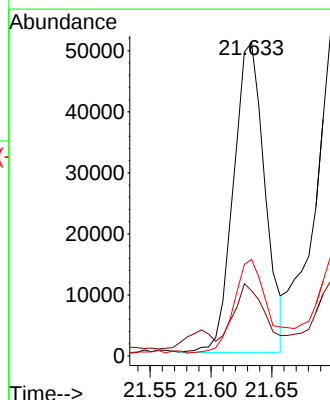
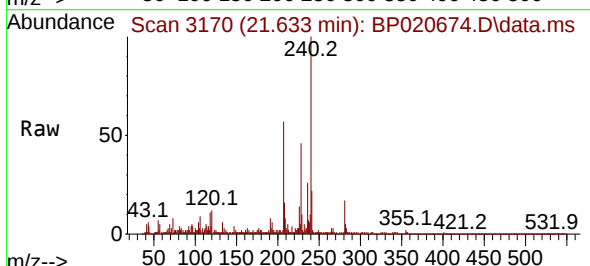
RT: 21.633 min Scan# 3170

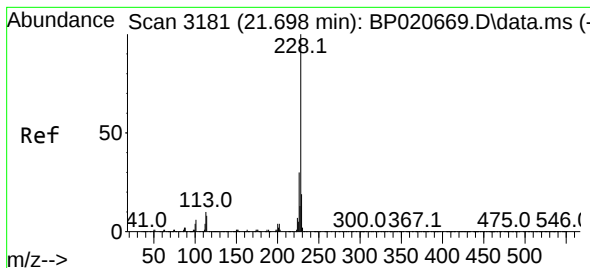
Delta R.T. 0.012 min

Lab File: BP020674.D

Acq: 28 Jun 2024 00:32

Tgt Ion:	228	Resp:	91059
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.2	22.8
226	30.8	21.1	31.7





#87

Chrysene

Concen: 1.922 ng/ul

RT: 21.704 min Scan# 3181

Delta R.T. 0.012 min

Lab File: BP020674.D

Acq: 28 Jun 2024 00:32

Instrument :

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A4B81

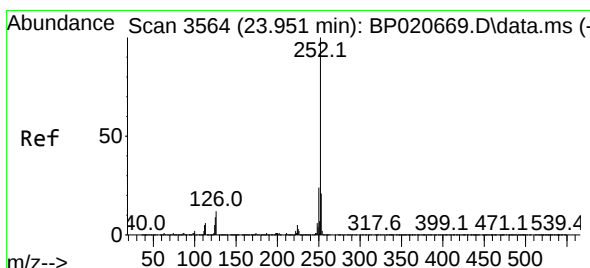
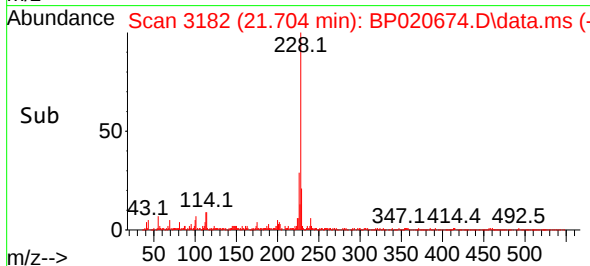
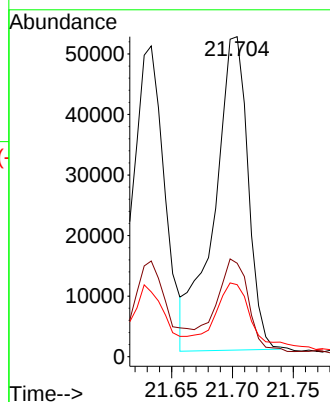
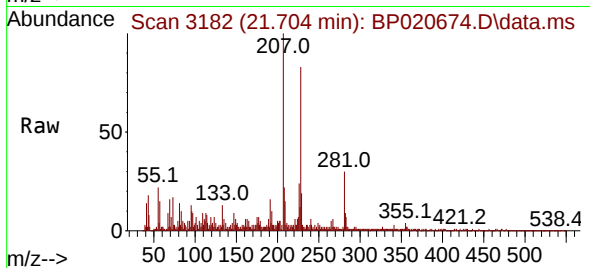
Tgt Ion:	228	Resp:	100084
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.8	35.6
229	22.5	16.1	24.1

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#90

Benzo(b)fluoranthene

Concen: 2.475 ng/ul

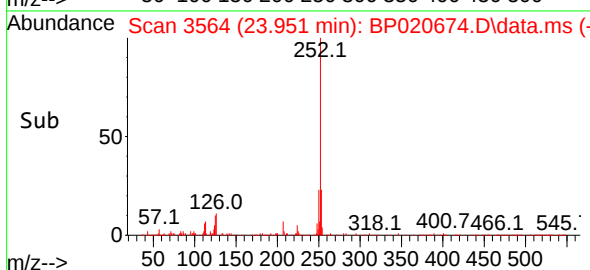
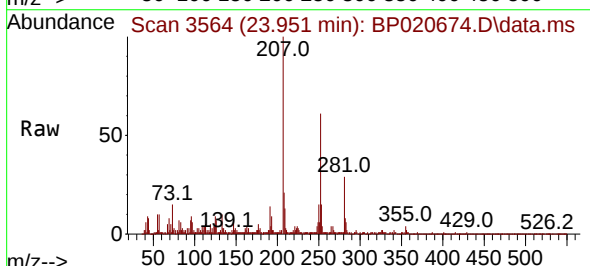
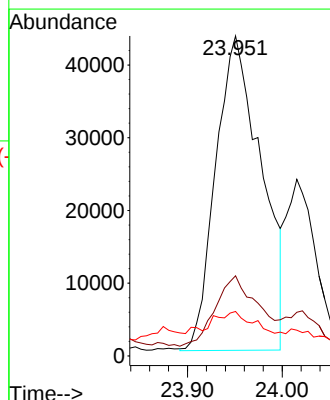
RT: 23.951 min Scan# 3564

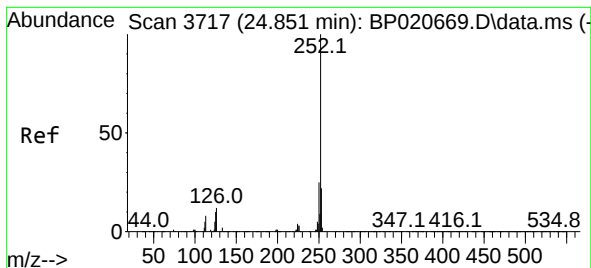
Delta R.T. 0.012 min

Lab File: BP020674.D

Acq: 28 Jun 2024 00:32

Tgt Ion:	252	Resp:	144482
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.5	26.3
125	13.9	7.9	11.9





#93

Benzo(a)pyrene

Concen: 1.662 ng/ul

RT: 24.863 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP020674.D

Acq: 28 Jun 2024 00:32

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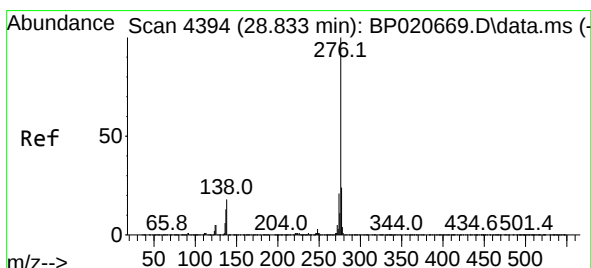
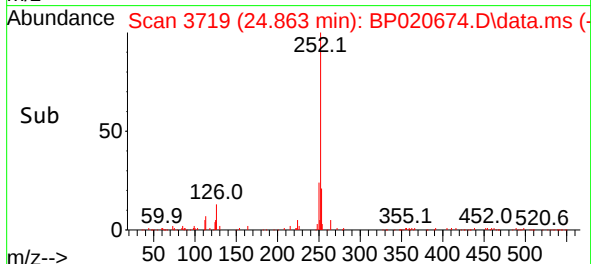
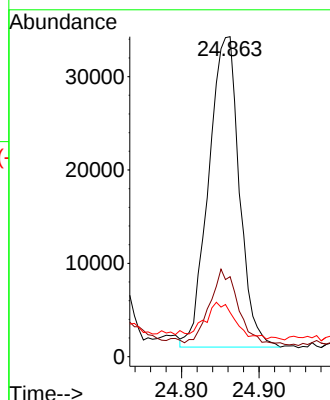
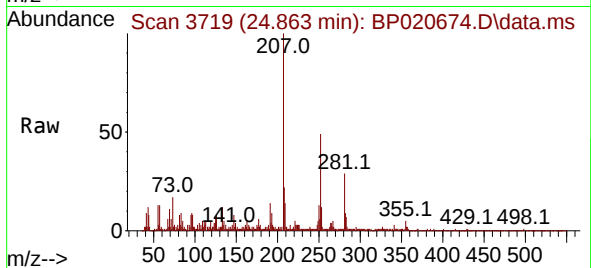
Tgt Ion:	252	Resp:	91578
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.2
125	13.8	8.7	13.1

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.003 ng/ul m

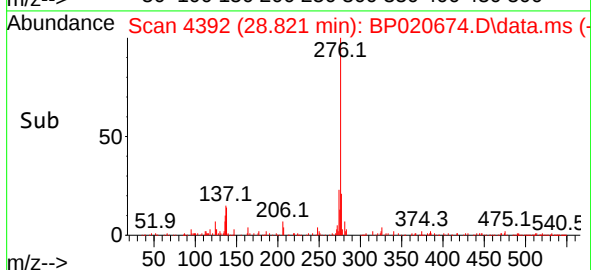
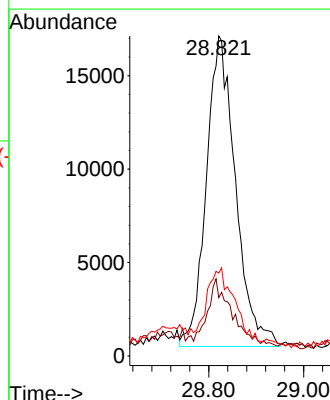
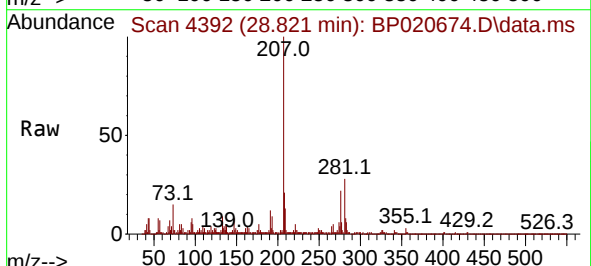
RT: 28.821 min Scan# 4392

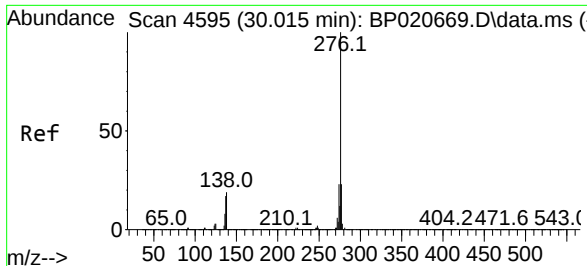
Delta R.T. 0.006 min

Lab File: BP020674.D

Acq: 28 Jun 2024 00:32

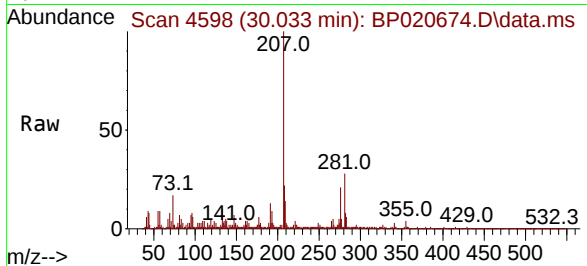
Tgt Ion:	276	Resp:	70896
Ion Ratio	Lower	Upper	
276	100		
138	18.3	15.2	22.8
277	25.9	19.0	28.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.163 ng/ul
 RT: 30.033 min Scan# 4598
 Delta R.T. 0.029 min
 Lab File: BP020674.D
 Acq: 28 Jun 2024 00:32

Instrument :
 BNA_P
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Tgt Ion:	276	Resp:	6712
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.4	24.6
277	24.4	18.7	28.1

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