

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
 Data File : BP022508.D
 Acq On : 21 Oct 2024 16:47
 Operator : RC/JU
 Sample : P4429-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F62

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 21 17:57:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	98338	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	390731	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	302439	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	710696	20.000	ng/u1	0.00
79) Chrysene-d12	21.498	240	722915	20.000	ng/u1	0.00
88) Perylene-d12	24.762	264	836772	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	5494	2.171	ng/uL	0.00
4) Pyridine-d5	3.611	84	83675	12.045	ng/u1	0.00
7) Phenol-d5	6.852	99	134835	16.289	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	80574	16.561	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	98639	16.793	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	116577	17.647	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	52022	17.316	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	62408	17.942	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	127474	17.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	145402	16.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	462221	19.236	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	487406	19.097	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	53817	13.350	ng/u1	0.00
60) Fluorene-d10	15.287	176	406501	19.504	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	57652	12.334	ng/u1	0.00
73) Anthracene-d10	17.169	188	688325	20.588	ng/u1	0.00
81) Pyrene-d10	19.557	212	840102	21.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.545	264	918908	20.563	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.116	178	151436	3.983	ng/u1	98
80) Fluoranthene	19.210	202	183155	4.167	ng/u1	100
82) Pyrene	19.586	202	224035	4.756	ng/u1	99
85) Benzo(a)anthracene	21.486	228	95927	1.893	ng/u1	97
87) Chrysene	21.551	228	94362	2.008	ng/u1	99
90) Benzo(b)fluoranthene	23.739	252	105176	1.997	ng/u1#	96
93) Benzo(a)pyrene	24.615	252	78717	1.624	ng/u1	98
96) Benzo(g,h,i)perylene	29.598	276	51229m	1.018	ng/u1	

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

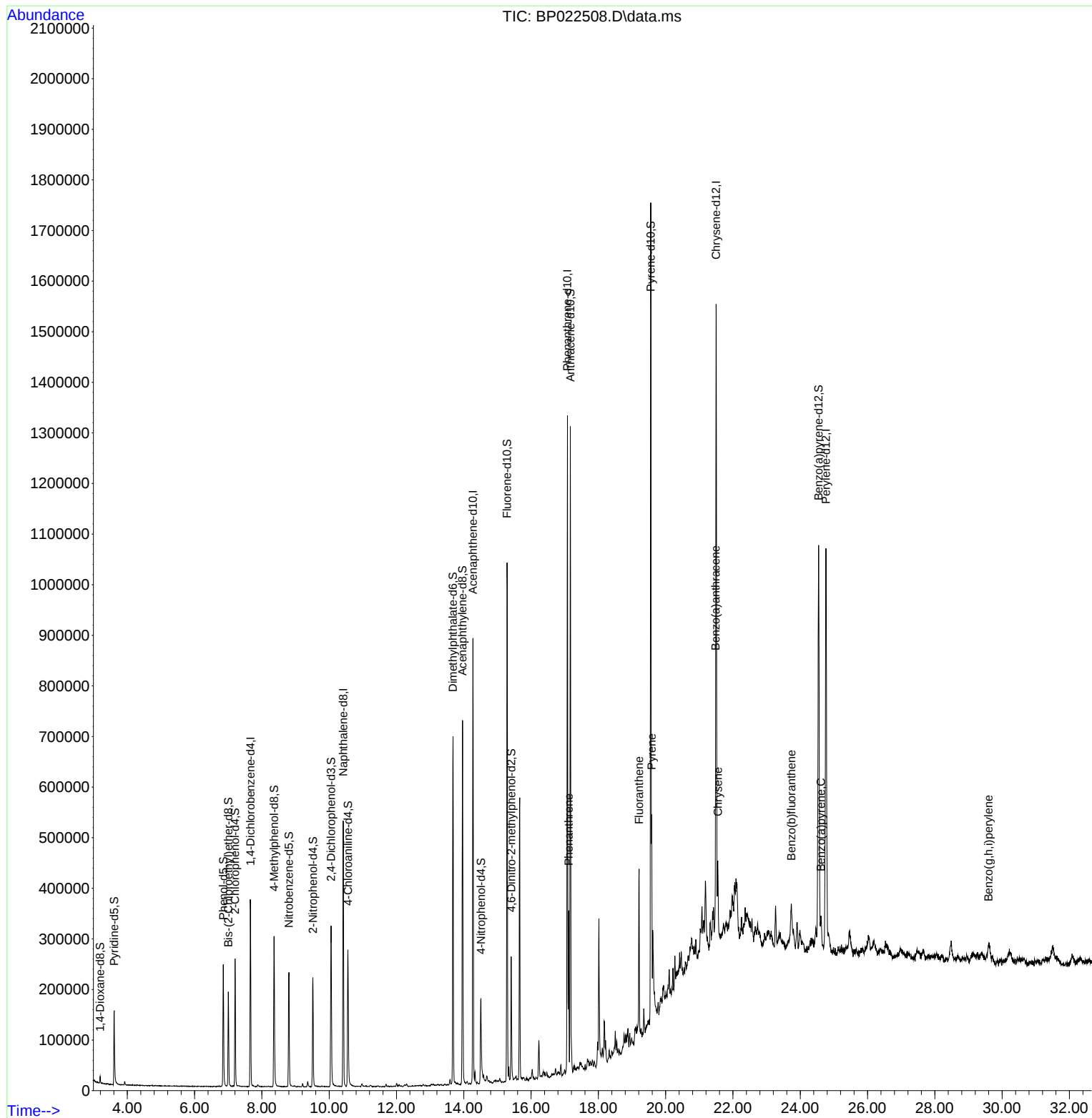
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022508.D
Acq On : 21 Oct 2024 16:47
Operator : RC/JU
Sample : P4429-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

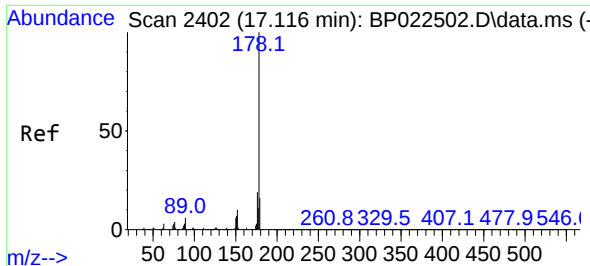
Instrument :
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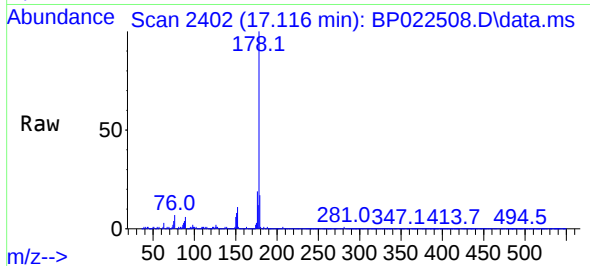
Quant Time: Oct 21 17:57:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.983 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47

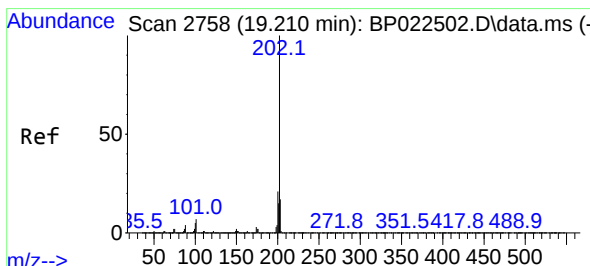
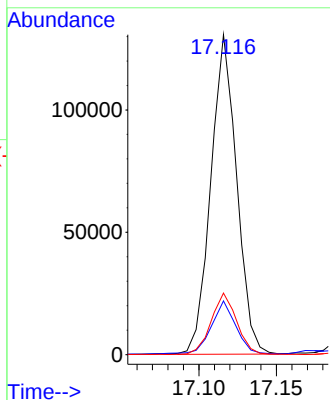
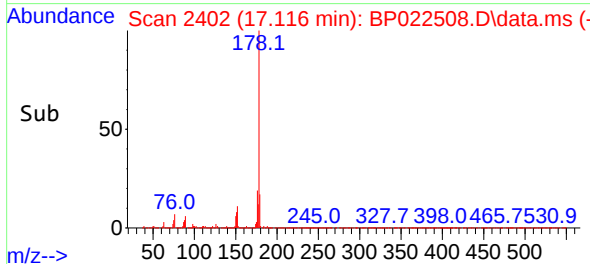
Instrument :
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ClientSampleId :
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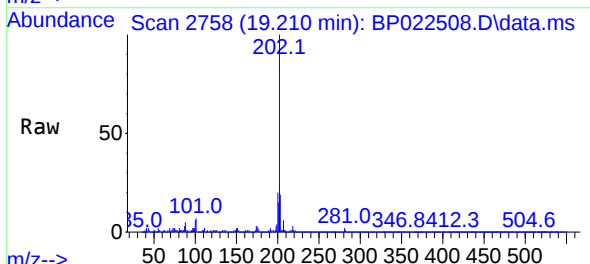
Tgt Ion:178 Resp: 151436
Ion Ratio Lower Upper
178 100
179 16.8 12.2 18.4
176 19.3 15.7 23.5

Manual Integrations
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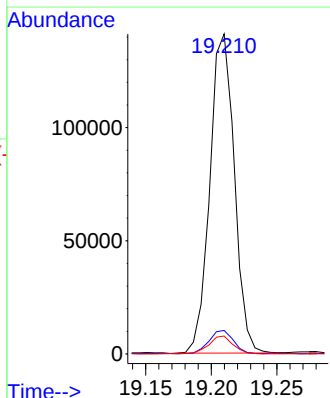
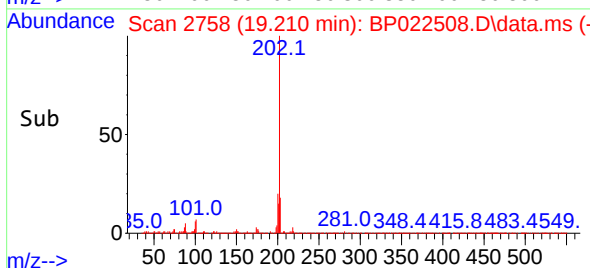
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

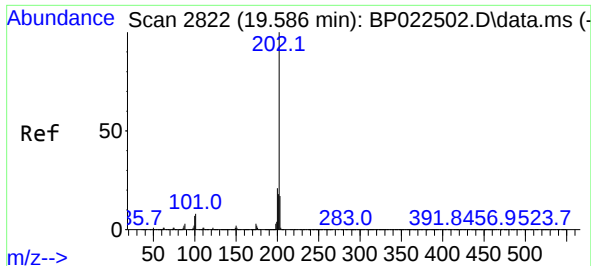


#80
Fluoranthene
Concen: 4.167 ng/ul
RT: 19.210 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47



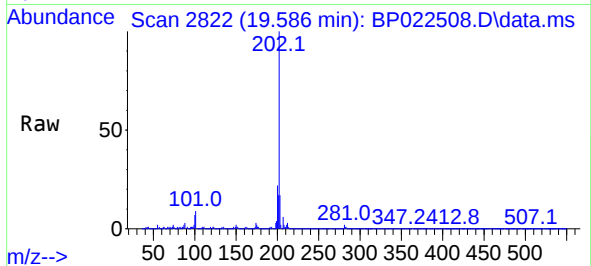
Tgt Ion:202 Resp: 183155
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 5.6 4.5 6.7





#82
Pyrene
Concen: 4.756 ng/ul
RT: 19.586 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47

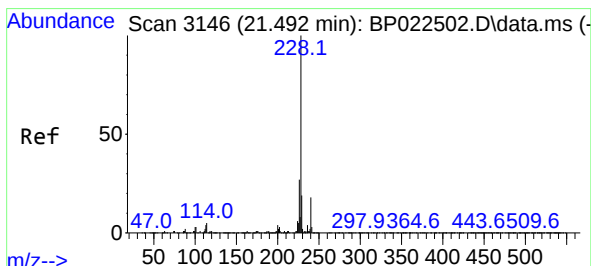
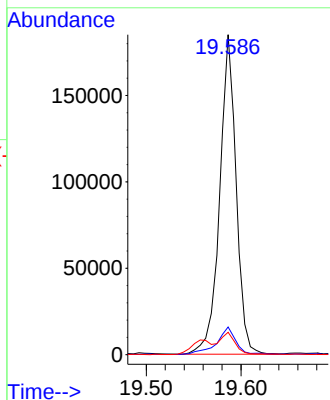
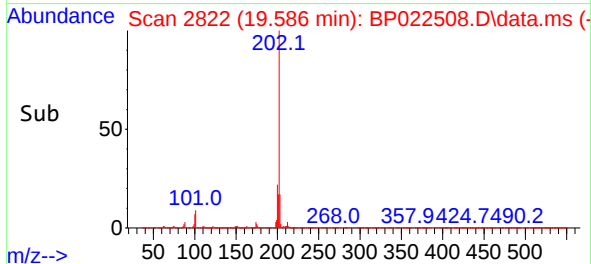
Instrument :
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ClientSampleId :
A4F62



Tgt Ion:202 Resp: 224035
Ion Ratio Lower Upper
202 100
101 8.7 6.7 10.1
100 7.0 5.8 8.6

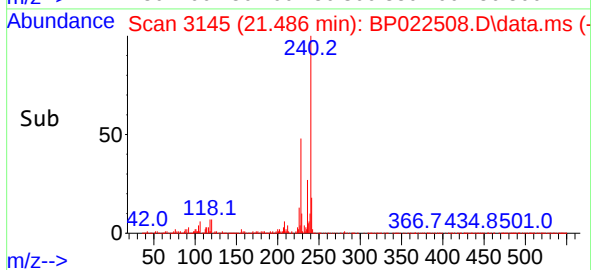
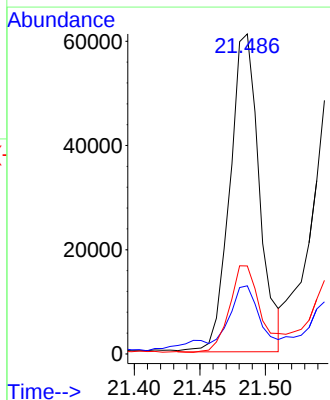
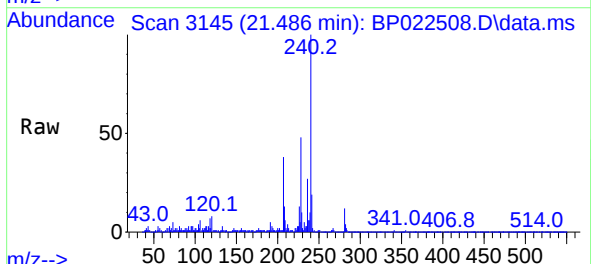
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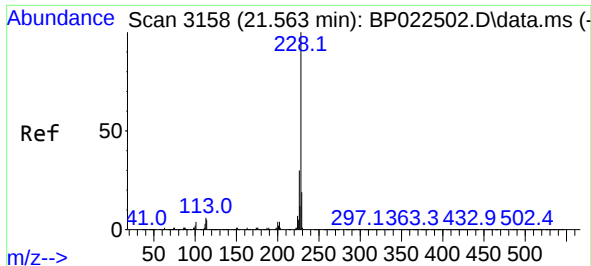
Reviewed By :Yogesh Patel 10/22/2024
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#85
Benzo(a)anthracene
Concen: 1.893 ng/ul
RT: 21.486 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47

Tgt Ion:228 Resp: 95927
Ion Ratio Lower Upper
228 100
229 21.3 15.4 23.0
226 27.5 21.5 32.3





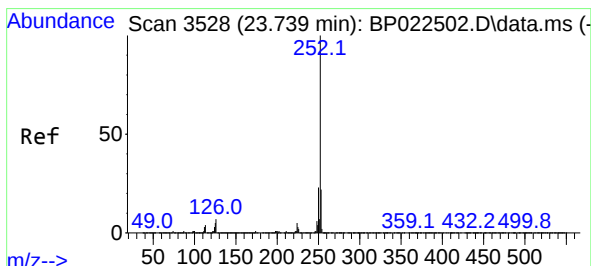
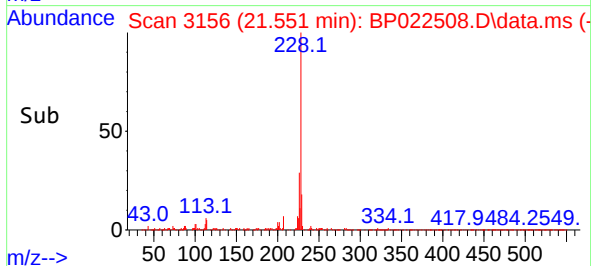
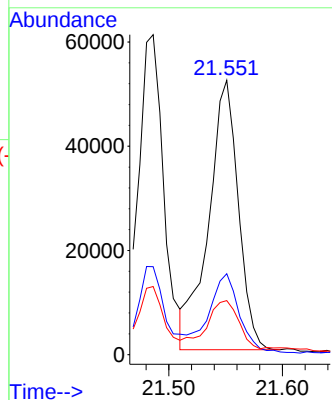
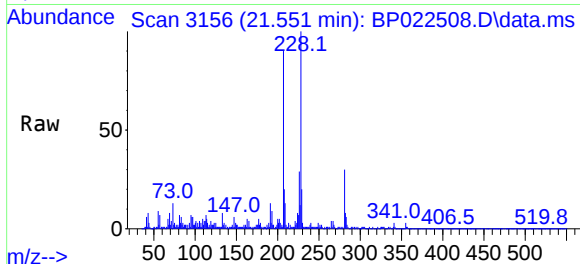
#87
Chrysene
Concen: 2.008 ng/u1
RT: 21.551 min Scan# 3156
Delta R.T. 0.006 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47

Instrument :
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ClientSampleId :
A4F62

Tgt Ion:228 Resp: 94362
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 19.7 15.5 23.3

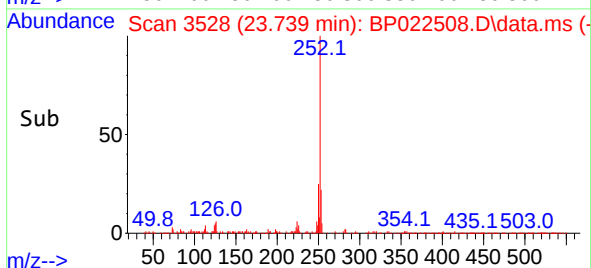
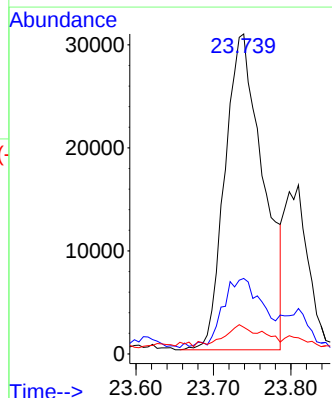
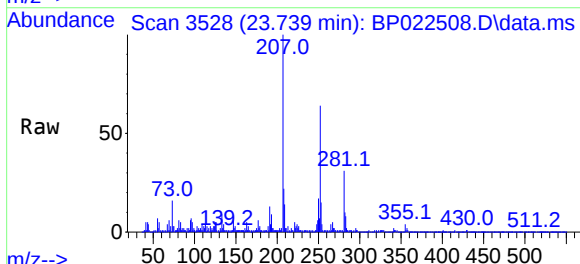
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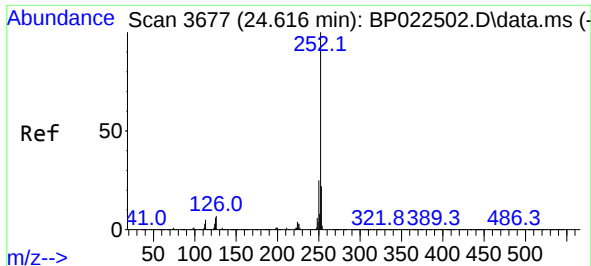
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#90
Benzo(b)fluoranthene
Concen: 1.997 ng/u1
RT: 23.739 min Scan# 3528
Delta R.T. 0.018 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47

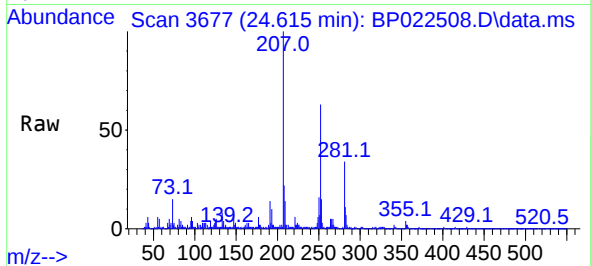
Tgt Ion:252 Resp: 105176
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 8.4 5.0 7.4#





#93
Benzo(a)pyrene
Concen: 1.624 ng/ul
RT: 24.615 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47

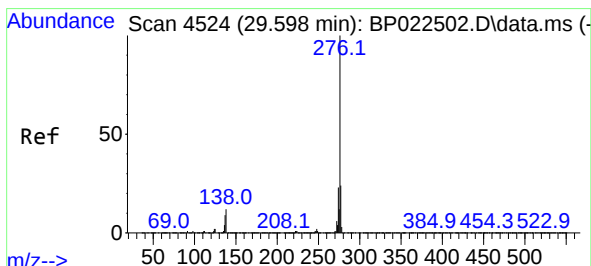
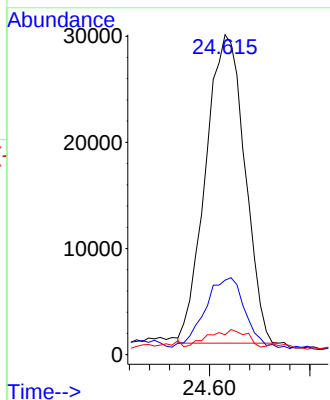
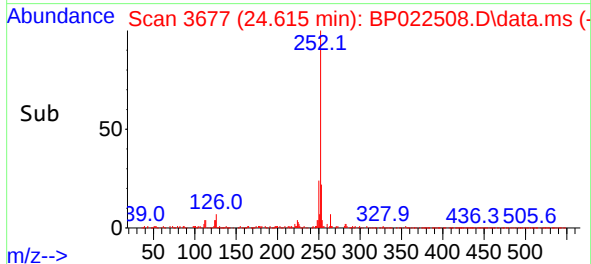
Instrument :
BNA_P
ClientSampleId :
A4F62



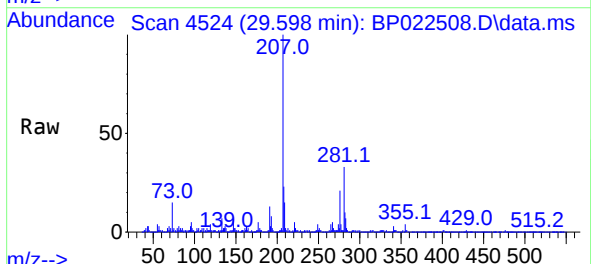
Tgt Ion:252 Resp: 7871
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 6.2 4.9 7.3

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#96
Benzo(g,h,i)perylene
Concen: 1.018 ng/ul m
RT: 29.598 min Scan# 4524
Delta R.T. 0.024 min
Lab File: BP022508.D
Acq: 21 Oct 2024 16:47



Tgt Ion:276 Resp: 51229
Ion Ratio Lower Upper
276 100
138 11.8 8.5 12.7
277 21.3 19.0 28.4

