

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013255.D
 Acq On : 22 Dec 2022 21:17
 Operator : CG/JU
 Sample : N6015-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXY4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 22:49:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 22 22:43:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	692605	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	2937921	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1829371	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.345	188	3730115	20.000	ng/u1	-0.01
79) Chrysene-d12	21.433	240	2440247	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	2757533	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	77947	4.812	ng/uL	0.00
4) Pyridine-d5	3.764	84	1067077	23.189	ng/u1	0.00
7) Phenol-d5	7.105	99	1695485	30.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	1040119	30.564	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	1358930	30.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	1351681	29.242	ng/u1	-0.01
21) Nitrobenzene-d5	9.116	128	683966	31.686	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	791730	32.580	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1471136	31.167	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	1685873	25.299	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	4279253	30.437	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	4997811	32.350	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.787	143	553284	21.877	ng/u1	-0.01
60) Fluorene-d10	15.581	176	3749724	31.525	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	546515	22.768	ng/u1	0.00
73) Anthracene-d10	17.445	188	5319490	31.610	ng/u1	-0.01
81) Pyrene-d10	19.675	212	5213306	37.219	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.751	264	4455840	32.419	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.387	178	378636	1.949	ng/u1	98
80) Fluoranthene	19.351	202	1112916	7.000	ng/u1	99
82) Pyrene	19.704	202	870177	5.306	ng/u1	99
85) Benzo(a)anthracene	21.416	228	586254	3.619	ng/u1	99
87) Chrysene	21.469	228	547658	3.575	ng/u1	98
90) Benzo(b)fluoranthene	23.151	252	922351	5.245	ng/u1	98
91) Benzo(k)fluoranthene	23.198	252	275394m	1.579	ng/u1	
93) Benzo(a)pyrene	23.798	252	592828	3.872	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	488091	2.559	ng/u1	97
96) Benzo(g,h,i)perylene	27.292	276	485713	3.172	ng/u1	98

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

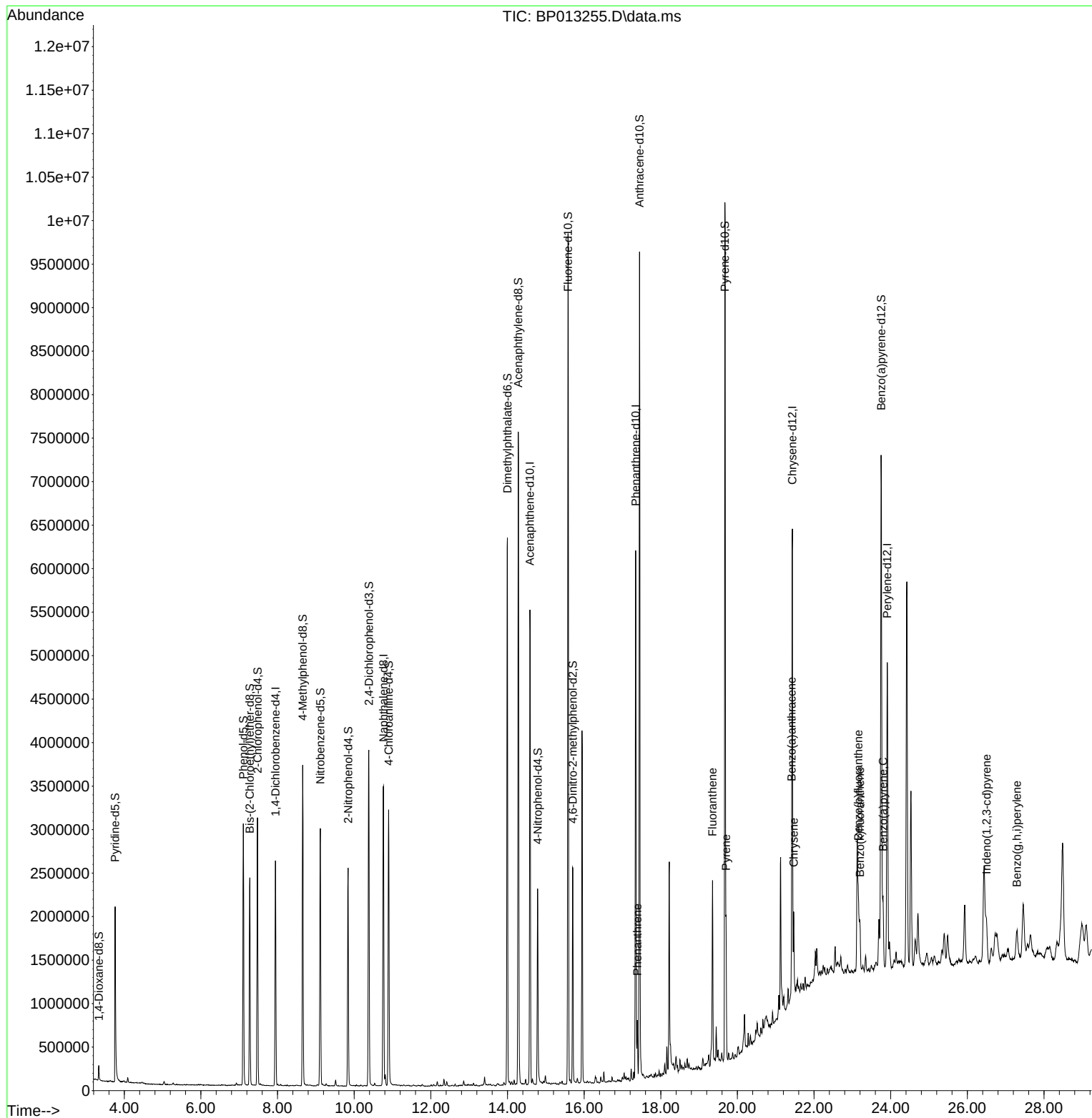
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 Data File : BP013255.D
 Acq On : 22 Dec 2022 21:17
 Operator : CG/JU
 Sample : N6015-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

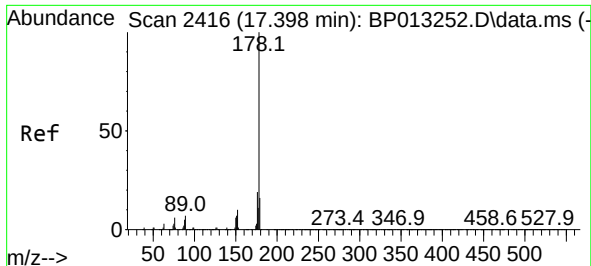
Instrument :
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 ClientSampleId :
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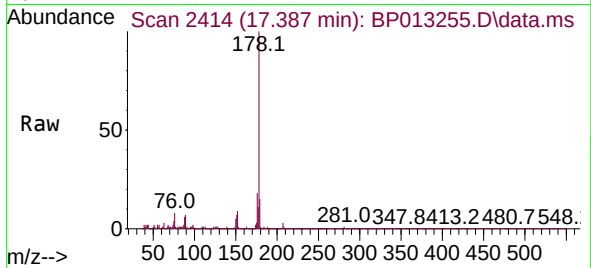
Quant Time: Dec 22 22:49:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 22 22:43:06 2022
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.949 ng/ul
RT: 17.387 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

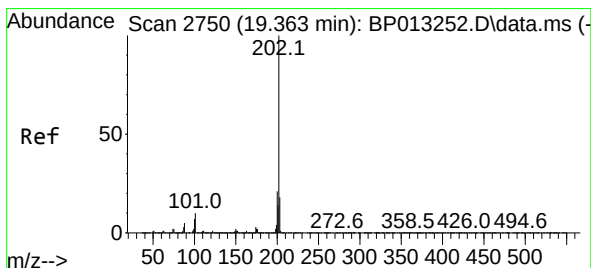
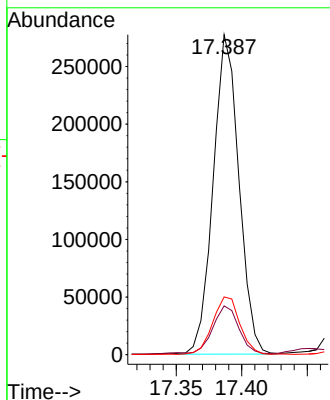
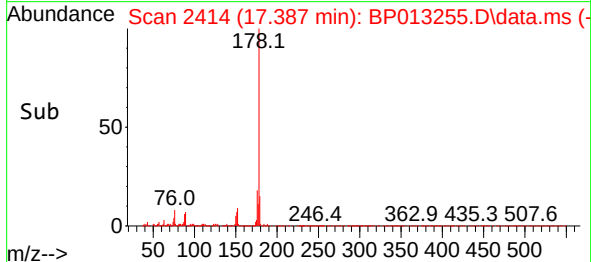
Instrument :
BNA_P
ClientSampleId :
DBXY4



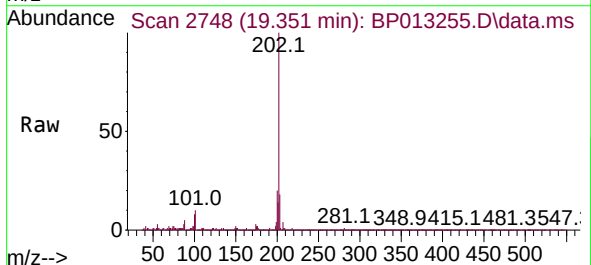
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Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.0 15.4 23.0

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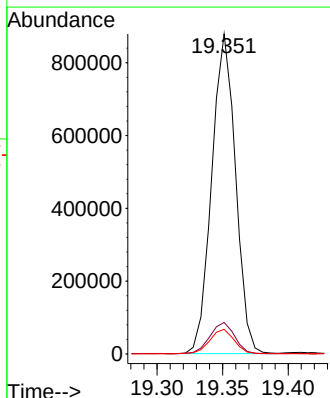
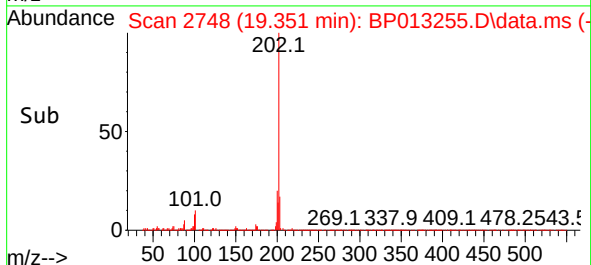
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

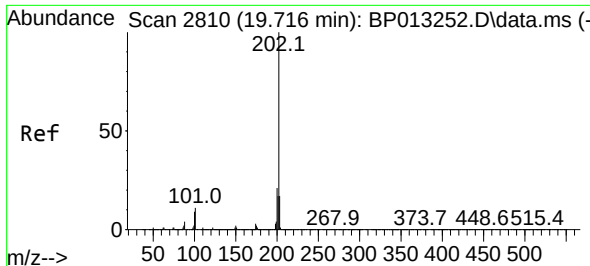


#80
Fluoranthene
Concen: 7.000 ng/ul
RT: 19.351 min Scan# 2748
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17



Tgt Ion:202 Resp: 1112916
Ion Ratio Lower Upper
202 100
101 9.8 8.2 12.2
100 7.7 6.1 9.1





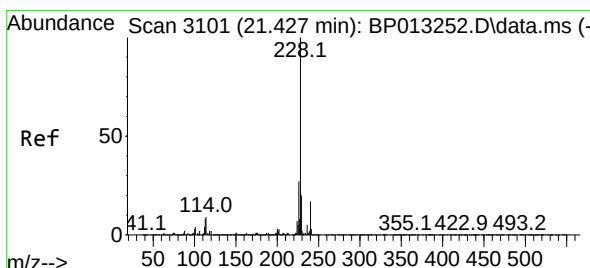
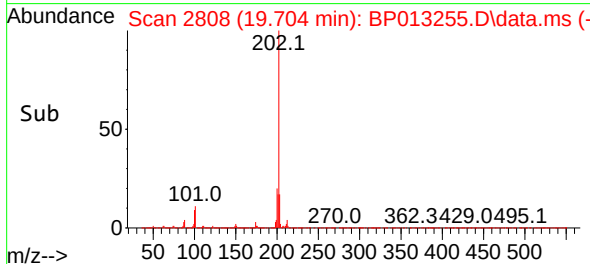
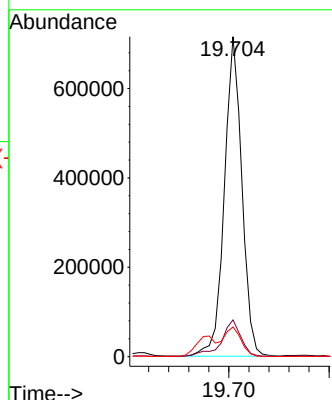
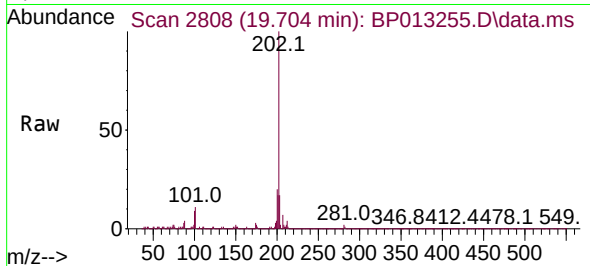
#82
Pyrene
Concen: 5.306 ng/ul
RT: 19.704 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

Instrument :
BNA_P
ClientSampleId :
DBXY4

Tgt Ion:202 Resp: 87017
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 9.3 7.8 11.8

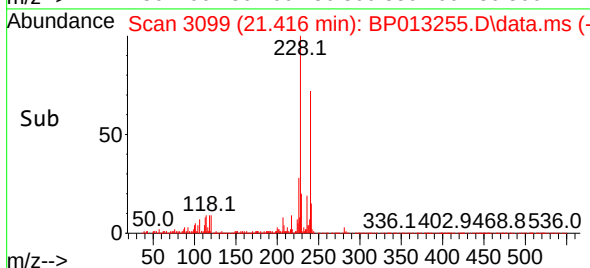
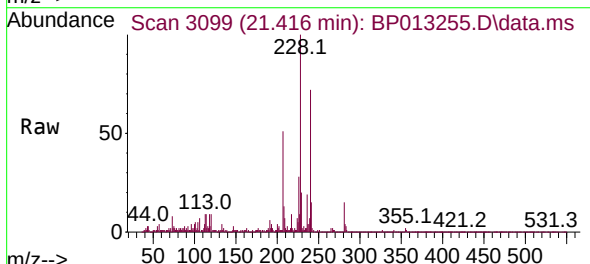
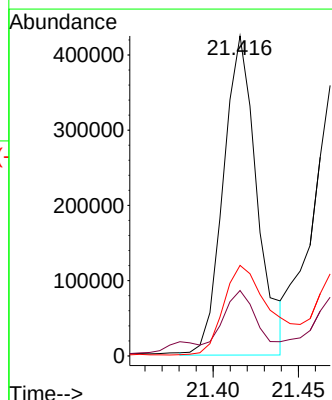
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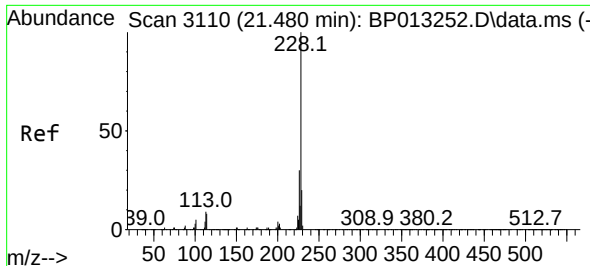
Reviewed By :Jagrut Upadhyay 12/23/2022
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#85
Benzo(a)anthracene
Concen: 3.619 ng/ul
RT: 21.416 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

Tgt Ion:228 Resp: 586254
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 28.3 22.0 33.0





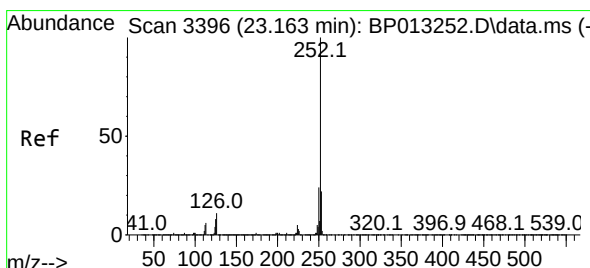
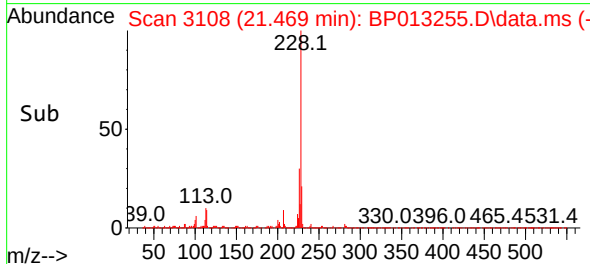
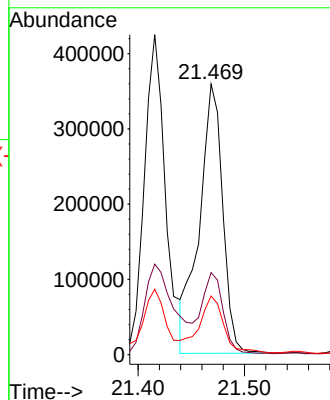
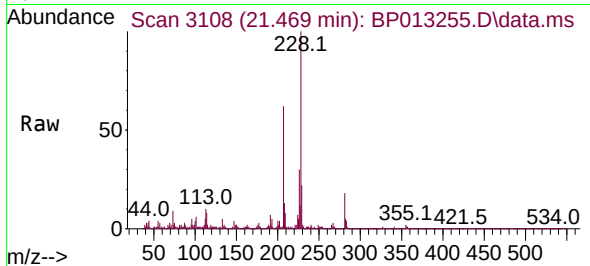
#87
Chrysene
Concen: 3.575 ng/ul
RT: 21.469 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

Instrument :
BNA_P
ClientSampleId :
DBXY4

Tgt Ion:228 Resp: 547658
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.7 16.0 24.0

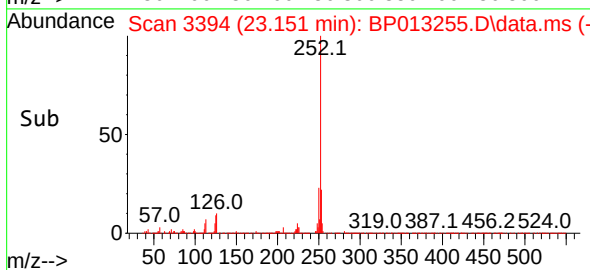
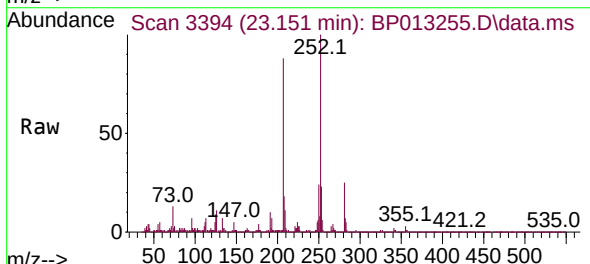
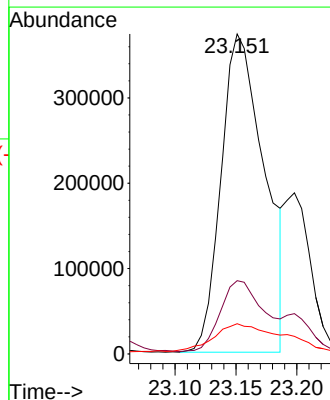
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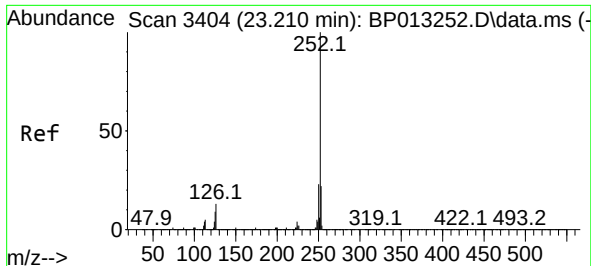
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#90
Benzo(b)fluoranthene
Concen: 5.245 ng/ul
RT: 23.151 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

Tgt Ion:252 Resp: 922351
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 9.4 6.8 10.2





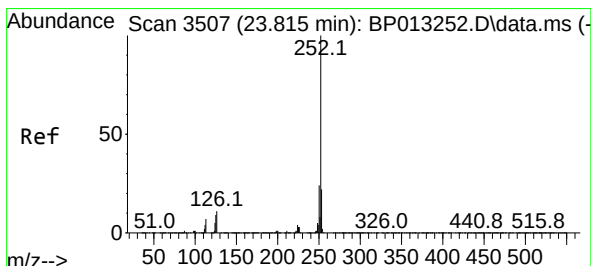
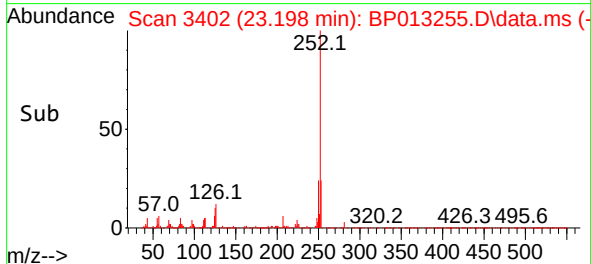
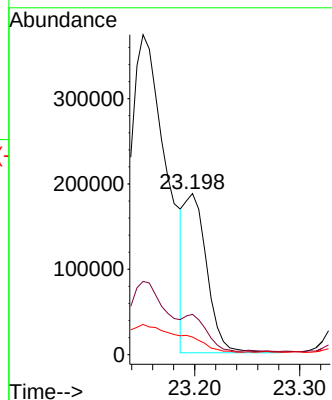
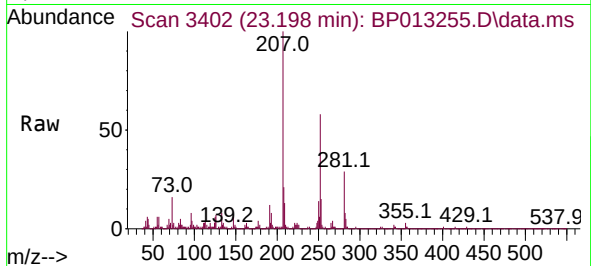
#91
Benzo(k)fluoranthene
Concen: 1.579 ng/ul m
RT: 23.198 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

Instrument :
BNA_P
ClientSampleId :
DBXY4

Tgt Ion:252 Resp: 275394
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 10.9 6.8 10.2

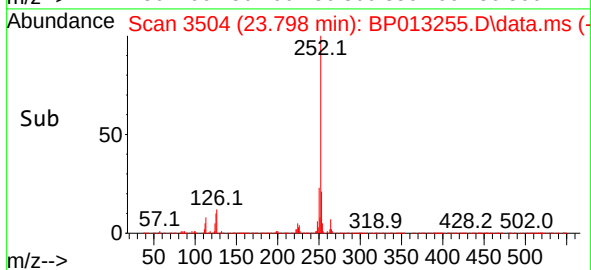
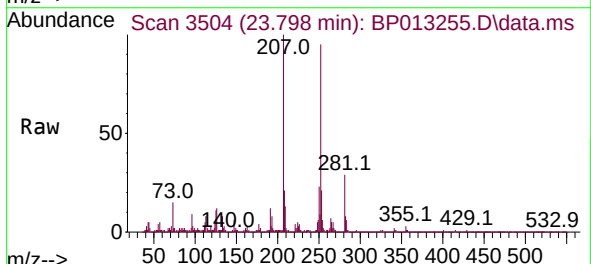
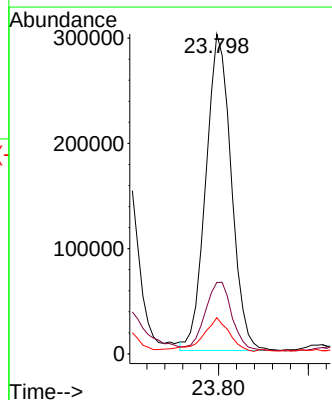
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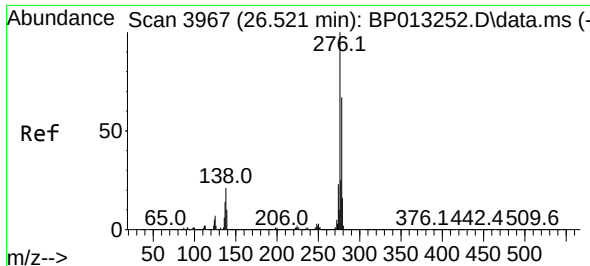
Reviewed By :Jagrut Upadhyay 12/23/2022
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#93
Benzo(a)pyrene
Concen: 3.872 ng/ul
RT: 23.798 min Scan# 3504
Delta R.T. -0.018 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

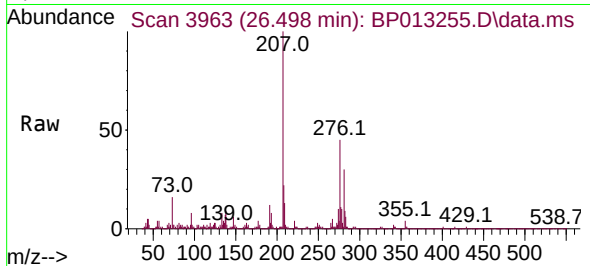
Tgt Ion:252 Resp: 592828
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.3 7.5 11.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.559 ng/ul
RT: 26.498 min Scan# 3967
Delta R.T. -0.023 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17

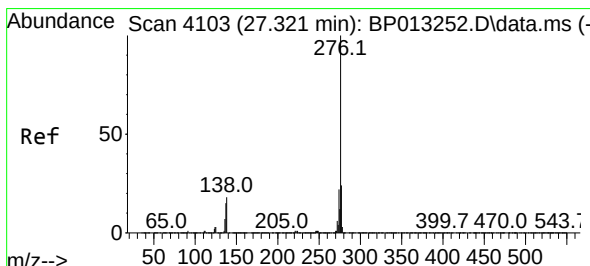
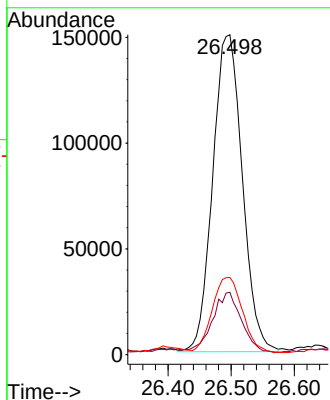
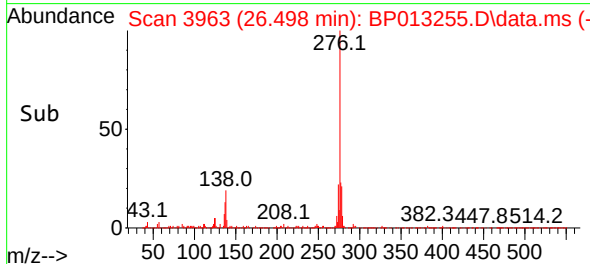
Instrument :
BNA_P
ClientSampleId :
DBXY4



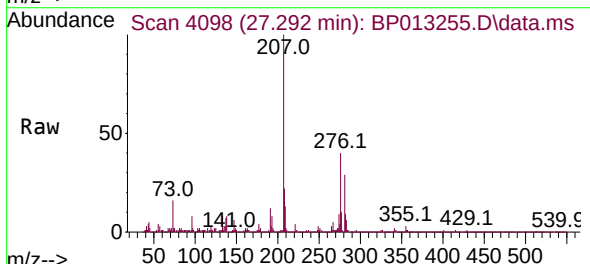
Tgt Ion:276 Resp: 488091
Ion Ratio Lower Upper
276 100
138 19.5 17.1 25.7
277 24.1 20.0 30.0

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 3.172 ng/ul
RT: 27.292 min Scan# 4098
Delta R.T. -0.029 min
Lab File: BP013255.D
Acq: 22 Dec 2022 21:17



Tgt Ion:276 Resp: 485713
Ion Ratio Lower Upper
276 100
138 19.6 15.4 23.2
277 25.0 19.1 28.7

