

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013170.D
 Acq On : 20 Dec 2022 17:04
 Operator : CG/JU
 Sample : N6009-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYG7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 20 21:47:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 21:43:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	475421	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1970758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	1222638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	2444438	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1738739	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	2043636	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	59197	5.324	ng/uL	0.00
4) Pyridine-d5	3.769	84	376060	11.906	ng/u1	0.00
7) Phenol-d5	7.116	99	1279687	33.046	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	808189	34.597	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	1031743	33.845	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	930244	29.318	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	524177	36.201	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	607160	37.246	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1059935	33.475	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	1028794	23.016	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	3397972	36.162	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	3810466	36.904	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	421266	24.923	ng/u1	0.00
60) Fluorene-d10	15.592	176	2879922	36.228	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	500514	31.818	ng/u1	0.00
73) Anthracene-d10	17.451	188	4028564	36.530	ng/u1	0.00
81) Pyrene-d10	19.686	212	4316358	43.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	3881797	38.108	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.392	178	149844	1.177	ng/u1	98
80) Fluoranthene	19.357	202	428320	3.781	ng/u1	98
82) Pyrene	19.710	202	348393	2.982	ng/u1	99
85) Benzo(a)anthracene	21.421	228	255843	2.217	ng/u1	96
87) Chrysene	21.474	228	261924	2.400	ng/u1	98
90) Benzo(b)fluoranthene	23.157	252	424952	3.261	ng/u1	99
91) Benzo(k)fluoranthene	23.204	252	146538m	1.134	ng/u1	
93) Benzo(a)pyrene	23.810	252	264063	2.327	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.503	276	231745	1.640	ng/u1#	95
96) Benzo(g,h,i)perylene	27.303	276	209844	1.849	ng/u1	96

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

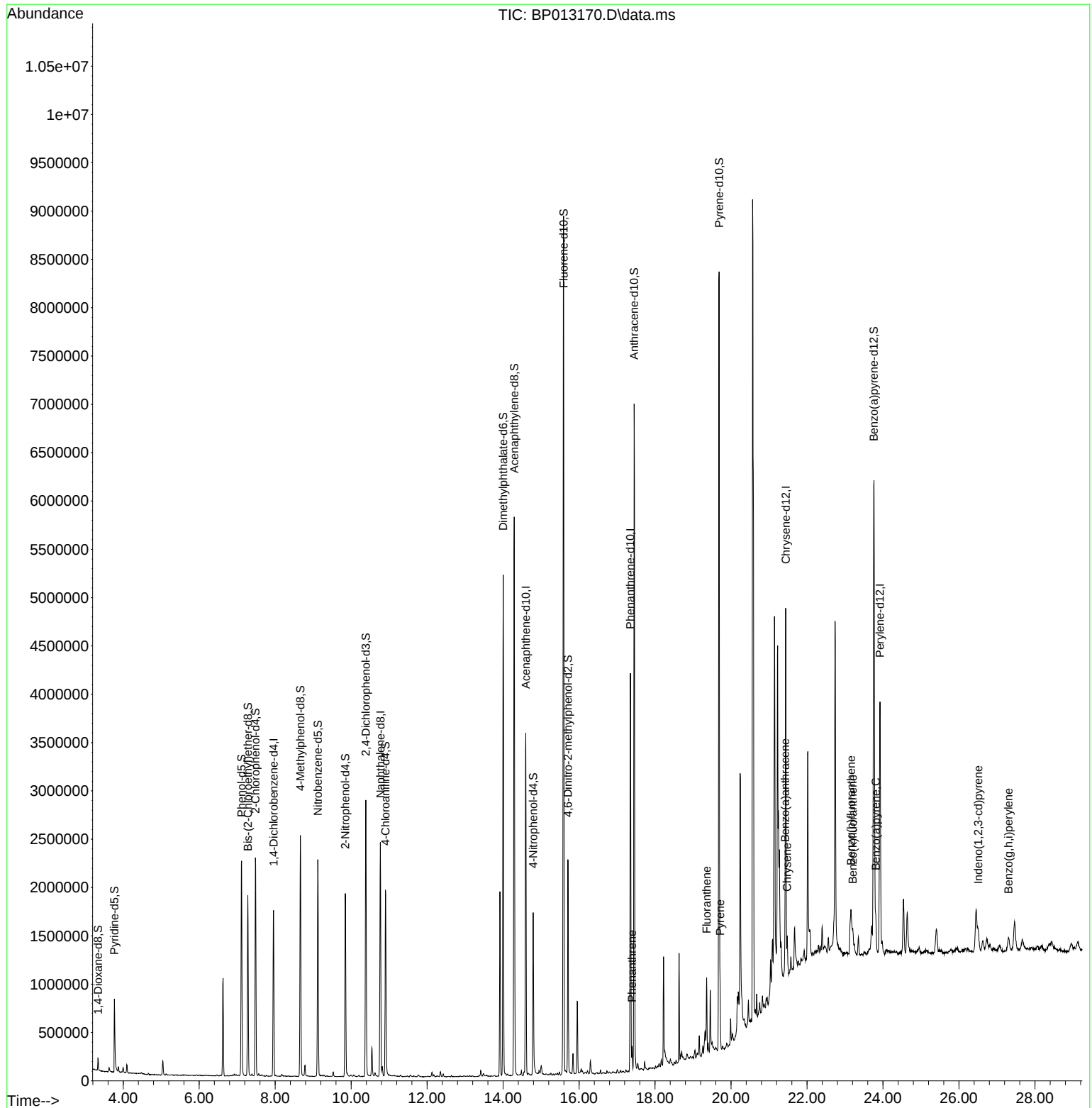
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013170.D
Acq On : 20 Dec 2022 17:04
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ALS Vial : 51 Sample Multiplier: 1

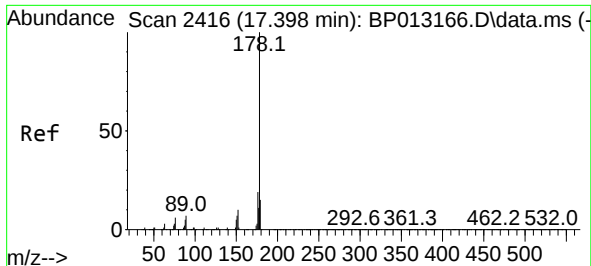
Instrument :
BNA_P
ClientSampleId :
DBYG7

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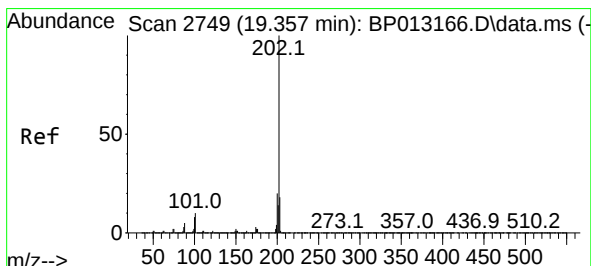
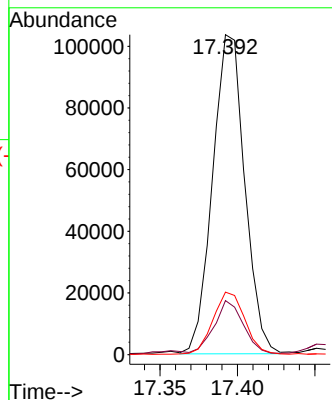
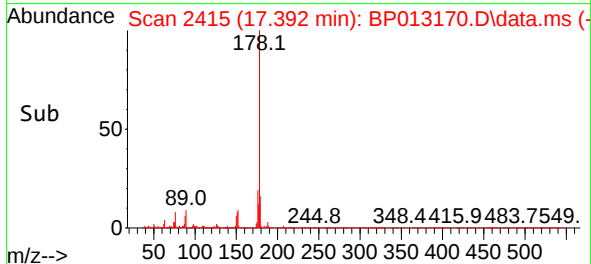
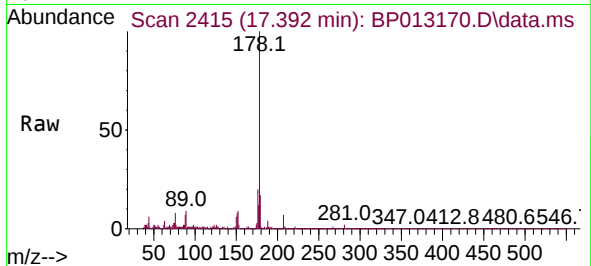
#72
Phenanthrene
Concen: 1.177 ng/ul
RT: 17.392 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04

Instrument :
BNA_P
ClientSampleId :
DBYG7

Tgt Ion:178 Resp: 149844
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 19.5 15.4 23.0

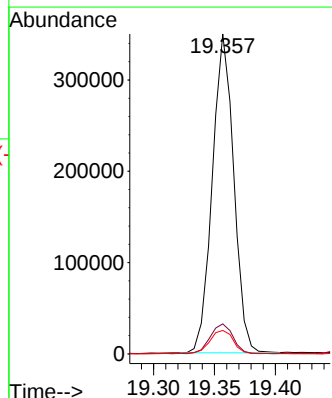
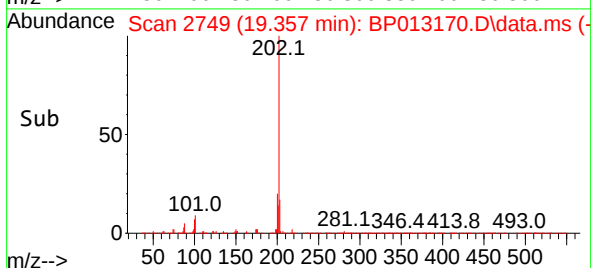
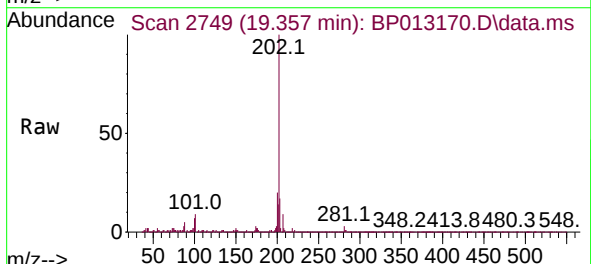
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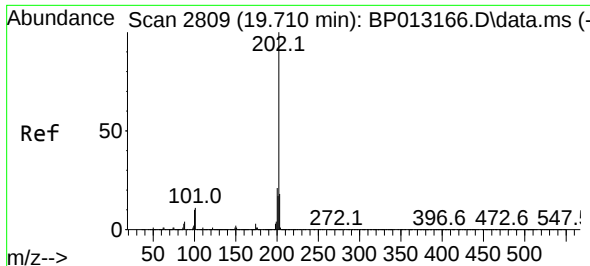
Reviewed By :Yogesh Patel 12/21/2022
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#80
Fluoranthene
Concen: 3.781 ng/ul
RT: 19.357 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04

Tgt Ion:202 Resp: 428320
Ion Ratio Lower Upper
202 100
101 9.4 8.2 12.2
100 7.4 6.1 9.1





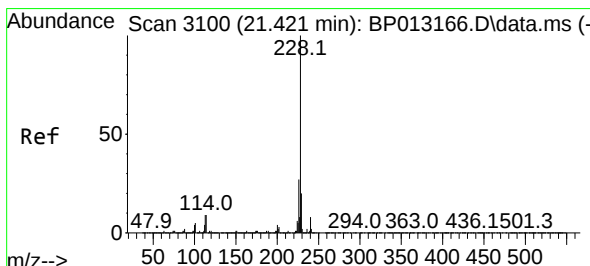
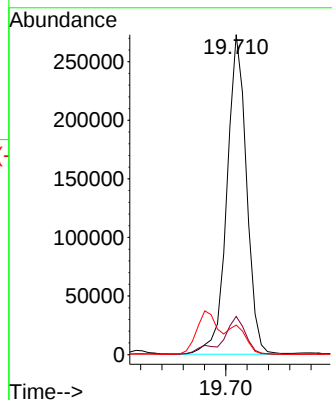
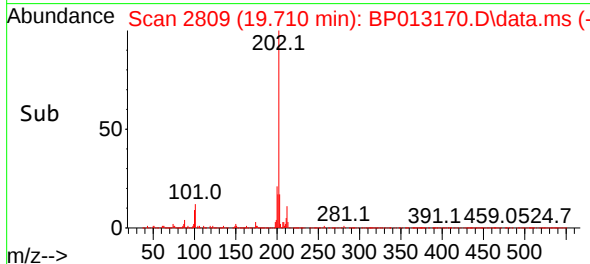
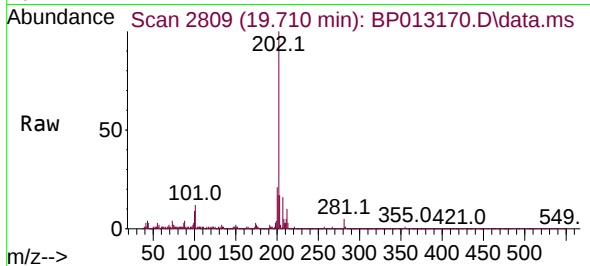
#82
Pyrene
Concen: 2.982 ng/ul
RT: 19.710 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04

Instrument :
BNA_P
ClientSampleId :
DBYG7

Tgt Ion:202 Resp: 348393
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 9.2 7.8 11.8

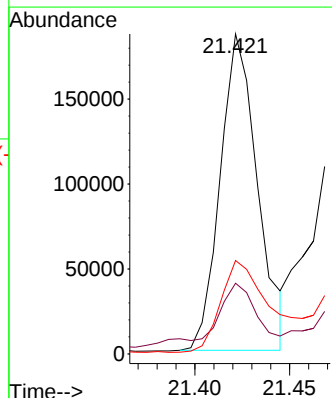
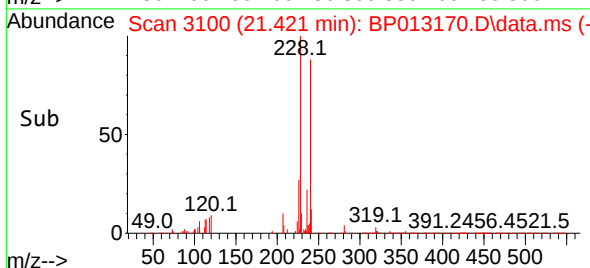
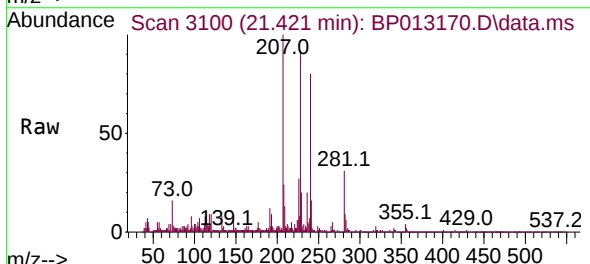
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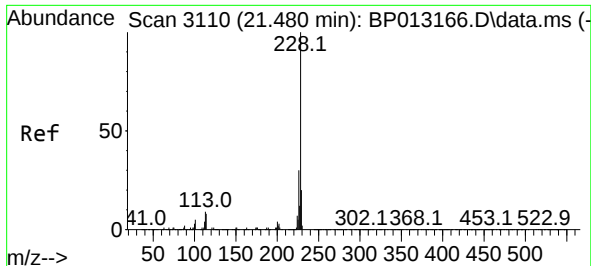
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#85
Benzo(a)anthracene
Concen: 2.217 ng/ul
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04

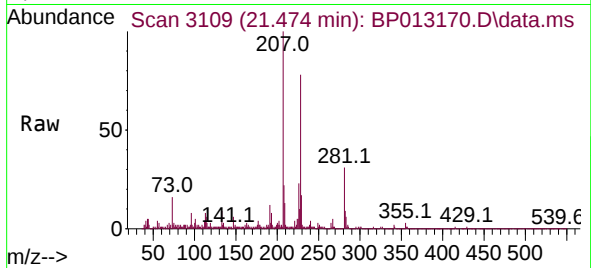
Tgt Ion:228 Resp: 255843
Ion Ratio Lower Upper
228 100
229 22.1 16.1 24.1
226 29.2 22.0 33.0





#87
Chrysene
Concen: 2.400 ng/ul
RT: 21.474 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04

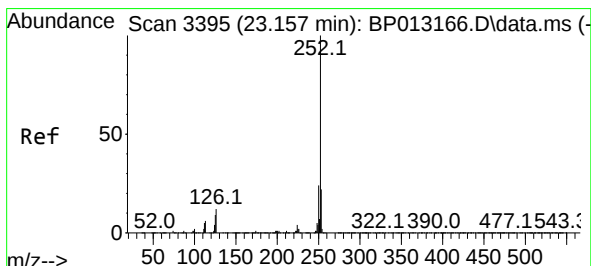
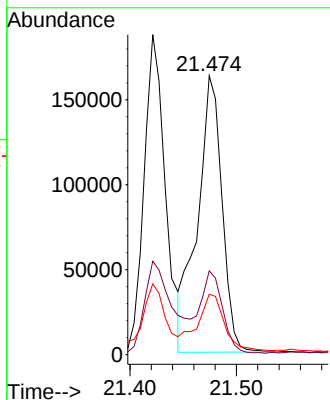
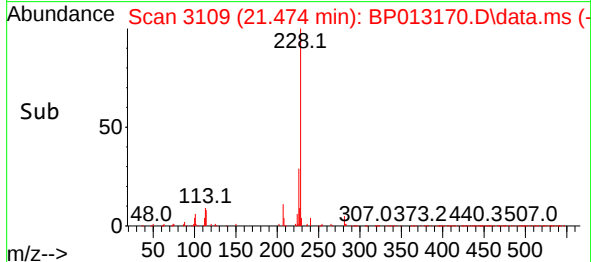
Instrument :
BNA_P
ClientSampleId :
DBYG7



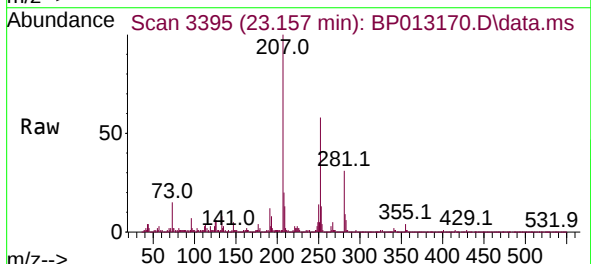
Tgt Ion:228 Resp: 261924
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 21.7 16.0 24.0

Manual Integrations
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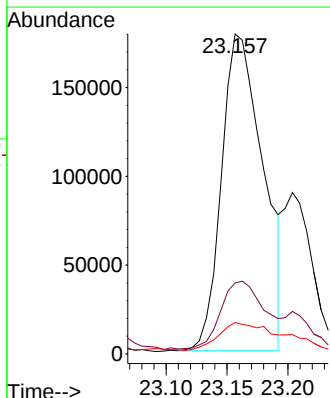
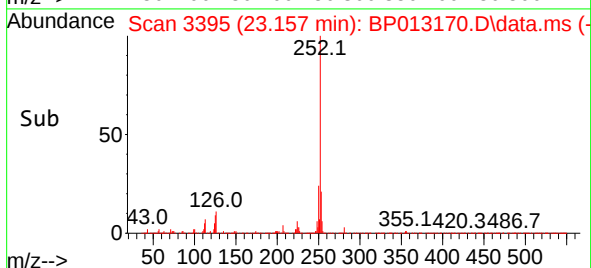
Reviewed By :Yogesh Patel 12/21/2022
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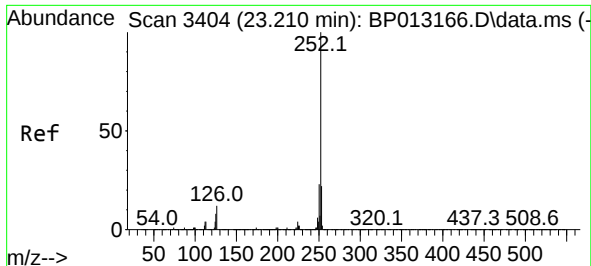


#90
Benzo(b)fluoranthene
Concen: 3.261 ng/ul
RT: 23.157 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04



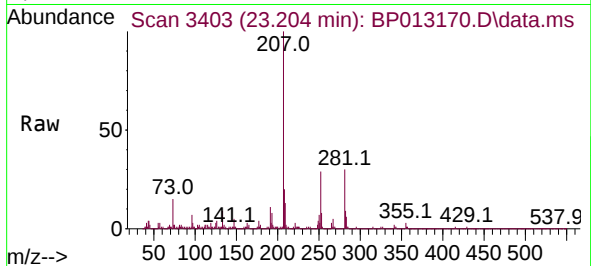
Tgt Ion:252 Resp: 424952
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 1.134 ng/ul m
RT: 23.204 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04

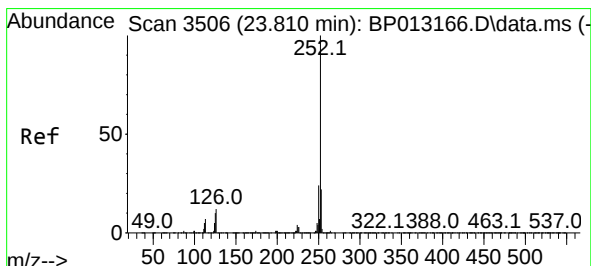
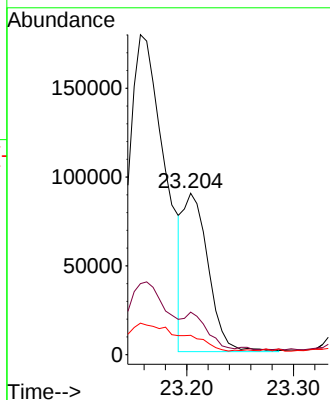
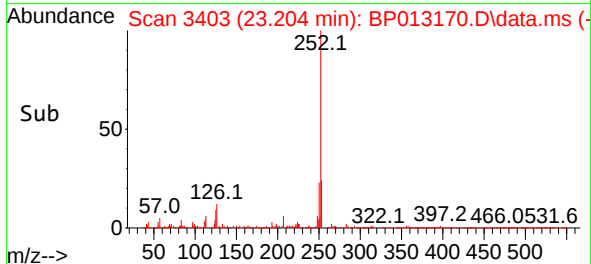
Instrument :
BNA_P
ClientSampleId :
DBYG7



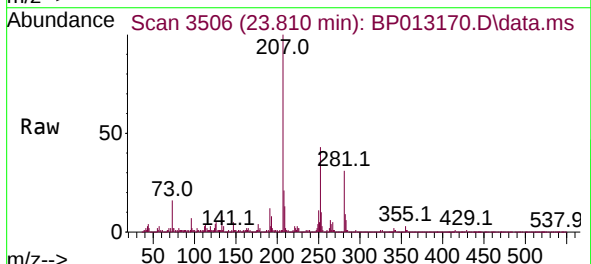
Tgt Ion:252 Resp: 146538
Ion Ratio Lower Upper
252 100
253 26.4 17.7 26.5
125 11.9 6.8 10.2

Manual Integrations
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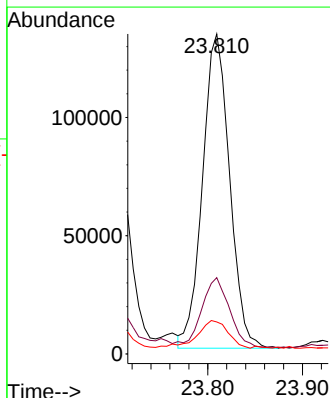
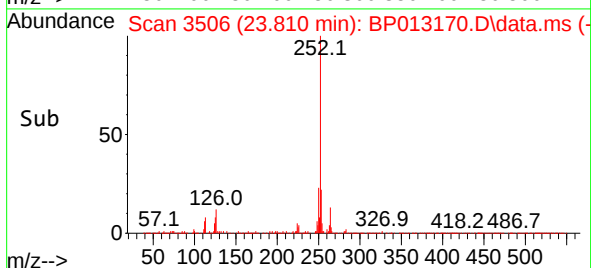
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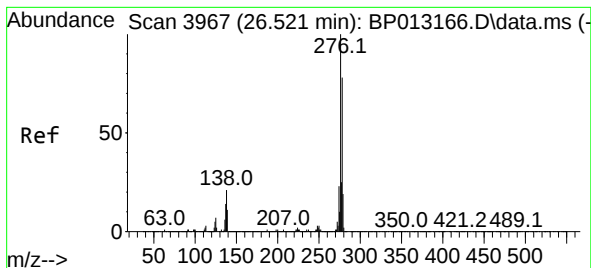


#93
Benzo(a)pyrene
Concen: 2.327 ng/ul
RT: 23.810 min Scan# 3506
Delta R.T. -0.000 min
Lab File: BP013170.D
Acq: 20 Dec 2022 17:04



Tgt Ion:252 Resp: 264063
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.0 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.640 ng/ul

RT: 26.503 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BP013170.D

Acq: 20 Dec 2022 17:04

Instrument :

BNA_P

ClientSampleId :

DBYG7

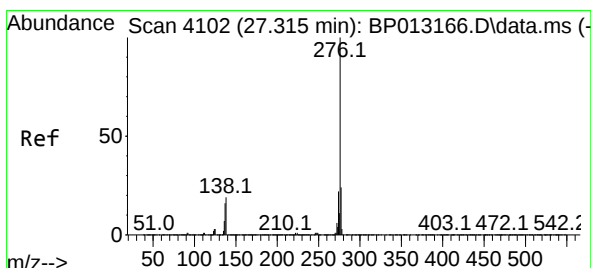
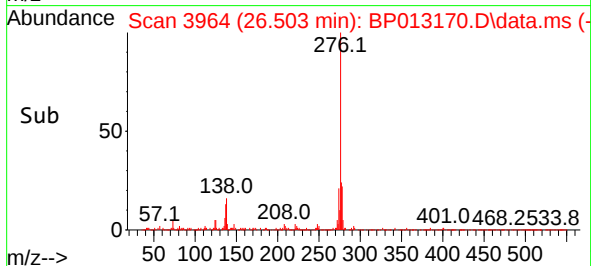
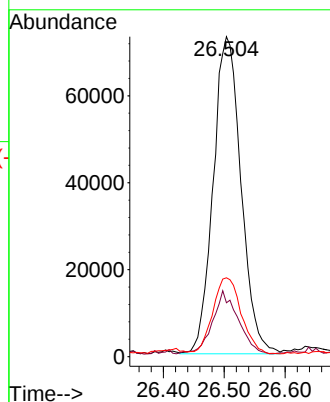
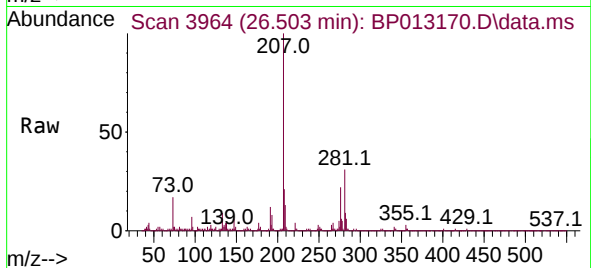
Tgt Ion:	276	Resp:	231745
Ion Ratio	Lower	Upper	
276	100		
138	16.8	17.1	25.7
277	24.6	20.0	30.0

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.849 ng/ul

RT: 27.303 min Scan# 4100

Delta R.T. -0.012 min

Lab File: BP013170.D

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Tgt Ion:	276	Resp:	209844
Ion Ratio	Lower	Upper	
276	100		
138	17.9	15.4	23.2
277	26.1	19.1	28.7

