

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
 Data File : BP013172.D
 Acq On : 20 Dec 2022 18:12
 Operator : CG/JU
 Sample : N6009-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXZ1

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 21:48:25 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	7.958	152	395951	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	1549220	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.593	164	849005	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	1638799	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	1569342	20.000	ng/u1	0.00
88) Perylene-d12	23.922	264	1931991	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	39522	4.268	ng/uL	0.00
4) Pyridine-d5	3.776	84	142433	5.414	ng/u1	0.01
7) Phenol-d5	7.111	99	753733	23.371	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	505216	25.968	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	646249	25.454	ng/u1	0.00
15) 4-Methylphenol-d8	8.664	113	508781	19.253	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	310603	27.288	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	337981	26.375	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	612568	24.611	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	510132	14.518	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	1674930	25.669	ng/u1	0.00
49) Acenaphthylene-d8	14.293	160	1927121	26.878	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	171436	14.606	ng/u1	0.00
60) Fluorene-d10	15.587	176	1428463	25.877	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	171696	16.281	ng/u1	0.00
73) Anthracene-d10	17.451	188	1948043	26.348	ng/u1	0.00
81) Pyrene-d10	19.681	212	2365206	26.257	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	2637111	27.385	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.392	178	440971	5.166	ng/u1	99
80) Fluoranthene	19.357	202	766426	7.496	ng/u1	98
82) Pyrene	19.710	202	644725	6.113	ng/u1	99
85) Benzo(a)anthracene	21.422	228	379653	3.644	ng/u1	98
87) Chrysene	21.475	228	444176	4.508	ng/u1	98
90) Benzo(b)fluoranthene	23.163	252	699191	5.675	ng/u1	97
91) Benzo(k)fluoranthene	23.204	252	232466m	1.903	ng/u1	
93) Benzo(a)pyrene	23.810	252	426032	3.972	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.510	276	348976	2.612	ng/u1#	95
96) Benzo(g,h,i)perylene	27.310	276	315525	2.941	ng/u1	99

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

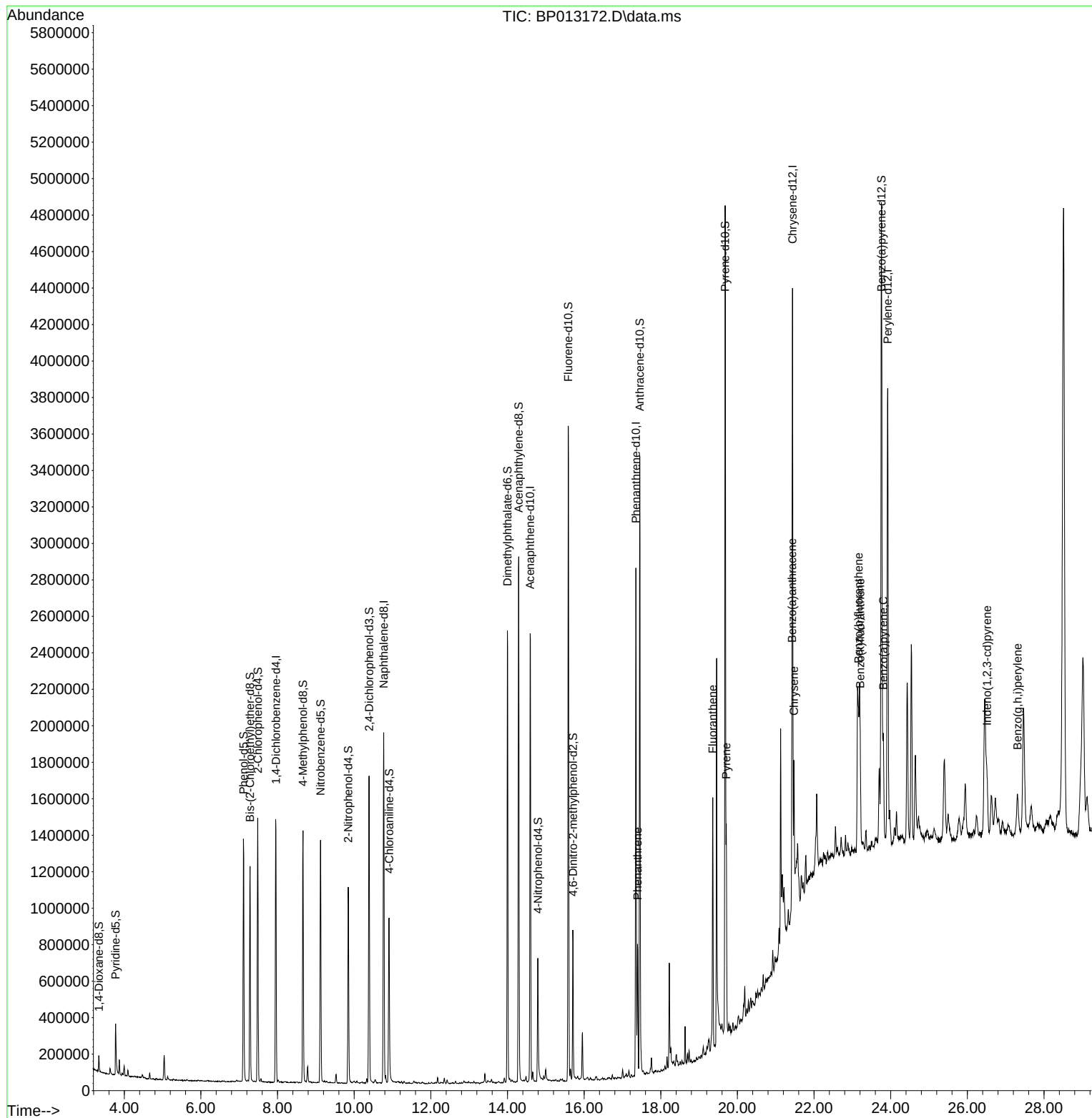
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013172.D
Acq On : 20 Dec 2022 18:12
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ALS Vial : 53 Sample Multiplier: 1

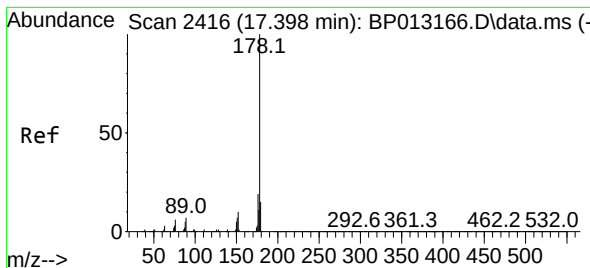
Instrument :
BNA_P
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Quant Time: Dec 20 21:48:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
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#72

Phenanthrene

Concen: 5.166 ng/ul

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBXZ1

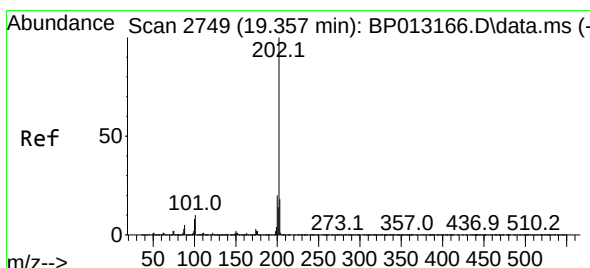
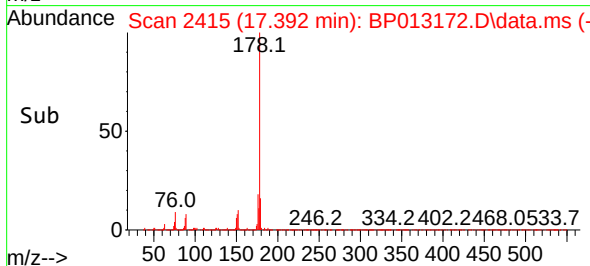
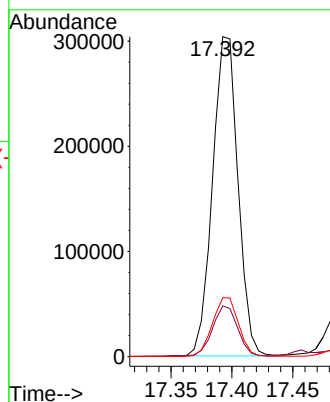
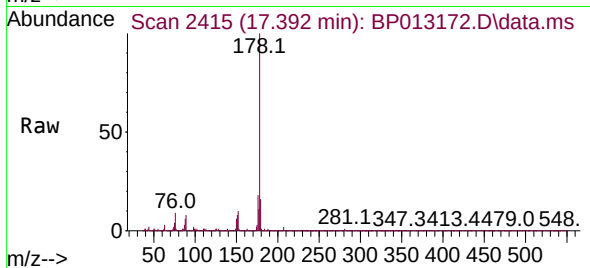
Tgt Ion:178	Resp: 44097
Ion Ratio	Lower Upper
178 100	
179 15.8	12.5 18.7
176 18.4	15.4 23.0

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#80

Fluoranthene

Concen: 7.496 ng/ul

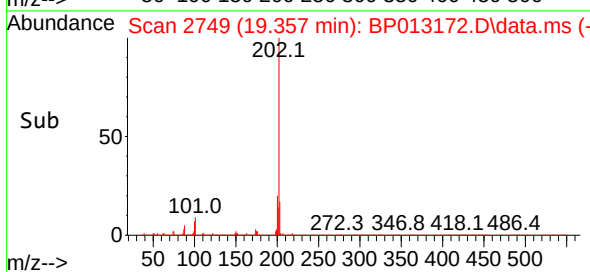
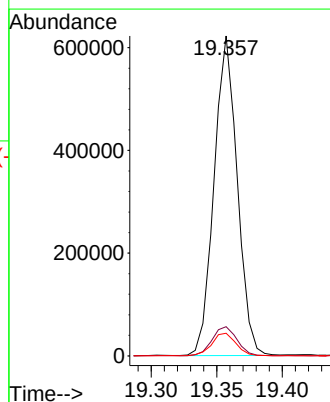
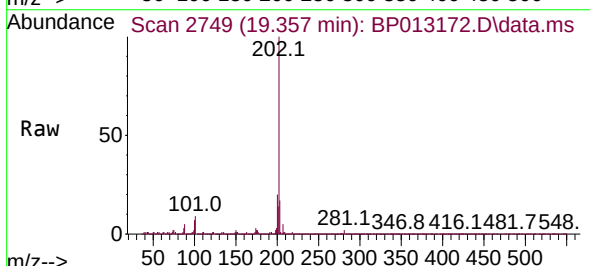
RT: 19.357 min Scan# 2749

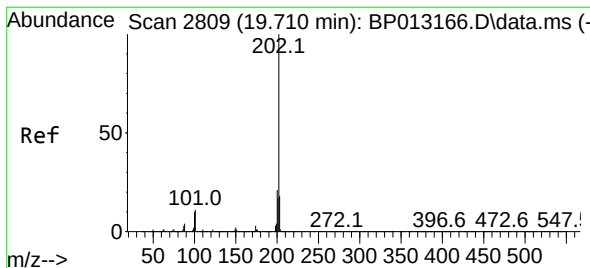
Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Tgt Ion:202	Resp: 766426
Ion Ratio	Lower Upper
202 100	
101 9.1	8.2 12.2
100 7.1	6.1 9.1





#82

Pyrene

Concen: 6.113 ng/ul

RT: 19.710 min Scan# 2809

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBXZ1

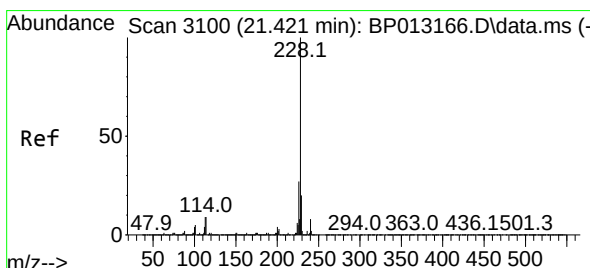
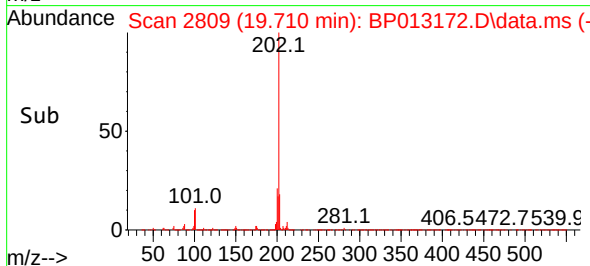
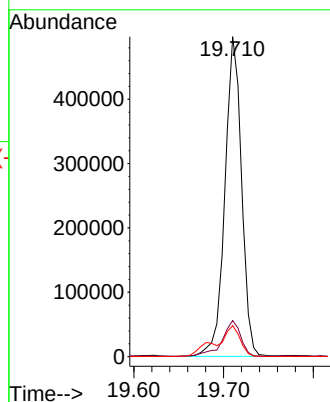
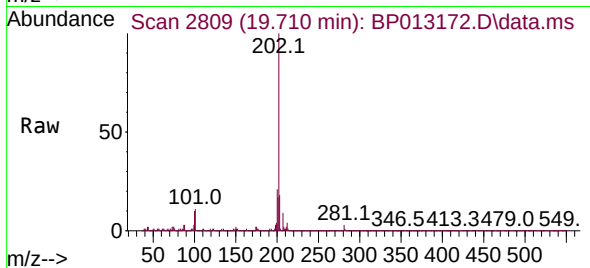
Tgt Ion:	202	Resp:	644725
Ion Ratio	Lower	Upper	
202	100		
101	11.3	9.4	14.2
100	9.7	7.8	11.8

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#85

Benzo(a)anthracene

Concen: 3.644 ng/ul

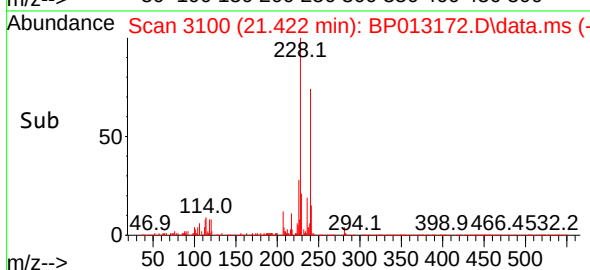
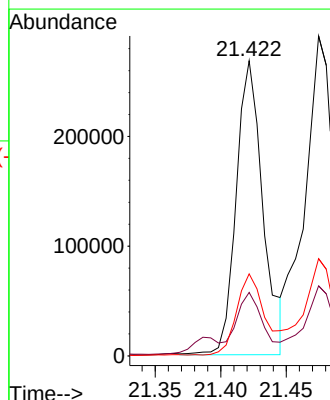
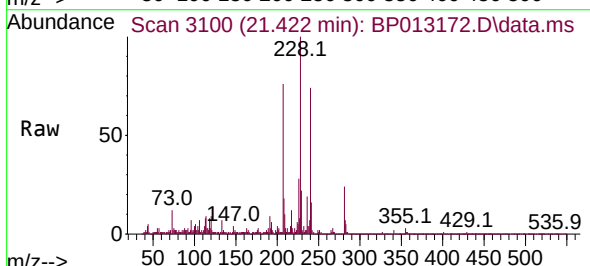
RT: 21.422 min Scan# 3100

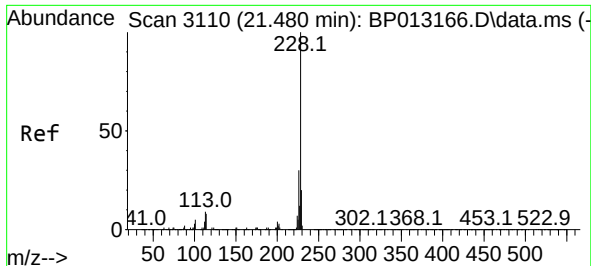
Delta R.T. 0.000 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

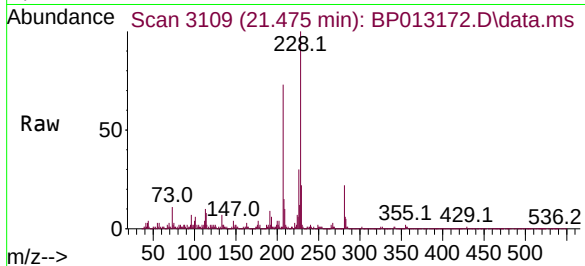
Tgt Ion:	228	Resp:	379653
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.1	24.1
226	27.8	22.0	33.0





#87
Chrysene
Concen: 4.508 ng/ul
RT: 21.475 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

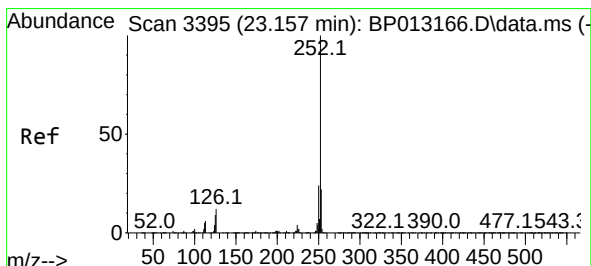
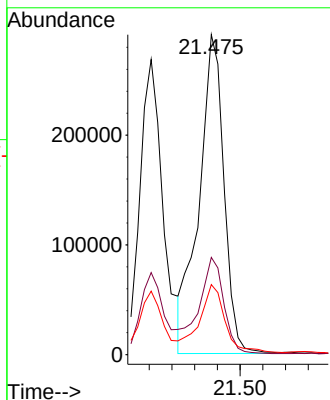
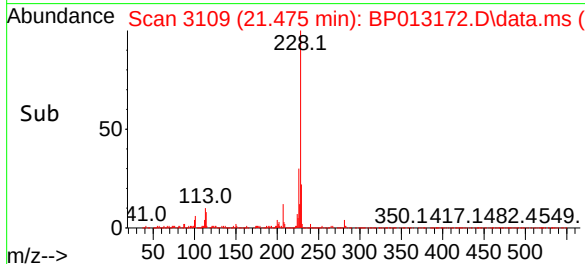
Instrument :
BNA_P
ClientSampleId :
DBXZ1



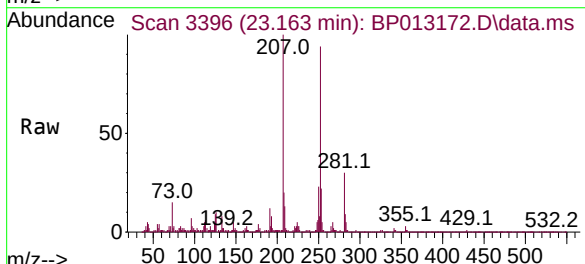
Tgt Ion:228 Resp: 444176
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 21.9 16.0 24.0

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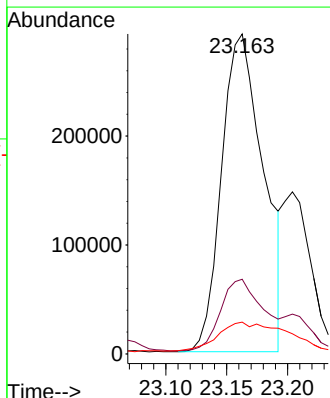
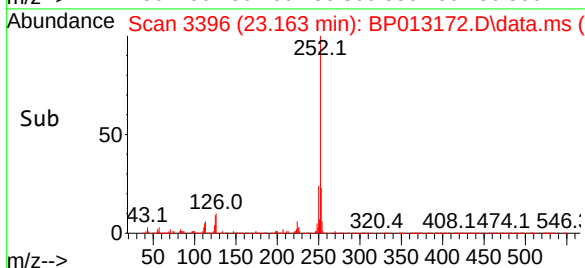
Reviewed By :Yogesh Patel 12/21/2022
Supervised By :mohammad ahmed 12/21/2022

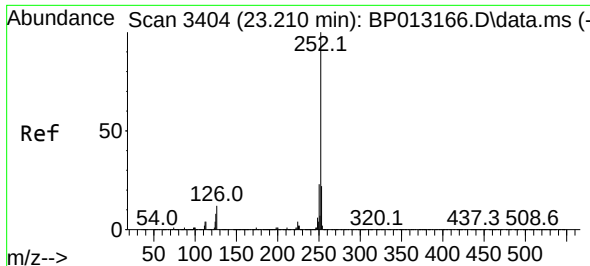


#90
Benzo(b)fluoranthene
Concen: 5.675 ng/ul
RT: 23.163 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12



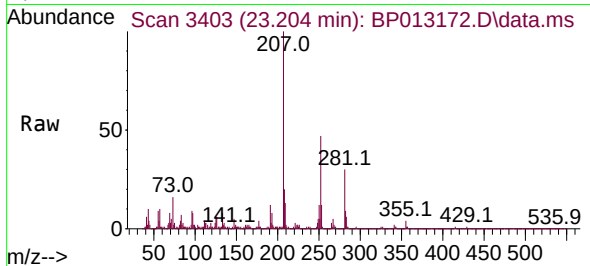
Tgt Ion:252 Resp: 699191
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.9 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 1.903 ng/ul m
RT: 23.204 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

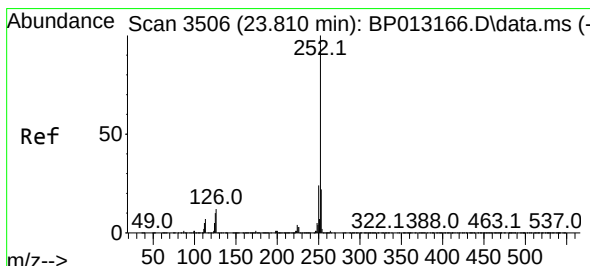
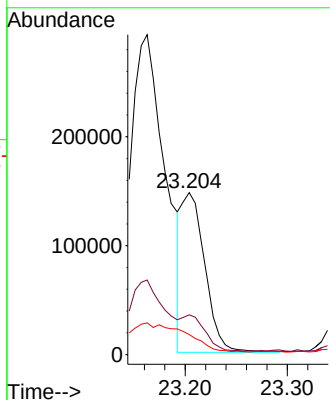
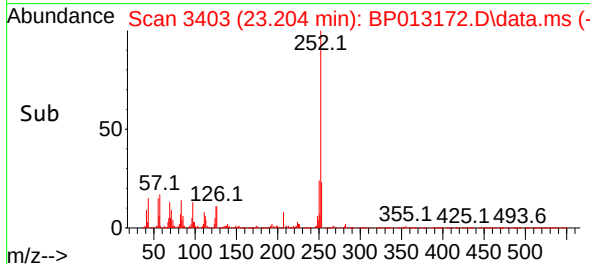
Instrument : BNA_P
ClientSampleId : DBXZ1



Tgt Ion:252 Resp: 232466
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 12.5 6.8 10.2

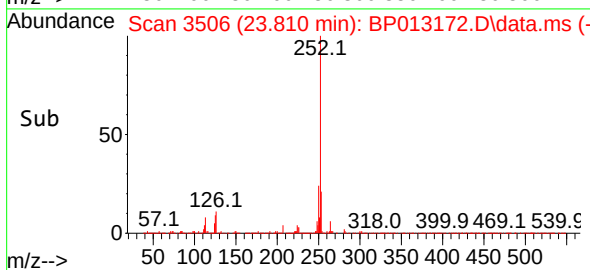
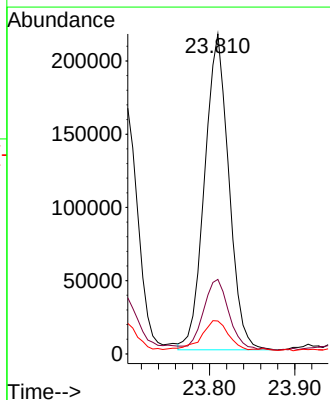
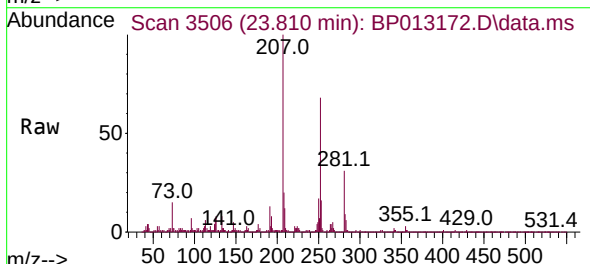
Manual Integrations
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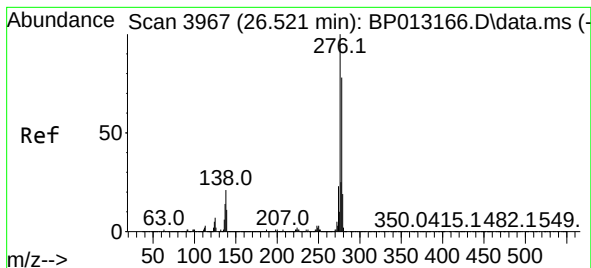
Reviewed By :Yogesh Patel 12/21/2022
Supervised By :mohammad ahmed 12/21/2022



#93
Benzo(a)pyrene
Concen: 3.972 ng/ul
RT: 23.810 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP013172.D
Acq: 20 Dec 2022 18:12

Tgt Ion:252 Resp: 426032
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 10.3 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.612 ng/ul

RT: 26.510 min Scan# 3967

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Instrument :

BNA_P

ClientSampleId :

DBXZ1

Tgt Ion:276 Resp: 348976

Ion Ratio Lower Upper

276 100

138 16.9 17.1 25.7

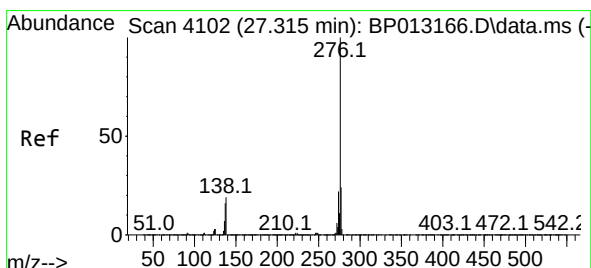
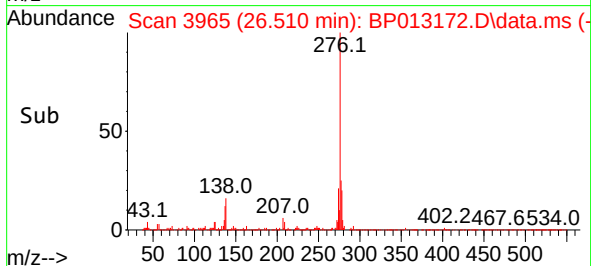
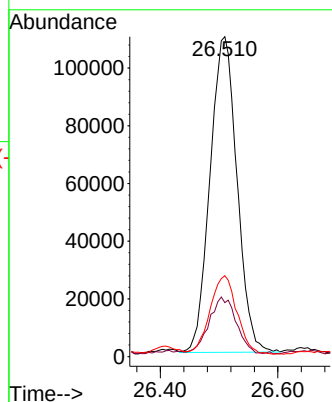
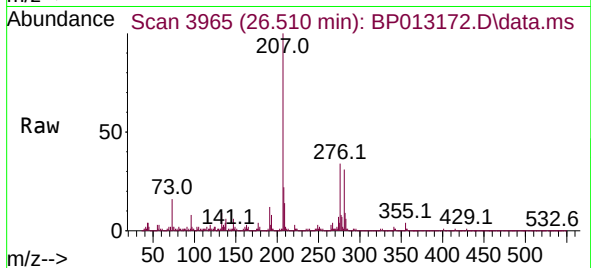
277 25.3 20.0 30.0

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.941 ng/ul

RT: 27.310 min Scan# 4101

Delta R.T. -0.006 min

Lab File: BP013172.D

Acq: 20 Dec 2022 18:12

Tgt Ion:276 Resp: 315525

Ion Ratio Lower Upper

276 100

138 19.8 15.4 23.2

277 23.9 19.1 28.7

