

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017977.D
 Acq On : 09 Nov 2023 00:13
 Operator : MA/JU
 Sample : 05060-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKG3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 01:36:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	68867	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	298839	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	186402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	406155	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.404	240	365371	20.000	ng/u1	-0.01
88) Perylene-d12	23.886	264	394851	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3628	2.016	ng/uL	0.00
4) Pyridine-d5	3.705	84	9286m	1.860	ng/u1	0.03
7) Phenol-d5	7.022	99	63667	9.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	43696	11.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	53782	10.838	ng/u1	-0.01
15) 4-Methylphenol-d8	8.581	113	42233	7.912	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	26473	11.085	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	28012	10.184	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	50110	9.937	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	17228	2.358	ng/u1	0.02
46) Dimethylphthalate-d6	13.934	166	192274	11.764	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	201138	11.215	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	12535m	4.988	ng/u1	0.02
60) Fluorene-d10	15.516	176	160516	11.733	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	19166	6.453	ng/u1	0.00
73) Anthracene-d10	17.387	188	237606	11.252	ng/u1	-0.01
81) Pyrene-d10	19.639	212	293368	12.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	254704	11.545	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.716	128	26810	1.546	ng/u1	98
50) Acenaphthylene	14.246	152	46056	2.294	ng/u1	98
72) Phenanthrene	17.328	178	120139	5.031	ng/u1	99
74) Anthracene	17.422	178	151424	6.238	ng/u1	99
80) Fluoranthene	19.310	202	883663	32.646	ng/u1	99
82) Pyrene	19.669	202	1023987	36.269	ng/u1	99
85) Benzo(a)anthracene	21.392	228	566985	20.150	ng/u1	98
87) Chrysene	21.445	228	776715m	29.768	ng/u1	
90) Benzo(b)fluoranthene	23.116	252	1039050	38.126	ng/u1	99
91) Benzo(k)fluoranthene	23.163	252	342380	12.528	ng/u1	98
93) Benzo(a)pyrene	23.774	252	399136	15.755	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.510	276	265213	8.789	ng/u1	99
95) Dibenzo(a,h)anthracene	26.515	278	72303	2.880	ng/u1#	87
96) Benzo(g,h,i)perylene	27.327	276	215472	8.970	ng/u1	99

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

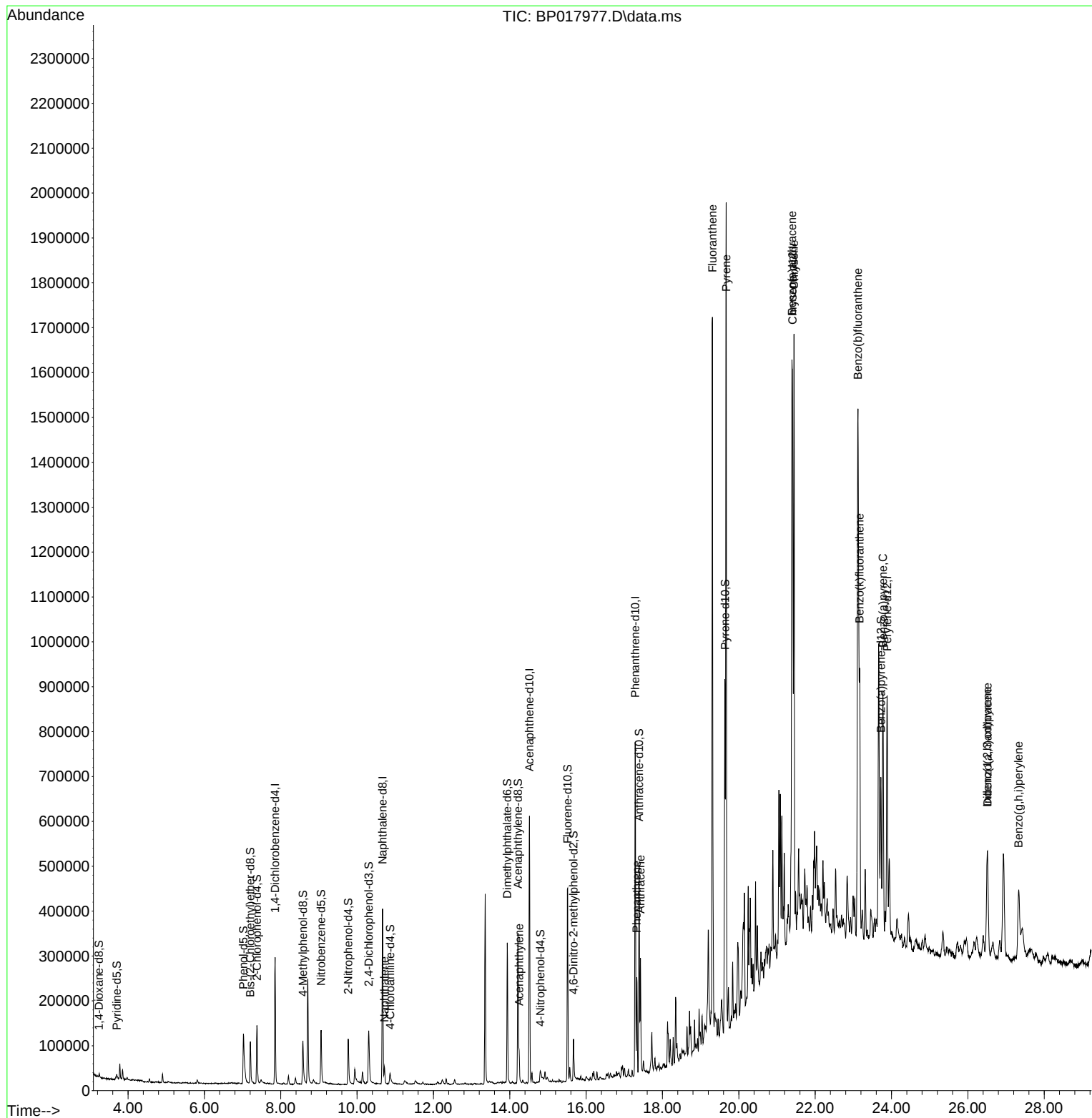
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017977.D
Acq On : 09 Nov 2023 00:13
Operator : MA/JU
Sample : 05060-05
Misc :
ALS Vial : 58 Sample Multiplier: 1

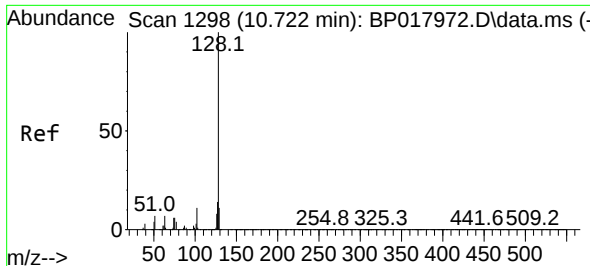
Instrument :
BNA_P
ClientSampleId :
DCKG3

Quant Time: Nov 09 01:36:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:40:56 2023
Response via : Initial Calibration

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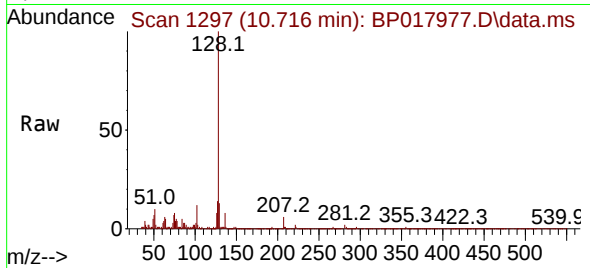
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023





#30
Naphthalene
Concen: 1.546 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

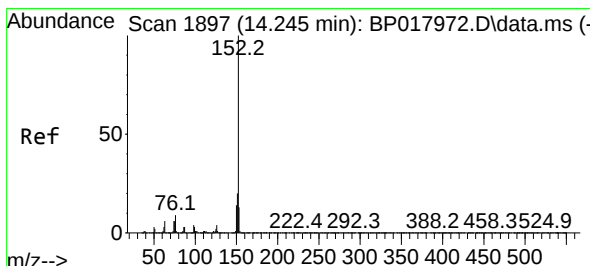
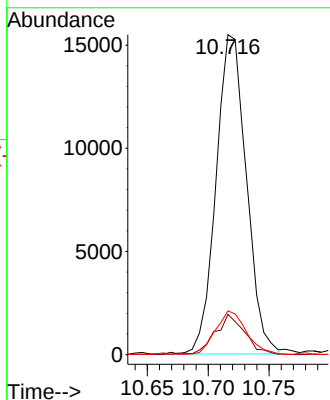
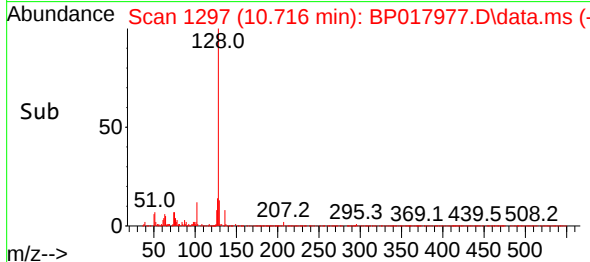
Instrument :
BNA_P
ClientSampleId :
DCKG3



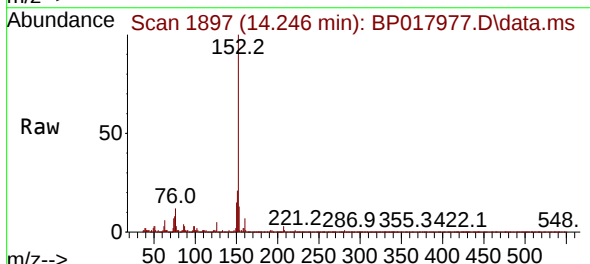
Tgt Ion:128 Resp: 26810
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 13.7 10.6 15.8

Manual Integrations
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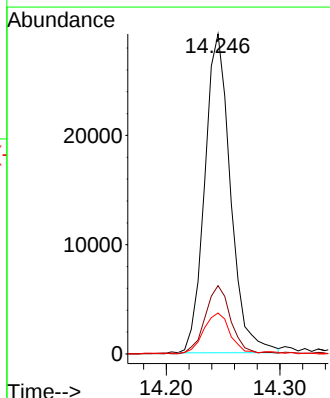
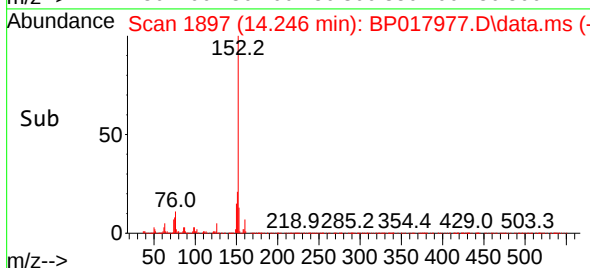
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

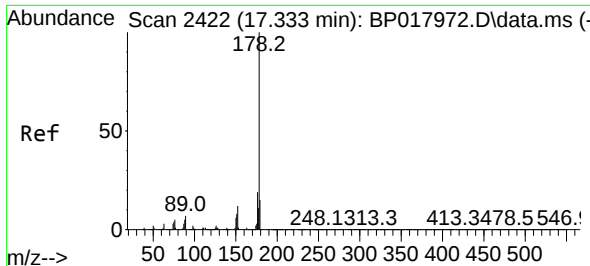


#50
Acenaphthylene
Concen: 2.294 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13



Tgt Ion:152 Resp: 46056
Ion Ratio Lower Upper
152 100
151 21.3 15.9 23.9
153 12.8 10.4 15.6





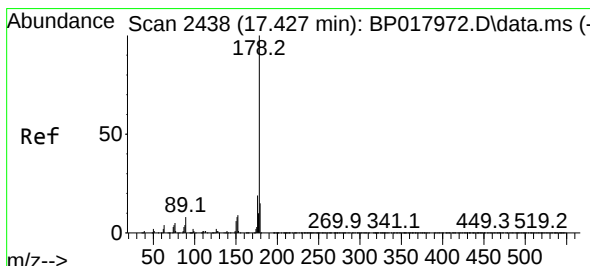
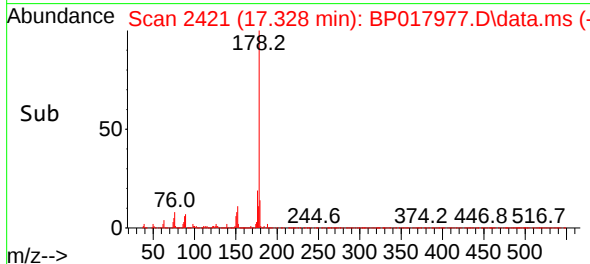
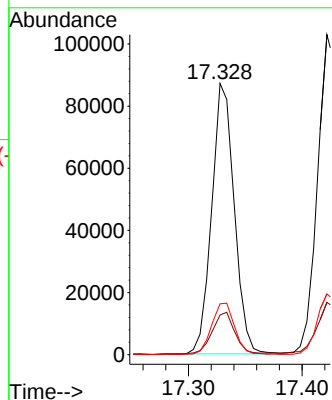
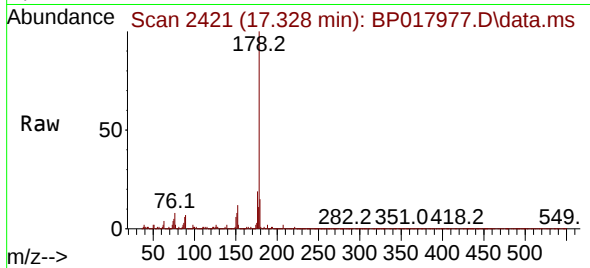
#72
Phenanthrene
Concen: 5.031 ng/ul
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

Instrument :
BNA_P
ClientSampleId :
DCKG3

Tgt Ion:178 Resp: 120139
Ion Ratio Lower Upper
178 100
179 14.6 12.3 18.5
176 18.8 15.2 22.8

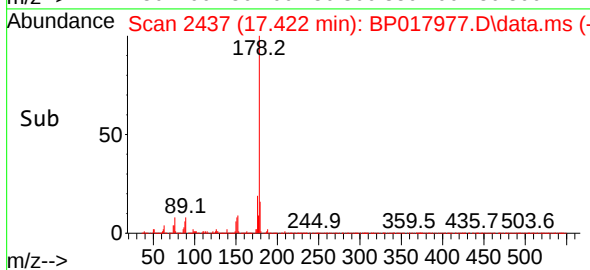
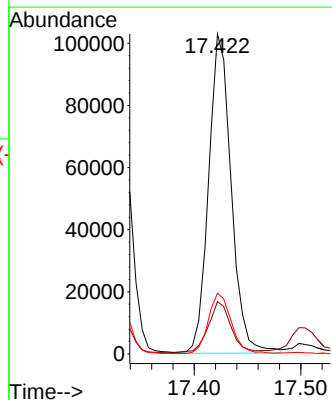
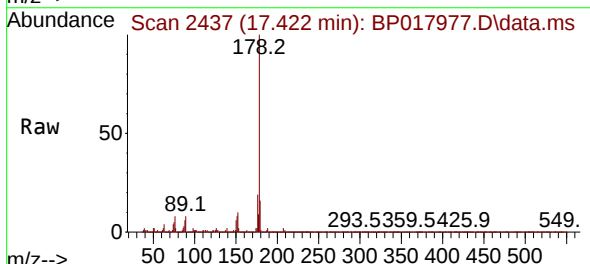
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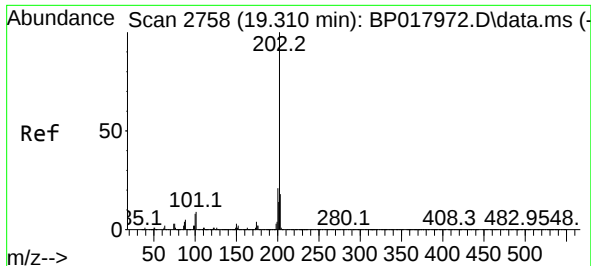
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#74
Anthracene
Concen: 6.238 ng/ul
RT: 17.422 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

Tgt Ion:178 Resp: 151424
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 19.0 14.9 22.3





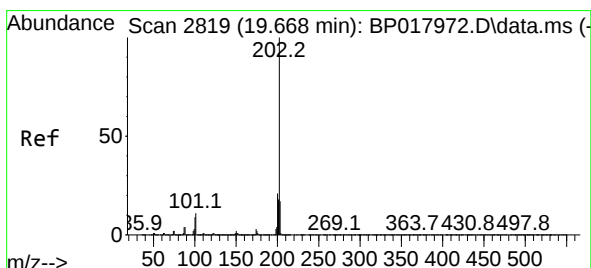
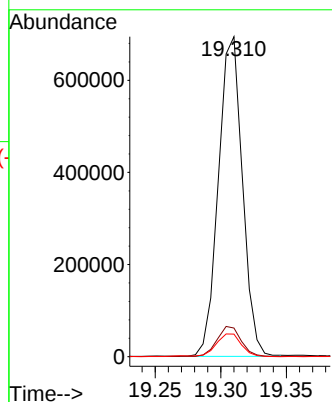
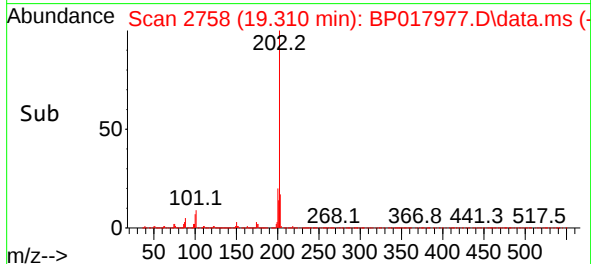
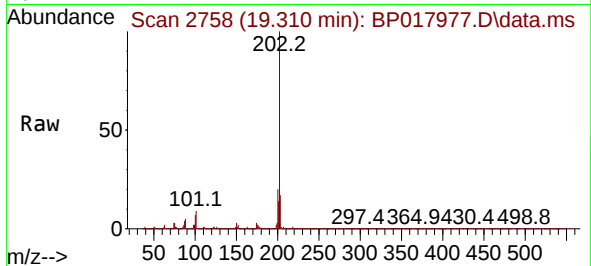
#80
Fluoranthene
Concen: 32.646 ng/u1
RT: 19.310 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

Instrument :
BNA_P
ClientSampleId :
DCKG3

Tgt Ion:202 Resp: 88366
Ion Ratio Lower Upper
202 100
101 8.9 7.1 10.7
100 7.1 5.3 7.9

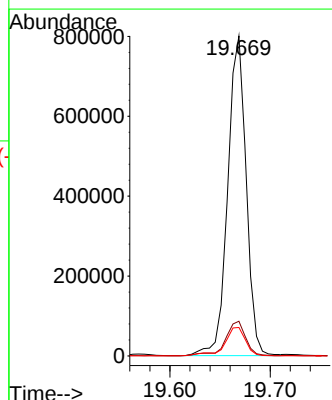
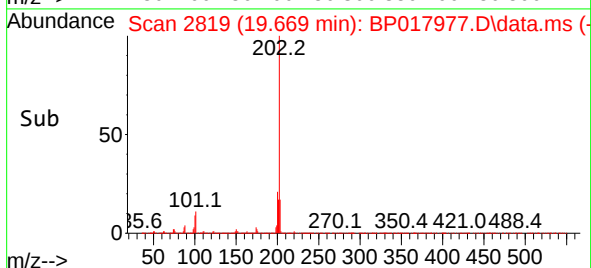
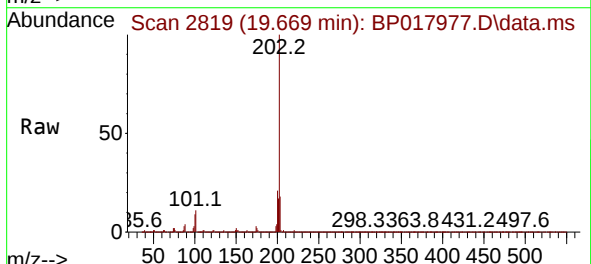
Manual Integrations
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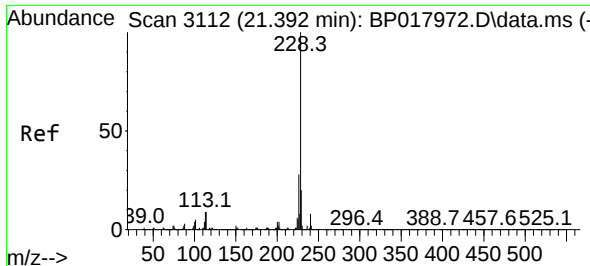
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#82
Pyrene
Concen: 36.269 ng/u1
RT: 19.669 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

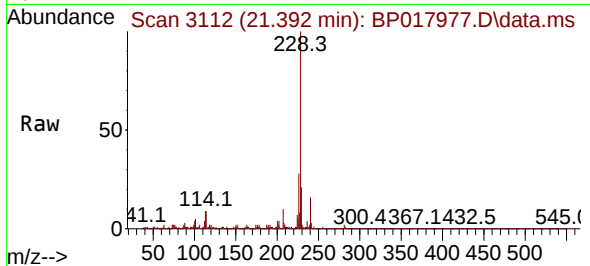
Tgt Ion:202 Resp: 1023987
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.9 7.3 10.9





#85
Benzo(a)anthracene
Concen: 20.150 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

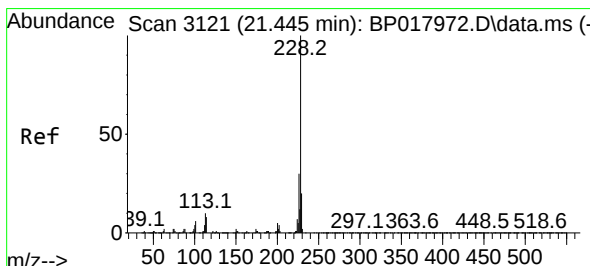
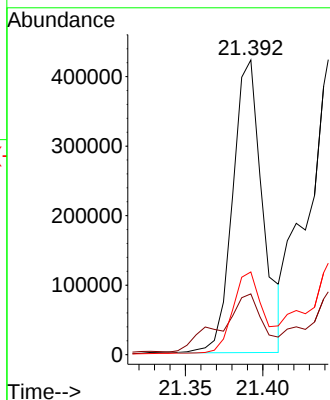
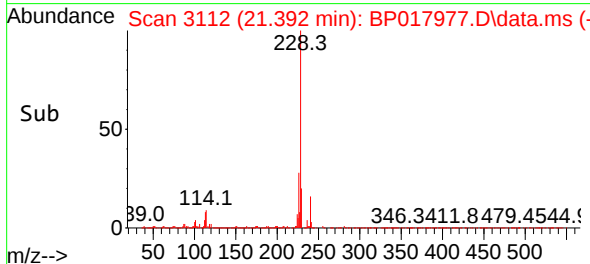
Instrument :
BNA_P
ClientSampleId :
DCKG3



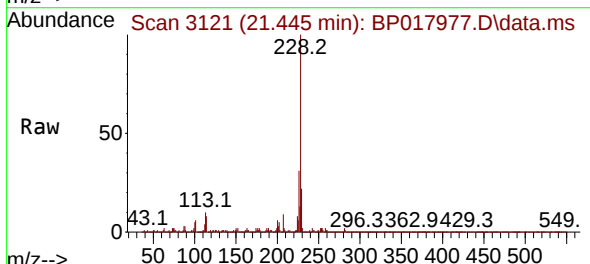
Tgt Ion:228 Resp: 566985
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.2
226 28.1 21.6 32.4

Manual Integrations
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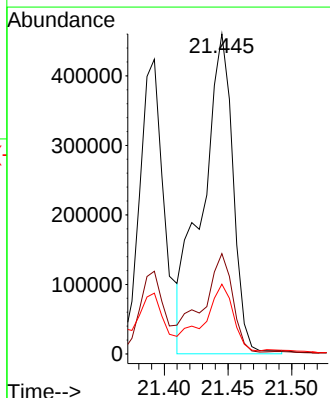
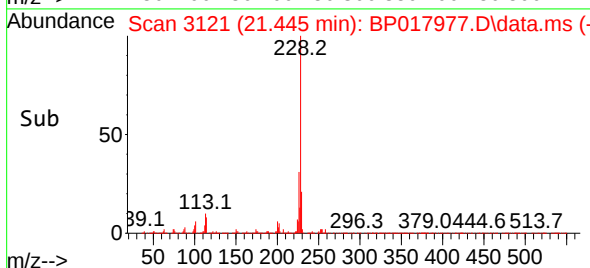
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

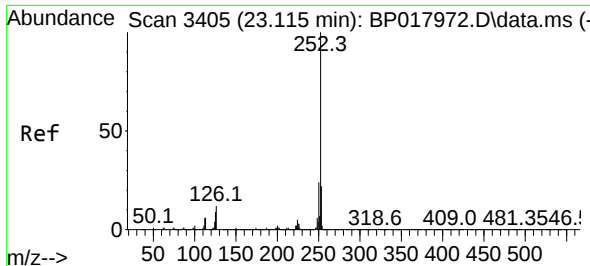


#87
Chrysene
Concen: 29.768 ng/ul m
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13



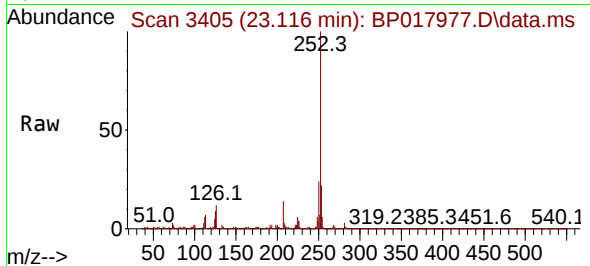
Tgt Ion:228 Resp: 776715
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 21.8 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 38.126 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

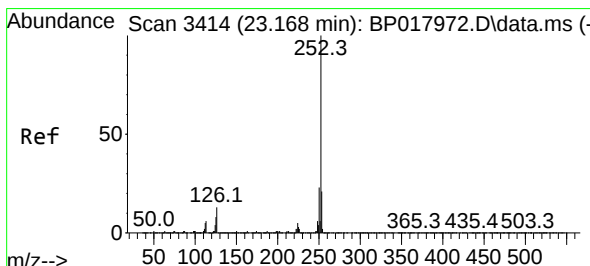
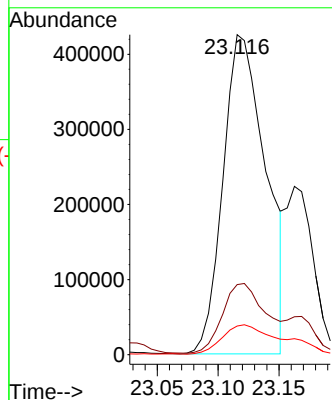
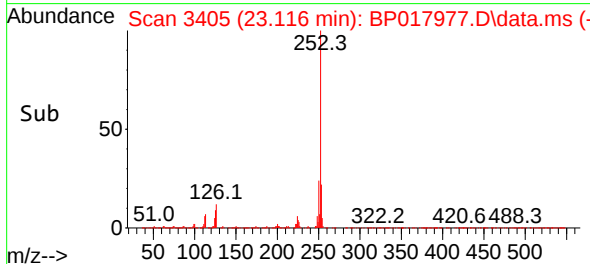
Instrument :
BNA_P
ClientSampleId :
DCKG3



Tgt Ion:252 Resp: 1039050
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 8.9 6.6 10.0

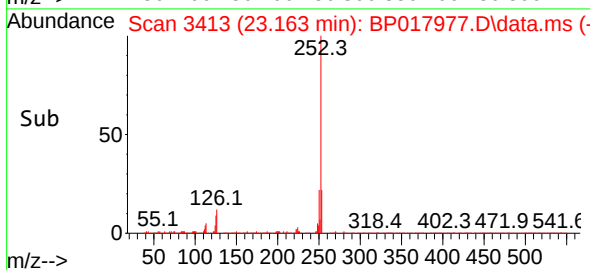
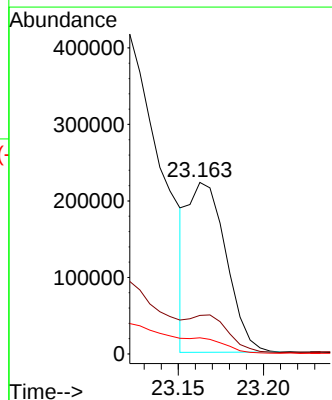
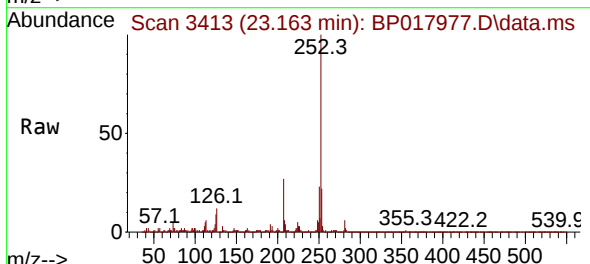
Manual Integrations
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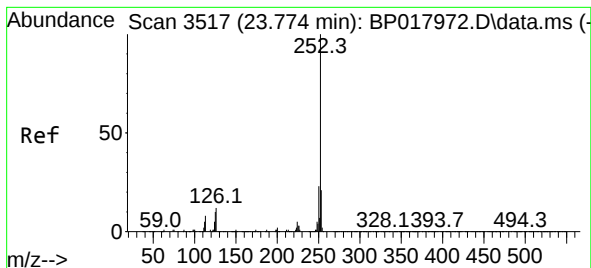
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#91
Benzo(k)fluoranthene
Concen: 12.528 ng/ul
RT: 23.163 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

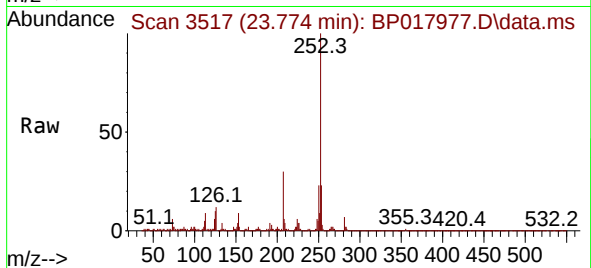
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Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 9.5 7.0 10.6





#93
Benzo(a)pyrene
Concen: 15.755 ng/ul
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

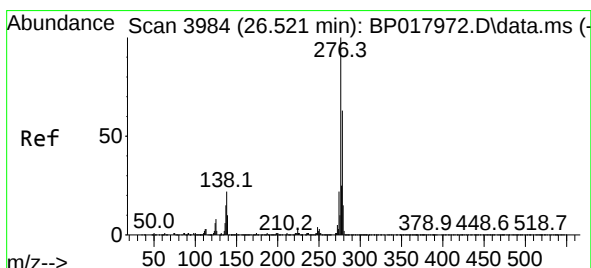
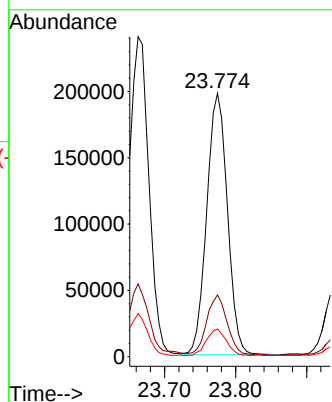
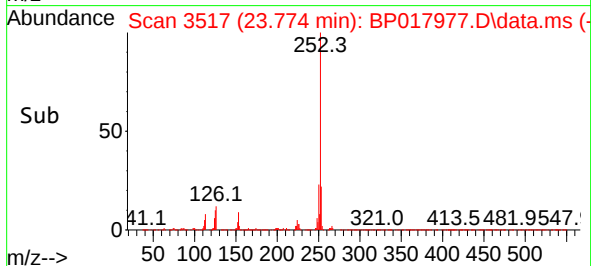
Instrument :
BNA_P
ClientSampleId :
DCKG3



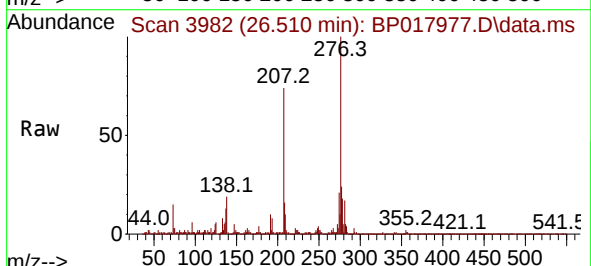
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Ion Ratio Lower Upper
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253 23.4 17.3 25.9
125 10.4 7.5 11.3

Manual Integrations
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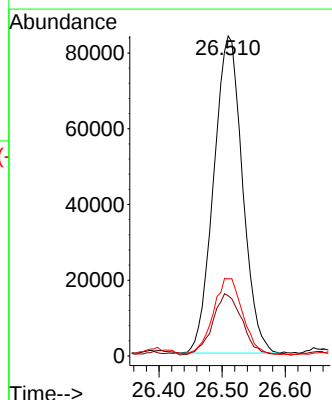
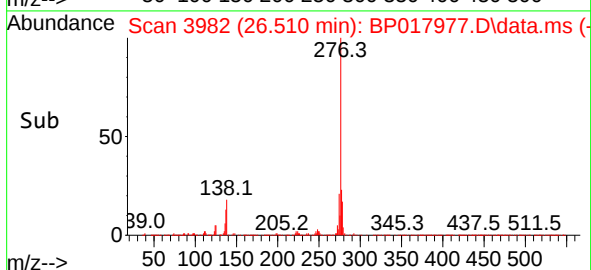
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023

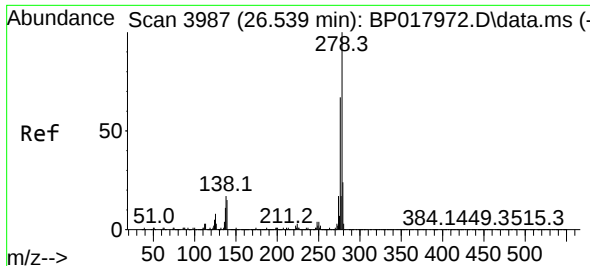


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.789 ng/ul
RT: 26.510 min Scan# 3982
Delta R.T. -0.018 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13



Tgt Ion:276 Resp: 265213
Ion Ratio Lower Upper
276 100
138 18.8 15.9 23.9
277 24.1 19.5 29.3





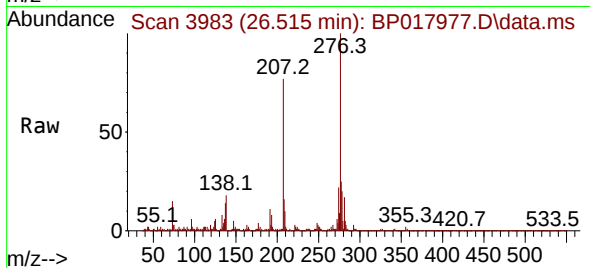
#95
Dibenzo(a,h)anthracene
Concen: 2.880 ng/ul
RT: 26.515 min Scan# 3987
Delta R.T. -0.035 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13

Instrument :

BNA_P

ClientSampleId :

DCKG3



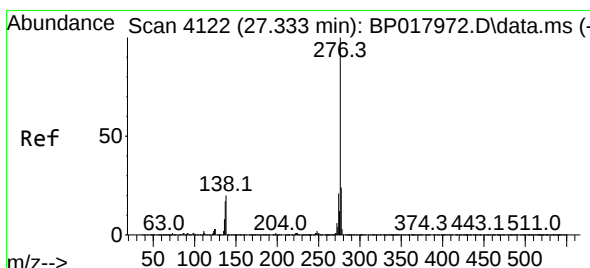
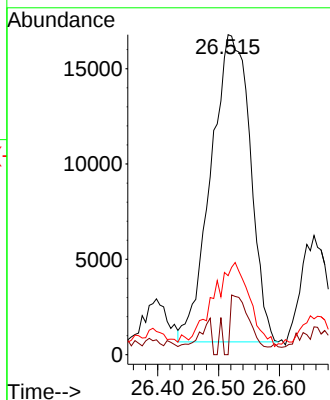
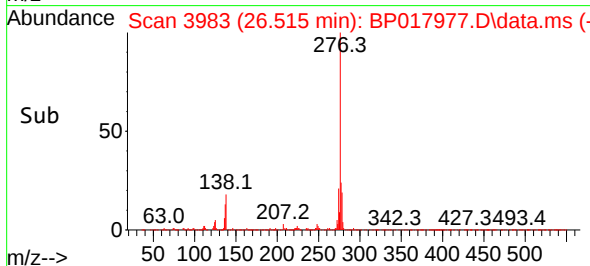
Tgt Ion: 278 Resp: 7230
Ion Ratio Lower Upper
278 100
139 0.0 11.0 16.4
279 24.7 19.1 28.7

Manual Integrations

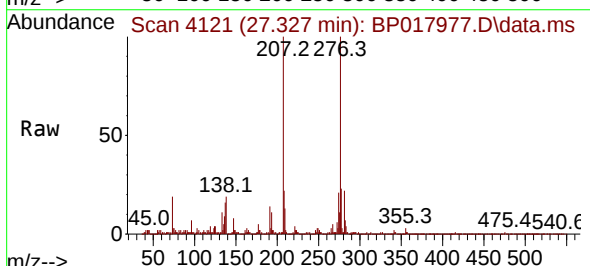
APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#96
Benzo(g,h,i)perylene
Concen: 8.970 ng/ul
RT: 27.327 min Scan# 4121
Delta R.T. -0.023 min
Lab File: BP017977.D
Acq: 09 Nov 2023 00:13



Tgt Ion: 276 Resp: 215472
Ion Ratio Lower Upper
276 100
138 19.2 14.7 22.1
277 23.4 19.2 28.8

