

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017975.D
 Acq On : 08 Nov 2023 23:05
 Operator : MA/JU
 Sample : 05060-18
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKH4

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 23:58:56 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	66806	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.669	136	277108	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	178690	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	399948	20.000	ng/u1	-0.01
79) Chrysene-d12	21.404	240	395643	20.000	ng/u1	-0.01
88) Perylene-d12	23.886	264	439039	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3374	1.933	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.022	99	53270	8.503	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	37038	9.801	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	44927	9.333	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	27669	5.344	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	21608	9.758	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	24053	9.430	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	39894	8.532	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	32317	4.769	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	173417	11.068	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	172076	10.009	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	12199m	5.064	ng/u1	0.02
60) Fluorene-d10	15.516	176	143472	10.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	17939	6.133	ng/u1	0.00
73) Anthracene-d10	17.386	188	210372	10.117	ng/u1	-0.01
81) Pyrene-d10	19.639	212	301837	12.018	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	287648	11.726	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.334	178	62715	2.667	ng/u1	99
74) Anthracene	17.428	178	68380	2.861	ng/u1	99
80) Fluoranthene	19.304	202	206681	7.051	ng/u1	97
82) Pyrene	19.663	202	184951	6.050	ng/u1	99
85) Benzo(a)anthracene	21.386	228	68216	2.239	ng/u1	97
87) Chrysene	21.445	228	78603m	2.782	ng/u1	
90) Benzo(b)fluoranthene	23.116	252	80697	2.663	ng/u1#	96
93) Benzo(a)pyrene	23.774	252	32524	1.155	ng/u1#	94

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

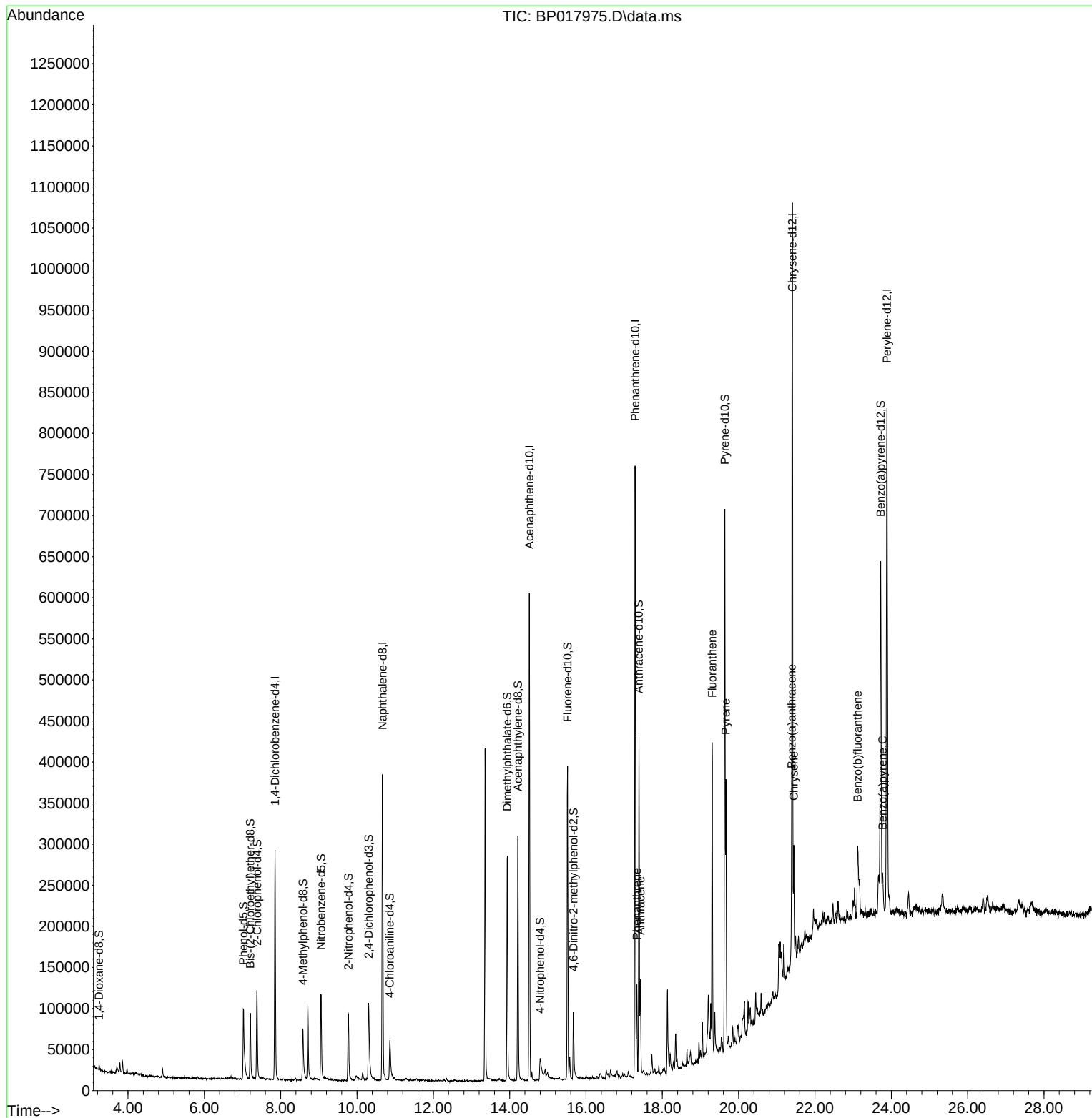
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
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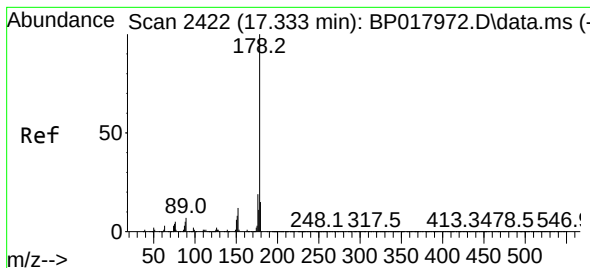
Instrument :
BNA_P
ClientSampleId :
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#72

Phenanthrene

Concen: 2.667 ng/ul

RT: 17.334 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BP017975.D

Acq: 08 Nov 2023 23:05

Instrument :

BNA_P

ClientSampleId :

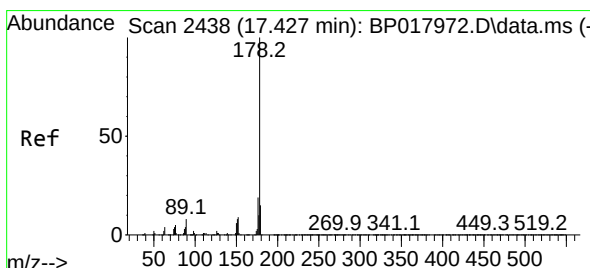
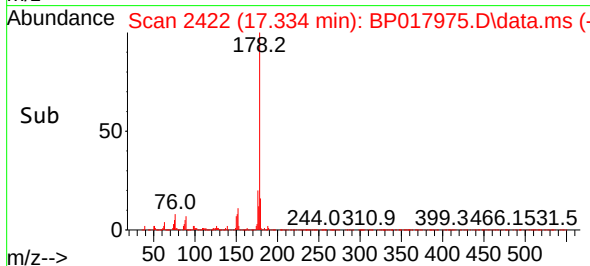
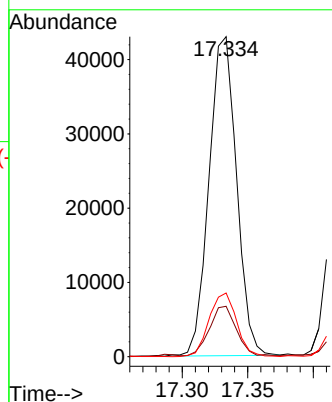
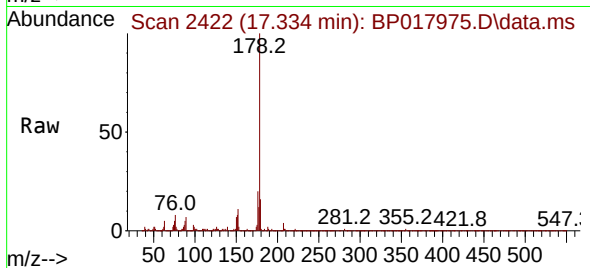
DCKH4

Tgt Ion:178	Resp: 6271
Ion Ratio	Lower Upper
178 100	
179 15.7	12.3 18.5
176 19.9	15.2 22.8

Manual Integrations

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#74

Anthracene

Concen: 2.861 ng/ul

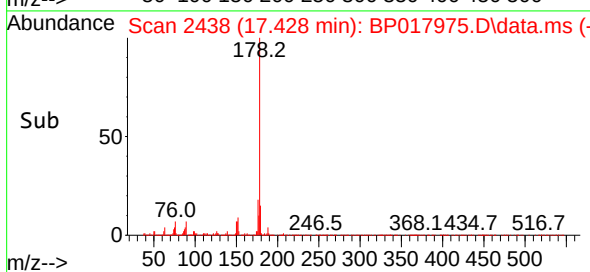
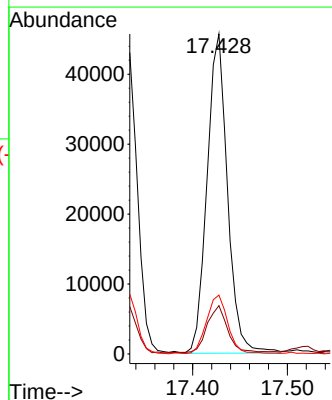
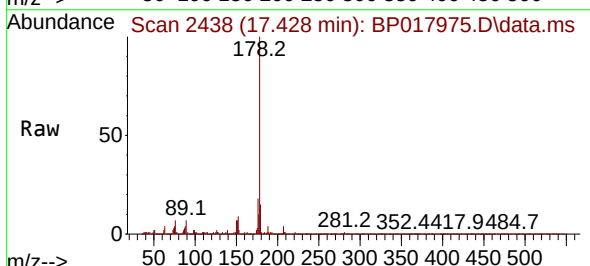
RT: 17.428 min Scan# 2438

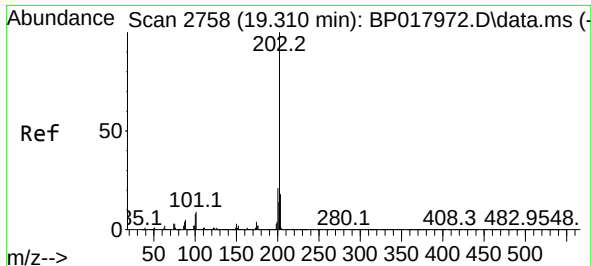
Delta R.T. -0.006 min

Lab File: BP017975.D

Acq: 08 Nov 2023 23:05

Tgt Ion:178	Resp: 68380
Ion Ratio	Lower Upper
178 100	
179 15.1	12.5 18.7
176 18.4	14.9 22.3





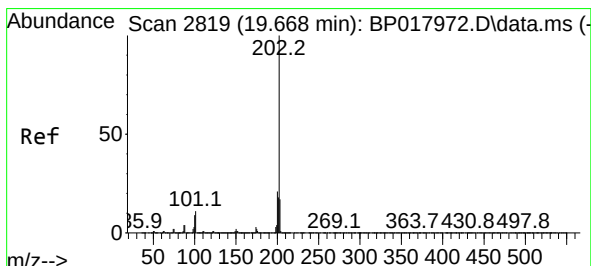
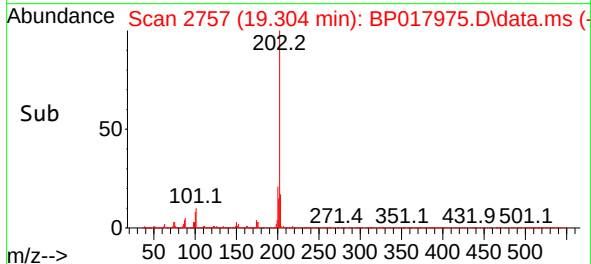
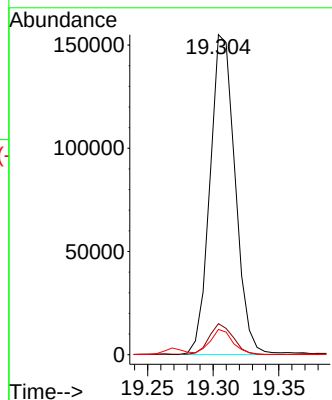
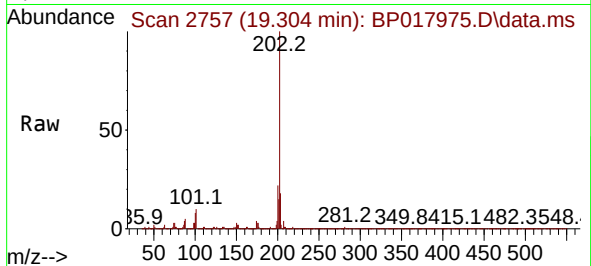
#80
Fluoranthene
Concen: 7.051 ng/u1
RT: 19.304 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP017975.D
Acq: 08 Nov 2023 23:05

Instrument :
BNA_P
ClientSampleId :
DCKH4

Tgt Ion:202 Resp: 20668
Ion Ratio Lower Upper
202 100
101 9.7 7.1 10.7
100 7.9 5.3 7.9

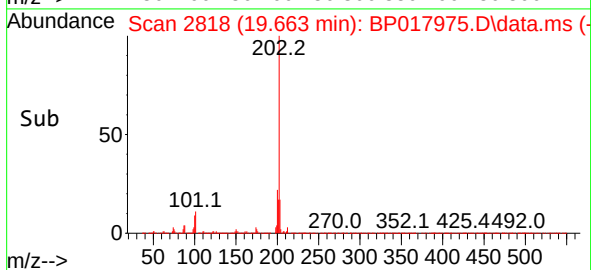
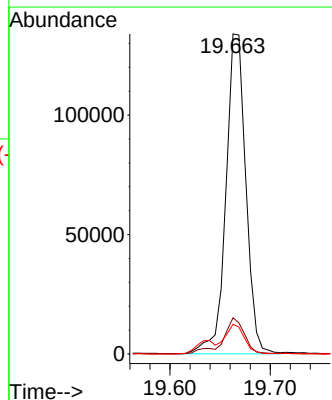
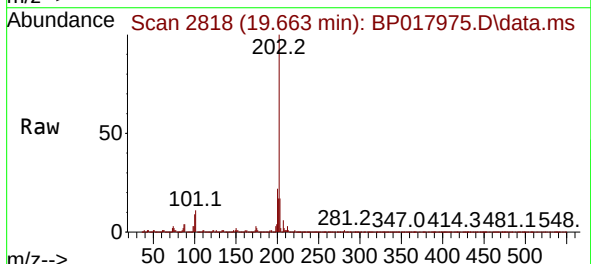
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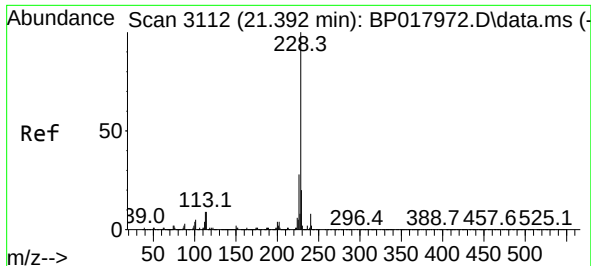
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/11/2023



#82
Pyrene
Concen: 6.050 ng/u1
RT: 19.663 min Scan# 2818
Delta R.T. -0.012 min
Lab File: BP017975.D
Acq: 08 Nov 2023 23:05

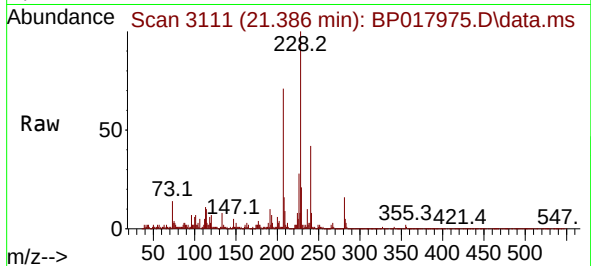
Tgt Ion:202 Resp: 184951
Ion Ratio Lower Upper
202 100
101 11.3 8.6 12.8
100 9.2 7.3 10.9





#85
Benzo(a)anthracene
Concen: 2.239 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP017975.D
Acq: 08 Nov 2023 23:05

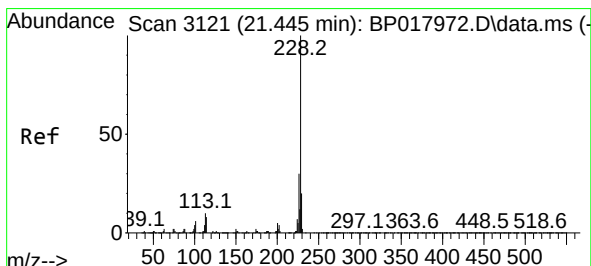
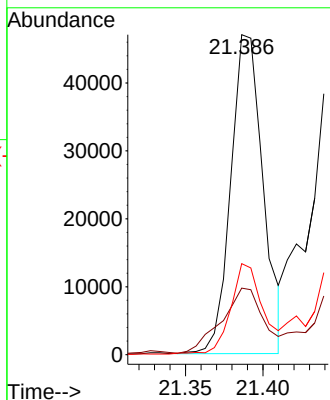
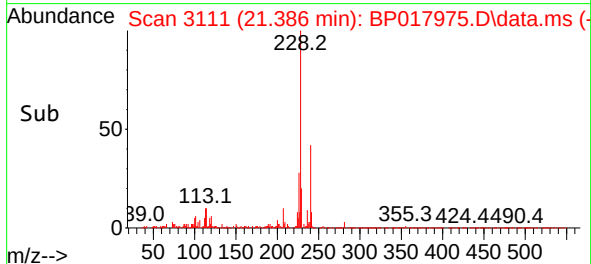
Instrument :
BNA_P
ClientSampleId :
DCKH4



Tgt Ion:228 Resp: 68210
Ion Ratio Lower Upper
228 100
229 20.8 15.4 23.2
226 28.4 21.6 32.4

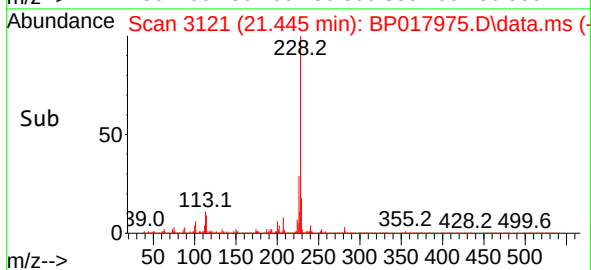
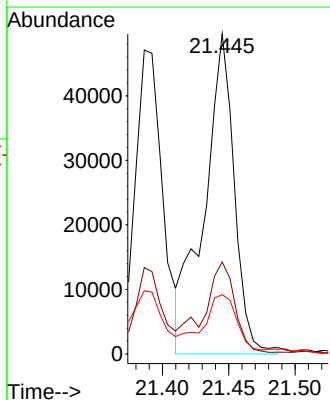
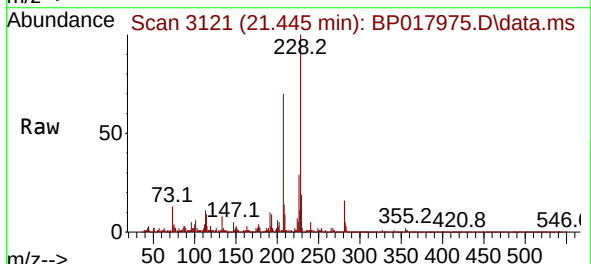
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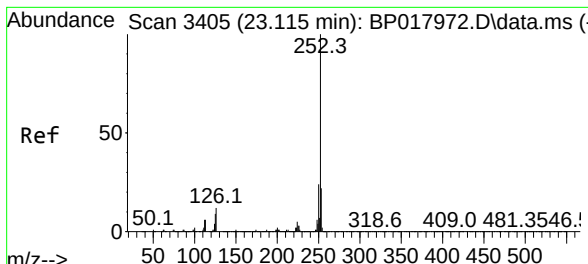
Reviewed By :Yogesh Patel 11/09/2023
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#87
Chrysene
Concen: 2.782 ng/ul m
RT: 21.445 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP017975.D
Acq: 08 Nov 2023 23:05

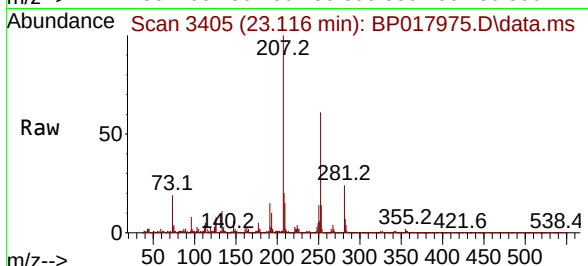
Tgt Ion:228 Resp: 78603
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 18.5 16.1 24.1





#90
Benzo(b)fluoranthene
Concen: 2.663 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. -0.012 min
Lab File: BP017975.D
Acq: 08 Nov 2023 23:05

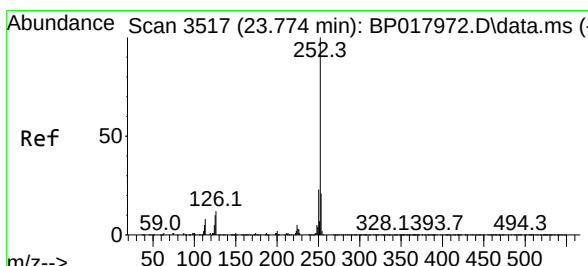
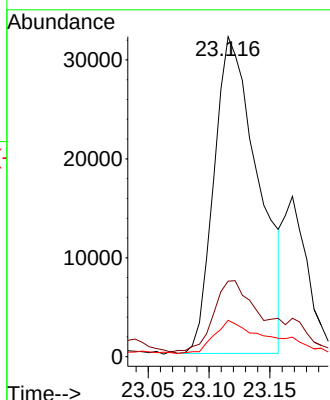
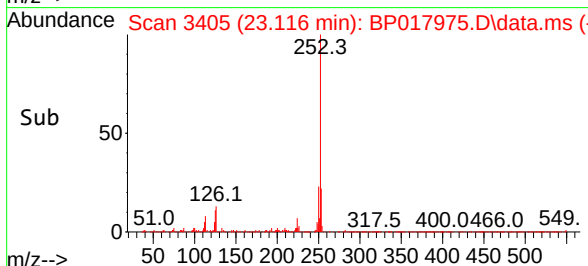
Instrument :
BNA_P
ClientSampleId :
DCKH4



Tgt Ion:252 Resp: 8069
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 11.4 6.6 10.0

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#93
Benzo(a)pyrene
Concen: 1.155 ng/ul
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP017975.D
Acq: 08 Nov 2023 23:05

Tgt Ion:252 Resp: 32524
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 12.4 7.5 11.3

