

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016008.D
 Acq On : 05 Jul 2023 10:19
 Operator : MA/JU
 Sample : 03246-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 11:49:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	310997	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1337119	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.692	164	765330	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1412449	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.545	240	963226	20.000	ng/u1	# 0.00
88) Perylene-d12	24.092	264	1104371	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	11609	1.343	ng/uL	0.00
4) Pyridine-d5	3.828	84	125752	5.771	ng/u1	0.01
7) Phenol-d5	7.252	99	256641	9.645	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.375	67	160982	9.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	196924	9.804	ng/u1	0.01
15) 4-Methylphenol-d8	8.816	113	196115	9.329	ng/u1	0.04
21) Nitrobenzene-d5	9.252	128	101340	9.917	ng/u1	0.02
24) 2-Nitrophenol-d4	9.981	143	124551	10.443	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.575	165	215785	10.153	ng/u1	0.06
31) 4-Chloroaniline-d4	11.104	131	66501m	2.436	ng/u1	0.08
46) Dimethylphthalate-d6	14.110	166	925342	15.643	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	974312	14.652	ng/u1	0.00
54) 4-Nitrophenol-d4	15.045	143	54092m	6.929	ng/u1	0.09
60) Fluorene-d10	15.698	176	748949	15.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	45703	5.261	ng/u1	0.04
73) Anthracene-d10	17.563	188	995820	15.435	ng/u1	0.00
81) Pyrene-d10	19.786	212	1027413	16.335	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	917572	16.471	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	100314	1.307	ng/u1	99
80) Fluoranthene	19.463	202	291479	3.729	ng/u1#	93
82) Pyrene	19.816	202	242338	3.039	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	133333	1.968	ng/u1#	93
87) Chrysene	21.586	228	164276	2.555	ng/u1	95
90) Benzo(b)fluoranthene	23.310	252	275360	3.880	ng/u1#	92
91) Benzo(k)fluoranthene	23.357	252	84701m	1.181	ng/u1	
93) Benzo(a)pyrene	23.974	252	165904	2.676	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.804	276	145817	1.732	ng/u1#	94
96) Benzo(g,h,i)perylene	27.645	276	131146	1.894	ng/u1#	92

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

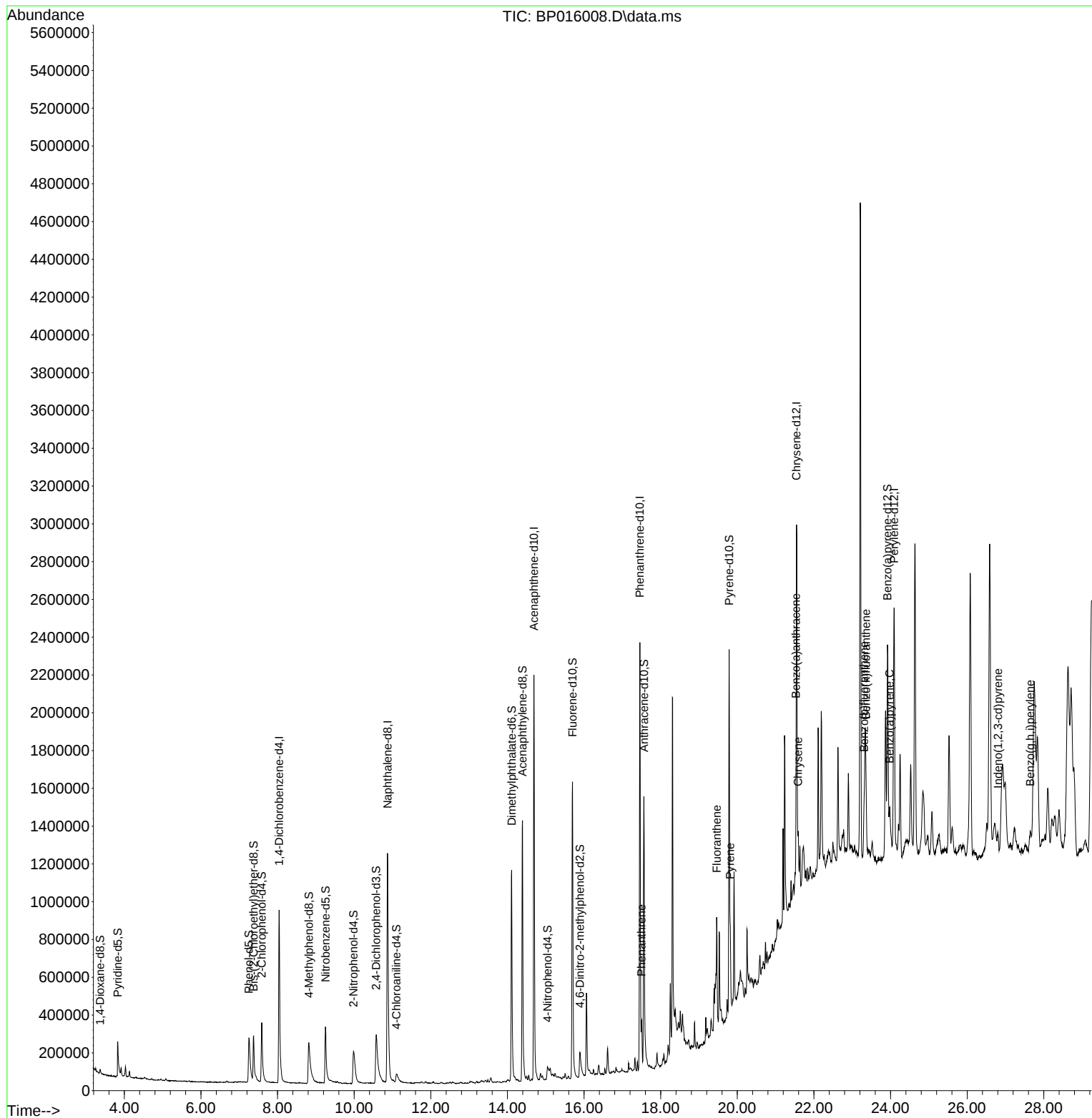
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
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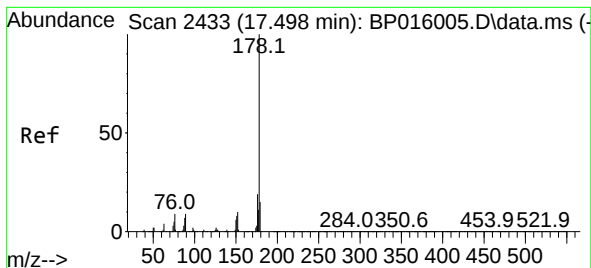
Instrument :
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 ClientSampleId :
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 Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.307 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP016008.D

Acq: 05 Jul 2023 10:19

Instrument :

BNP_P

ClientSampleId :

DCGA8

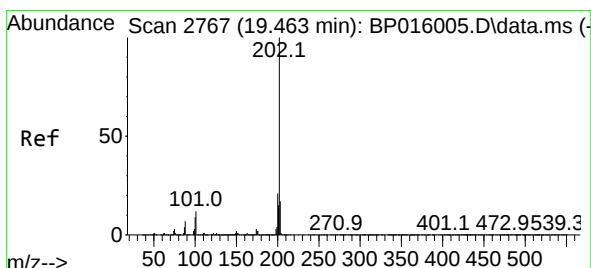
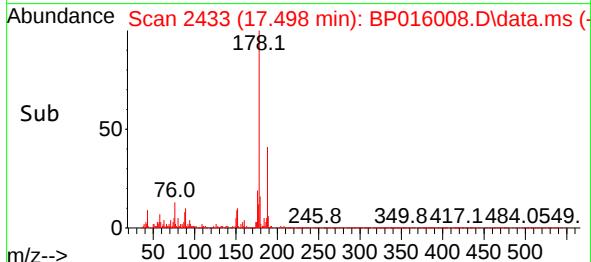
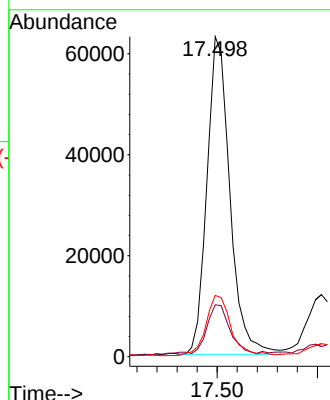
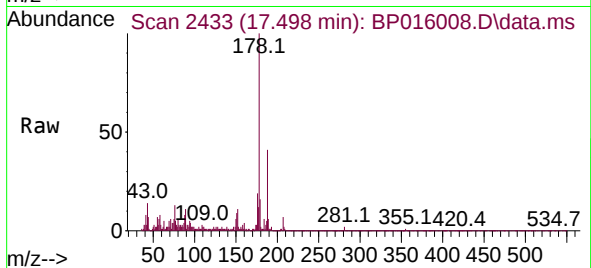
Tgt Ion:178 Resp: 100314
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.4 18.6
 176 19.2 15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 3.729 ng/ul

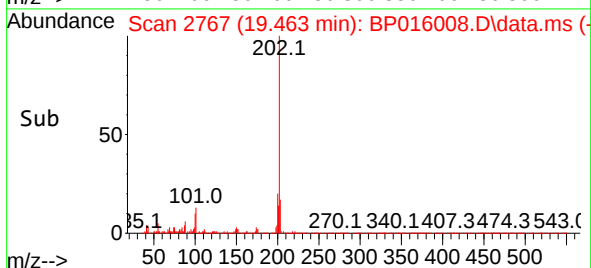
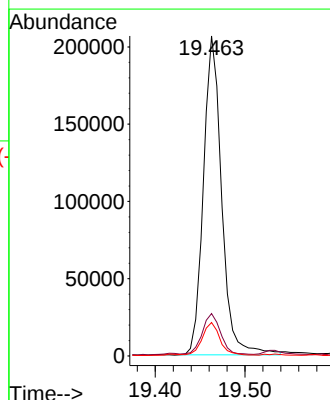
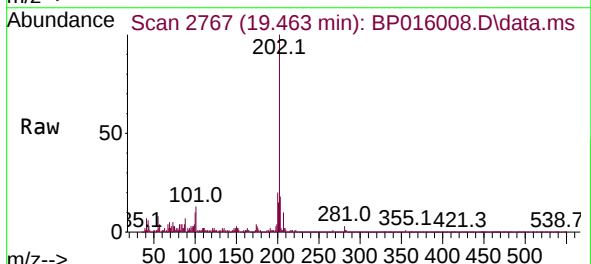
RT: 19.463 min Scan# 2767

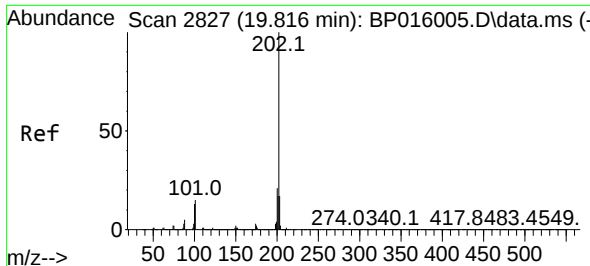
Delta R.T. 0.000 min

Lab File: BP016008.D

Acq: 05 Jul 2023 10:19

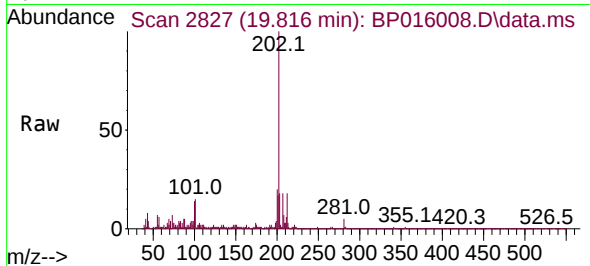
Tgt Ion:202 Resp: 291479
 Ion Ratio Lower Upper
 202 100
 101 13.2 8.3 12.5#
 100 10.5 6.6 9.8#





#82
Pyrene
Concen: 3.039 ng/ul
RT: 19.816 min Scan# 2827
Delta R.T. 0.000 min
Lab File: BP016008.D
Acq: 05 Jul 2023 10:19

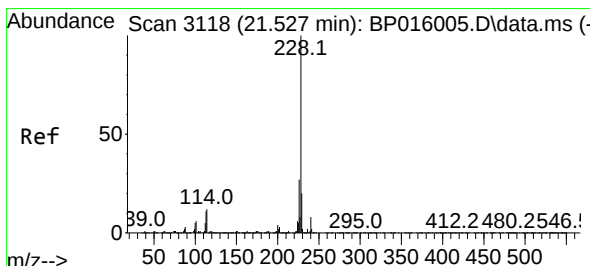
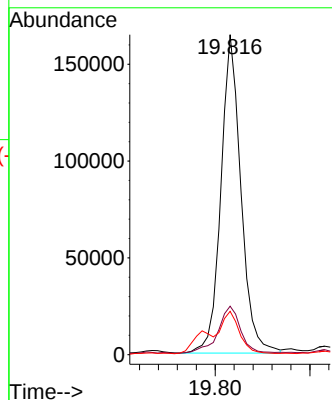
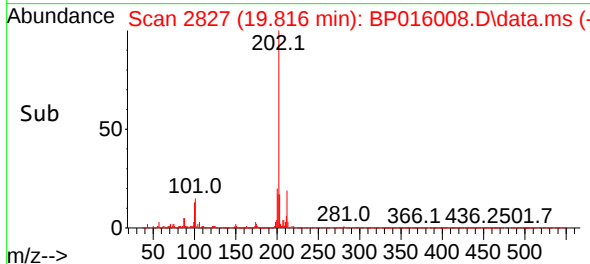
Instrument :
BNA_P
ClientSampleId :
DCGA8



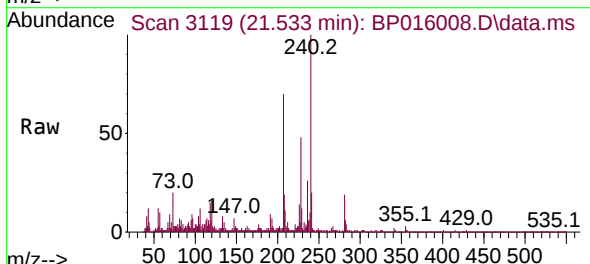
Tgt Ion:202 Resp: 242338
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9#
100 13.6 7.6 11.4#

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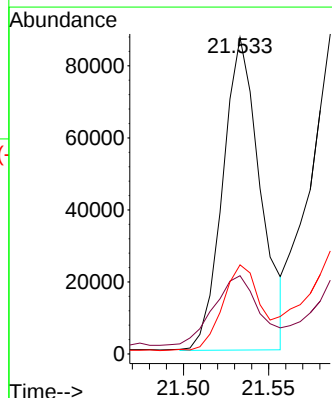
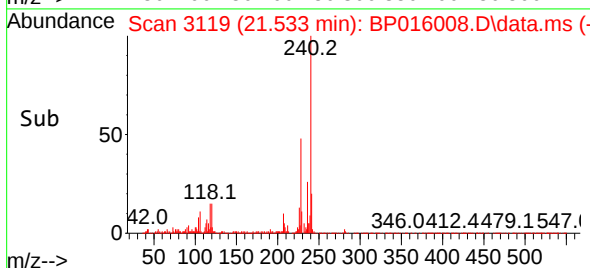
Reviewed By :Yogesh Patel 07/05/2023
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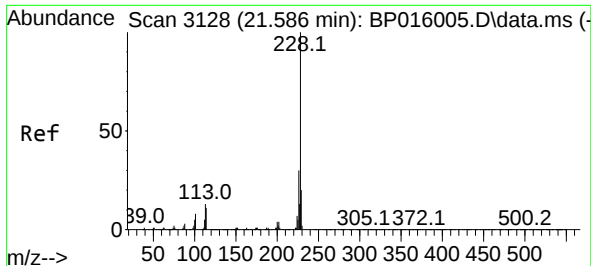


#85
Benzo(a)anthracene
Concen: 1.968 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BP016008.D
Acq: 05 Jul 2023 10:19



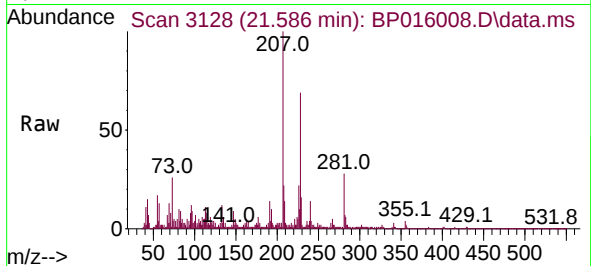
Tgt Ion:228 Resp: 133333
Ion Ratio Lower Upper
228 100
229 24.7 15.3 22.9#
226 28.1 21.4 32.0





#87
Chrysene
Concen: 2.555 ng/ul
RT: 21.586 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP016008.D
Acq: 05 Jul 2023 10:19

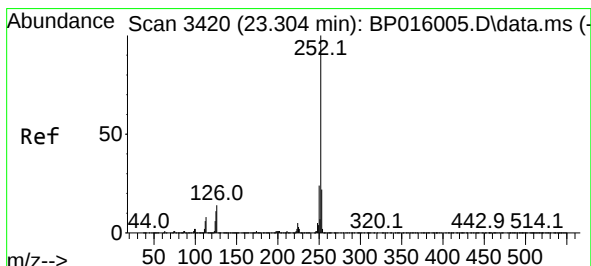
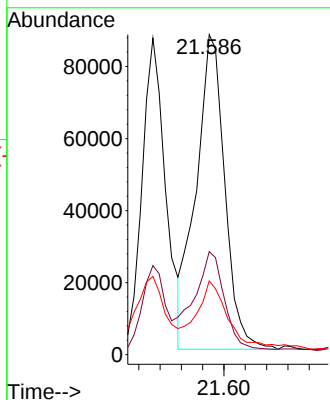
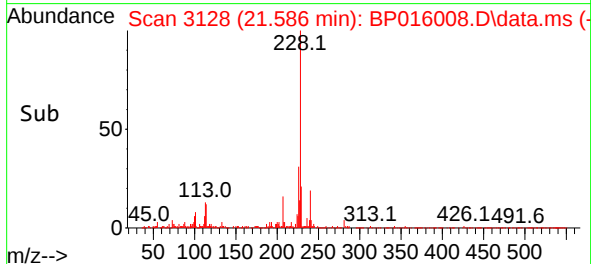
Instrument :
BNA_P
ClientSampleId :
DCGA8



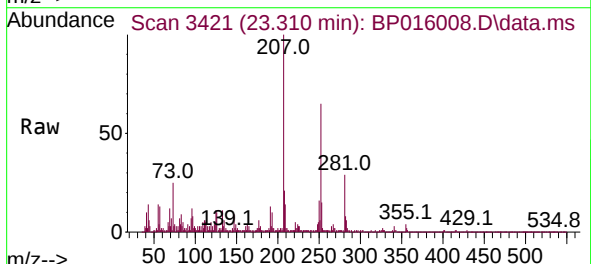
Tgt Ion:228 Resp: 164270
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 23.1 15.5 23.3

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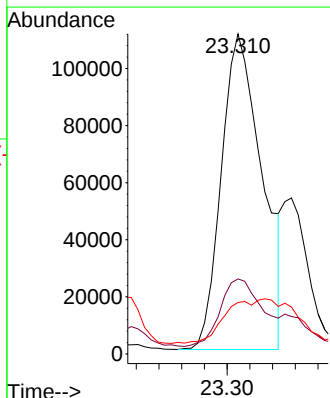
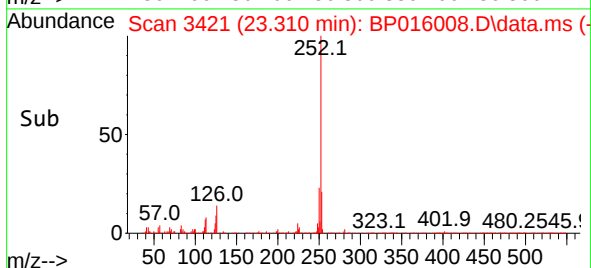
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

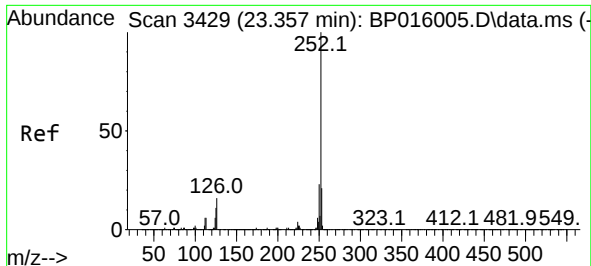


#90
Benzo(b)fluoranthene
Concen: 3.880 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP016008.D
Acq: 05 Jul 2023 10:19



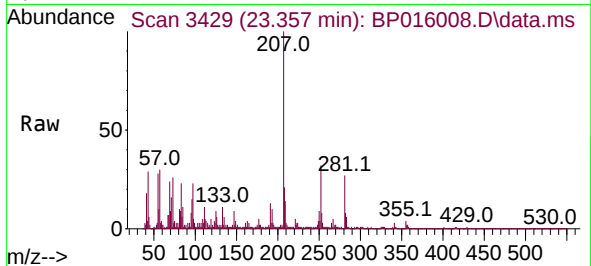
Tgt Ion:252 Resp: 275360
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 16.1 7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 1.181 ng/ul m
RT: 23.357 min Scan# 3429
Delta R.T. 0.000 min
Lab File: BP016008.D
Acq: 05 Jul 2023 10:19

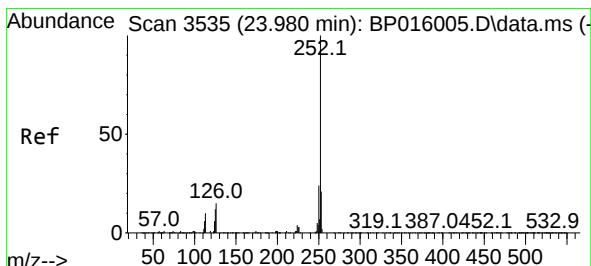
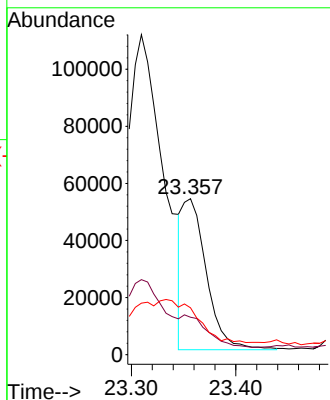
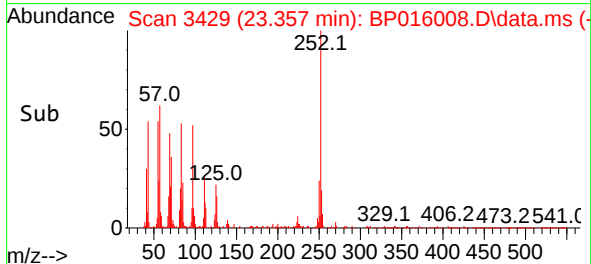
Instrument :
BNA_P
ClientSampleId :
DCGA8



Tgt Ion:252 Resp: 84700
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 30.0 7.3 10.9

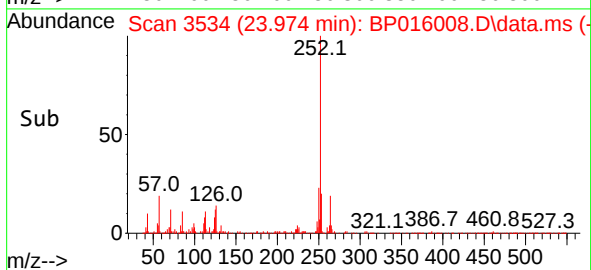
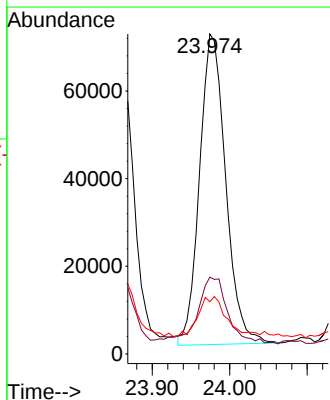
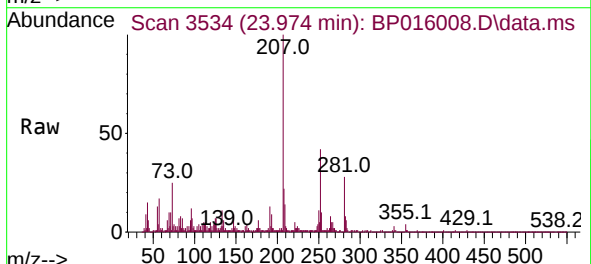
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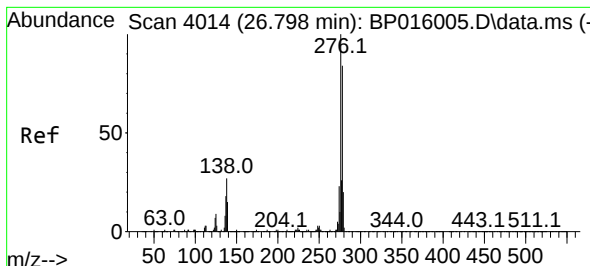
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#93
Benzo(a)pyrene
Concen: 2.676 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP016008.D
Acq: 05 Jul 2023 10:19

Tgt Ion:252 Resp: 165904
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 16.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.732 ng/ul

RT: 26.804 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP016008.D

Acq: 05 Jul 2023 10:19

Instrument :

BNA_P

ClientSampleId :

DCGA8

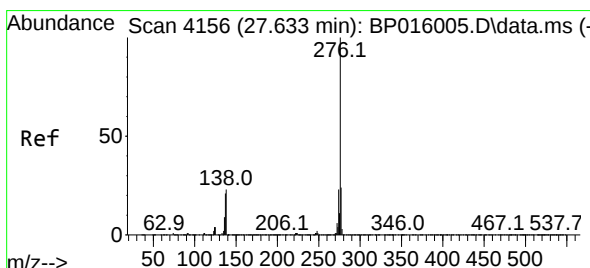
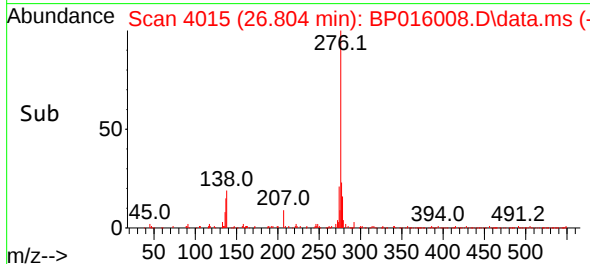
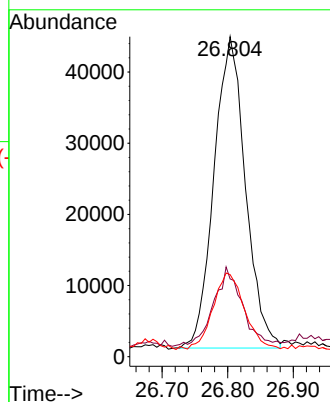
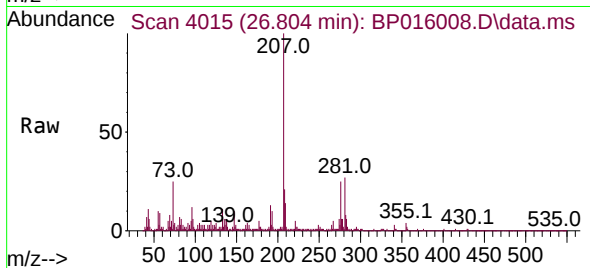
Tgt Ion:276 Resp: 145817
 Ion Ratio Lower Upper
 276 100
 138 24.3 15.7 23.5
 277 25.7 19.6 29.4

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.894 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP016008.D

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Tgt Ion:276 Resp: 131146
 Ion Ratio Lower Upper
 276 100
 138 24.7 15.1 22.7#
 277 25.7 18.8 28.2

