

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP016000.D
 Acq On : 05 Jul 2023 05:14
 Operator : MA/JU
 Sample : 03244-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 05:46:48 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	260374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1124111	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	636229	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1158536	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	860910	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1006403	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	52143	7.205	ng/uL	0.00
4) Pyridine-d5	3.816	84	474385	26.004	ng/ul	0.00
7) Phenol-d5	7.228	99	913621	41.010	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	669350	48.564	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	741909	44.117	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	576280	32.744	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	384786	44.790	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	419331	41.822	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	662250	37.065	ng/ul	0.02
31) 4-Chloroaniline-d4	11.045	131	497047	21.656	ng/ul	0.02
46) Dimethylphthalate-d6	14.098	166	2239527	45.541	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	2497894	45.186	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	214472	33.049	ng/ul	0.04
60) Fluorene-d10	15.692	176	1780204	43.965	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	157407	22.093	ng/ul	0.01
73) Anthracene-d10	17.557	188	2180643	41.207	ng/ul	0.00
81) Pyrene-d10	19.780	212	2465047	43.850	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2396072	47.197	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	86793	1.379	ng/ul	99
80) Fluoranthene	19.457	202	248797	3.561	ng/ul#	86
82) Pyrene	19.810	202	235864	3.310	ng/ul#	88
85) Benzo(a)anthracene	21.533	228	164127	2.710	ng/ul	98
87) Chrysene	21.586	228	218708	3.806	ng/ul	96
90) Benzo(b)fluoranthene	23.304	252	388942	6.015	ng/ul#	92
91) Benzo(k)fluoranthene	23.357	252	135690m	2.077	ng/ul	
93) Benzo(a)pyrene	23.974	252	237917	4.211	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.798	276	207140	2.700	ng/ul#	94
96) Benzo(g,h,i)perylene	27.639	276	193794	3.071	ng/ul#	88

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

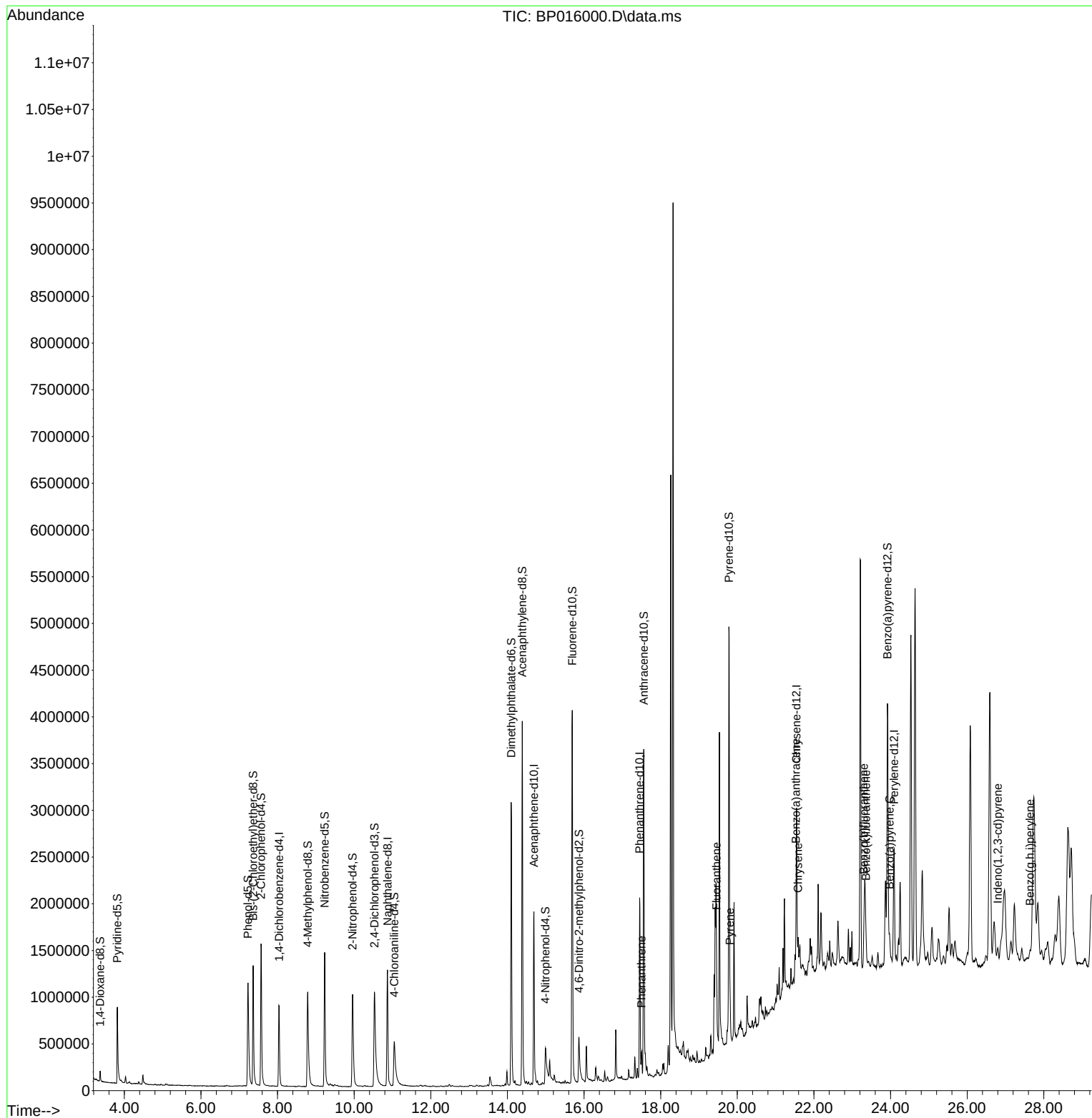
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP016000.D
Acq On : 05 Jul 2023 05:14
Operator : MA/JU
Sample : 03244-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

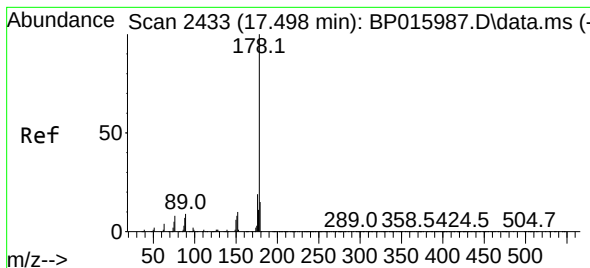
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.379 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Instrument :

BNP_P

ClientSampleId :

DCGF2

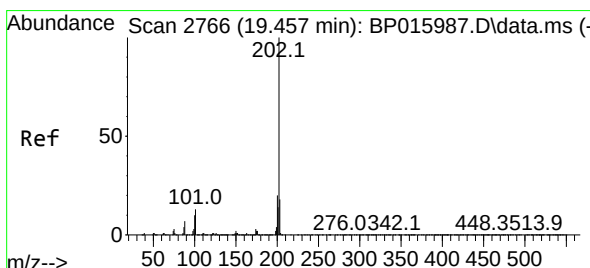
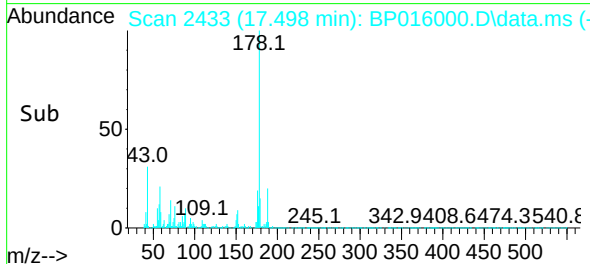
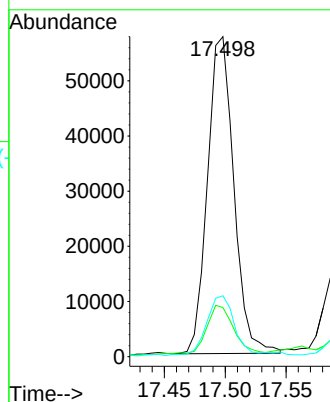
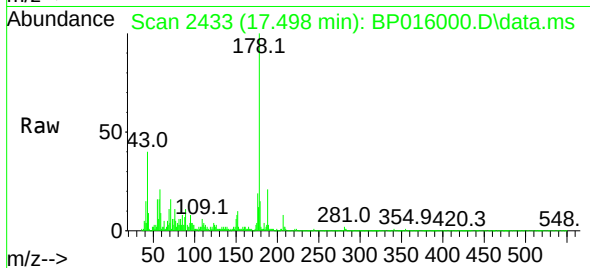
Tgt Ion:178	Resp:	8679
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.4 18.6
176	19.0	15.6 23.4

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#80

Fluoranthene

Concen: 3.561 ng/ul

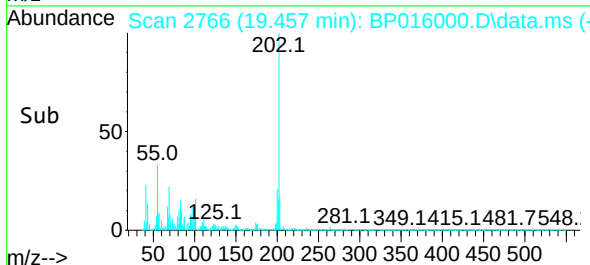
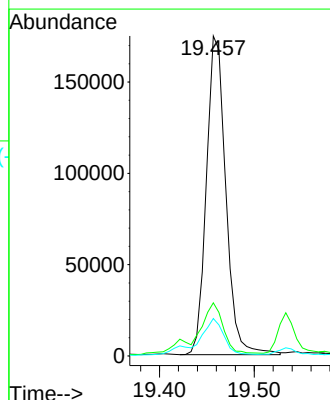
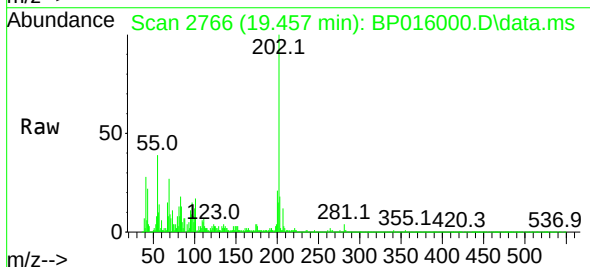
RT: 19.457 min Scan# 2766

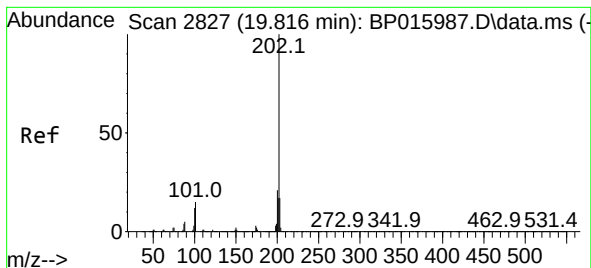
Delta R.T. -0.006 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Tgt Ion:202	Resp:	248797
Ion Ratio	Lower	Upper
202	100	
101	16.6	8.3 12.5#
100	11.7	6.6 9.8#





#82

Pyrene

Concen: 3.310 ng/ul

RT: 19.810 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Instrument :

BNA_P

ClientSampleId :

DCGF2

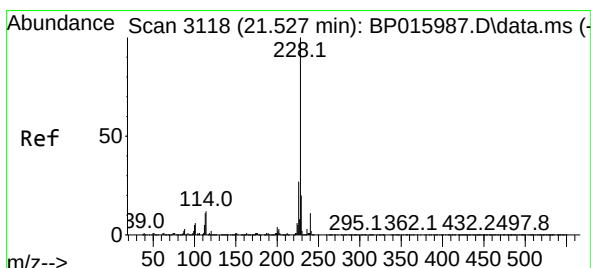
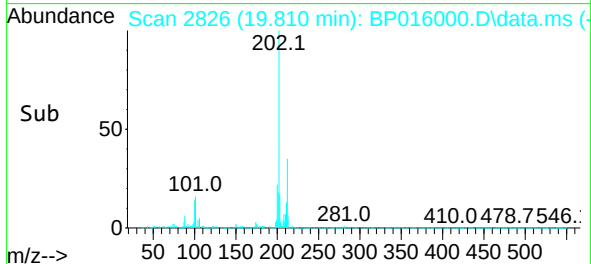
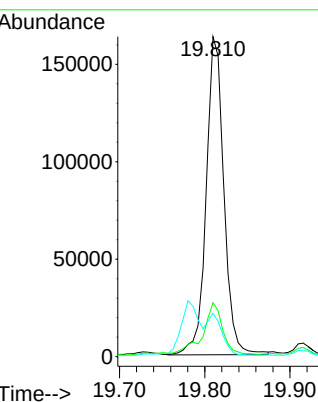
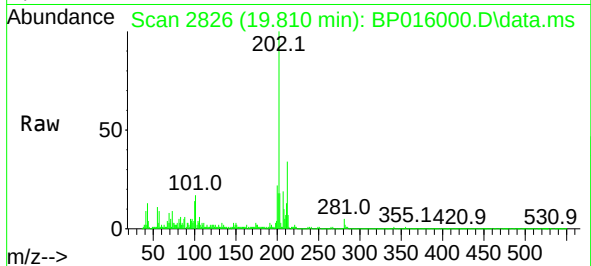
Tgt Ion:	202	Resp:	235864
Ion Ratio	Lower	Upper	
202	100		
101	16.8	9.3	13.9
100	13.5	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.710 ng/ul

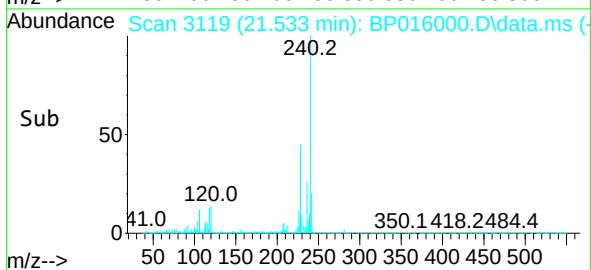
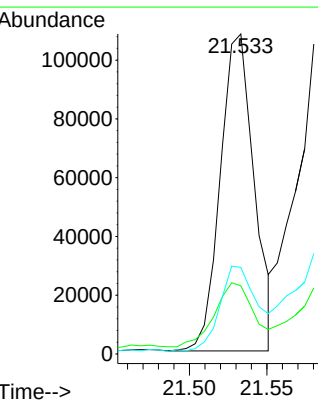
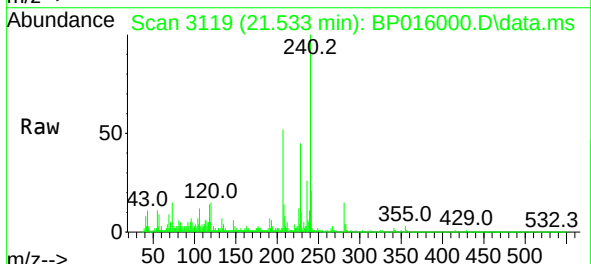
RT: 21.533 min Scan# 3119

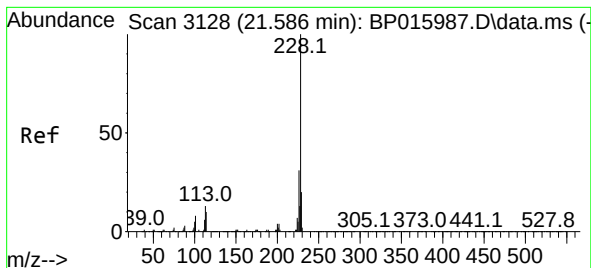
Delta R.T. 0.000 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Tgt Ion:	228	Resp:	164127
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.3	22.9
226	27.1	21.4	32.0





#87

Chrysene

Concen: 3.806 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Instrument :

BNA_P

ClientSampleId :

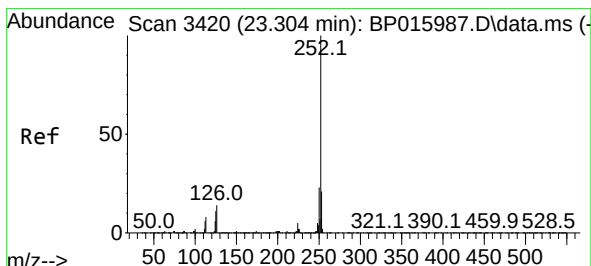
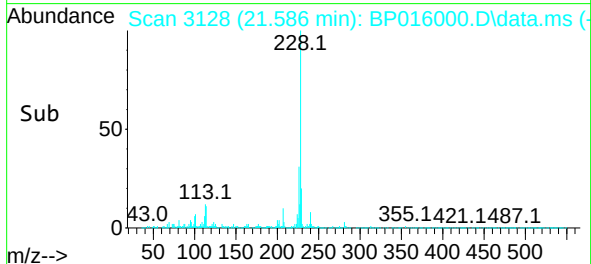
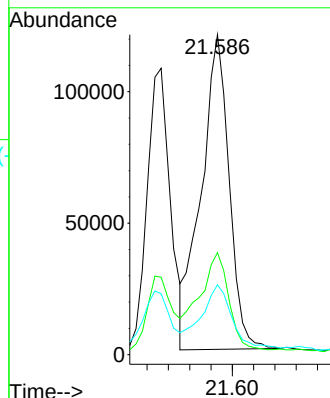
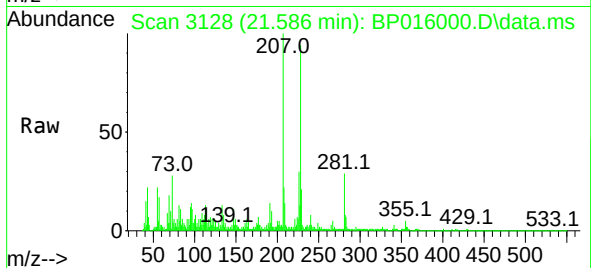
DCGF2

Tgt Ion:228	Resp: 218708
Ion Ratio	Lower Upper
228 100	
226 31.9	24.3 36.5
229 21.9	15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 6.015 ng/ul

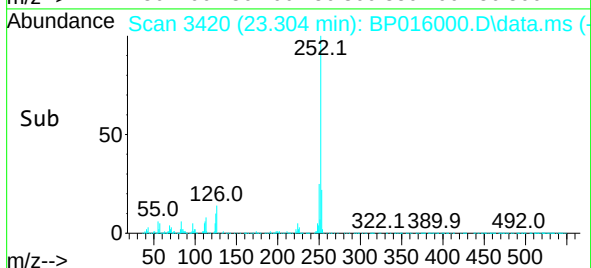
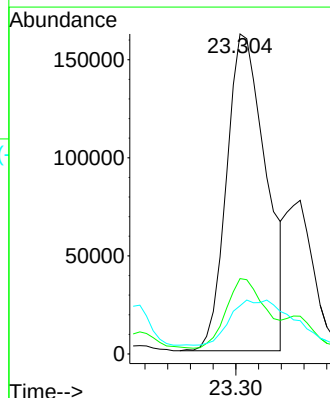
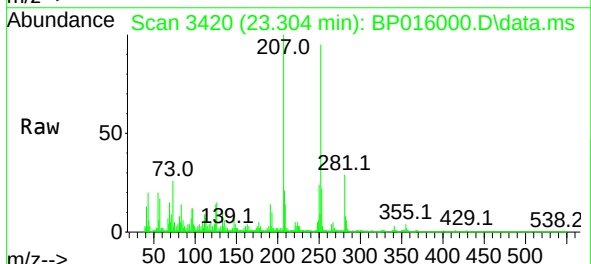
RT: 23.304 min Scan# 3420

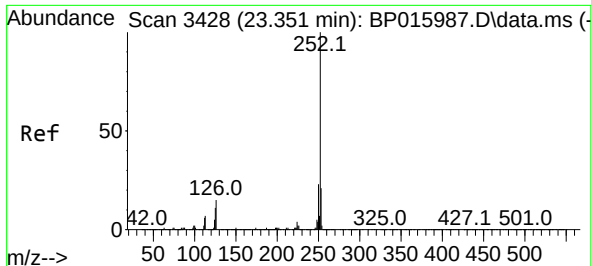
Delta R.T. -0.006 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

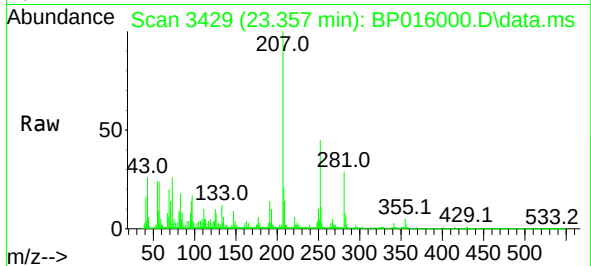
Tgt Ion:252	Resp: 388942
Ion Ratio	Lower Upper
252 100	
253 23.5	17.3 25.9
125 15.1	7.5 11.3





#91
Benzo(k)fluoranthene
Concen: 2.077 ng/ul m
RT: 23.357 min Scan# 3428
Delta R.T. 0.000 min
Lab File: BP016000.D
Acq: 05 Jul 2023 05:14

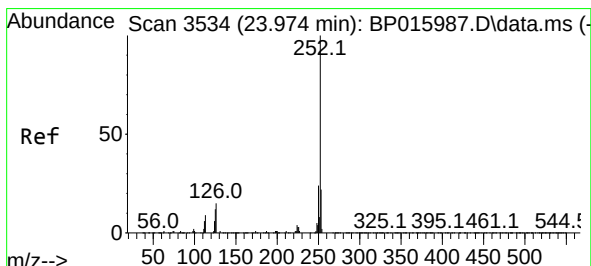
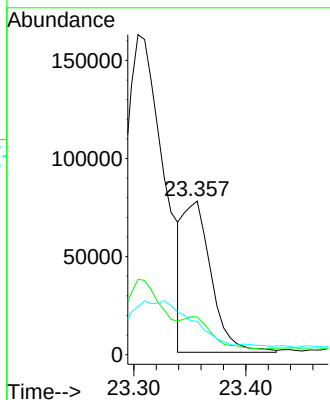
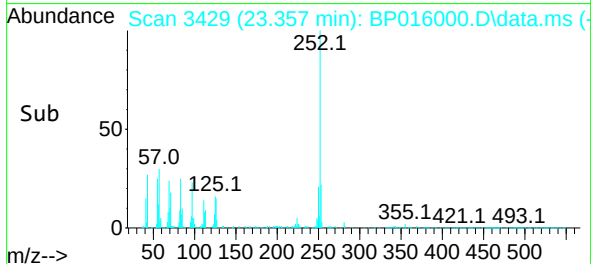
Instrument :
BNA_P
ClientSampleId :
DCGF2



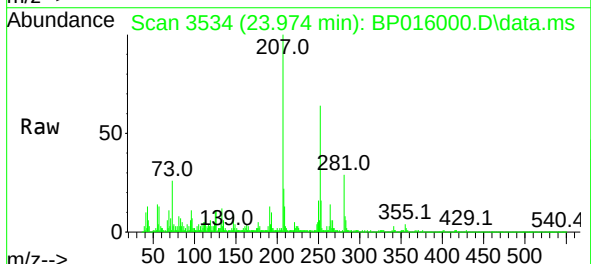
Tgt Ion:252 Resp: 135690
Ion Ratio Lower Upper
252 100
253 24.6 17.0 25.4
125 21.7 7.3 10.9

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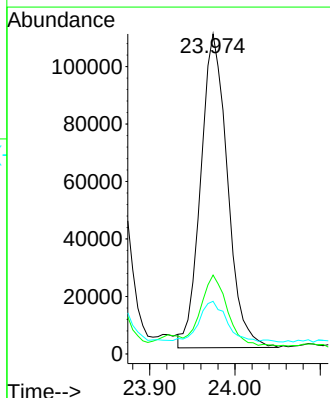
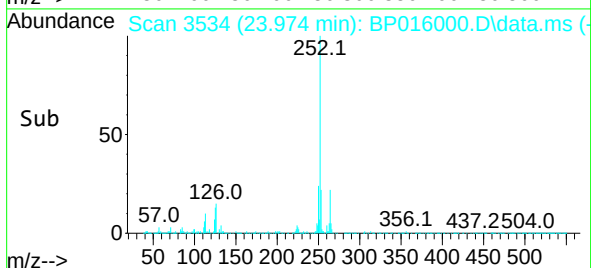
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

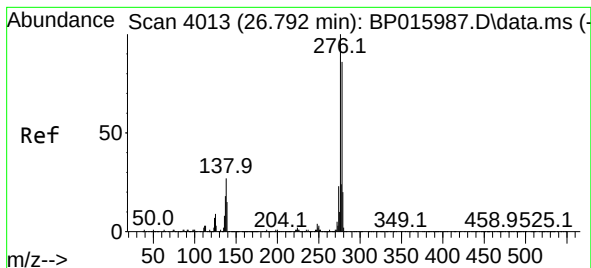


#93
Benzo(a)pyrene
Concen: 4.211 ng/ul
RT: 23.974 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BP016000.D
Acq: 05 Jul 2023 05:14



Tgt Ion:252 Resp: 237917
Ion Ratio Lower Upper
252 100
253 24.7 17.7 26.5
125 16.5 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.700 ng/ul

RT: 26.798 min Scan# 4013

Delta R.T. 0.006 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Instrument :

BNA_P

ClientSampleId :

DCGF2

Tgt Ion:276 Resp: 207140

Ion Ratio Lower Upper

276 100

138 25.2 15.7 23.5

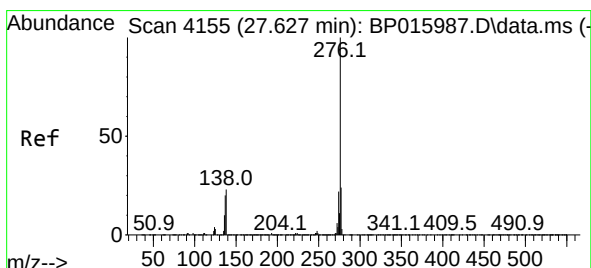
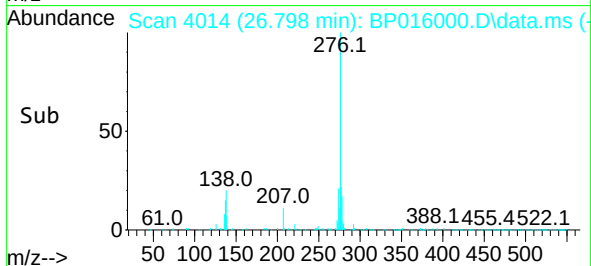
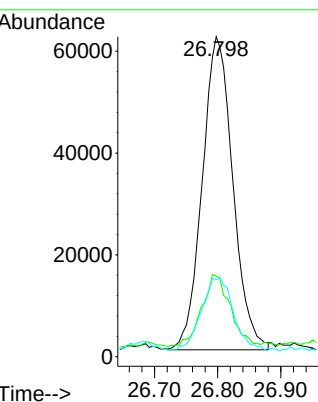
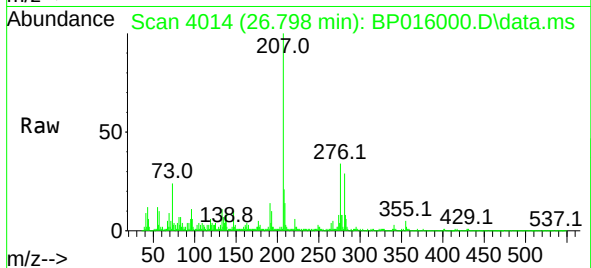
277 24.1 19.6 29.4

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 3.071 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP016000.D

Acq: 05 Jul 2023 05:14

Tgt Ion:276 Resp: 193794

Ion Ratio Lower Upper

276 100

138 27.5 15.1 22.7

277 26.6 18.8 28.2

