

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP021012.D
 Acq On : 17 Jul 2024 07:00
 Operator : MA/JU
 Sample : P3178-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BT6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 07:30:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	220669	20.000	ng/u1	0.00
20) Naphthalene-d8	10.451	136	877190	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	581086	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.122	188	1254655	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1219774	20.000	ng/u1	0.00
88) Perylene-d12	24.845	264	1410824	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17115	3.529	ng/uL	0.01
4) Pyridine-d5	3.681	84	28962	2.063	ng/u1	0.03
7) Phenol-d5	6.899	99	380289	21.138	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	229525	21.052	ng/u1	0.01
11) 2-Chlorophenol-d4	7.246	132	322114	21.731	ng/u1	0.01
15) 4-Methylphenol-d8	8.410	113	309971	20.745	ng/u1	0.02
21) Nitrobenzene-d5	8.851	128	153970	22.599	ng/u1	0.02
24) 2-Nitrophenol-d4	9.551	143	176361	22.616	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.098	165	316716	22.461	ng/u1	0.01
31) 4-Chloroaniline-d4	10.604	131	301521	16.141	ng/u1	0.02
46) Dimethylphthalate-d6	13.722	166	976791	23.124	ng/u1	0.01
49) Acenaphthylene-d8	13.992	160	1116574	23.541	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	131366m	21.857	ng/u1	0.01
60) Fluorene-d10	15.316	176	867442	25.031	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	120384	15.858	ng/u1	0.01
73) Anthracene-d10	17.216	188	1323164	23.744	ng/u1	0.00
81) Pyrene-d10	19.598	212	1216321	16.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	840407	12.078	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.157	178	103732	1.594	ng/u1	98
80) Fluoranthene	19.251	202	240037	2.636	ng/u1	100
82) Pyrene	19.627	202	153558	1.657	ng/u1	98
85) Benzo(a)anthracene	21.527	228	117445m	1.374	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.457	149	84077	1.513	ng/u1	99
87) Chrysene	21.598	228	128734	1.621	ng/u1	97
90) Benzo(b)fluoranthene	23.804	252	174583	2.039	ng/u1#	92

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

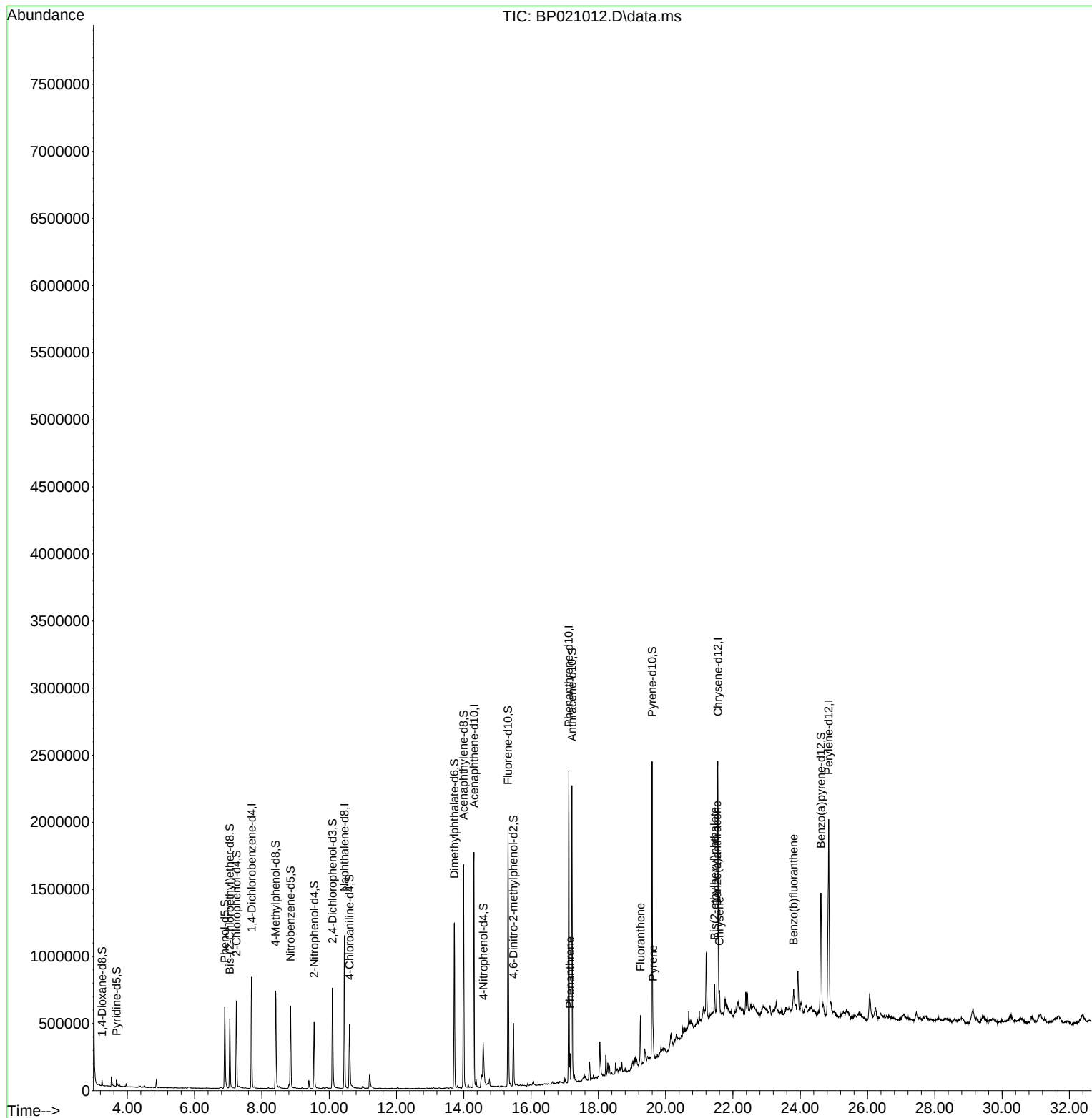
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
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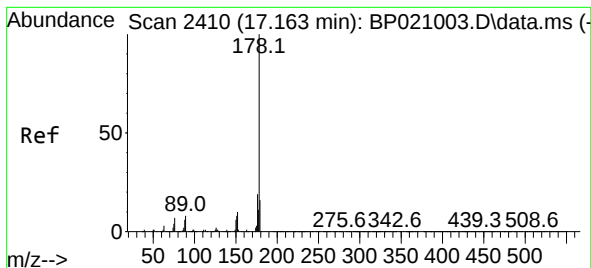
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.594 ng/ul

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP021012.D

Acq: 17 Jul 2024 07:00

Instrument :

BNA_P

ClientSampleId :

A4BT6

Tgt Ion:178 Resp: 10373

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

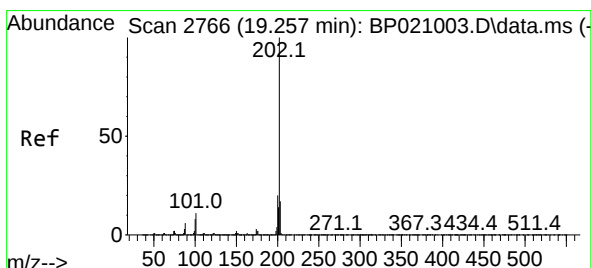
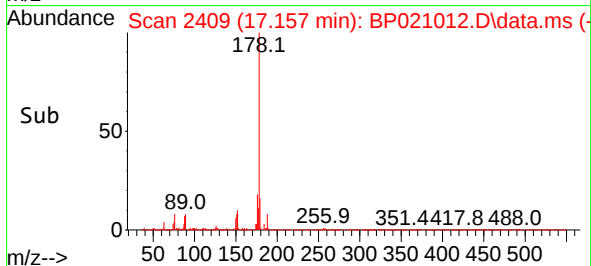
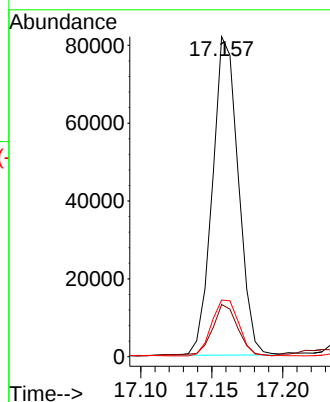
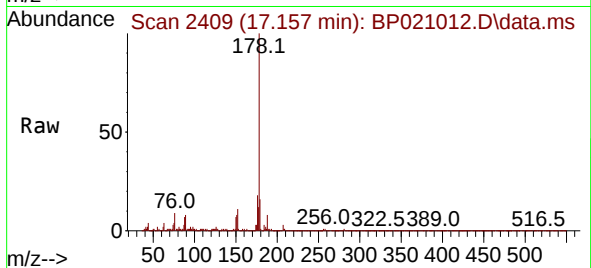
176 17.7 15.0 22.4

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#80

Fluoranthene

Concen: 2.636 ng/ul

RT: 19.251 min Scan# 2765

Delta R.T. -0.000 min

Lab File: BP021012.D

Acq: 17 Jul 2024 07:00

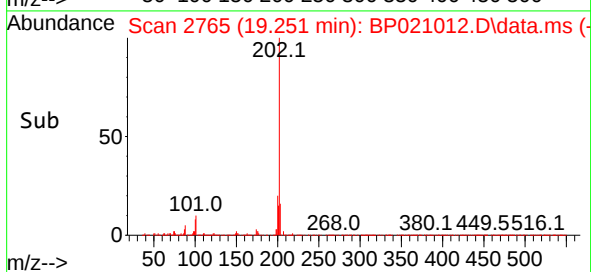
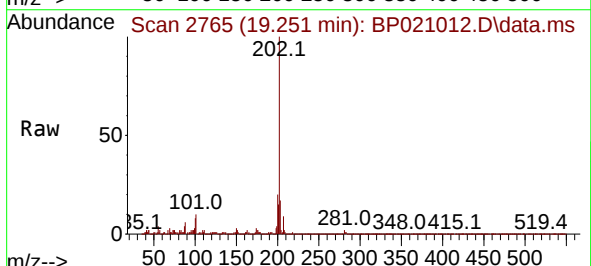
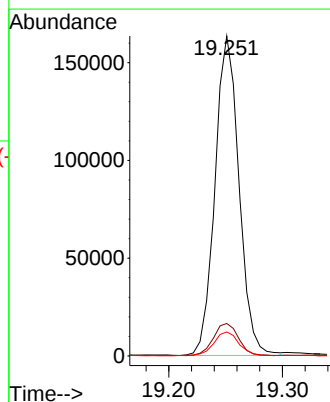
Tgt Ion:202 Resp: 240037

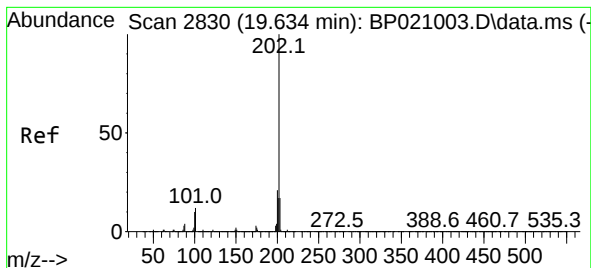
Ion Ratio Lower Upper

202 100

101 10.2 8.0 12.0

100 7.5 6.1 9.1





#82

Pyrene

Concen: 1.657 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021012.D

Acq: 17 Jul 2024 07:00

Instrument :

BNA_P

ClientSampleId :

A4BT6

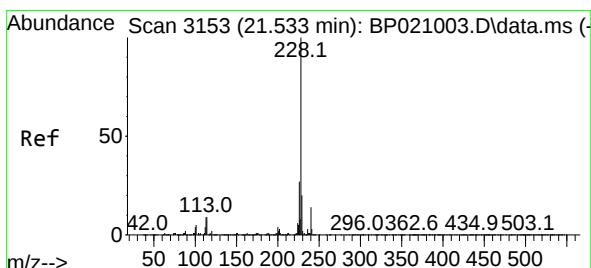
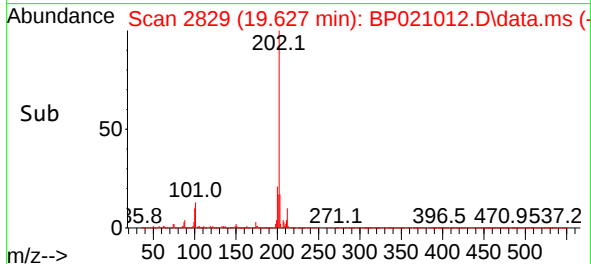
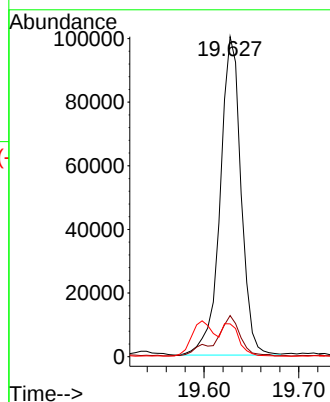
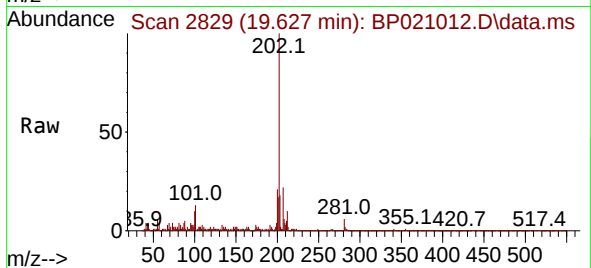
Tgt Ion:	202	Resp:	153558
Ion Ratio	Lower	Upper	
202	100		
101	12.8	9.4	14.2
100	10.3	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.374 ng/ul m

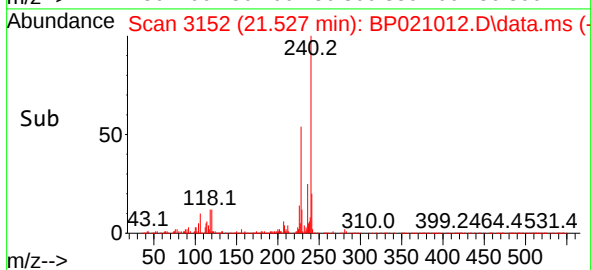
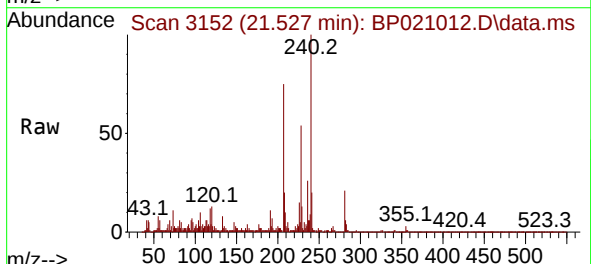
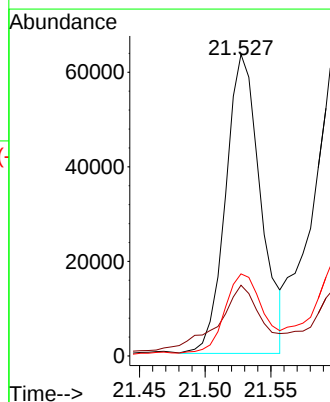
RT: 21.527 min Scan# 3152

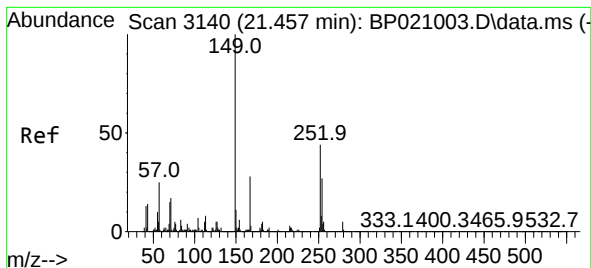
Delta R.T. -0.006 min

Lab File: BP021012.D

Acq: 17 Jul 2024 07:00

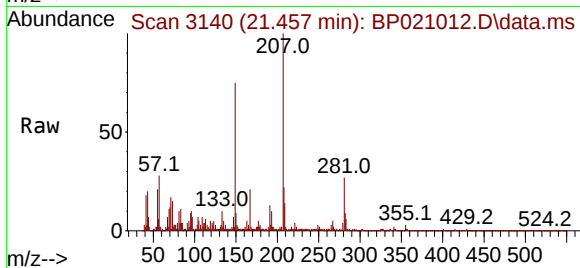
Tgt Ion:	228	Resp:	117445
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.5	23.3#
226	27.2	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.513 ng/ul
RT: 21.457 min Scan# 3140
Delta R.T. 0.012 min
Lab File: BP021012.D
Acq: 17 Jul 2024 07:00

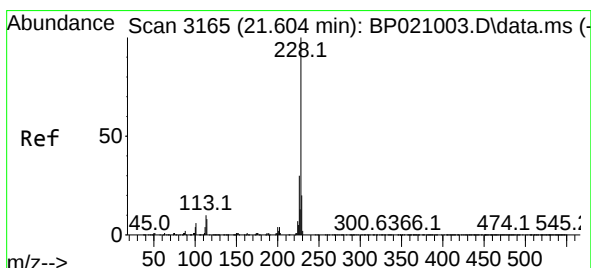
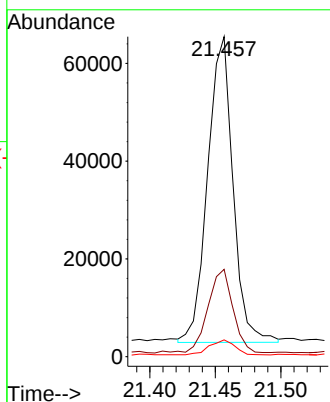
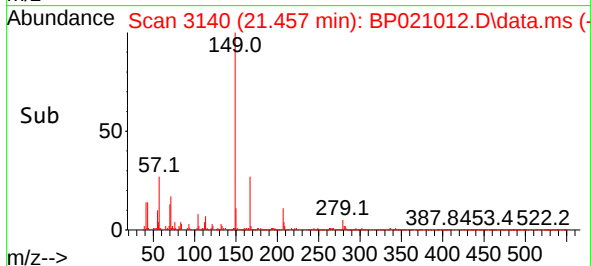
Instrument :
BNA_P
ClientSampleId :
A4BT6



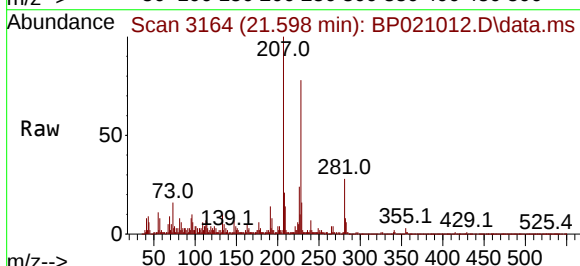
Tgt Ion:149 Resp: 8407
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 5.3 3.7 5.5

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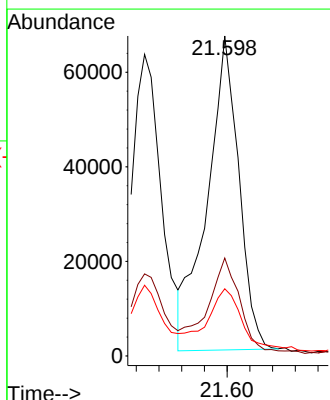
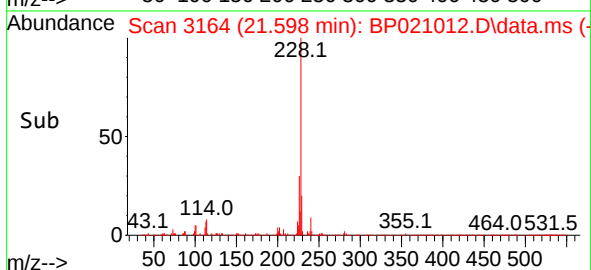
Reviewed By :Yogesh Patel 07/18/2024
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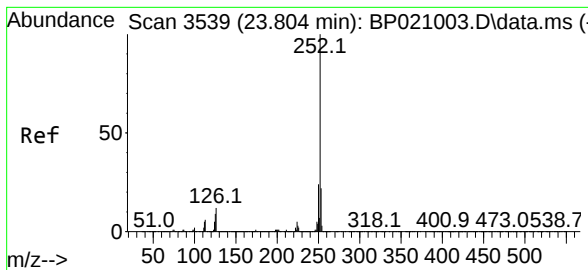


#87
Chrysene
Concen: 1.621 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BP021012.D
Acq: 17 Jul 2024 07:00



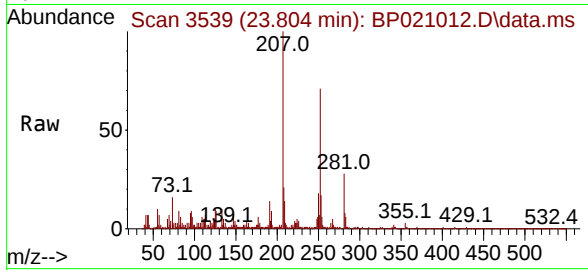
Tgt Ion:228 Resp: 128734
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.0 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 2.039 ng/ul
RT: 23.804 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP021012.D
Acq: 17 Jul 2024 07:00

Instrument :
BNA_P
ClientSampleId :
A4BT6



Tgt Ion:252 Resp: 17458
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 14.3 7.0 10.4

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