

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013329.D
 Acq On : 25 Dec 2022 08:43
 Operator : CG/JU
 Sample : N6018-20
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYK5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 21:39:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	544441	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	1985166	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	1067883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	2393981	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	2615648	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	3094330	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	60637	4.762	ng/uL	0.00
4) Pyridine-d5	3.758	84	734766	20.313	ng/u1	0.00
7) Phenol-d5	7.099	99	1045625	23.579	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.263	67	674429	25.211	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	869480	24.907	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	765587	21.070	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	400451	27.455	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.828	143	441594	26.893	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	785940	24.642	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.893	131	897916	19.942	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	2062125	25.126	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	2432135	26.969	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	295732	20.032	ng/u1	0.00
60) Fluorene-d10	15.575	176	1825900	26.297	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	192009	12.463	ng/u1	0.00
73) Anthracene-d10	17.439	188	2950708	27.320	ng/u1	0.00
81) Pyrene-d10	19.675	212	3850474	25.646	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	4180758	27.107	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.304	152	143395	1.479	ng/u1	98
72) Phenanthrene	17.386	178	384083	3.080	ng/u1	98
74) Anthracene	17.475	178	130728	1.050	ng/u1	99
80) Fluoranthene	19.351	202	1460030	8.568	ng/u1	98
82) Pyrene	19.704	202	1187912	6.758	ng/u1	98
85) Benzo(a)anthracene	21.416	228	969712	5.585	ng/u1	98
87) Chrysene	21.469	228	886084	5.396	ng/u1	98
90) Benzo(b)fluoranthene	23.151	252	1448348	7.340	ng/u1	99
91) Benzo(k)fluoranthene	23.198	252	428030m	2.188	ng/u1	
93) Benzo(a)pyrene	23.804	252	919506	5.352	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.498	276	735853	3.438	ng/u1	96
95) Dibenzo(a,h)anthracene	26.498	278	195530m	1.104	ng/u1	
96) Benzo(g,h,i)perylene	27.298	276	717277	4.175	ng/u1	98

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

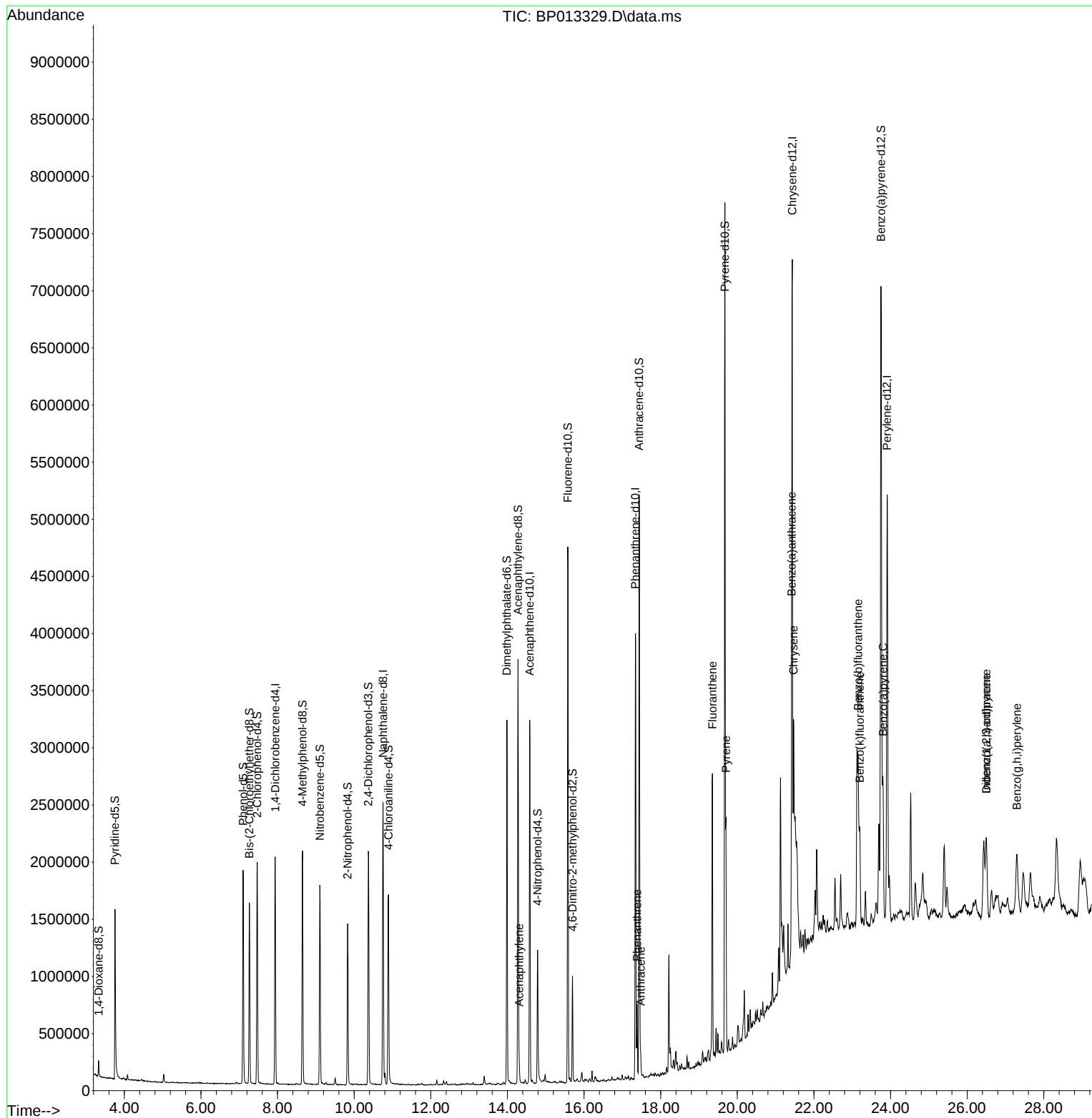
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013329.D
 Acq On : 25 Dec 2022 08:43
 Operator : CG/JU
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 ALS Vial : 42 Sample Multiplier: 1

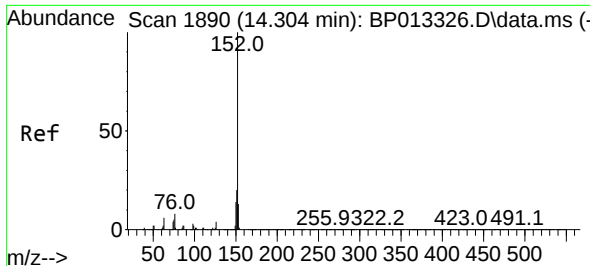
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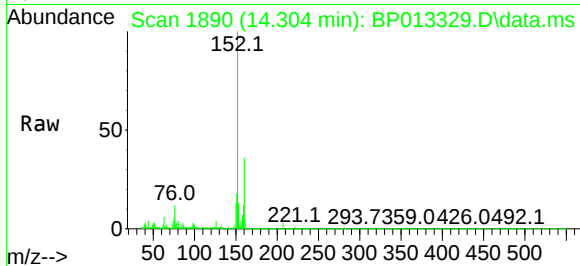
Quant Time: Dec 25 21:39:54 2022
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.479 ng/ul
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43

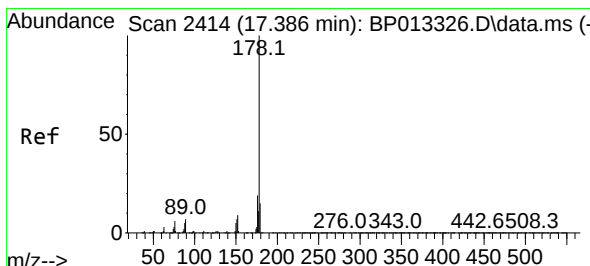
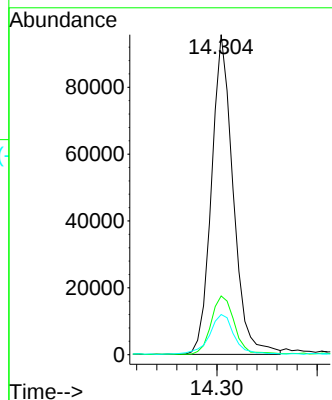
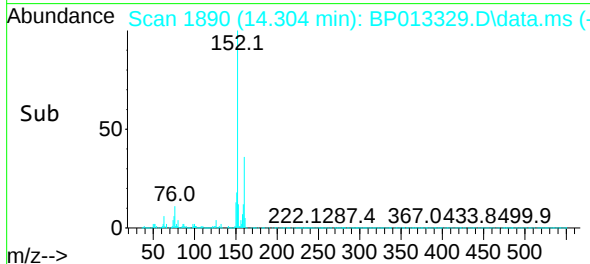
Instrument :
BNA_P
ClientSampleId :
DBYK5



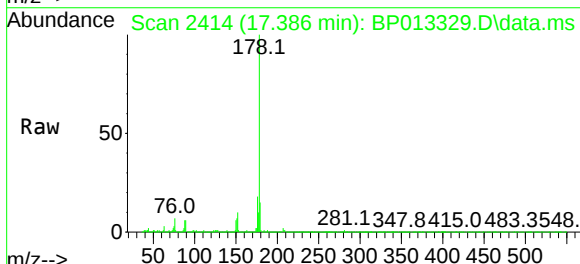
Tgt Ion:152 Resp: 143395
Ion Ratio Lower Upper
152 100
151 18.4 15.8 23.6
153 12.6 10.6 16.0

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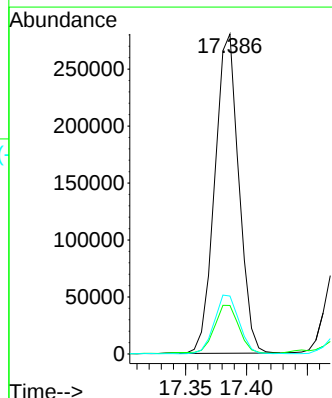
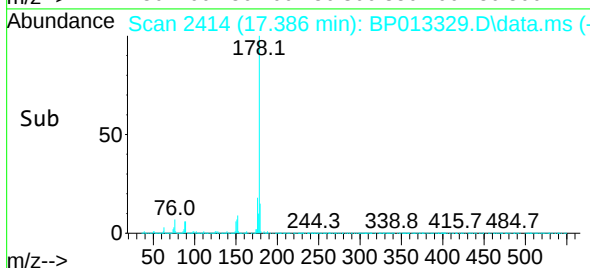
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

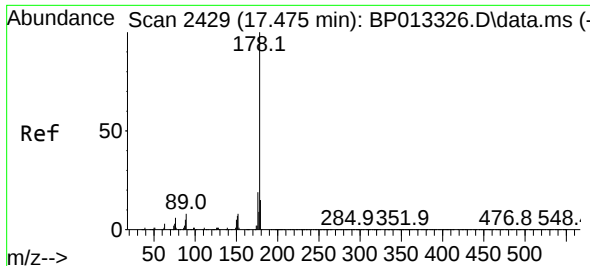


#72
Phenanthrene
Concen: 3.080 ng/ul
RT: 17.386 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43



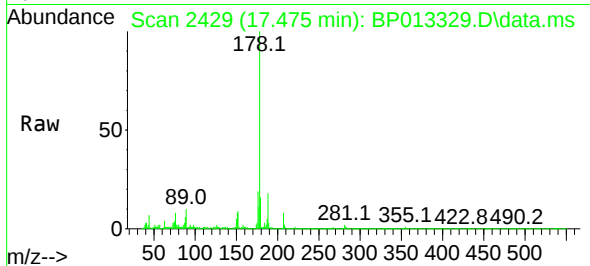
Tgt Ion:178 Resp: 384083
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 18.1 15.4 23.0





#74
 Anthracene
 Concen: 1.050 ng/ul
 RT: 17.475 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BP013329.D
 Acq: 25 Dec 2022 08:43

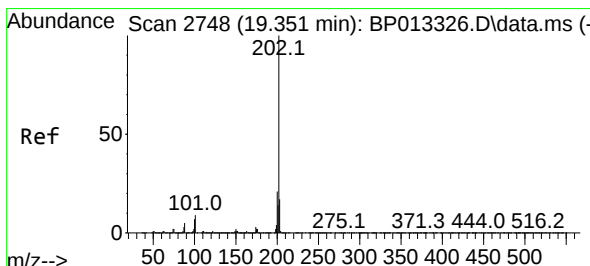
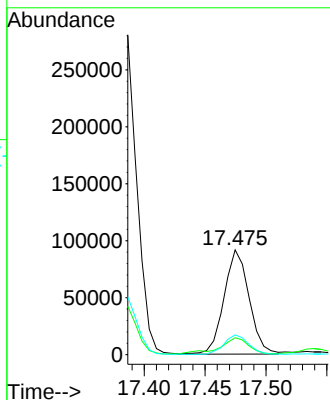
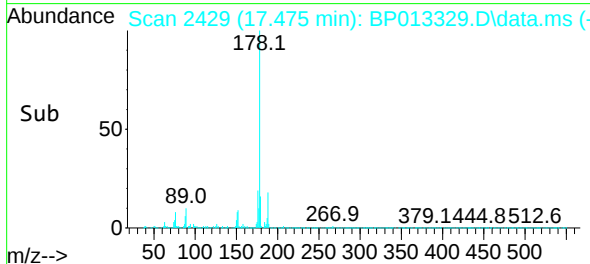
Instrument :
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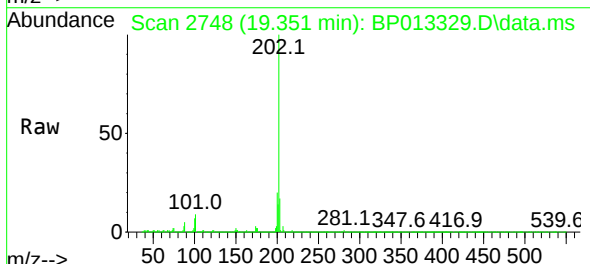
Tgt Ion:178 Resp: 130728
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 18.9 14.8 22.2

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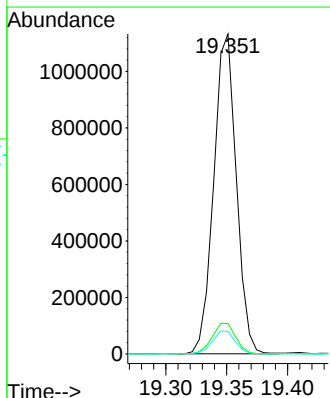
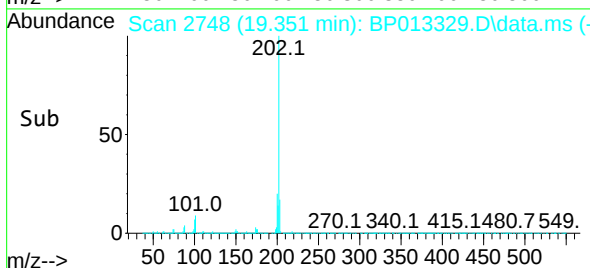
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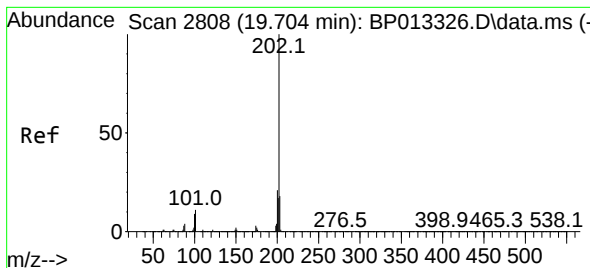


#80
 Fluoranthene
 Concen: 8.568 ng/ul
 RT: 19.351 min Scan# 2748
 Delta R.T. 0.000 min
 Lab File: BP013329.D
 Acq: 25 Dec 2022 08:43



Tgt Ion:202 Resp: 1460030
 Ion Ratio Lower Upper
 202 100
 101 9.5 8.2 12.2
 100 7.1 6.1 9.1





#82

Pyrene

Concen: 6.758 ng/ul

RT: 19.704 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013329.D

Acq: 25 Dec 2022 08:43

Instrument :

BNA_P

ClientSampleId :

DBYK5

Tgt Ion:202 Resp: 1187912

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

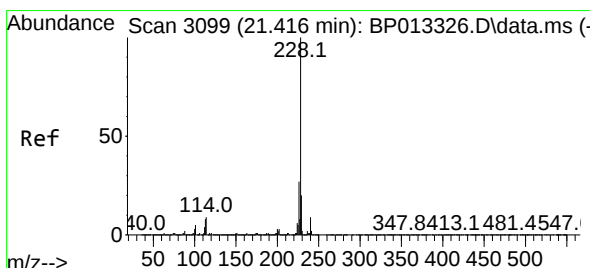
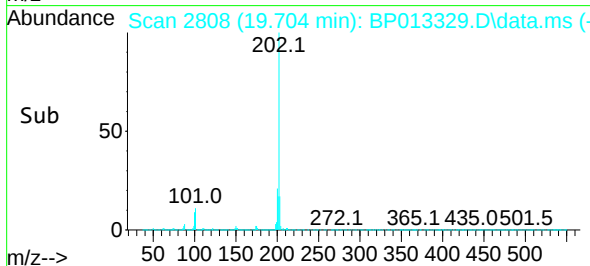
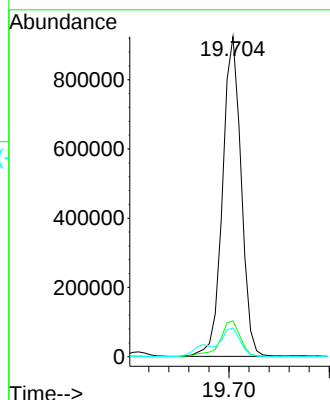
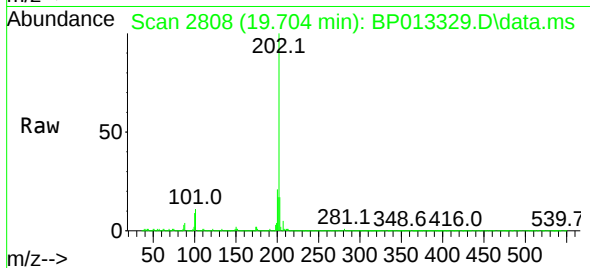
100 9.0 7.8 11.8

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#85

Benzo(a)anthracene

Concen: 5.585 ng/ul

RT: 21.416 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BP013329.D

Acq: 25 Dec 2022 08:43

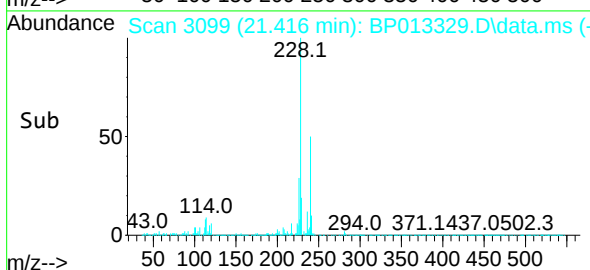
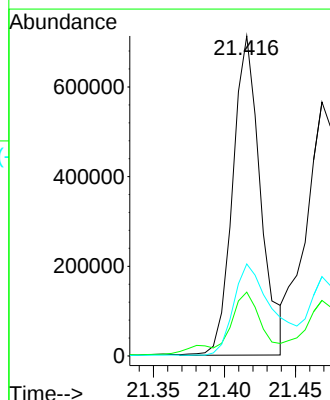
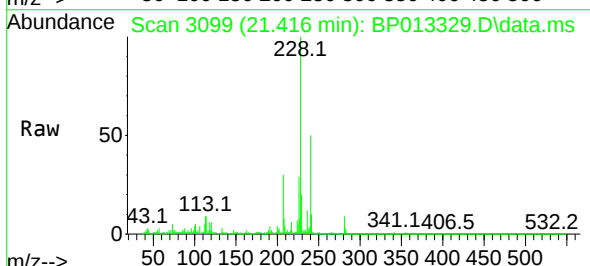
Tgt Ion:228 Resp: 969712

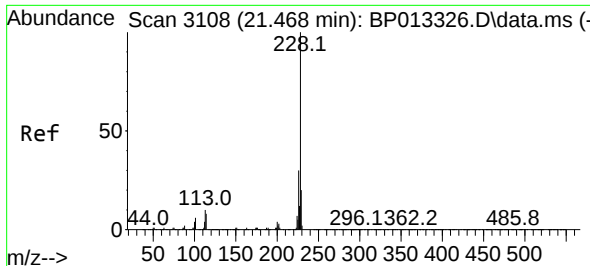
Ion Ratio Lower Upper

228 100

229 20.0 16.1 24.1

226 28.8 22.0 33.0





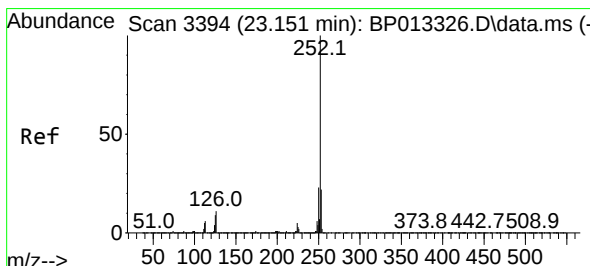
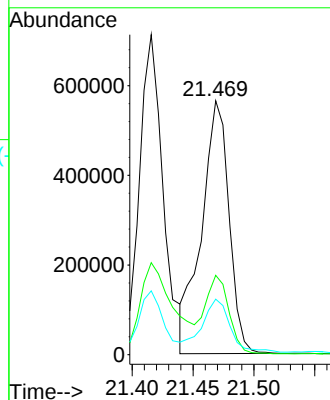
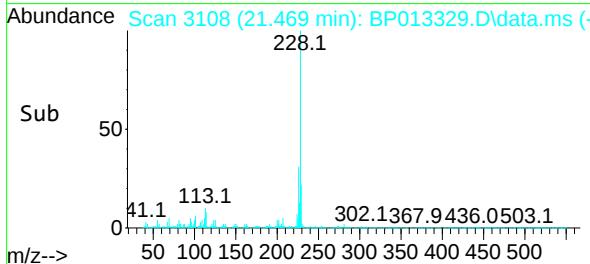
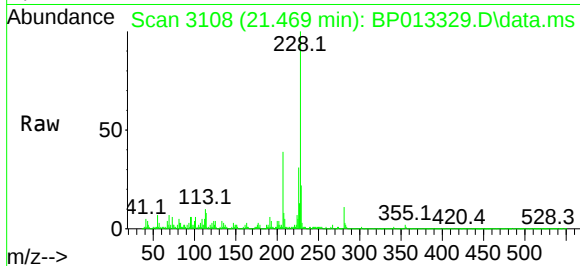
#87
Chrysene
Concen: 5.396 ng/u1
RT: 21.469 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43

Instrument :
BNA_P
ClientSampleId :
DBYK5

Tgt Ion:228 Resp: 886084
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 21.8 16.0 24.0

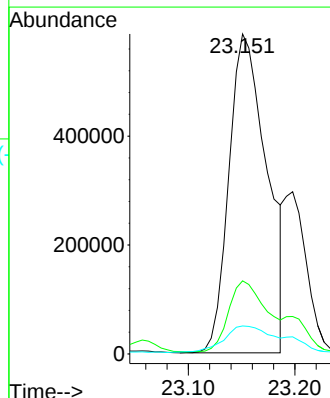
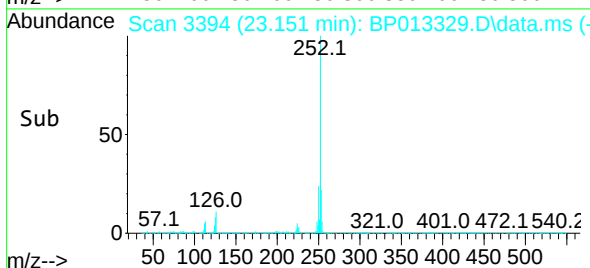
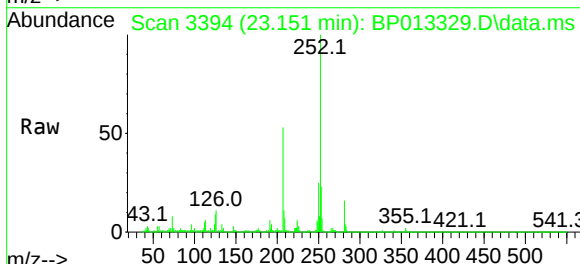
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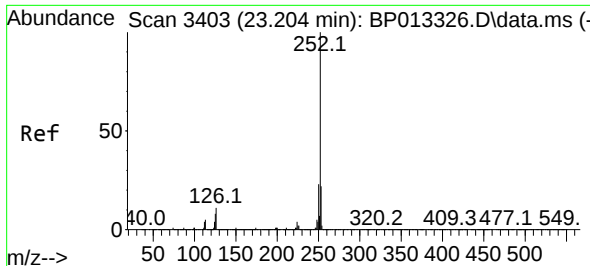
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#90
Benzo(b)fluoranthene
Concen: 7.340 ng/u1
RT: 23.151 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43

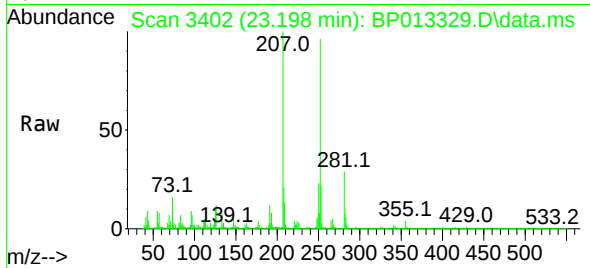
Tgt Ion:252 Resp: 1448348
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 8.8 6.8 10.2





#91
Benzo(k)fluoranthene
Concen: 2.188 ng/ul m
RT: 23.198 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43

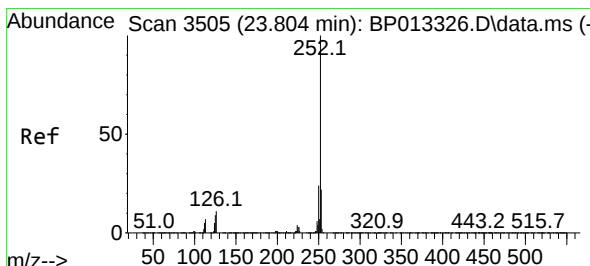
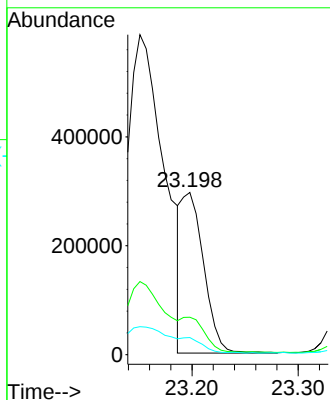
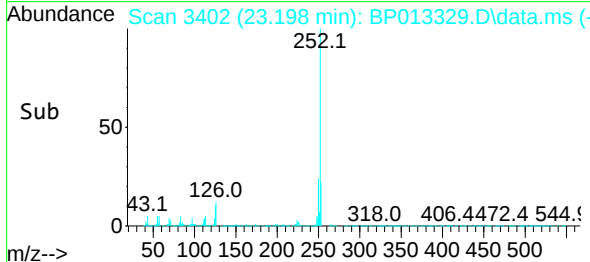
Instrument :
BNA_P
ClientSampleId :
DBYK5



Tgt Ion:252 Resp: 428030
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 10.6 6.8 10.2

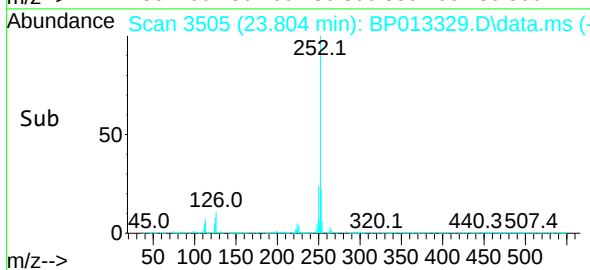
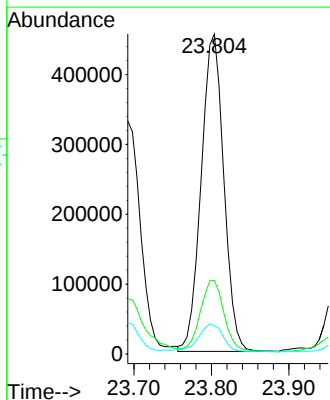
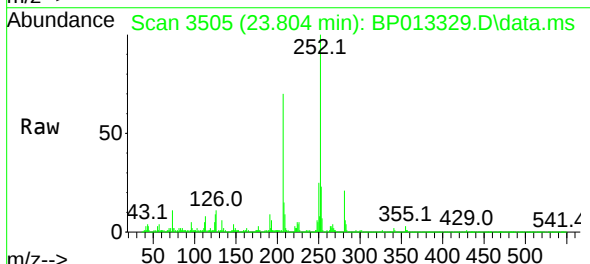
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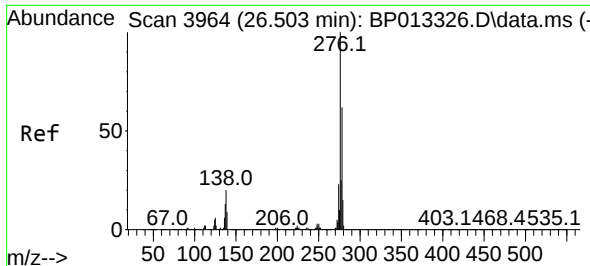
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#93
Benzo(a)pyrene
Concen: 5.352 ng/ul
RT: 23.804 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43

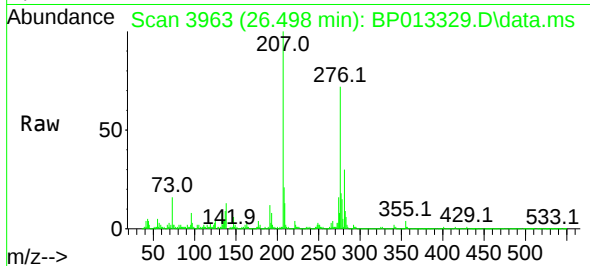
Tgt Ion:252 Resp: 919506
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 8.8 7.5 11.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.438 ng/ul
RT: 26.498 min Scan# 3963
Delta R.T. -0.018 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43

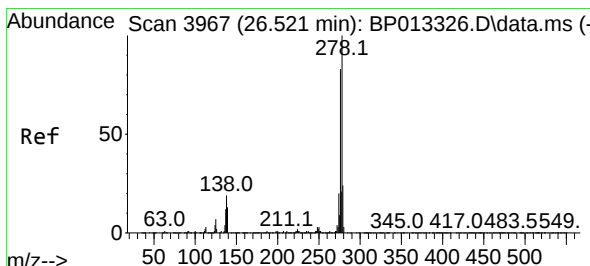
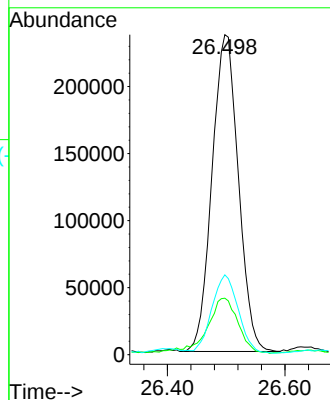
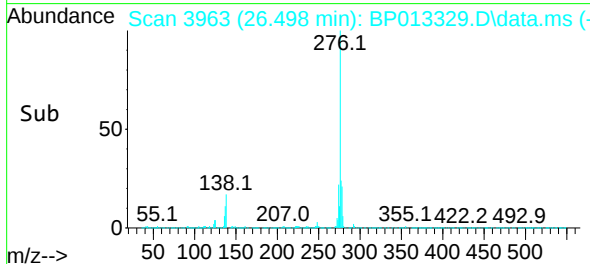
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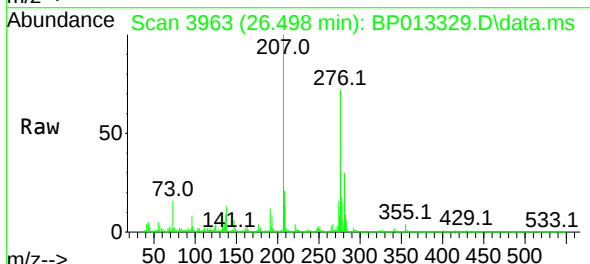
Tgt Ion:276 Resp: 73585
Ion Ratio Lower Upper
276 100
138 17.7 17.1 25.7
277 24.9 20.0 30.0

Manual Integrations
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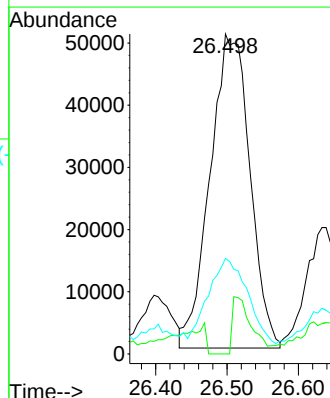
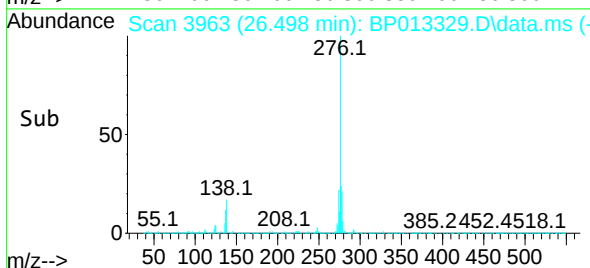
Reviewed By :Yogesh Patel 12/26/2022
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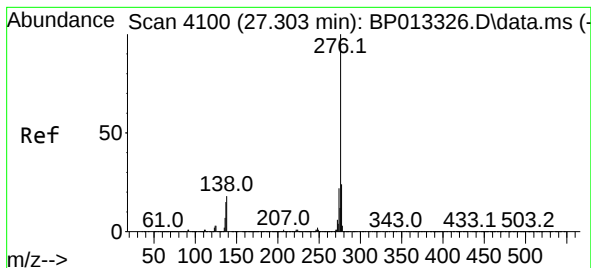


#95
Dibenzo(a,h)anthracene
Concen: 1.104 ng/ul m
RT: 26.498 min Scan# 3963
Delta R.T. -0.029 min
Lab File: BP013329.D
Acq: 25 Dec 2022 08:43



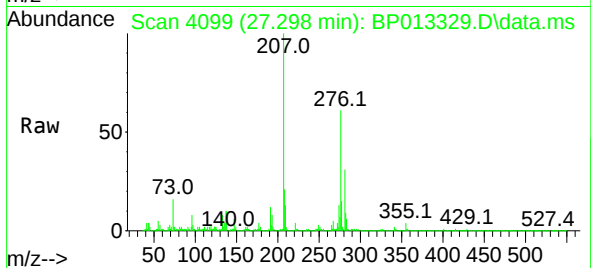
Tgt Ion:278 Resp: 195530
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7#
279 29.8 19.0 28.6#





#96
 Benzo(g,h,i)perylene
 Concen: 4.175 ng/ul
 RT: 27.298 min Scan# 4099
 Delta R.T. -0.012 min
 Lab File: BP013329.D
 Acq: 25 Dec 2022 08:43

Instrument :
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Tgt Ion:276 Resp: 71727
 Ion Ratio Lower Upper
 276 100
 138 16.9 15.4 23.2
 277 24.0 19.1 28.7

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