

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017516.D
 Acq On : 03 Oct 2023 14:23
 Operator : MA/JU
 Sample : 04417-36
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYX1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 04 01:24:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 03 22:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	108352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	435054	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.634	164	254803	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	555304	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	548565	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	610771	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6708	2.543	ng/uL	0.00
4) Pyridine-d5	3.734	84	13729	1.862	ng/u1	0.02
7) Phenol-d5	7.093	99	129430	14.544	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	111686	20.796	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	77206	10.939	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	88293	12.762	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	72704	23.116	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	28914	8.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	60629	9.397	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	177620	19.004	ng/u1	0.00
46) Dimethylphthalate-d6	14.046	166	418911	22.950	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	489586	23.321	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	11107	3.493	ng/u1	0.02
60) Fluorene-d10	15.640	176	373768	23.785	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	5657	1.807	ng/u1	0.00
73) Anthracene-d10	17.522	188	513724	20.859	ng/u1	0.00
81) Pyrene-d10	19.775	212	709712	23.924	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	685789	23.321	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.799	105	21970	2.055	ng/u1	97
36) 2-Methylnaphthalene	12.440	142	59271	4.009	ng/u1	93
37) 1-Methylnaphthalene	12.663	142	34536	2.285	ng/u1#	94
72) Phenanthrene	17.463	178	97360	3.347	ng/u1	100
80) Fluoranthene	19.445	202	46097	1.332	ng/u1	98
82) Pyrene	19.804	202	48558	1.320	ng/u1	97
90) Benzo(b)fluoranthene	23.339	252	52072	1.446	ng/u1#	90
96) Benzo(g,h,i)perylene	27.751	276	34997m	1.005	ng/u1	

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

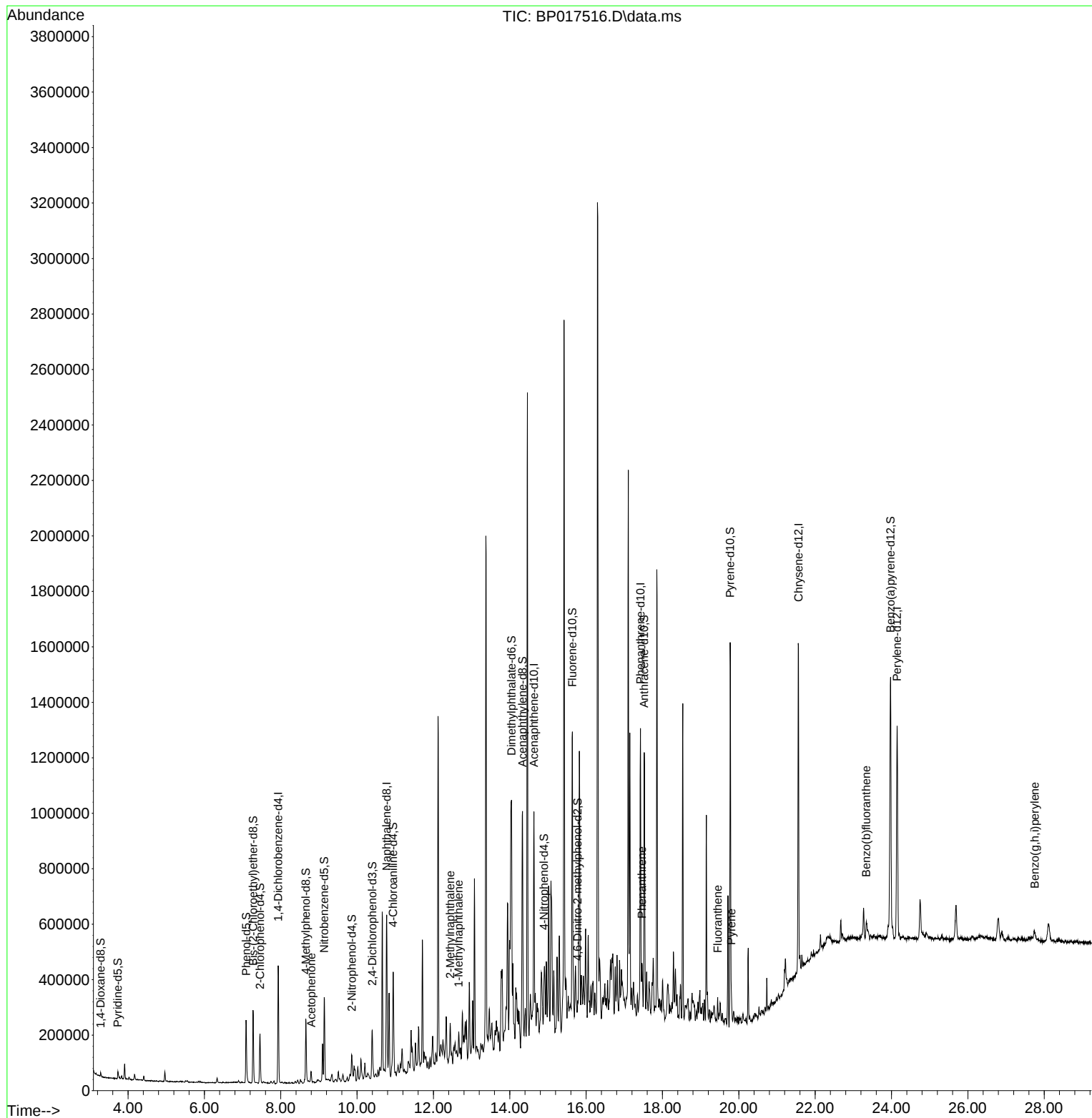
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
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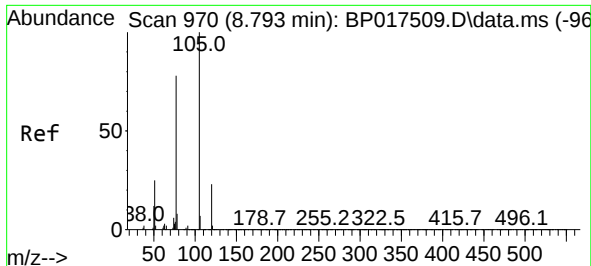
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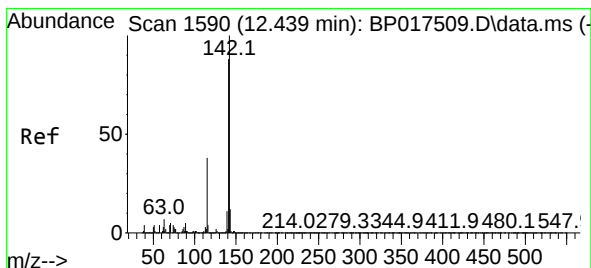
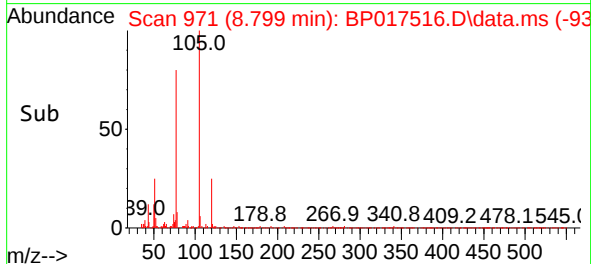
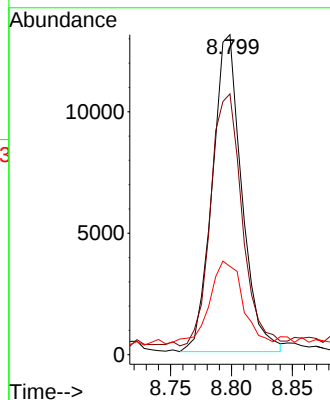
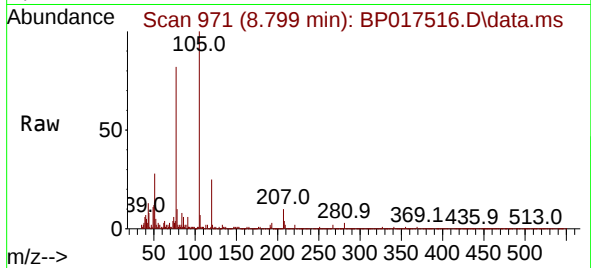
#16
Acetophenone
Concen: 2.055 ng/ul
RT: 8.799 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP017516.D
Acq: 03 Oct 2023 14:23

Instrument :
BNA_P
ClientSampleId :
EZYX1

Tgt Ion:105 Resp: 21970
Ion Ratio Lower Upper
105 100
77 81.5 63.6 95.4
51 27.6 19.2 28.8

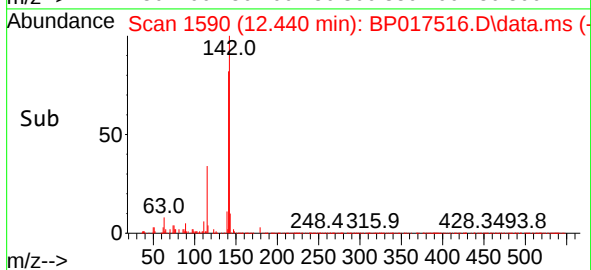
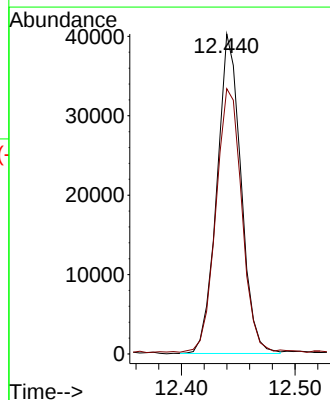
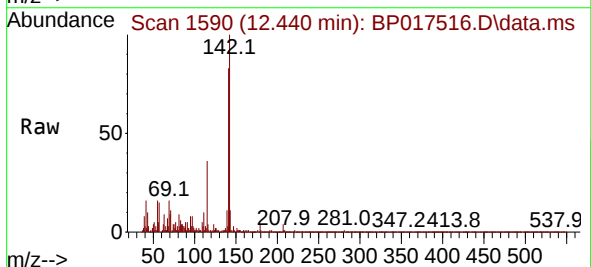
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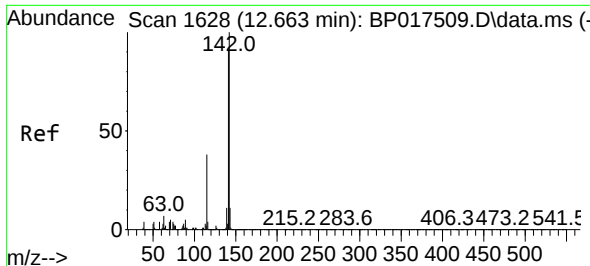
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#36
2-Methylnaphthalene
Concen: 4.009 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017516.D
Acq: 03 Oct 2023 14:23

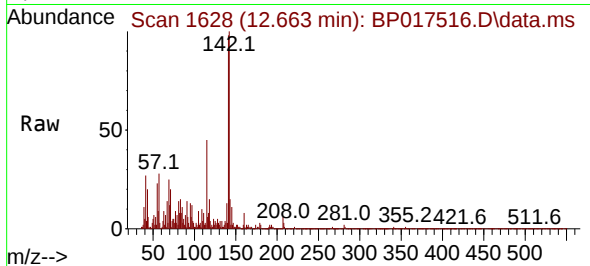
Tgt Ion:142 Resp: 59271
Ion Ratio Lower Upper
142 100
141 82.9 71.9 107.9





#37
1-Methylnaphthalene
Concen: 2.285 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP017516.D
Acq: 03 Oct 2023 14:23

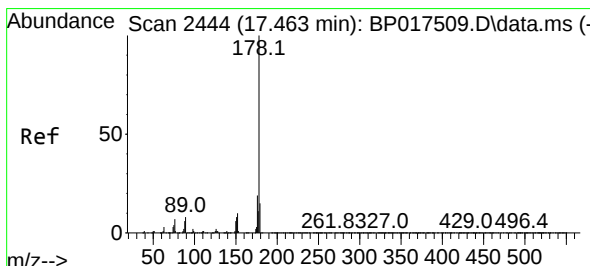
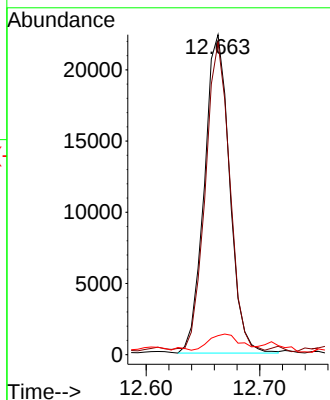
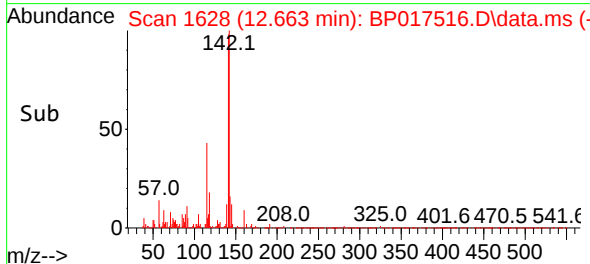
Instrument :
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EZYX1



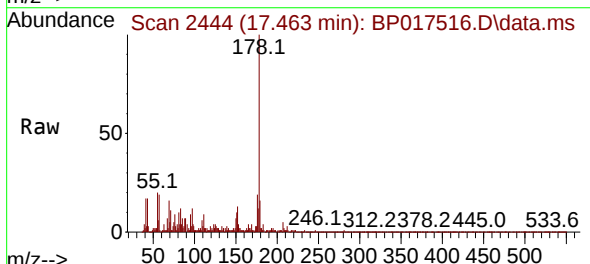
Tgt Ion:142 Resp: 34530
Ion Ratio Lower Upper
142 100
141 97.6 73.4 110.2
116 5.9 3.1 4.7

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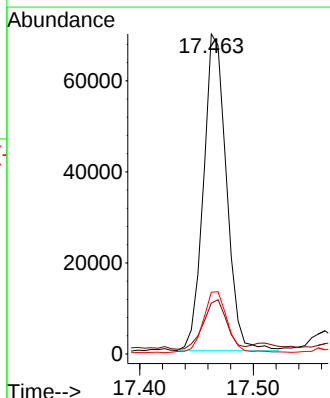
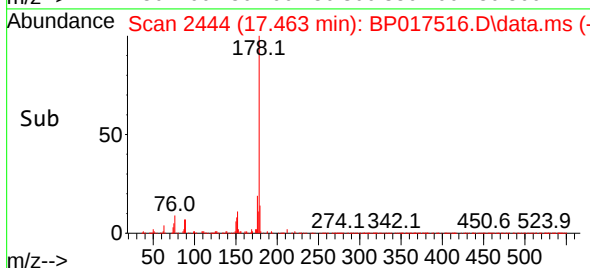
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023

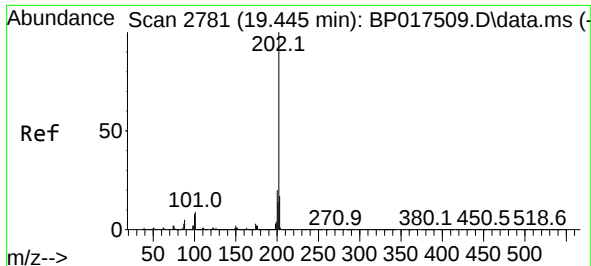


#72
Phenanthrene
Concen: 3.347 ng/ul
RT: 17.463 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BP017516.D
Acq: 03 Oct 2023 14:23



Tgt Ion:178 Resp: 97360
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.3 15.8 23.6





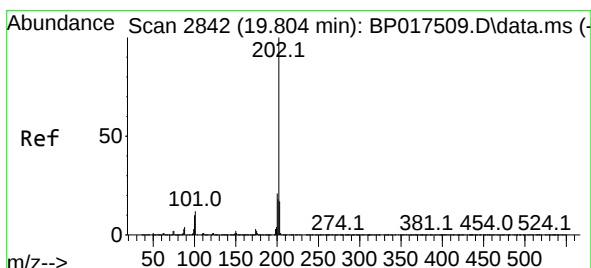
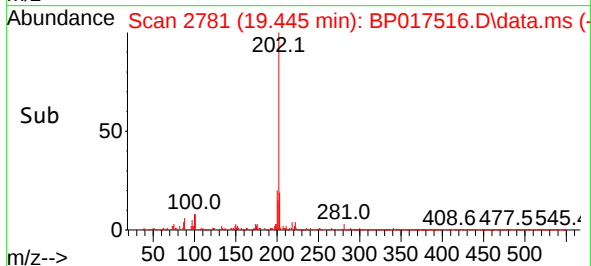
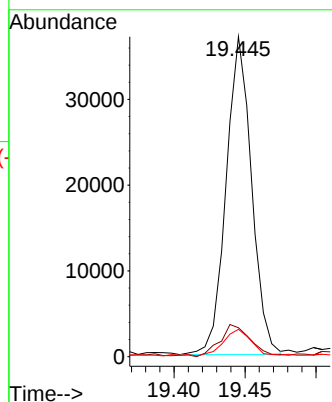
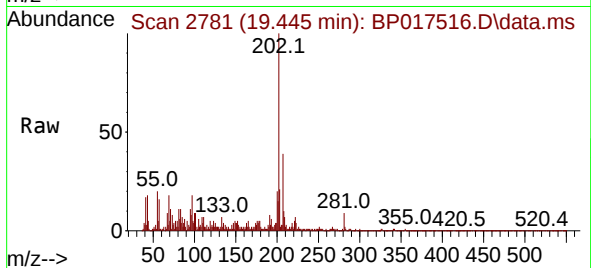
#80
Fluoranthene
Concen: 1.332 ng/u1
RT: 19.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017516.D
Acq: 03 Oct 2023 14:23

Instrument :
BNA_P
ClientSampleId :
EZYX1

Tgt Ion:202 Resp: 4609
Ion Ratio Lower Upper
202 100
101 9.0 8.4 12.6
100 8.6 6.6 10.0

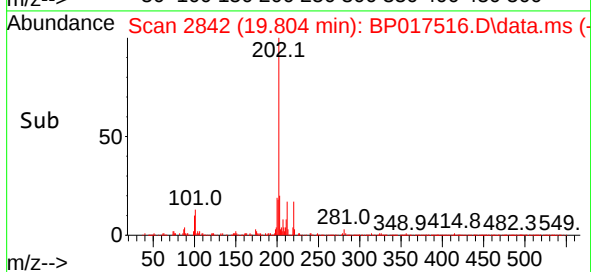
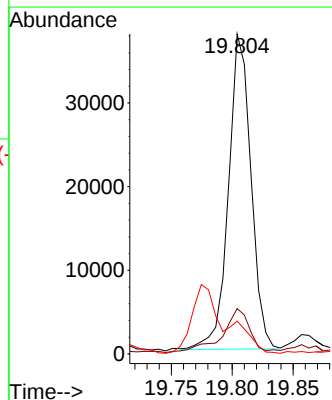
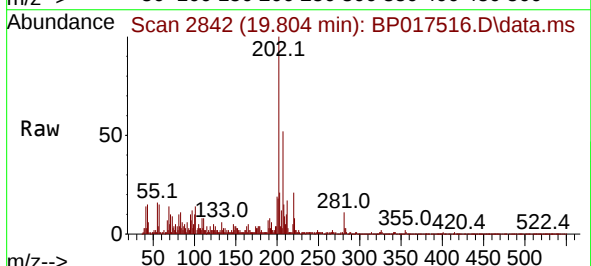
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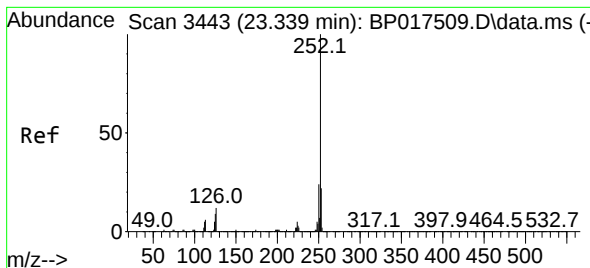
Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/05/2023



#82
Pyrene
Concen: 1.320 ng/u1
RT: 19.804 min Scan# 2842
Delta R.T. 0.000 min
Lab File: BP017516.D
Acq: 03 Oct 2023 14:23

Tgt Ion:202 Resp: 48558
Ion Ratio Lower Upper
202 100
101 14.2 9.8 14.8
100 10.2 8.1 12.1





#90

Benzo(b)fluoranthene

Concen: 1.446 ng/ul

RT: 23.339 min Scan# 3443

Delta R.T. 0.000 min

Lab File: BP017516.D

Acq: 03 Oct 2023 14:23

Instrument :

BNA_P

ClientSampleId :

EZYX1

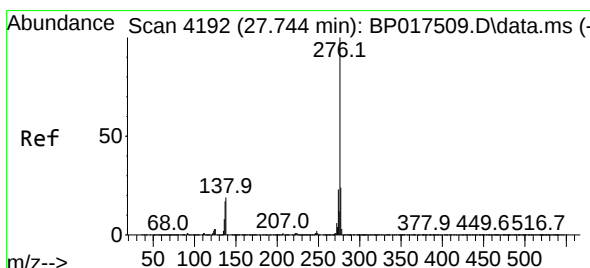
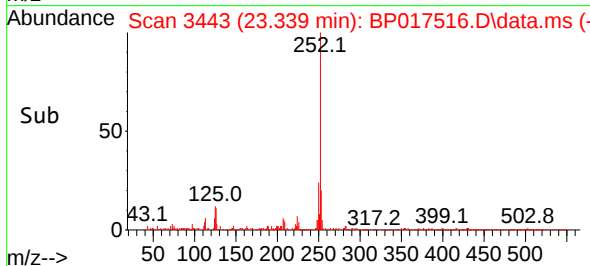
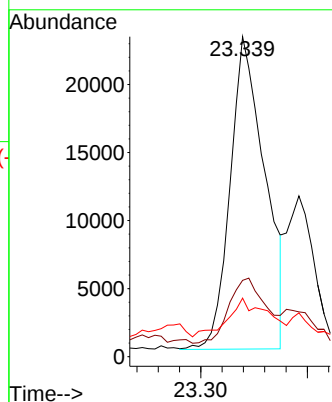
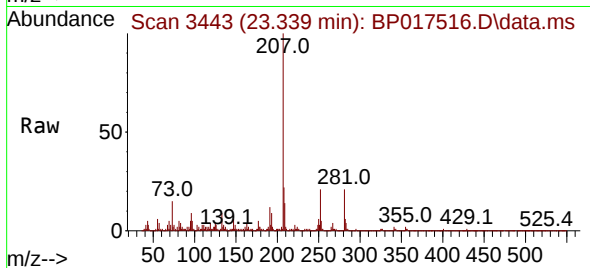
Tgt Ion:	252	Resp:	52072
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.0
125	18.3	7.8	11.8

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.005 ng/ul m

RT: 27.751 min Scan# 4193

Delta R.T. 0.006 min

Lab File: BP017516.D

Acq: 03 Oct 2023 14:23

Tgt Ion:	276	Resp:	34997
Ion Ratio	Lower	Upper	
276	100		
138	31.6	17.3	25.9
277	26.3	18.8	28.2

