

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018495.D
 Acq On : 02 Dec 2023 01:52
 Operator : MA/JU
 Sample : 05332-16DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG97DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 02:47:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	306645	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	1229766	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	737697	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	1570603	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1541414	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	1833253	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	8878	0.987	ng/uL	0.00
4) Pyridine-d5	3.699	84	55487	2.302	ng/u1	0.00
7) Phenol-d5	7.028	99	50254	1.633	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	150493	8.251	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	137242	5.716	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	90464	3.633	ng/u1	-0.01
21) Nitrobenzene-d5	9.022	128	81348	7.432	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	71768	6.324	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	155044	6.682	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	175304	5.781	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	597618	9.077	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	616215	8.500	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	13530	1.252	ng/u1	0.00
60) Fluorene-d10	15.481	176	517417	9.362	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	52972	5.625	ng/u1	-0.01
73) Anthracene-d10	17.333	188	796585	9.647	ng/u1	0.00
81) Pyrene-d10	19.569	212	1019464	8.496	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1040738	9.736	ng/u1	-0.01
Target Compounds					Qvalue	
43) 1,1'-Biphenyl	13.328	154	1063860	16.675	ng/u1	98
50) Acenaphthylene	14.216	152	3886077	47.675	ng/u1	100
52) Acenaphthene	14.557	153	1326666	24.616	ng/u1	98
56) Dibenzofuran	14.886	168	1431925	19.116	ng/u1	100
61) Fluorene	15.539	166	1236868	20.868	ng/u1	99
72) Phenanthrene	17.280	178	148927	1.570	ng/u1	100
74) Anthracene	17.369	178	374240m	3.936	ng/u1	
77) Carbazole	17.639	167	486341	6.418	ng/u1	99
80) Fluoranthene	19.245	202	499307	3.520	ng/u1	100
82) Pyrene	19.598	202	453534	3.170	ng/u1	98

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

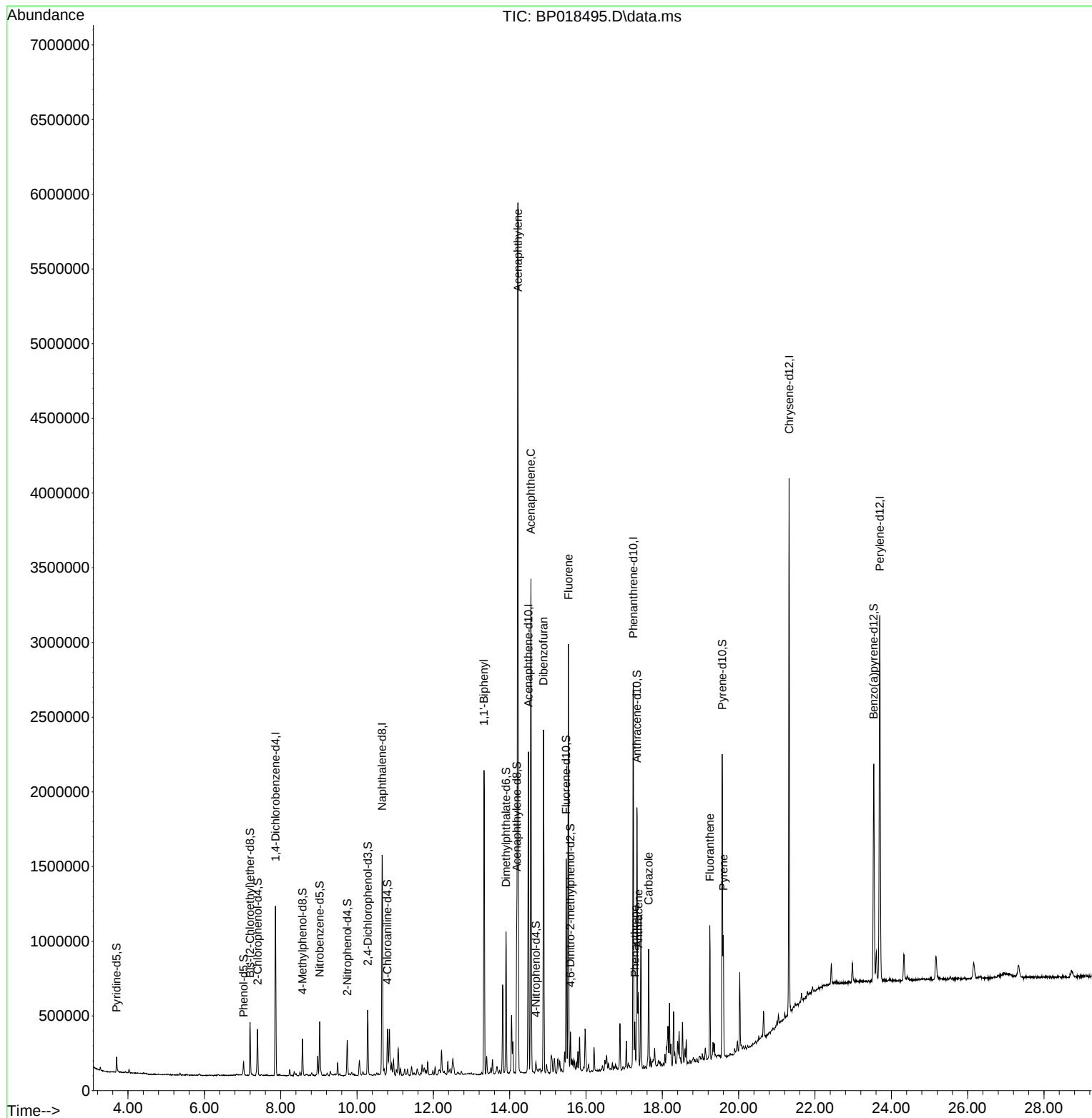
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018495.D
Acq On : 02 Dec 2023 01:52
Operator : MA/JU
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ALS Vial : 22 Sample Multiplier: 1

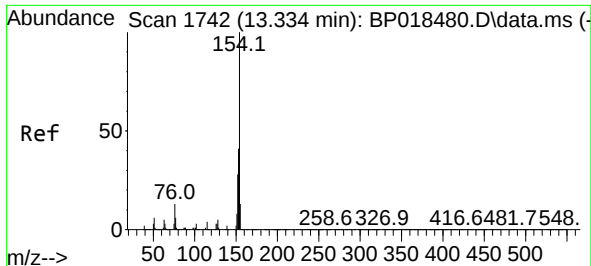
Instrument :
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Quant Time: Dec 02 02:47:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 21:56:43 2023
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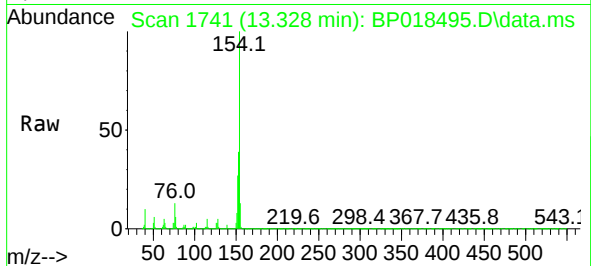
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023





#43
1,1'-Biphenyl
Concen: 16.675 ng/ul
RT: 13.328 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP018495.D
Acq: 02 Dec 2023 01:52

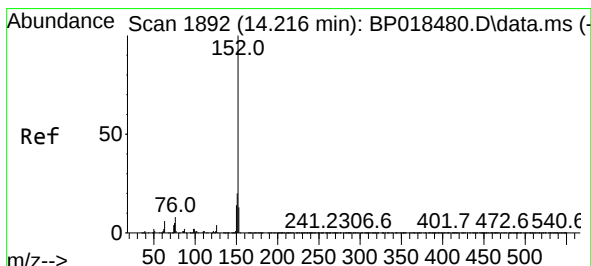
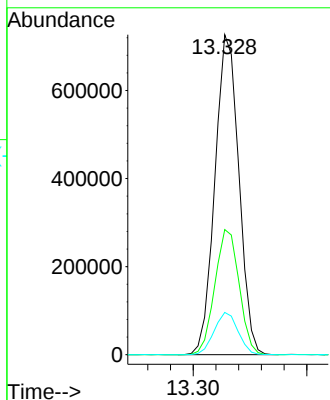
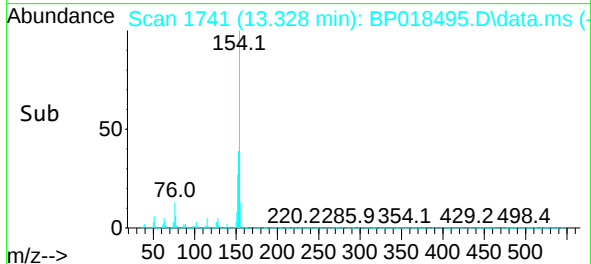
Instrument :
BNA_P
ClientSampleId :
YCG97DL



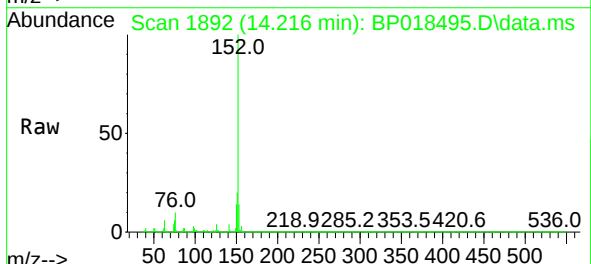
Tgt Ion:154 Resp: 1063860
Ion Ratio Lower Upper
154 100
153 39.1 32.8 49.2
76 13.2 10.7 16.1

Manual Integrations
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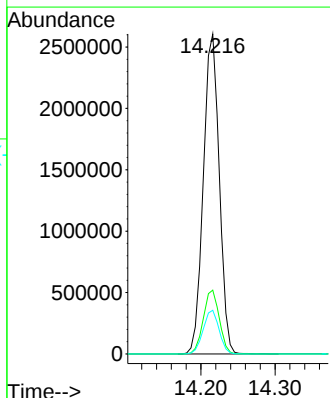
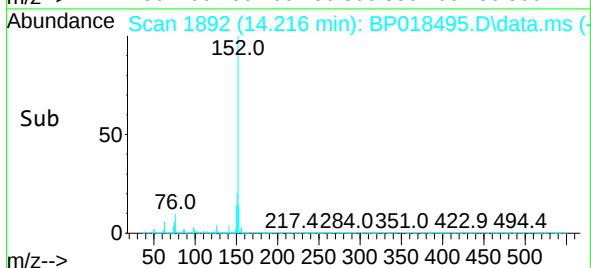
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

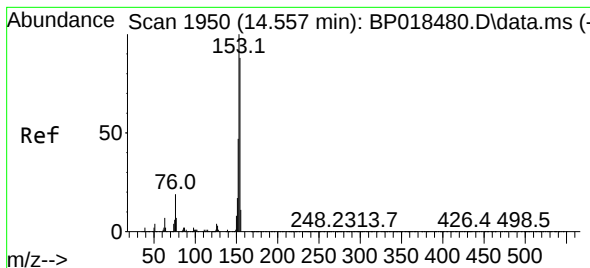


#50
Acenaphthylene
Concen: 47.675 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP018495.D
Acq: 02 Dec 2023 01:52



Tgt Ion:152 Resp: 3886077
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.6 10.6 16.0





#52

Acenaphthene

Concen: 24.616 ng/ul

RT: 14.557 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP018495.D

Acq: 02 Dec 2023 01:52

Instrument :

BNA_P

ClientSampleId :

YCG97DL

Tgt Ion:153 Resp: 132666

Ion Ratio Lower Upper

153 100

152 47.5 38.1 57.1

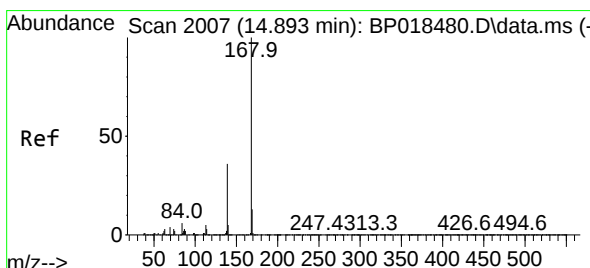
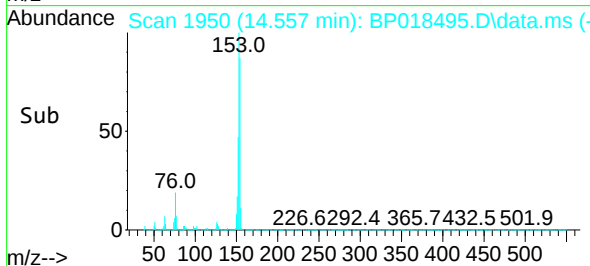
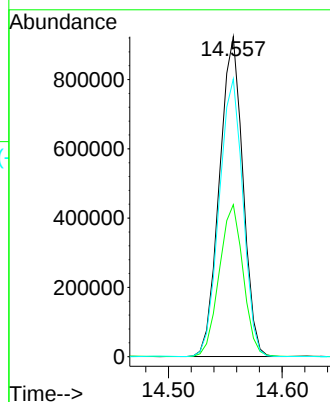
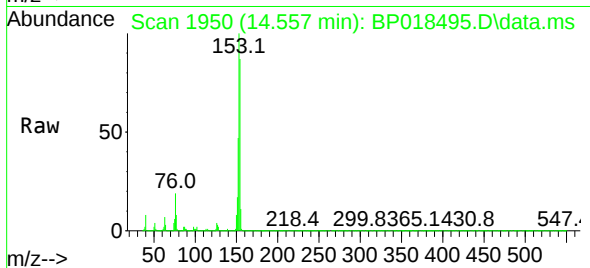
154 86.8 71.7 107.5

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#56

Dibenzofuran

Concen: 19.116 ng/ul

RT: 14.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BP018495.D

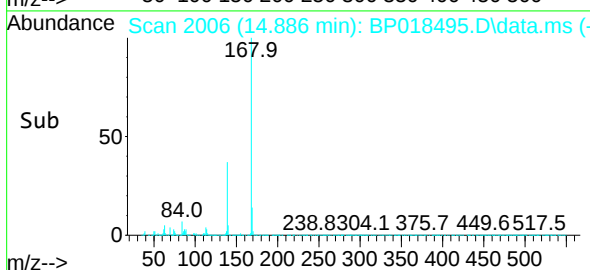
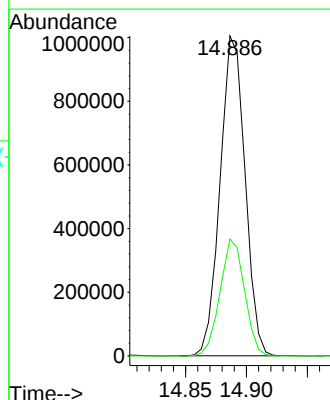
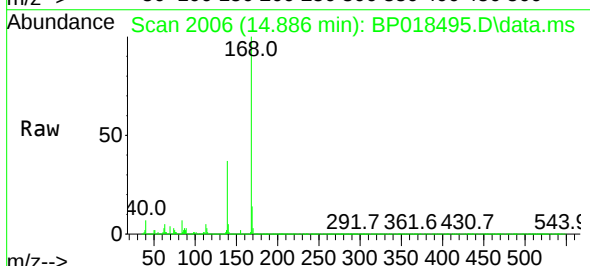
Acq: 02 Dec 2023 01:52

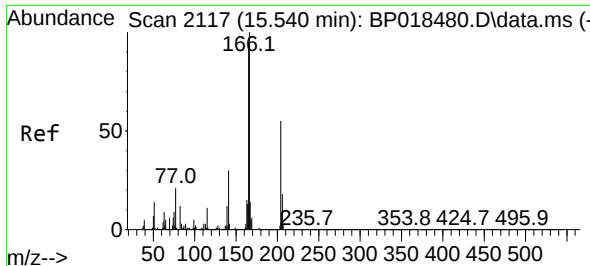
Tgt Ion:168 Resp: 1431925

Ion Ratio Lower Upper

168 100

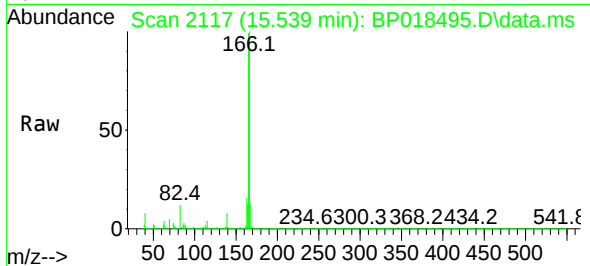
139 36.6 29.1 43.7





#61
Fluorene
Concen: 20.868 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BP018495.D
Acq: 02 Dec 2023 01:52

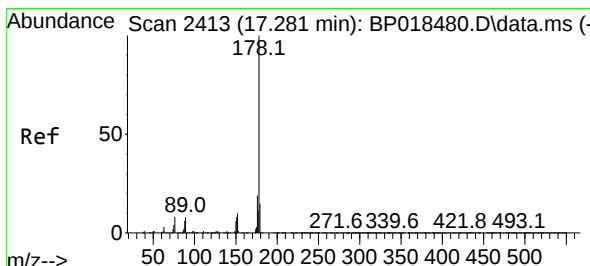
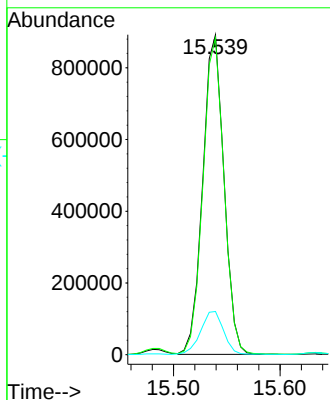
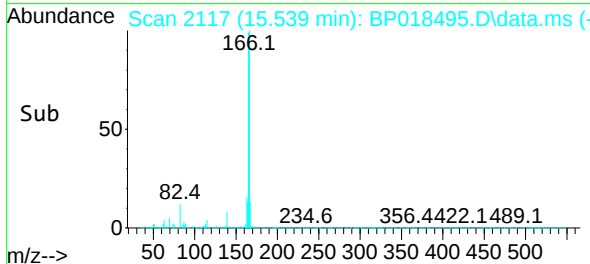
Instrument :
BNA_P
ClientSampleId :
YCG97DL



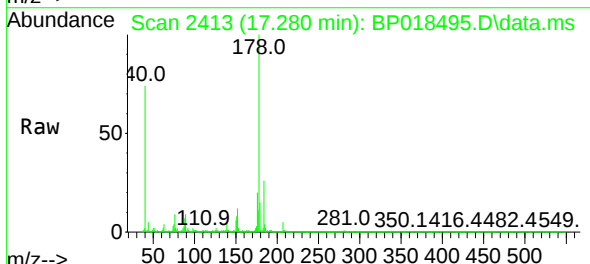
Tgt Ion:166 Resp: 123686
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 13.5 10.8 16.2

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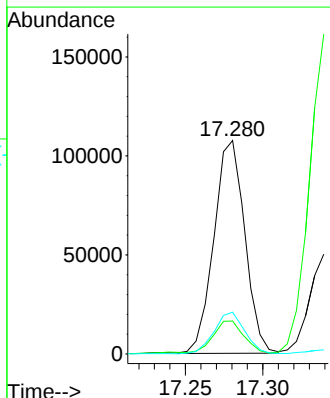
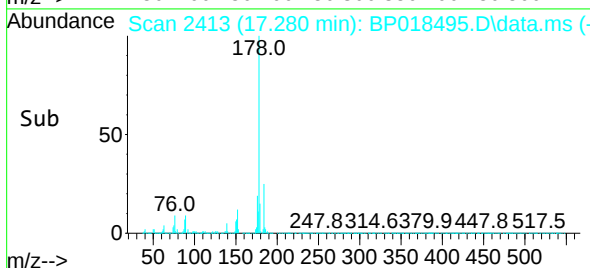
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

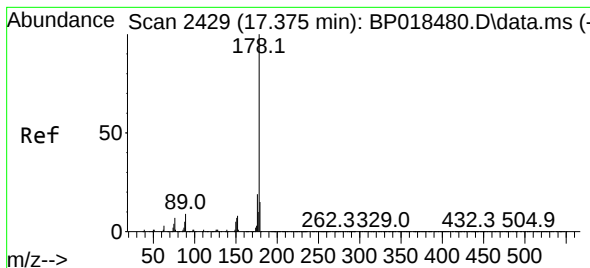


#72
Phenanthrene
Concen: 1.570 ng/ul
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP018495.D
Acq: 02 Dec 2023 01:52



Tgt Ion:178 Resp: 148927
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.6 15.4 23.2





#74

Anthracene

Concen: 3.936 ng/ul m

RT: 17.369 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP018495.D

Acq: 02 Dec 2023 01:52

Instrument :

BNA_P

ClientSampleId :

YCG97DL

Tgt Ion:178 Resp: 374240

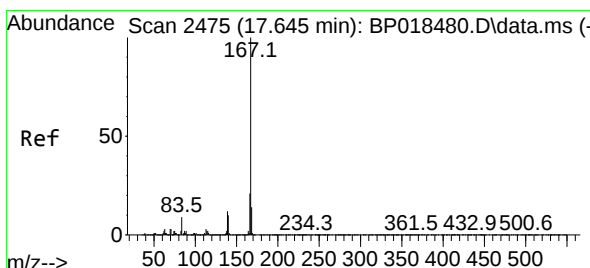
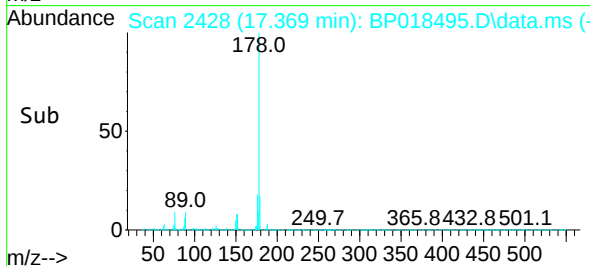
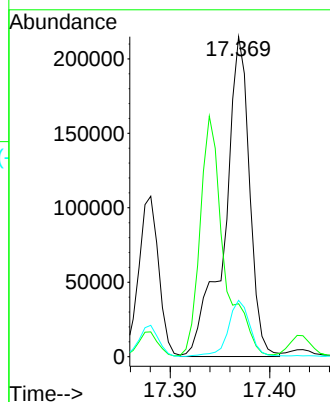
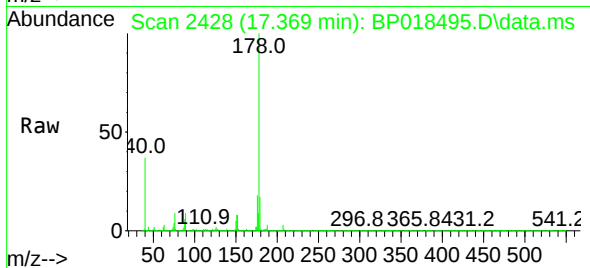
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	17.6	15.0	22.6

Manual Integrations

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#77

Carbazole

Concen: 6.418 ng/ul

RT: 17.639 min Scan# 2474

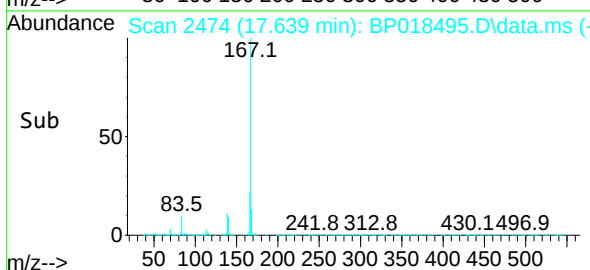
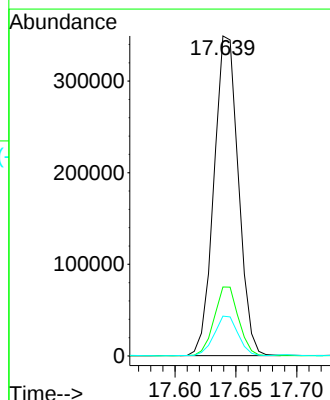
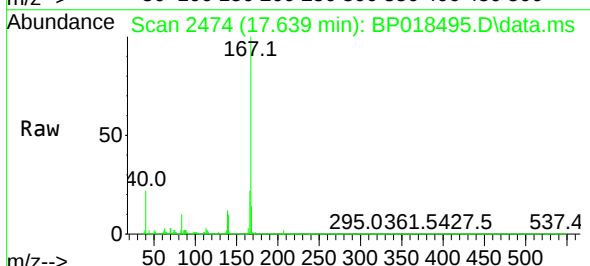
Delta R.T. -0.012 min

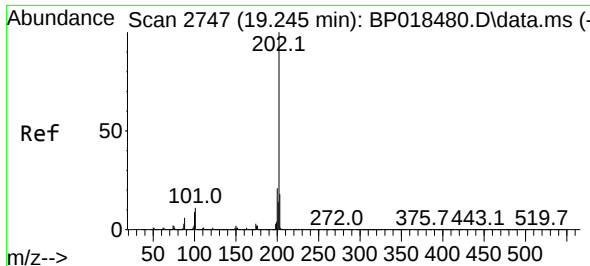
Lab File: BP018495.D

Acq: 02 Dec 2023 01:52

Tgt Ion:167 Resp: 486341

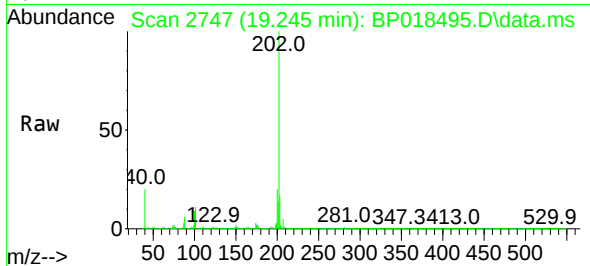
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.5	10.2	15.4





#80
Fluoranthene
Concen: 3.520 ng/u1
RT: 19.245 min Scan# 2747
Delta R.T. -0.006 min
Lab File: BP018495.D
Acq: 02 Dec 2023 01:52

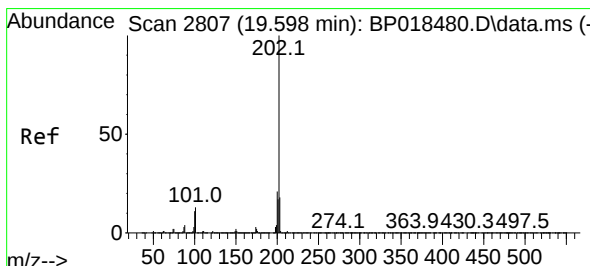
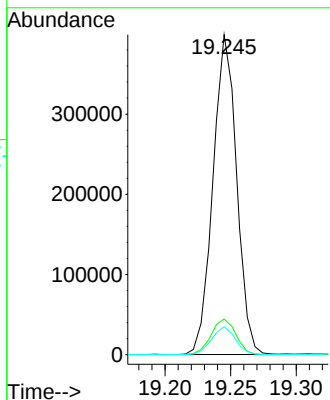
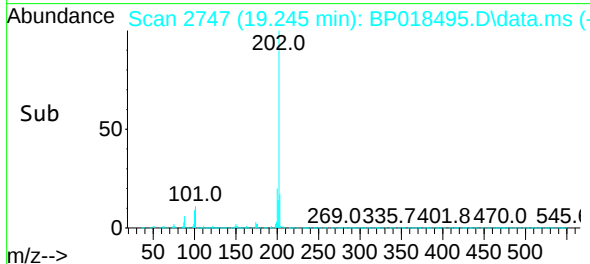
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YCG97DL



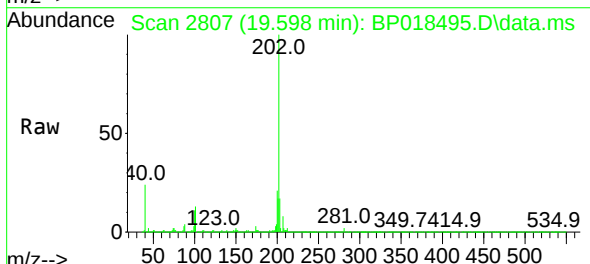
Tgt Ion:202 Resp: 499307
Ion Ratio Lower Upper
202 100
101 11.1 9.1 13.7
100 8.8 7.1 10.7

Manual Integrations
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#82
Pyrene
Concen: 3.170 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BP018495.D
Acq: 02 Dec 2023 01:52



Tgt Ion:202 Resp: 453534
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.9 9.1 13.7

