

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
 Data File : BP007473.D
 Acq On : 18 Oct 2021 20:20
 Operator : CG/JU
 Sample : M4181-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B29

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:36:51 PM

Quant Time: Oct 19 01:23:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 18 11:26:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	159498	20.00	ng/ul	0.00
20) Naphthalene-d8	10.763	136	664062	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	422533	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	910483	20.00	ng/ul	0.00
79) Chrysene-d12	21.433	240	943981	20.00	ng/ul	0.00
88) Perylene-d12	23.886	264	974402	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	15439	3.82	ng/uL	0.00
4) Pyridine-d5	3.811	84	13336m	1.21	ng/ul	0.02
7) Phenol-d5	7.111	99	287777	23.10	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	166109	22.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	220131	22.46	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	227987	23.76	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	105881	25.19	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	108754	27.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	225601	23.56	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	308956	23.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	708735	24.24	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	851668	23.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	103319	22.03	ng/ul	0.00
60) Fluorene-d10	15.587	176	623531	25.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	65546	17.97	ng/ul	0.00
73) Anthracene-d10	17.445	188	964471	24.94	ng/ul	0.00
81) Pyrene-d10	19.675	212	1093180	23.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1119710	23.09	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.816	128	64989	2.01	ng/ul	97
36) 2-Methylnaphthalene	12.422	142	60209	2.73	ng/ul	98
37) 1-Methylnaphthalene	12.640	142	46009	2.06	ng/ul	96
72) Phenanthrene	17.387	178	62015	1.36	ng/ul	97
80) Fluoranthene	19.351	202	68917	1.18	ng/ul	99
82) Pyrene	19.704	202	71413	1.21	ng/ul	97
85) Benzo(a)anthracene	21.416	228	71914	1.24	ng/ul	96
87) Chrysene	21.469	228	97353	1.73	ng/ul	96
90) Benzo(b)fluoranthene	23.139	252	184849	3.12	ng/ul	98

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

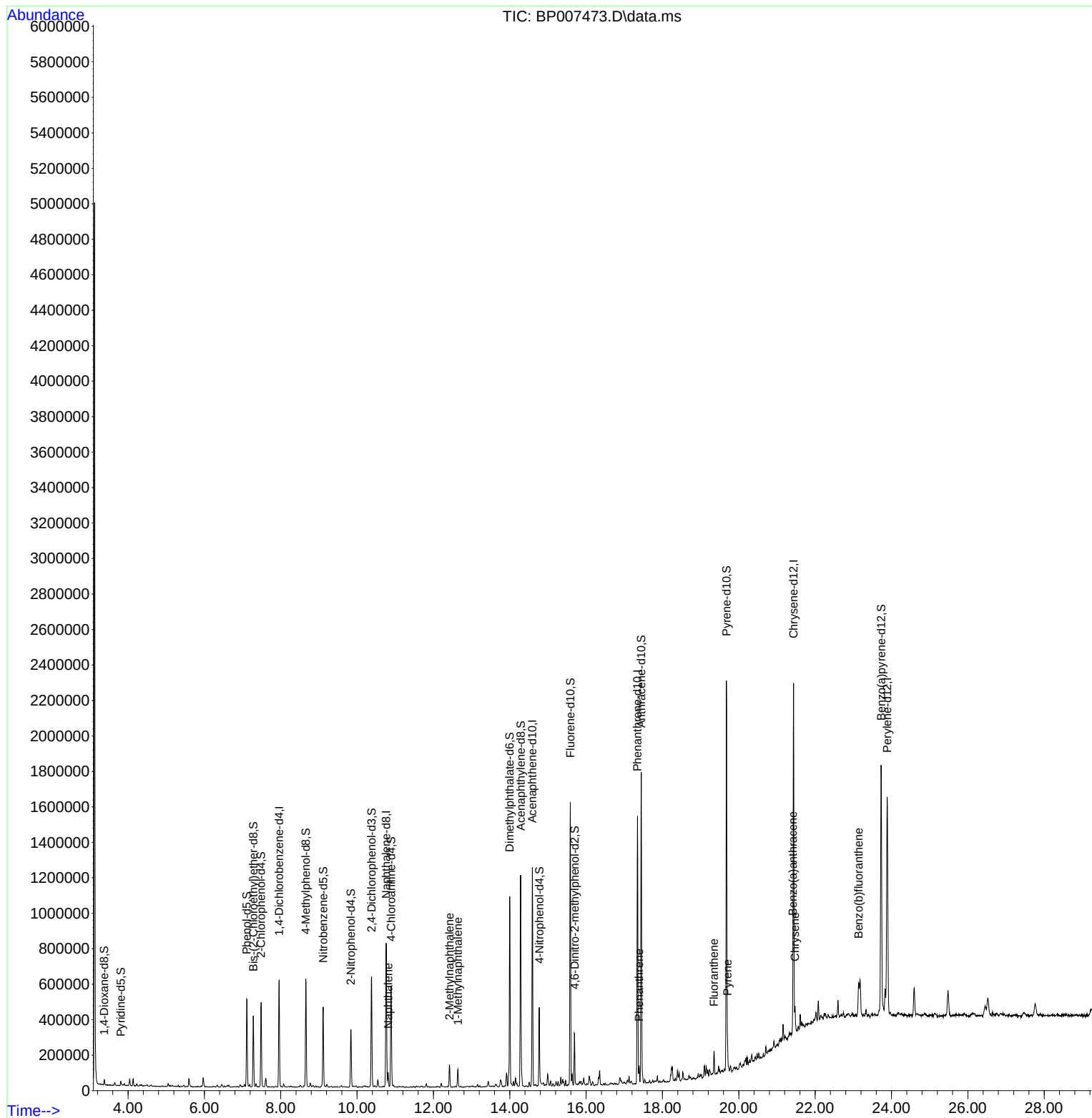
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007473.D
Acq On : 18 Oct 2021 20:20
Operator : CG/JU
Sample : M4181-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

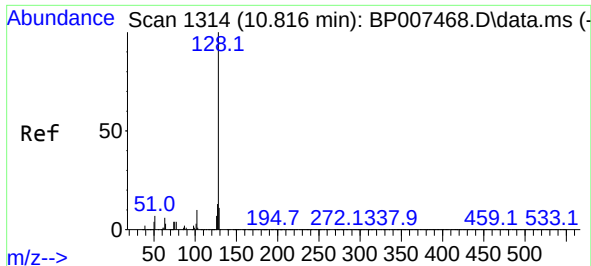
Instrument :
BNA_P
ClientSampleId :
C0B29

Manual Integrations
APPROVED

mohammad
10/19/2021 12:36:51 PM

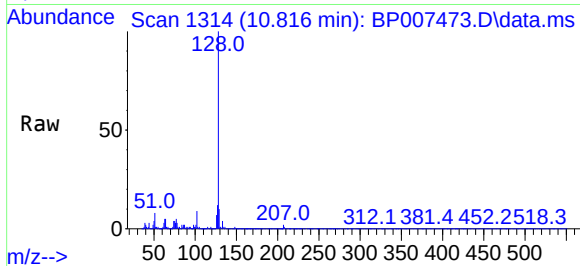
Quant Time: Oct 19 01:23:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 18 11:26:58 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 2.01 ng/ul
RT: 10.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20

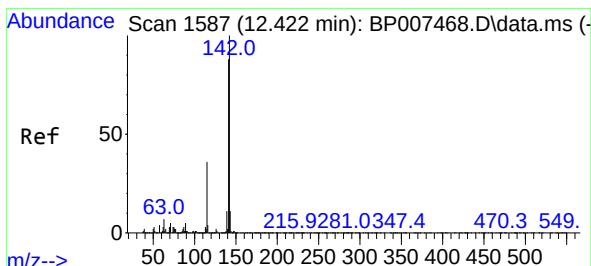
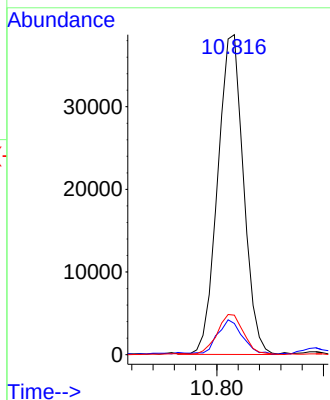
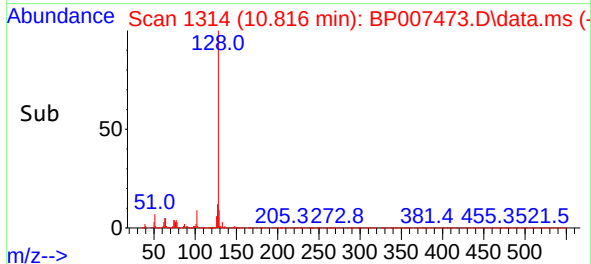
Instrument :
BNA_P
ClientSampleId :
C0B29



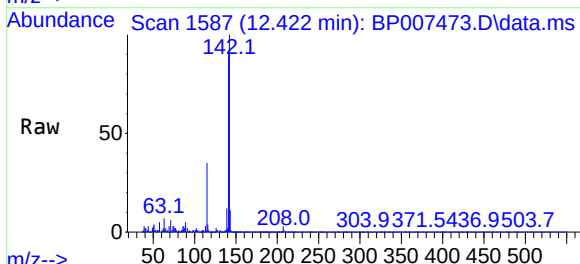
Tgt Ion:128 Resp: 64989
Ion Ratio Lower Upper
128 100
129 9.8 8.8 13.2
127 12.4 10.5 15.7

Manual Integrations
APPROVED

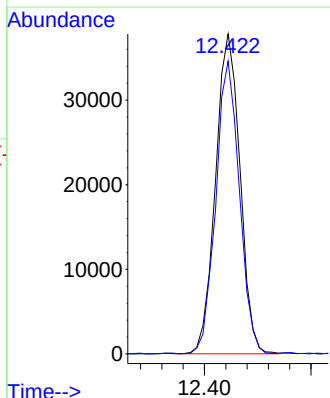
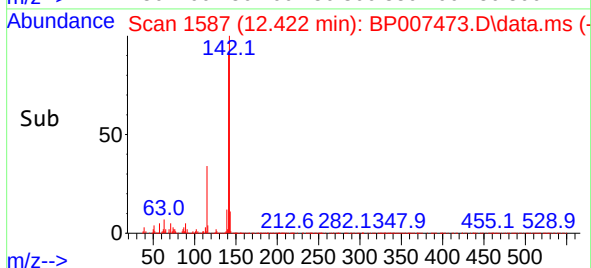
mohammad
10/19/2021 12:36:51 PM

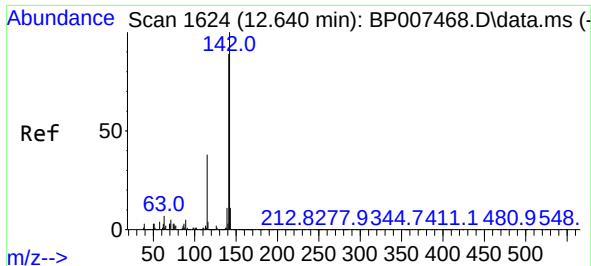


#36
2-Methylnaphthalene
Concen: 2.73 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20



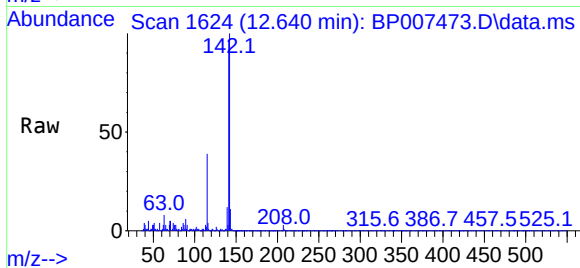
Tgt Ion:142 Resp: 60209
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.6





#37
1-Methylnaphthalene
Concen: 2.06 ng/ul
RT: 12.640 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20

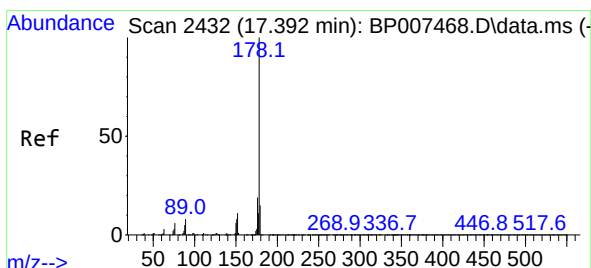
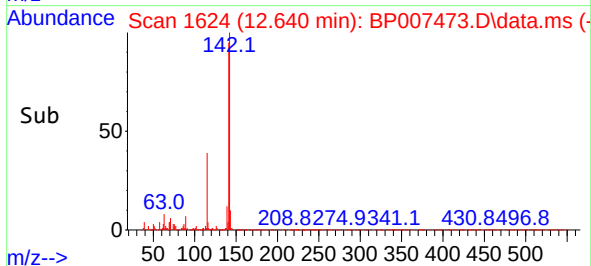
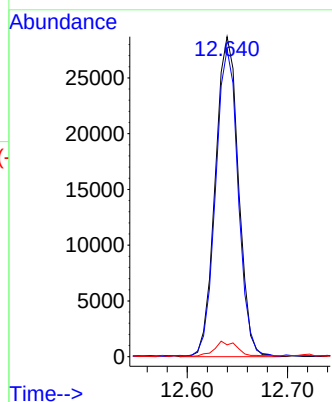
Instrument :
BNA_P
ClientSampled :
C0B29



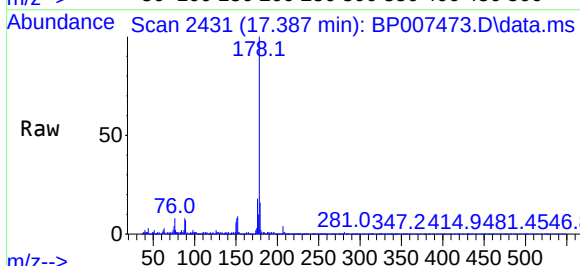
Tgt Ion:142 Resp: 46009
Ion Ratio Lower Upper
142 100
141 96.1 73.5 110.3
116 3.7 3.1 4.7

Manual Integrations
APPROVED

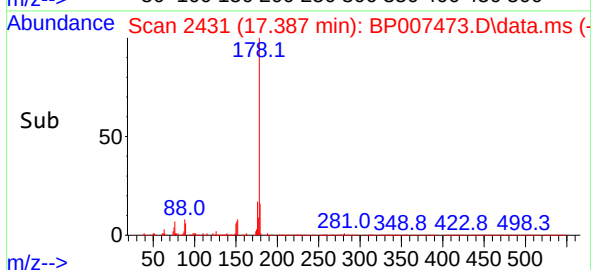
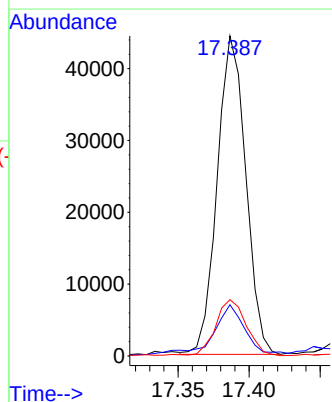
mohammad
10/19/2021 12:36:51 PM

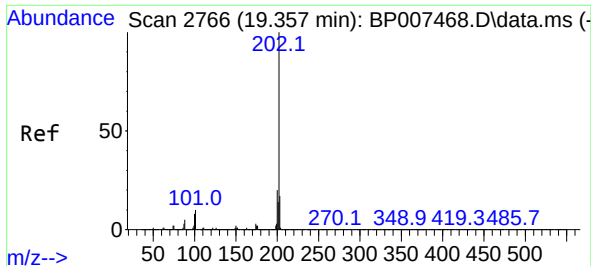


#72
Phenanthrene
Concen: 1.36 ng/ul
RT: 17.387 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20



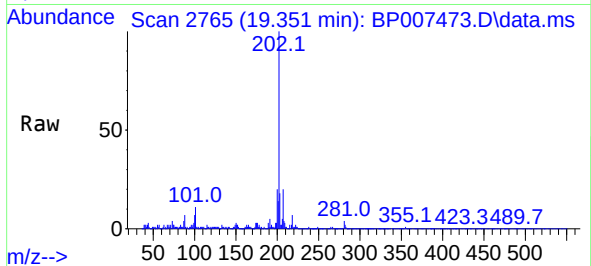
Tgt Ion:178 Resp: 62015
Ion Ratio Lower Upper
178 100
179 16.0 12.1 18.1
176 17.6 15.2 22.8





#80
Fluoranthene
Concen: 1.18 ng/ul
RT: 19.351 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20

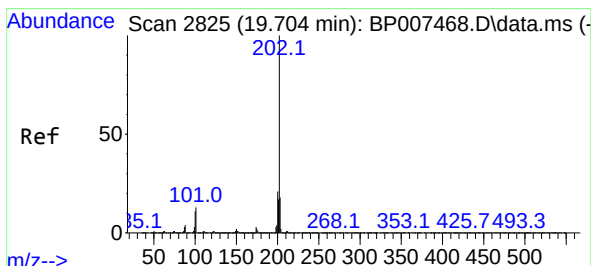
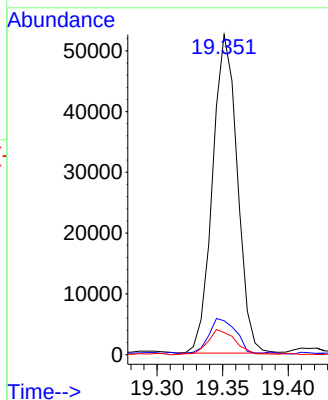
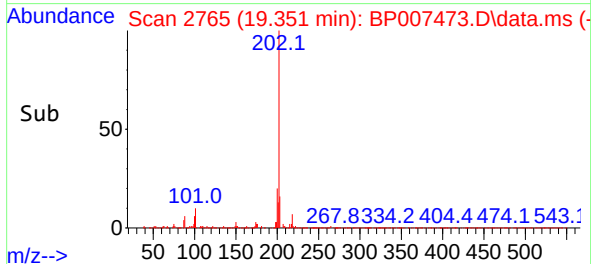
Instrument :
BNA_P
ClientSampled :
C0B29



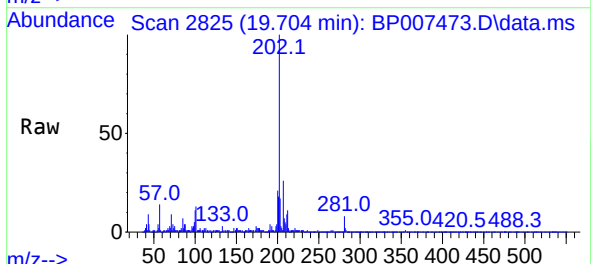
Tgt Ion:202 Resp: 68917
Ion Ratio Lower Upper
202 100
101 10.6 8.4 12.6
100 6.9 6.3 9.5

Manual Integrations
APPROVED

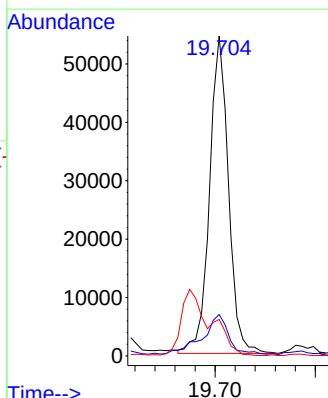
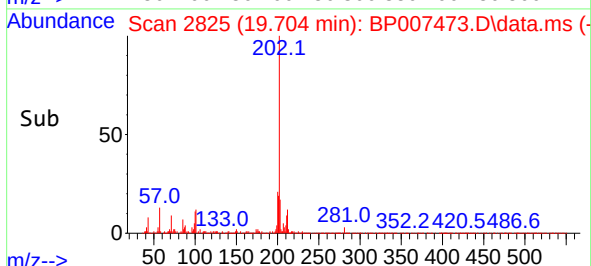
mohammad
10/19/2021 12:36:51 PM

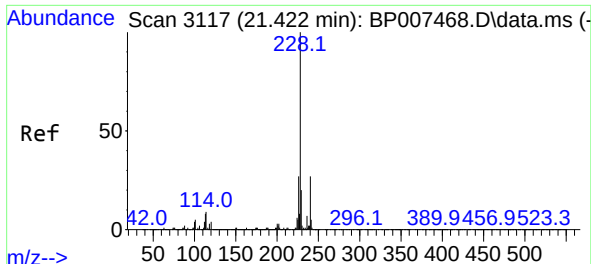


#82
Pyrene
Concen: 1.21 ng/ul
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20



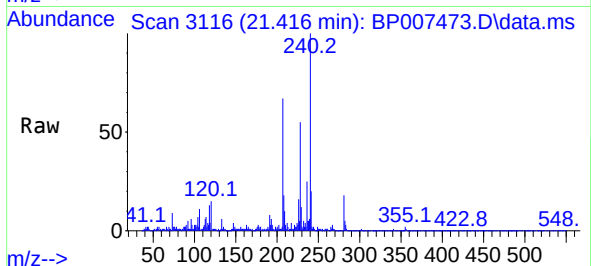
Tgt Ion:202 Resp: 71413
Ion Ratio Lower Upper
202 100
101 13.0 9.9 14.9
100 11.4 7.9 11.9





#85
Benzo(a)anthracene
Concen: 1.24 ng/ul
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20

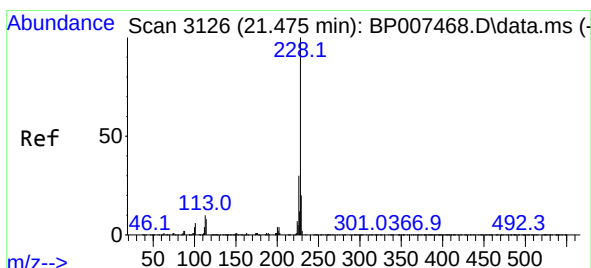
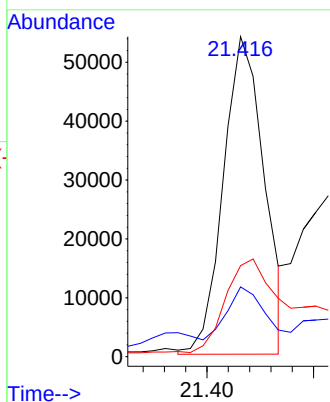
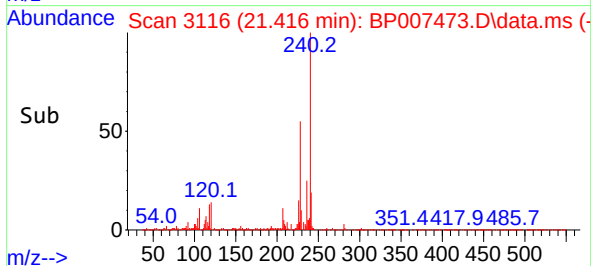
Instrument :
BNA_P
ClientSampleId :
C0B29



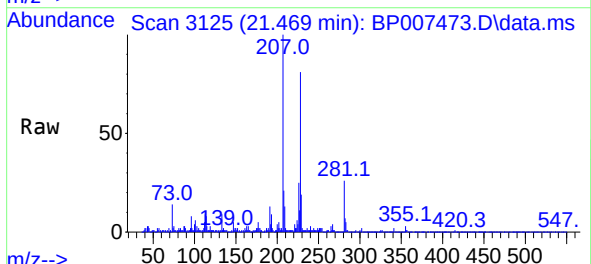
Tgt Ion:228 Resp: 71914
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 28.4 21.4 32.0

Manual Integrations
APPROVED

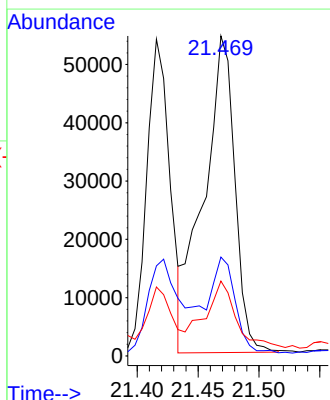
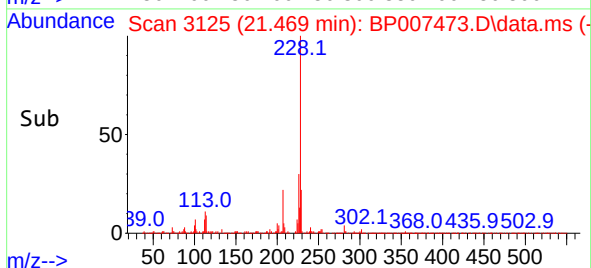
mohammad
10/19/2021 12:36:51 PM

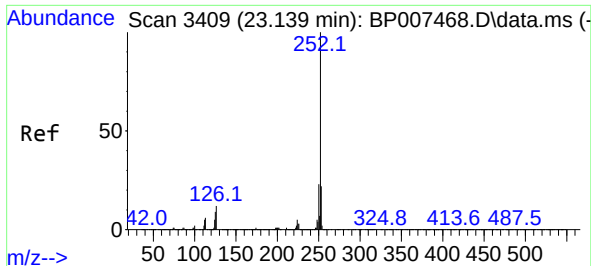


#87
Chrysene
Concen: 1.73 ng/ul
RT: 21.469 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20



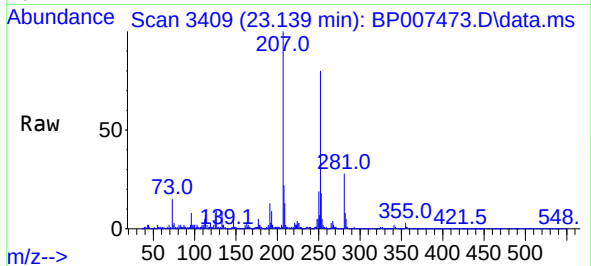
Tgt Ion:228 Resp: 97353
Ion Ratio Lower Upper
228 100
226 30.9 23.7 35.5
229 23.4 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 3.12 ng/ul
RT: 23.139 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP007473.D
Acq: 18 Oct 2021 20:20

Instrument :
BNA_P
ClientSampleId :
C0B29



Tgt Ion:252 Resp: 184849
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.5 7.8 11.6

Manual Integrations
APPROVED

mohammad
10/19/2021 12:36:51 PM

