Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006039.D
Acq On : 23 Jun 2021 17:35
Operator : CG/JU
Sample : M2778-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CF

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

Quant Time: Jun 24 01:17:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	69088	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	271209	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	169492	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	351984	20.000	ng		0.00
76) Chrysene-d12	21.368	240	388212	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	449349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	451610	104.890	ng		0.00
7) Phenol-d6	7.098	99	598733	107.288	ng		0.00
23) Nitrobenzene-d5	9.087	82	360474	65.164	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	388370	133.524	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1015515	78.677	ng		0.00
79) Terphenyl-d14	19.845	244	1885306	90.935	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	10.087	122	1777m	6.824	ng		
71) Phenanthrene	17.333	178	96792	4.579	ng		98
74) Di-n-butylphthalate	18.245	149	113795	4.917	ng		99
75) Fluoranthene	19.298	202	136721	5.326	ng		96
78) Pyrene	19.651	202	127510	4.705	ng		98
80) Butylbenzylphthalate	20.515	149	86350	7.744	ng		97
81) Benzo(a)anthracene	21.351	228	58363	2.083	ng	#	90
83) Chrysene	21.404	228	62418	2.300	ng	#	93
84) Bis(2-ethylhexyl)phtha...	21.268	149	127774	7.814	ng		97
88) Benzo(b)fluoranthene	23.039	252	76050	2.471	ng	#	60

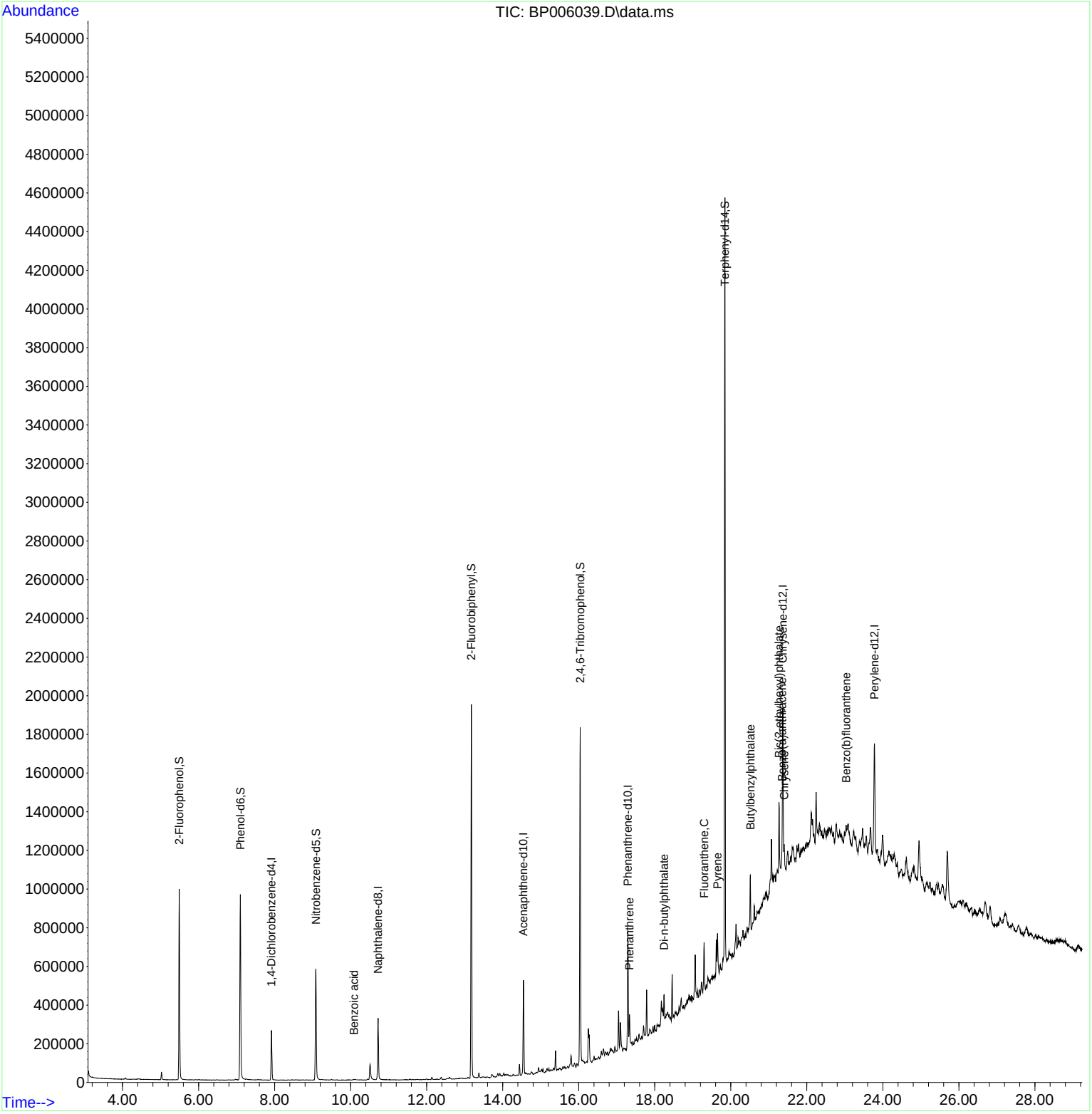
(#) = qualifier out of range (m) = manual integration (+) = signals summed

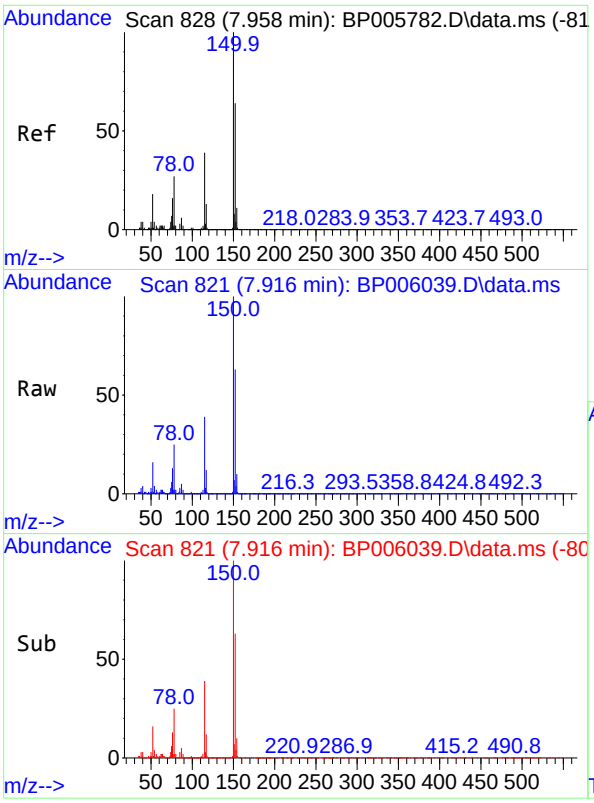
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006039.D
Acq On : 23 Jun 2021 17:35
Operator : CG/JU
Sample : M2778-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 01:17:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 17:52:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
CF

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

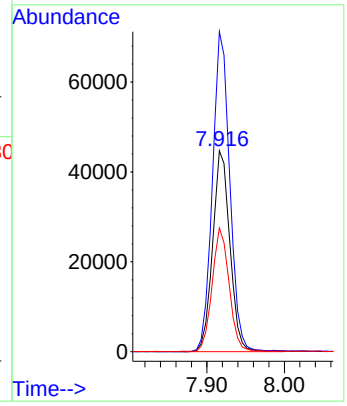


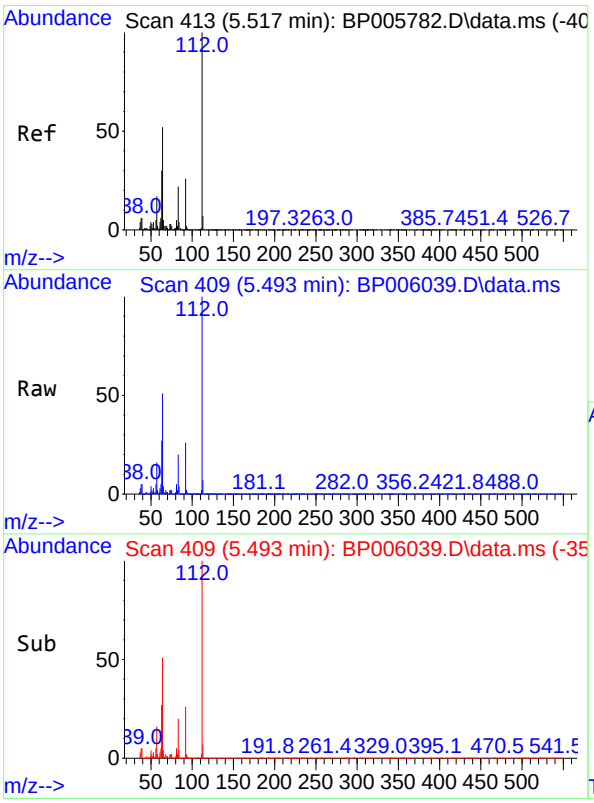


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:152 Resp: 69088

Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.6	188.4
115	61.6	48.5	72.7

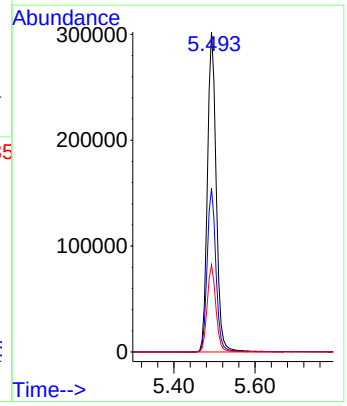




#5
2-Fluorophenol
Concen: 104.890 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.005 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

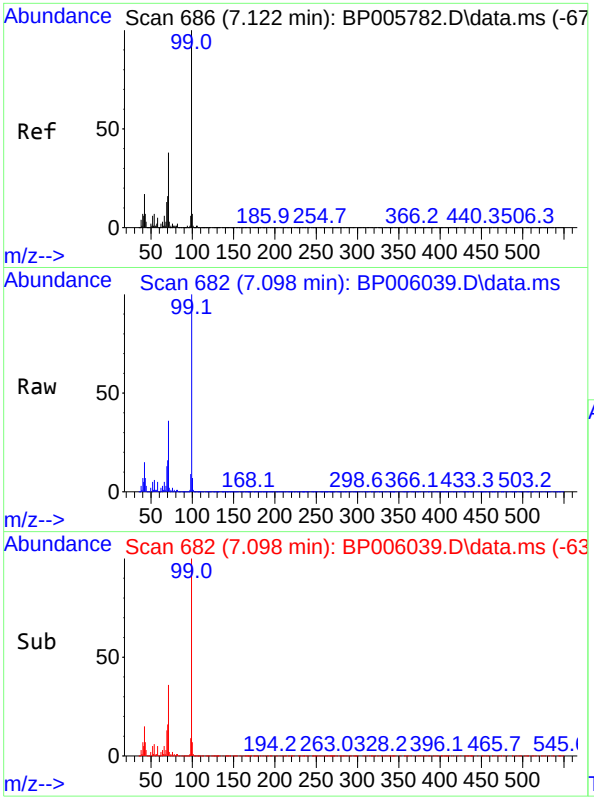
Tgt Ion:112 Resp: 451610

Ion	Ratio	Lower	Upper
112	100		
64	51.1	41.4	62.2
63	27.2	23.8	35.8



Instrument :
BNA_P
ClientSampleId :
CF

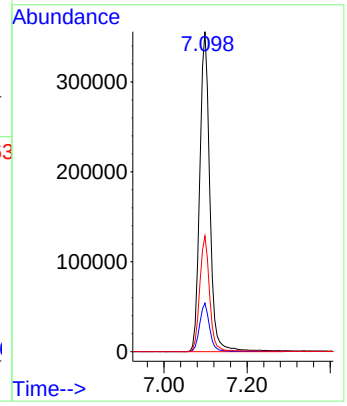
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM



#7
Phenol-d6
Concen: 107.288 ng
RT: 7.098 min Scan# 682
Delta R.T. 0.005 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

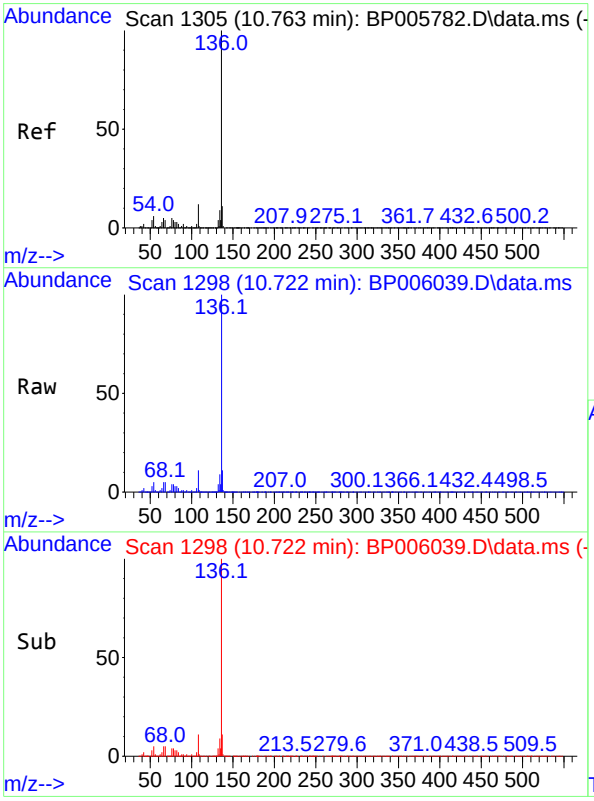
Tgt Ion: 99 Resp: 598733

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.4	20.0
71	36.1	30.6	46.0



Instrument :
BNA_P
ClientSampleId :
CF

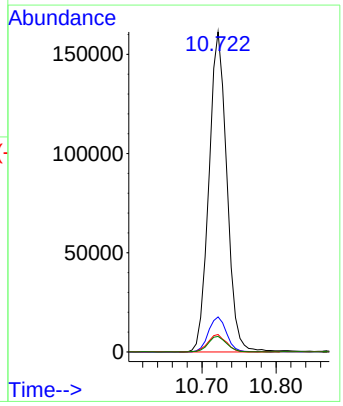
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

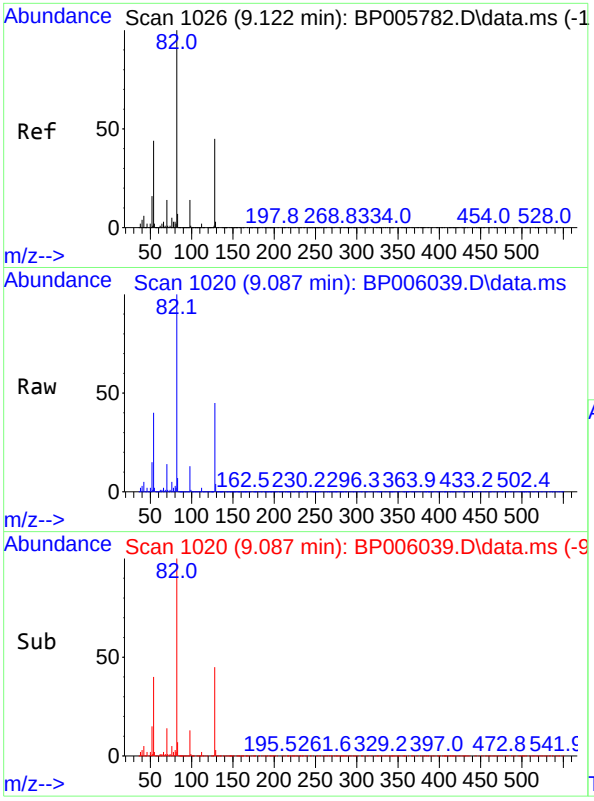


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:136 Resp: 271209

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.5	4.6	6.8
68	4.9	3.6	5.4

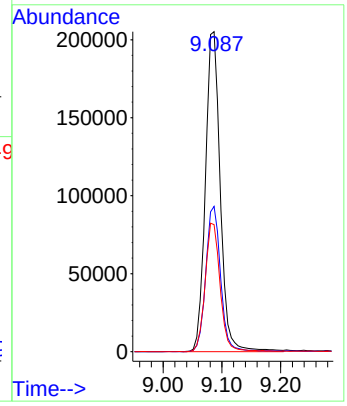




#23
Nitrobenzene-d5
Concen: 65.164 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

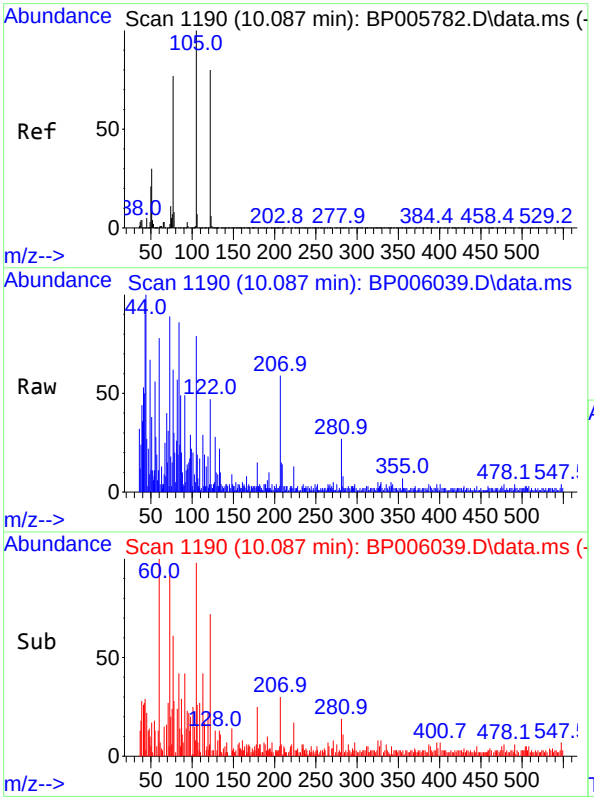
Tgt Ion: 82 Resp: 360474

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	39.7	35.0	52.4



Instrument :
BNA_P
ClientSampleId :
CF

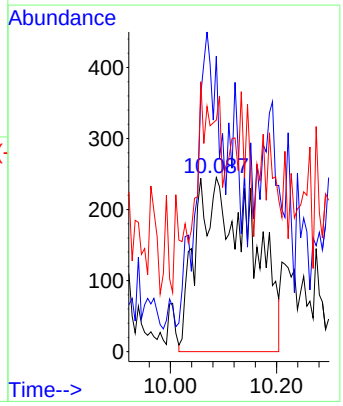
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

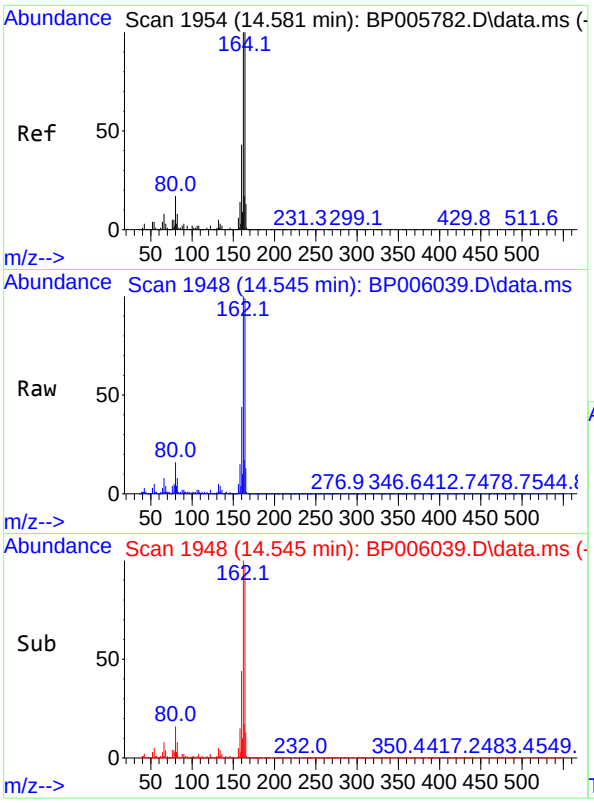


#32
Benzoic acid
Concen: 6.824 ng m
RT: 10.087 min Scan# 1190
Delta R.T. 0.011 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:122 Resp: 1777

Ion	Ratio	Lower	Upper
122	100		
105	169.8	103.2	143.2#
77	133.1	76.2	116.2#

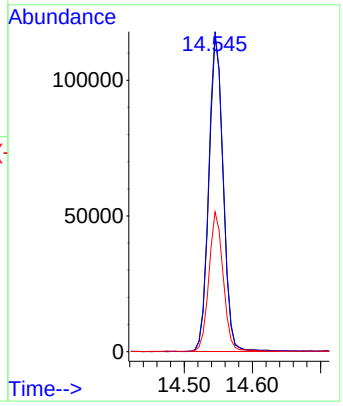




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

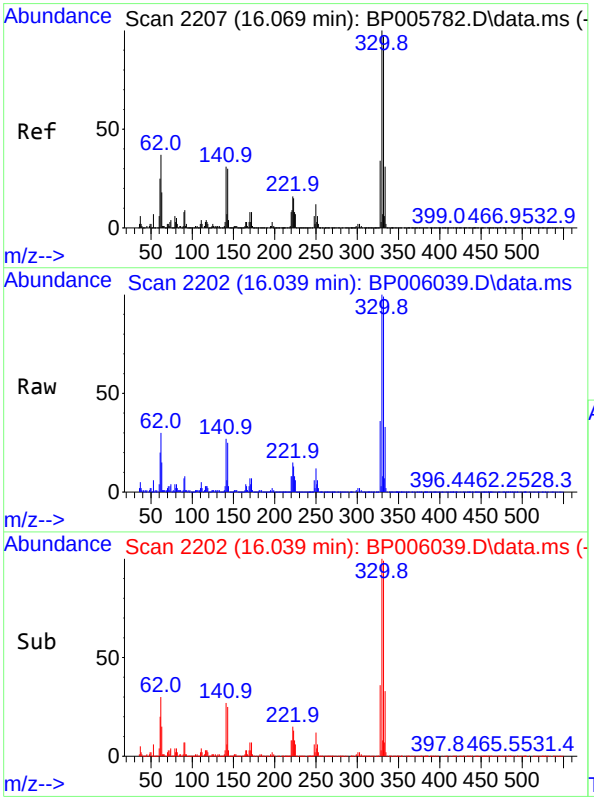
Tgt Ion:164 Resp: 169492

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	44.3	34.5	51.7



Instrument :
BNA_P
ClientSampleId :
CF

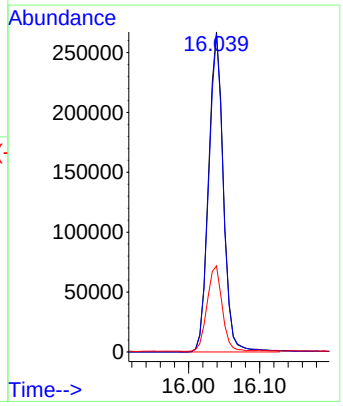
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

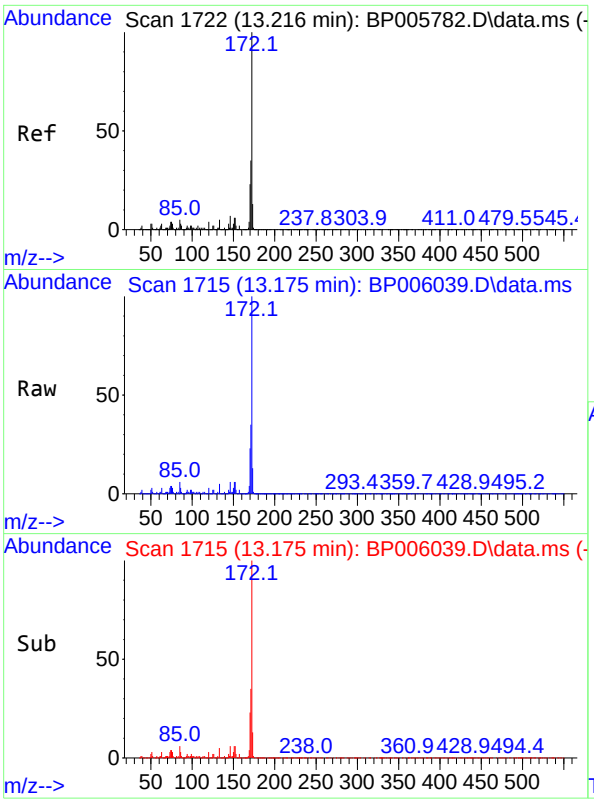


#42
2,4,6-Tribromophenol
Concen: 133.524 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:330 Resp: 388370

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.8
141	27.3	25.4	38.2

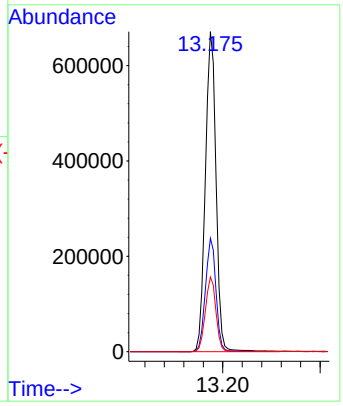




#45
2-Fluorobiphenyl
Concen: 78.677 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

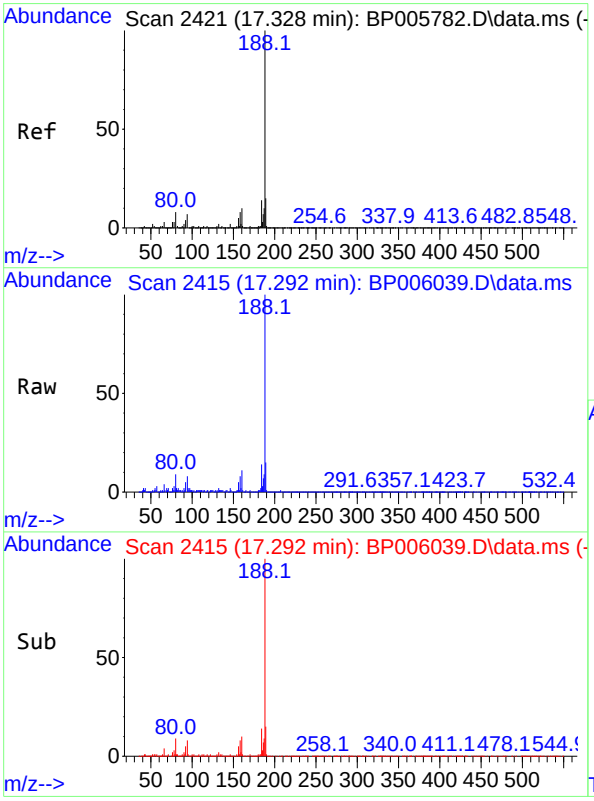
Tgt Ion:172 Resp: 1015515

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.3	18.6	27.8



Instrument :
BNA_P
ClientSampleId :
CF

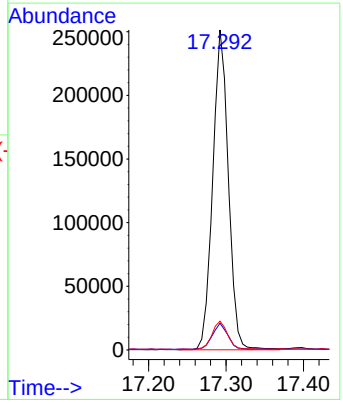
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

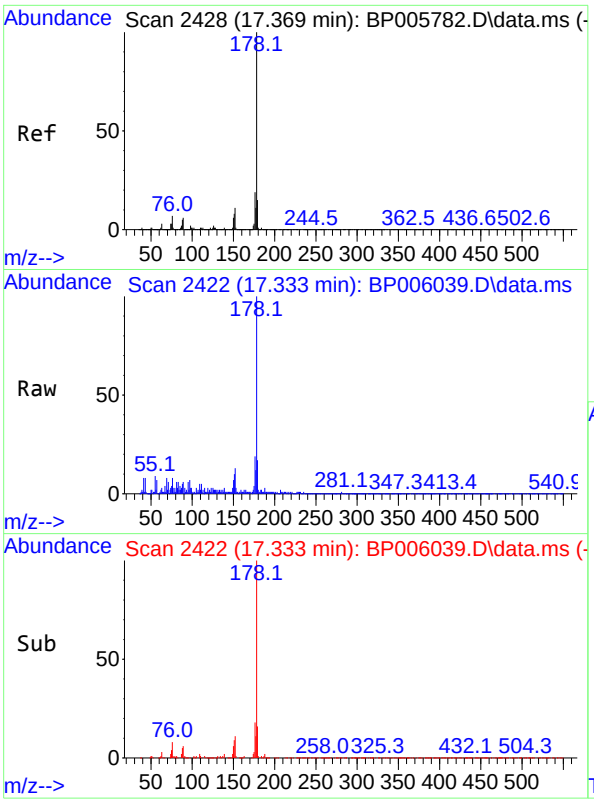


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:188 Resp: 351984

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.6	8.4
80	9.0	6.3	9.5

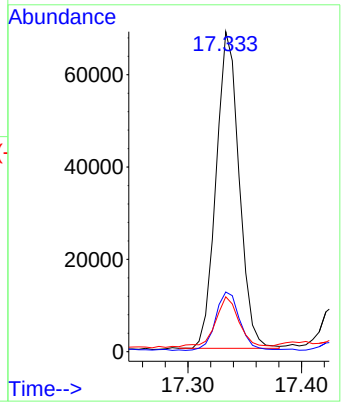




#71
Phenanthrene
Concen: 4.579 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

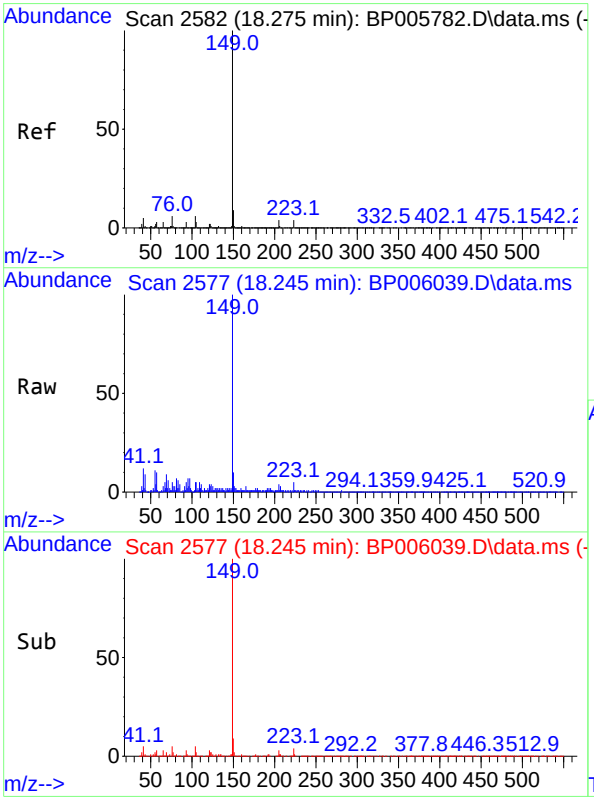
Tgt Ion:178 Resp: 96792

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	17.2	12.4	18.6



Instrument :
BNA_P
ClientSampleId :
CF

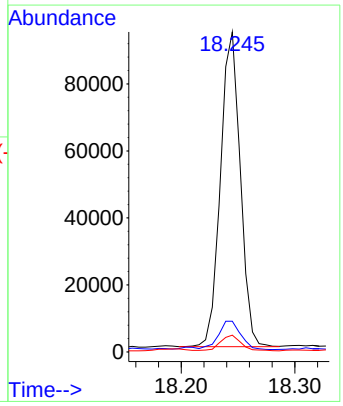
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

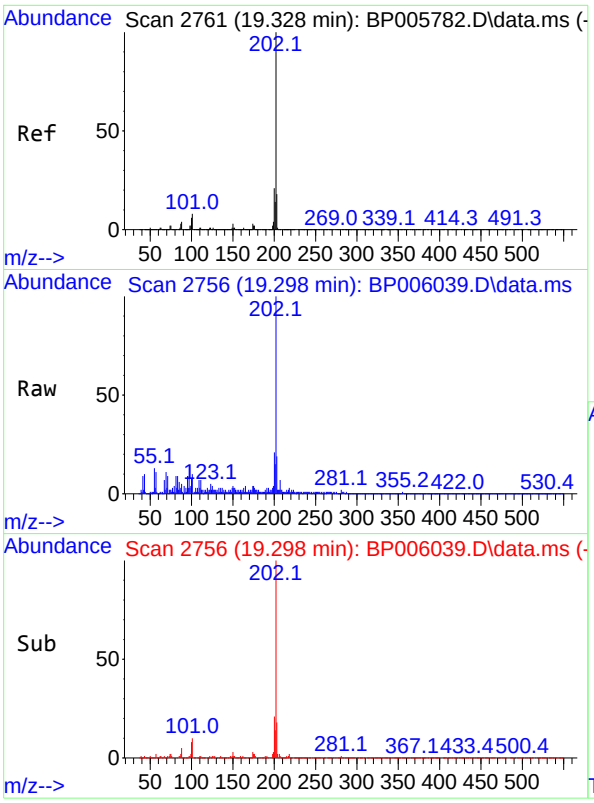


#74
Di-n-butylphthalate
Concen: 4.917 ng
RT: 18.245 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:149 Resp: 113795

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	5.2	4.5	6.7

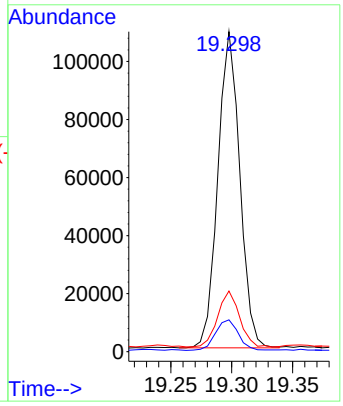


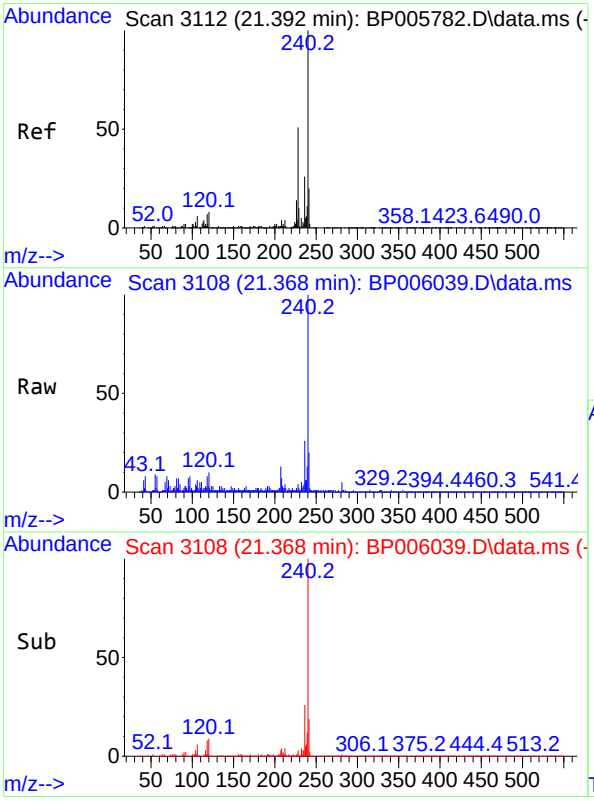


#75
Fluoranthene
Concen: 5.326 ng
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:202 Resp: 136721

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	27.6
203	18.9	0.0	37.8

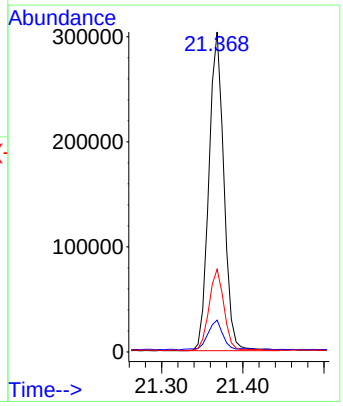




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

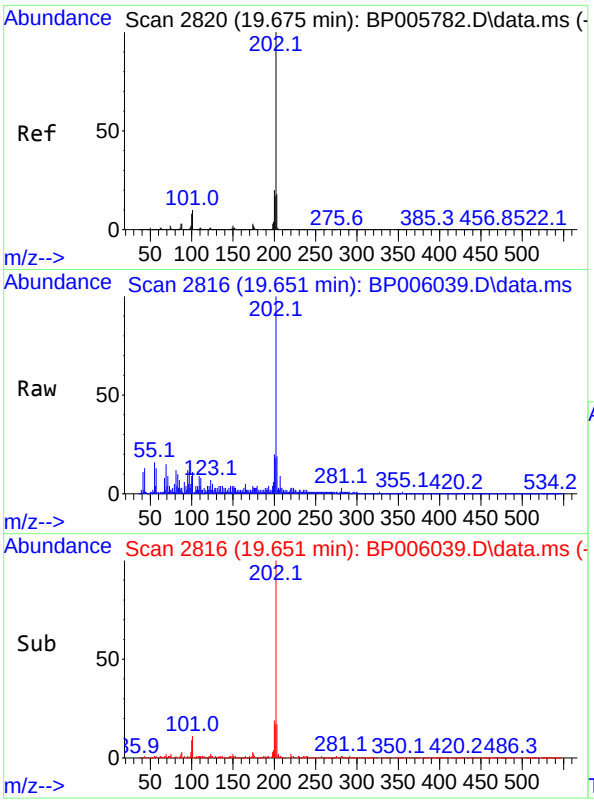
Tgt Ion:240 Resp: 388212

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.5	9.7#
236	25.8	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
CF

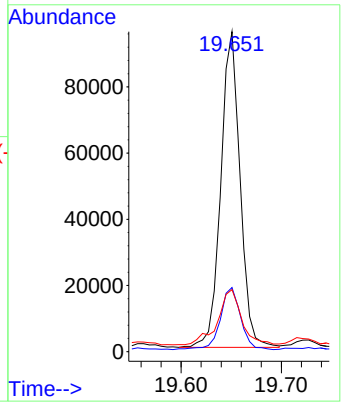
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM



#78
Pyrene
Concen: 4.705 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

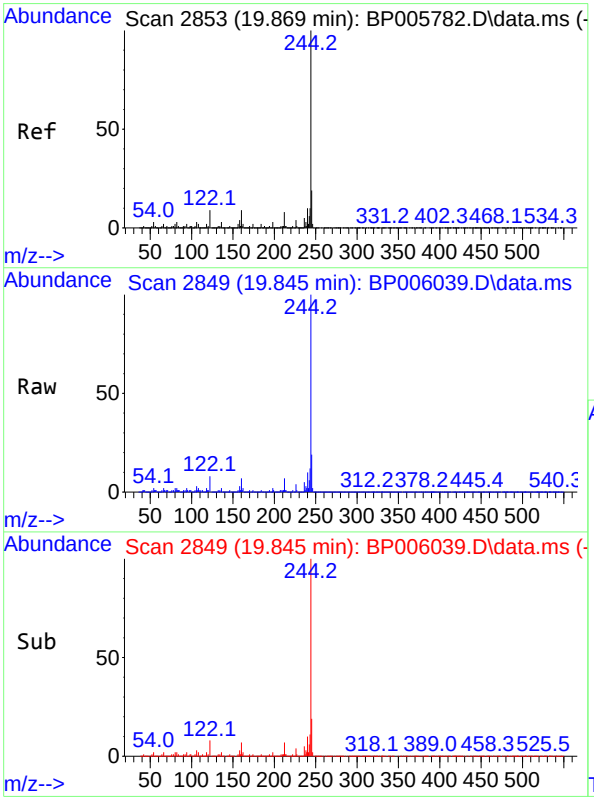
Tgt Ion:202 Resp: 127510

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	19.4	14.2	21.2



Instrument :
BNA_P
ClientSampleId :
CF

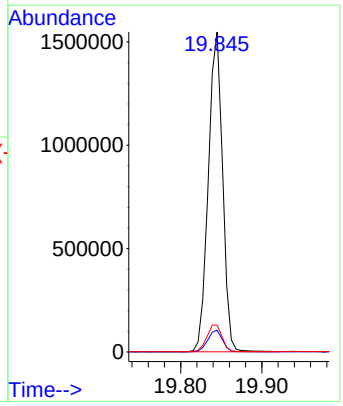
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

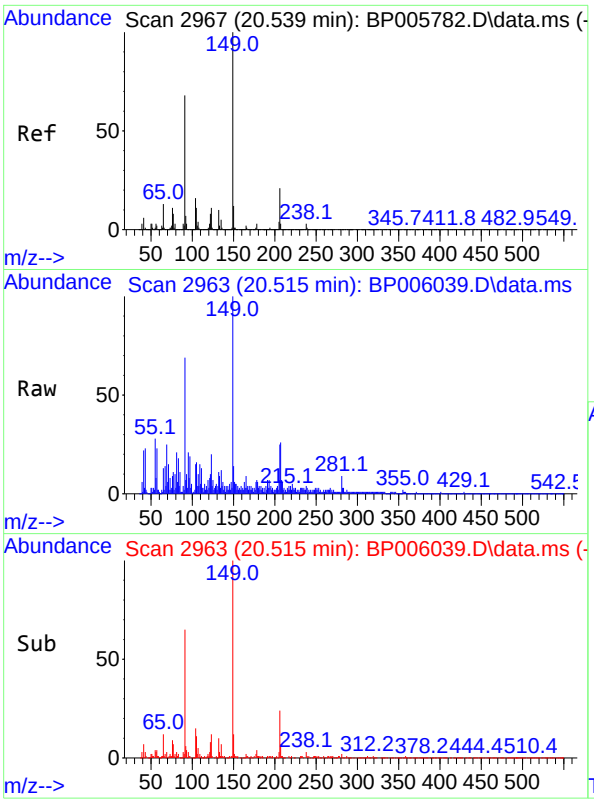


#79
Terphenyl-d14
Concen: 90.935 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:244 Resp: 1885306

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	8.4	7.1	10.7

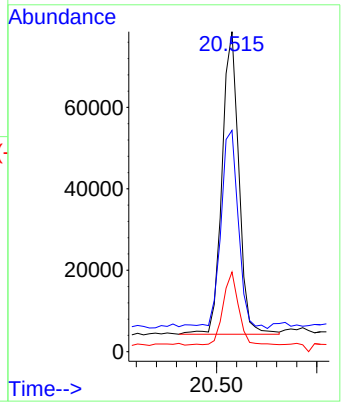


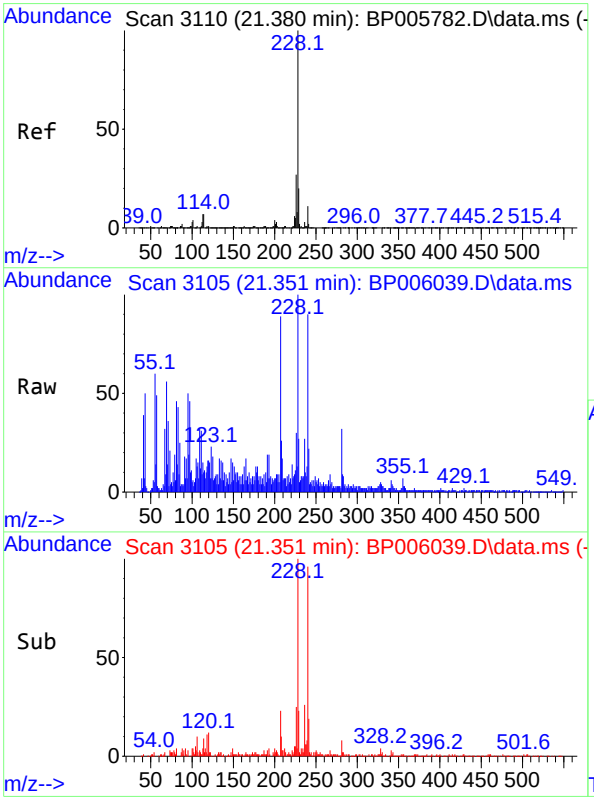


#80
Butylbenzylphthalate
Concen: 7.744 ng
RT: 20.515 min Scan# 2963
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:149 Resp: 86350

Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.6	81.8
206	24.9	16.7	25.1

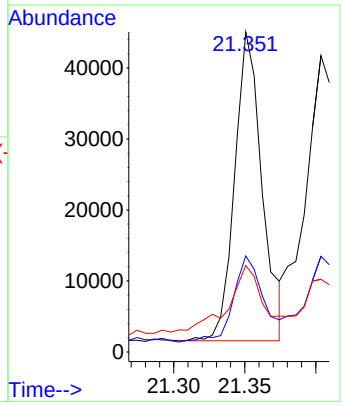




#81
Benzo(a)anthracene
Concen: 2.083 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:228 Resp: 58363

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.6	32.4
229	27.0	15.8	23.6#

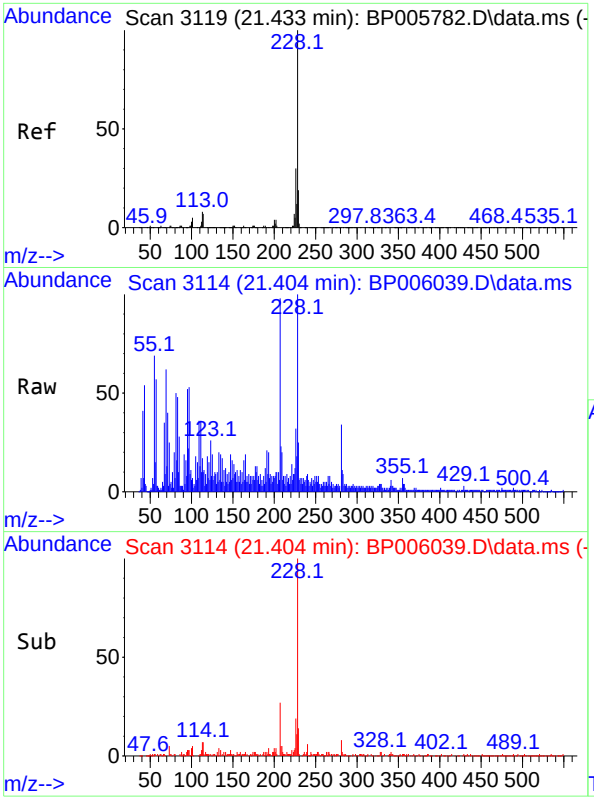


Instrument :
BNA_P
ClientSampleId :
CF

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

Instrument :
BNA_P
ClientSampleId :
CF

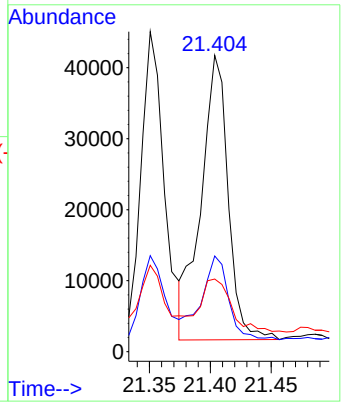
Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM

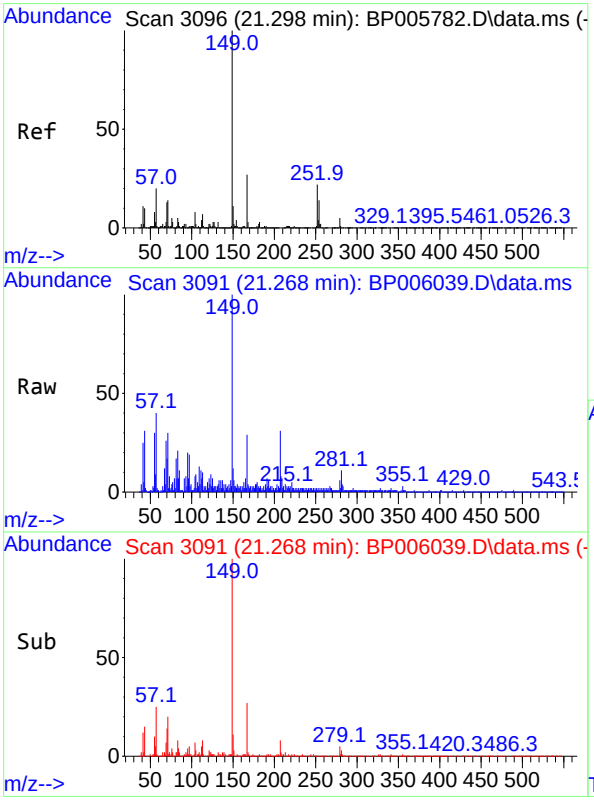


#83
Chrysene
Concen: 2.300 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:228 Resp: 62418

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.8	35.6
229	24.5	15.4	23.2#

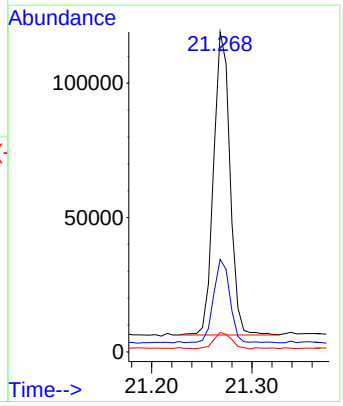


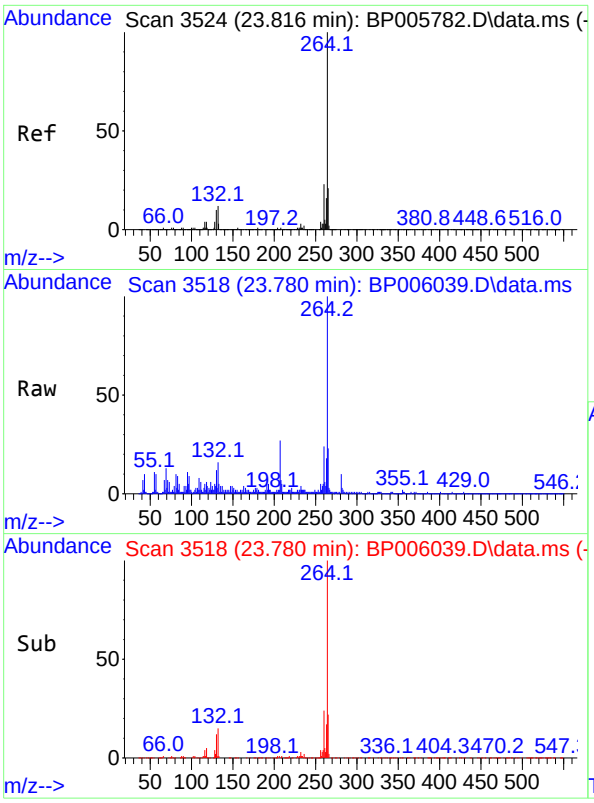


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.814 ng
RT: 21.268 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:149 Resp: 127774

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.9	32.9
279	6.1	4.3	6.5

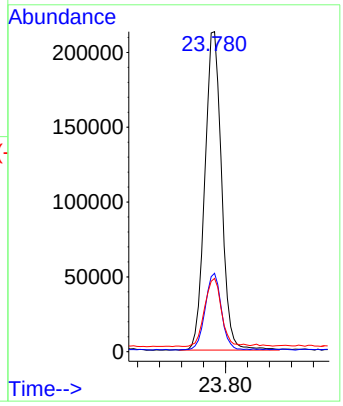




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.005 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

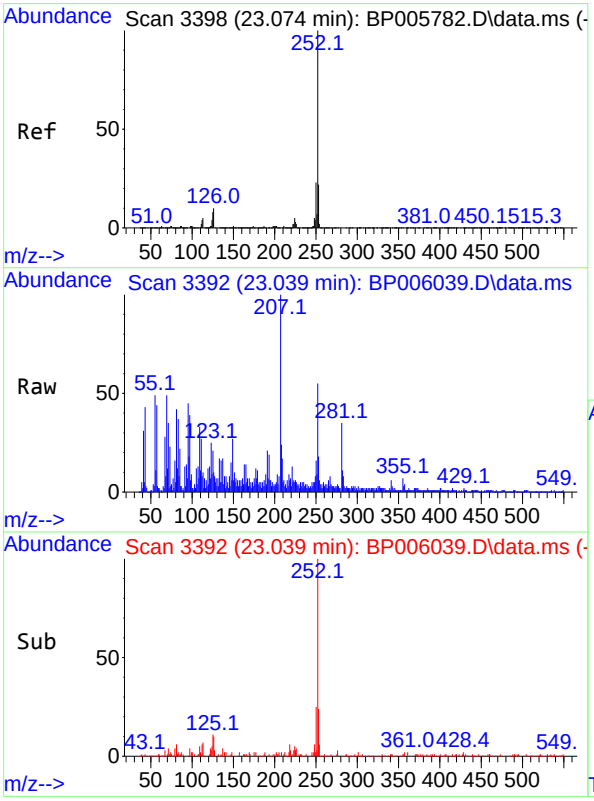
Tgt Ion:264 Resp: 449349

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.9	17.6	26.4

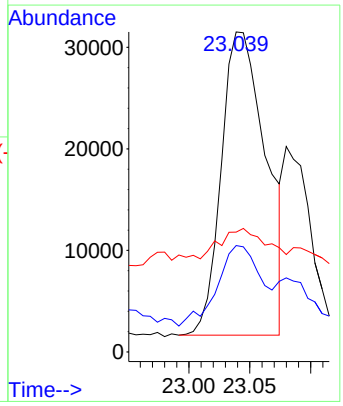


Instrument :
BNA_P
ClientSampleId :
CF

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:44 AM



#88
Benzo(b)fluoranthene
Concen: 2.471 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.000 min
Lab File: BP006039.D
Acq: 23 Jun 2021 17:35

Tgt Ion:252 Resp: 76050

Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.5	26.3#
125	37.5	6.2	9.4#