Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000297.D
Acq On : 18 Sep 2019 15:12
Operator : HP/JU
Sample : K4938-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

Quant Time: Sep 19 03:50:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	319670	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1155973	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	631170	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1149819	20.00	ng	0.00
76) Chrysene-d12	13.99	240	971717	20.00	ng	0.00
87) Perylene-d12	15.47	264	1012835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1617809	87.37	ng	0.01
7) Phenol-d6	6.43	99	2075465	91.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	1170944	65.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	691376	110.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2237063	63.79	ng	0.00
79) Terphenyl-d14	12.93	244	2596947	56.07	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.43	94	63300	2.455	ng	76
50) Dimethylphthalate	9.54	163	359729	8.365	ng	100
75) Fluoranthene	12.55	202	222014	3.588	ng	98
78) Pyrene	12.77	202	187146	2.574	ng	98

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

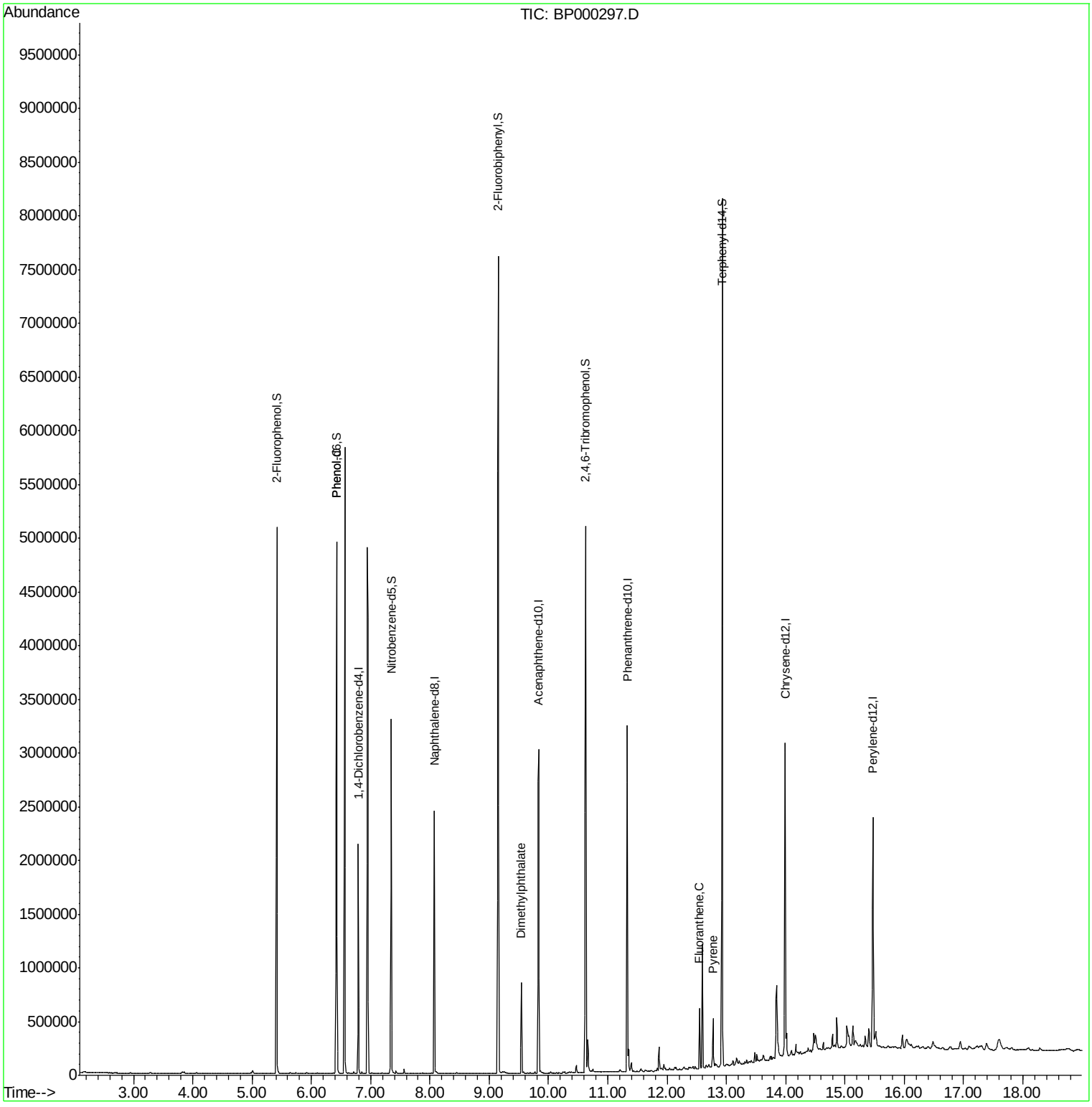
Quantitation Report (QT Reviewed)

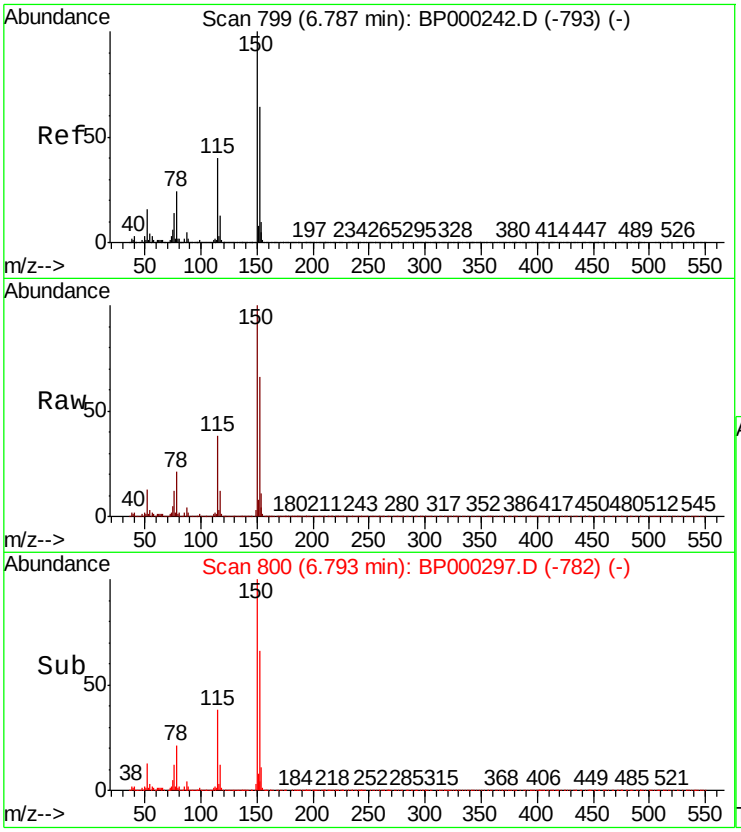
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000297.D
Acq On : 18 Sep 2019 15:12
Operator : HP/JU
Sample : K4938-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 19 03:50:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

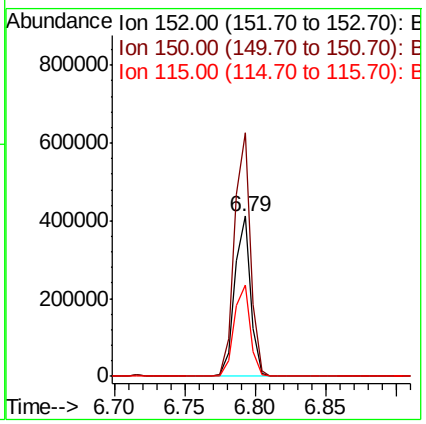




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

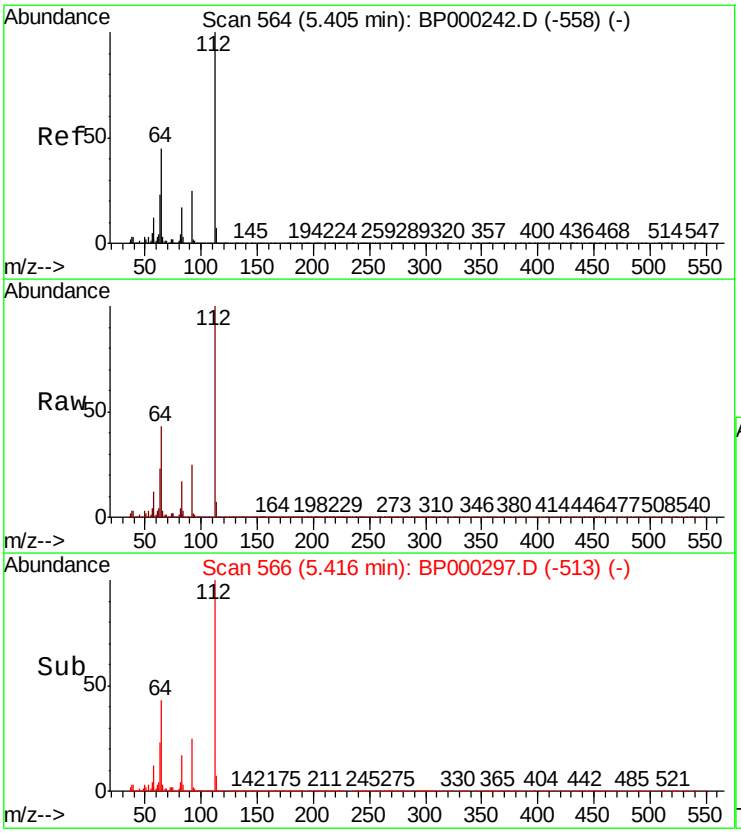
Tgt Ion:152 Resp: 319670

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.2	187.8
115	57.2	49.7	74.5



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

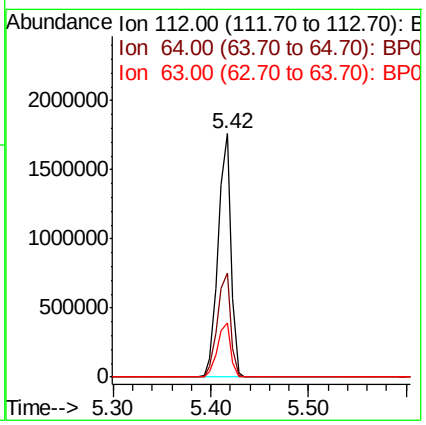
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

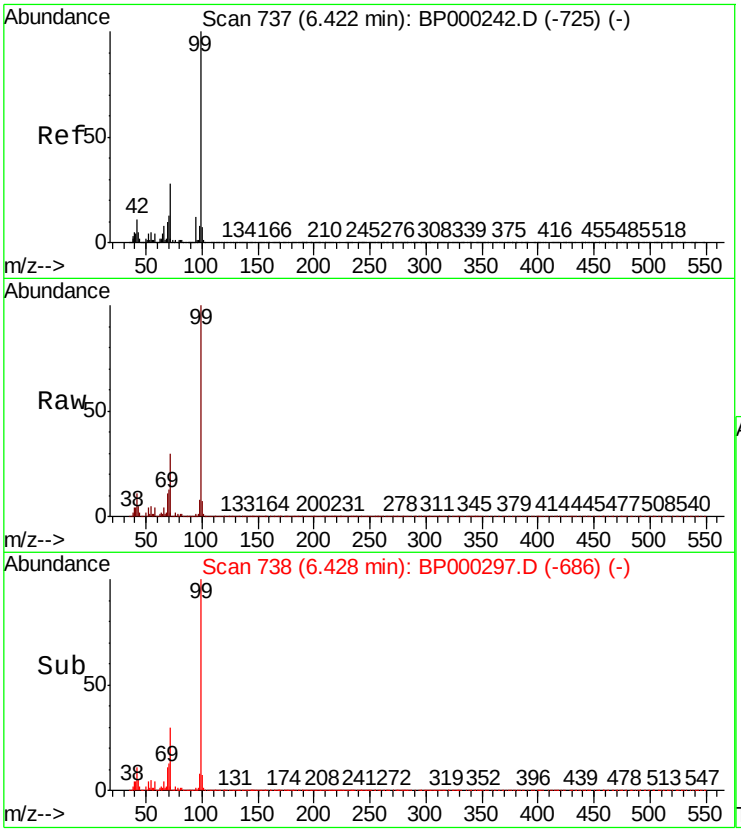


#5
2-Fluorophenol
Concen: 87.368 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:112 Resp: 1617809

Ion	Ratio	Lower	Upper
112	100		
64	43.0	36.2	54.4
63	22.5	18.3	27.5

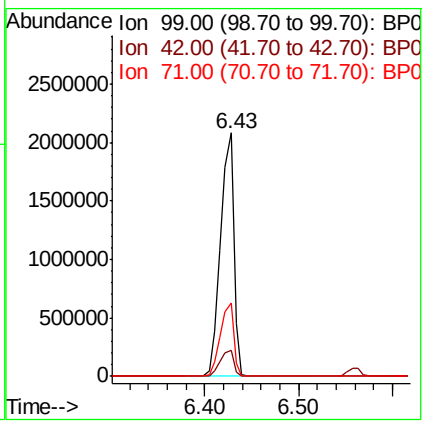




#7
Phenol-d6
Concen: 91.438 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

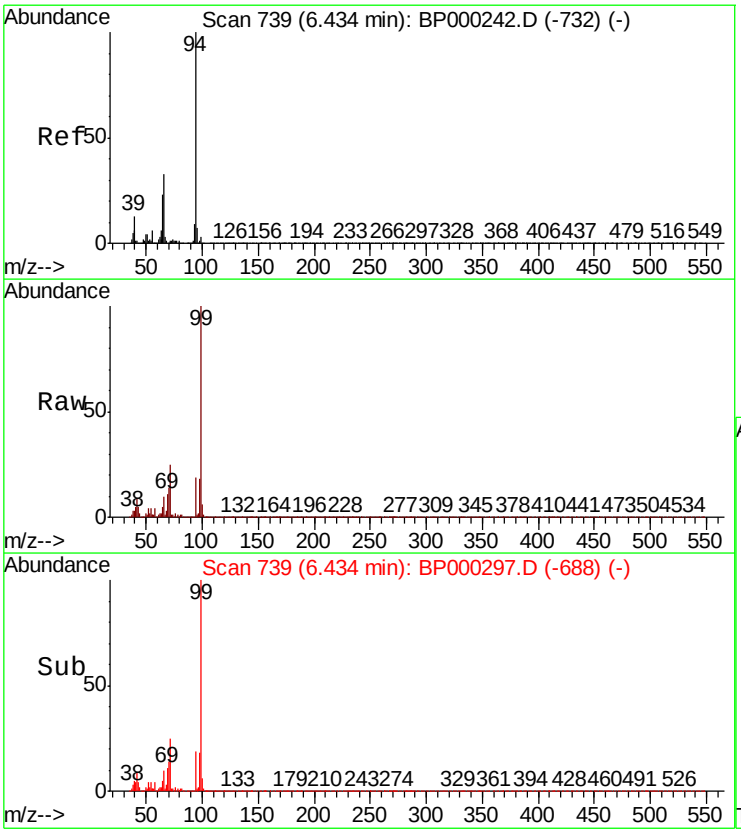
Tgt Ion: 99 Resp: 2075465

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	30.1	22.6	34.0



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

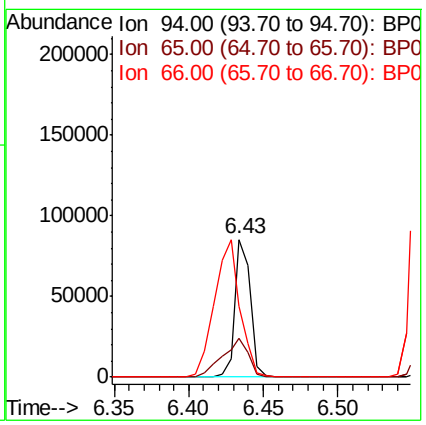
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

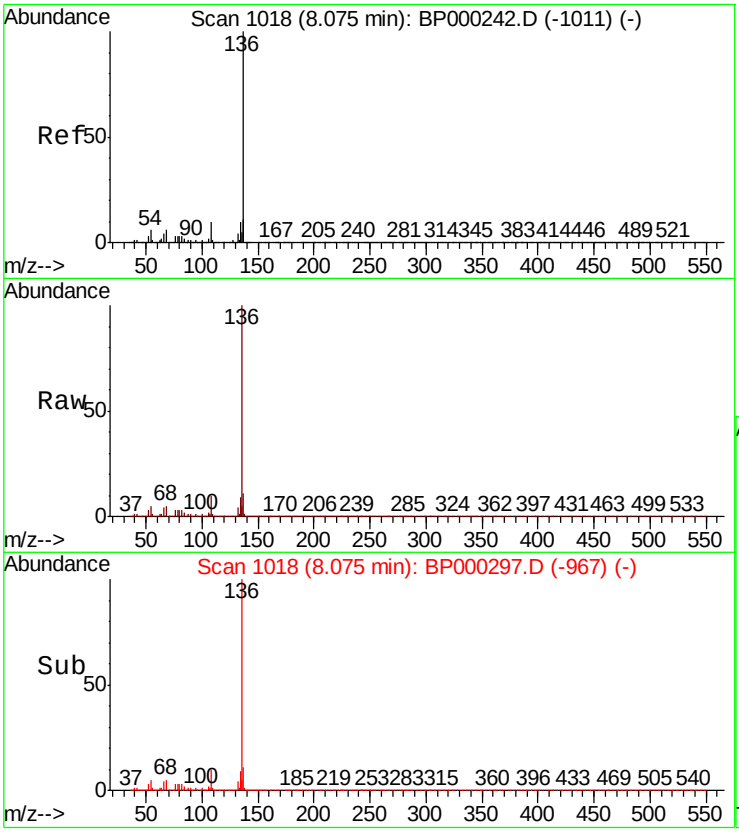


#10
Phenol
Concen: 2.455 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion: 94 Resp: 63300

Ion	Ratio	Lower	Upper
94	100		
65	28.6	3.3	43.3
66	51.9	12.7	52.7

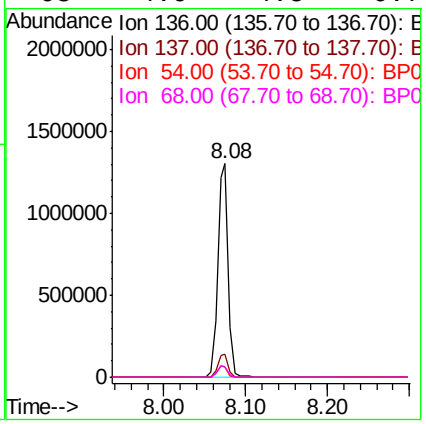




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

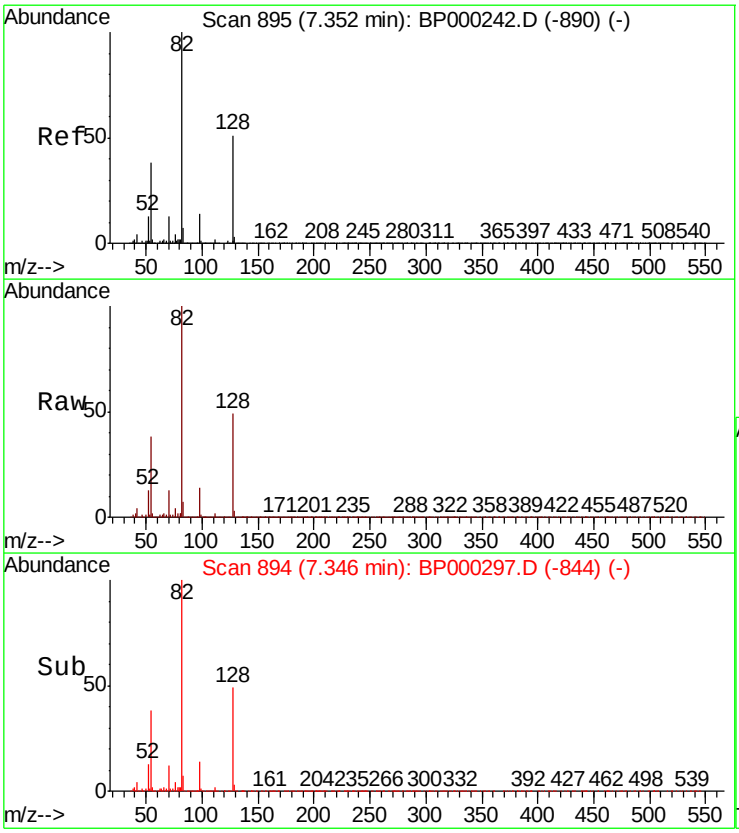
Tgt Ion:136 Resp: 1155973

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	4.5	6.7
68	4.9	4.5	6.7



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

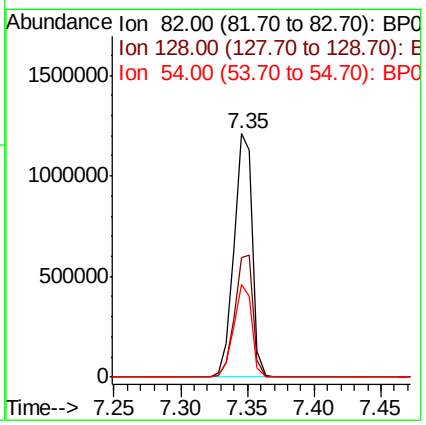
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

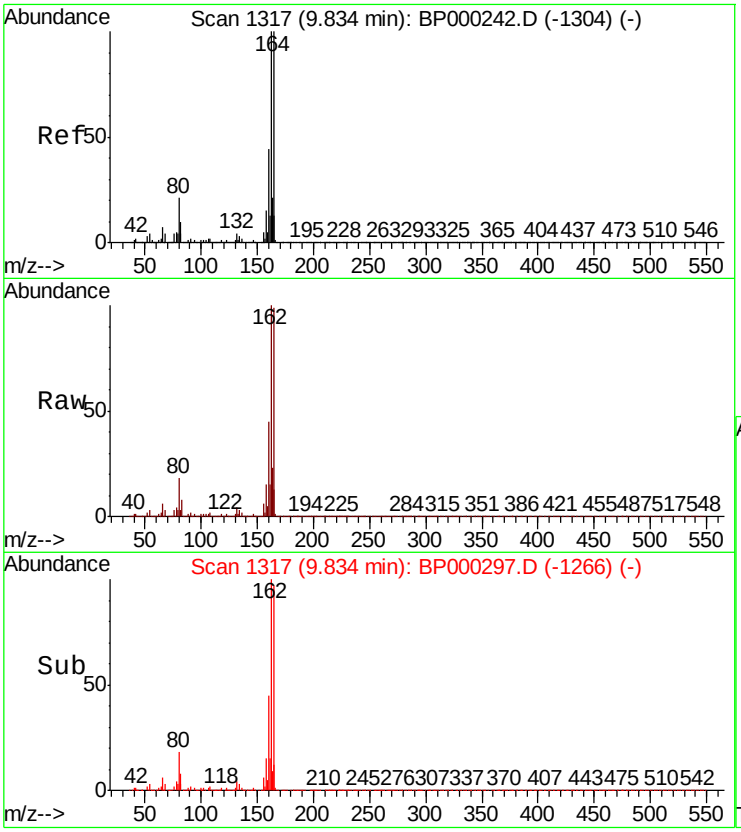


#23
Nitrobenzene-d5
Concen: 65.355 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion: 82 Resp: 1170944

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	37.9	30.1	45.1

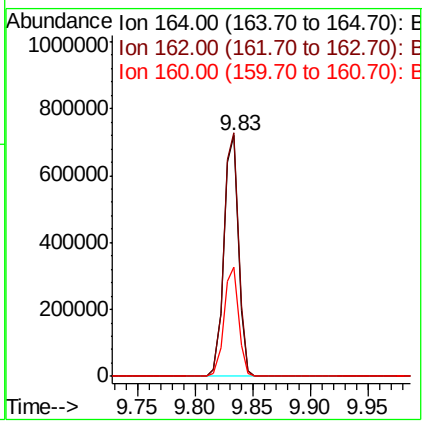




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

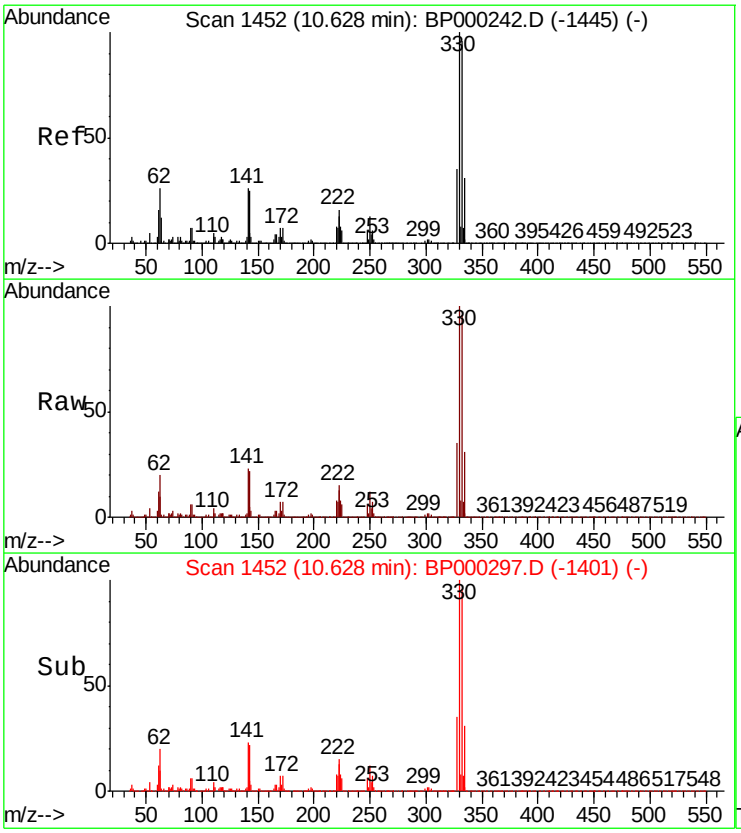
Tgt Ion:164 Resp: 631170

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.9	119.9
160	45.2	35.6	53.4



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

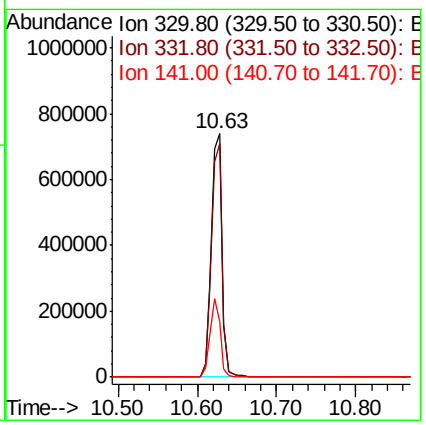
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

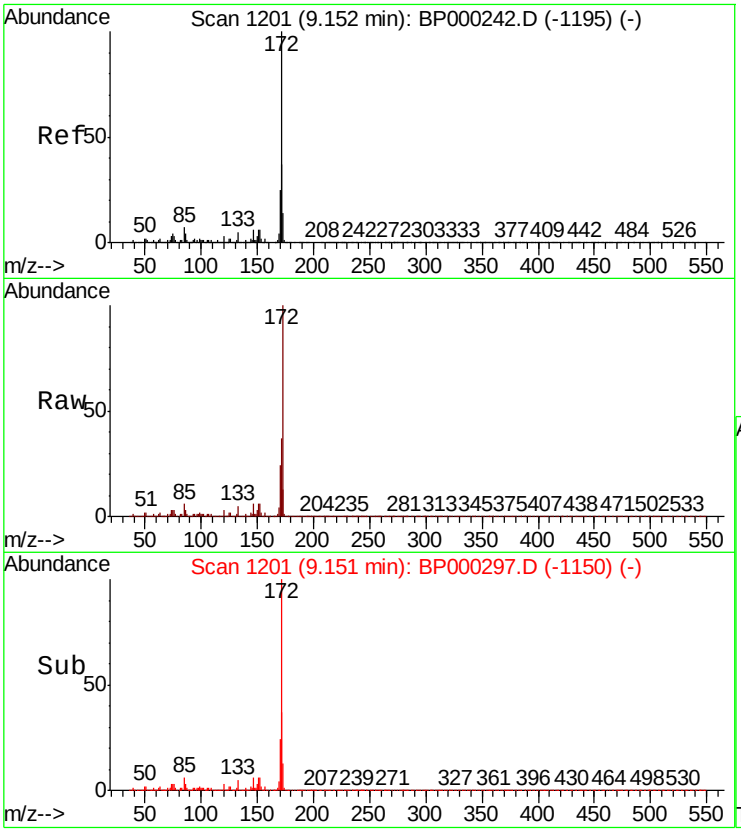


#42
2,4,6-Tribromophenol
Concen: 110.437 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:330 Resp: 691376

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	30.4	26.5	39.7

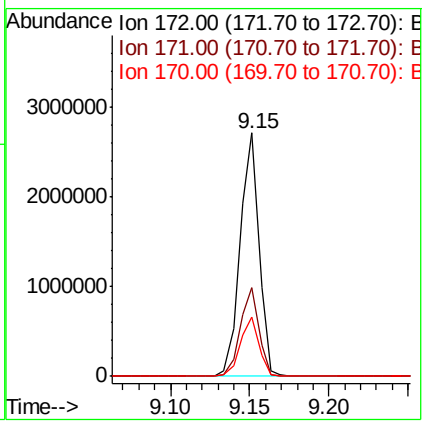




#45
2-Fluorobiphenyl
Concen: 63.791 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

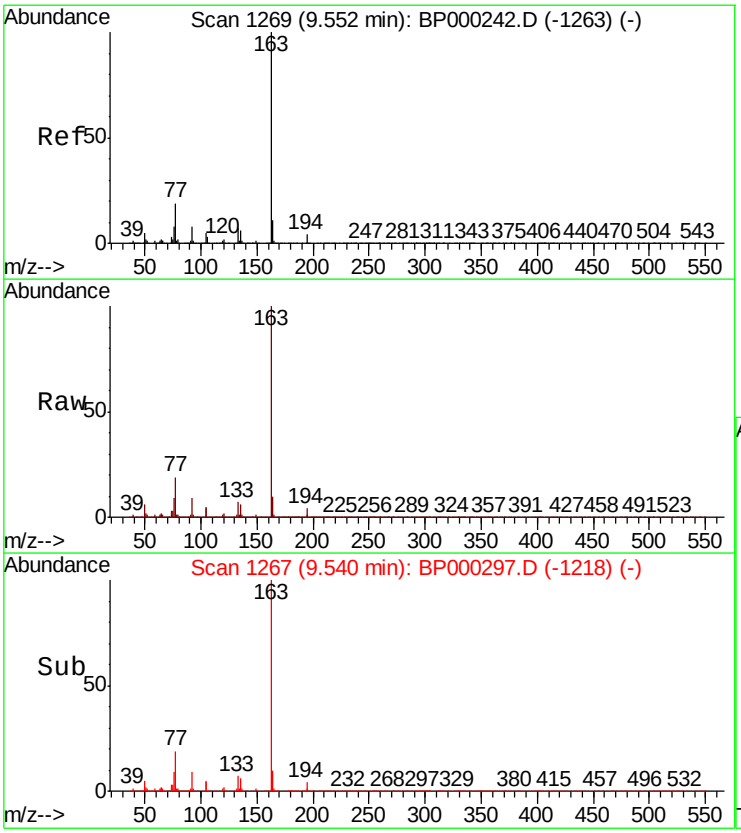
Tgt Ion:172 Resp: 2237063

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.3	19.8	29.6



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

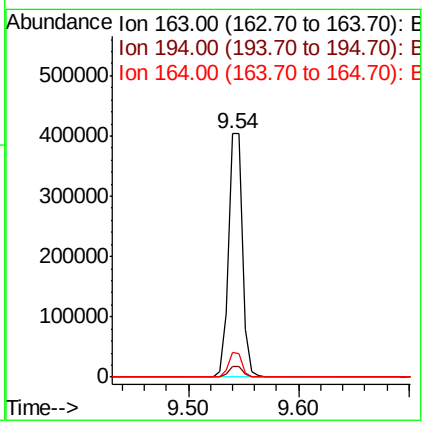
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

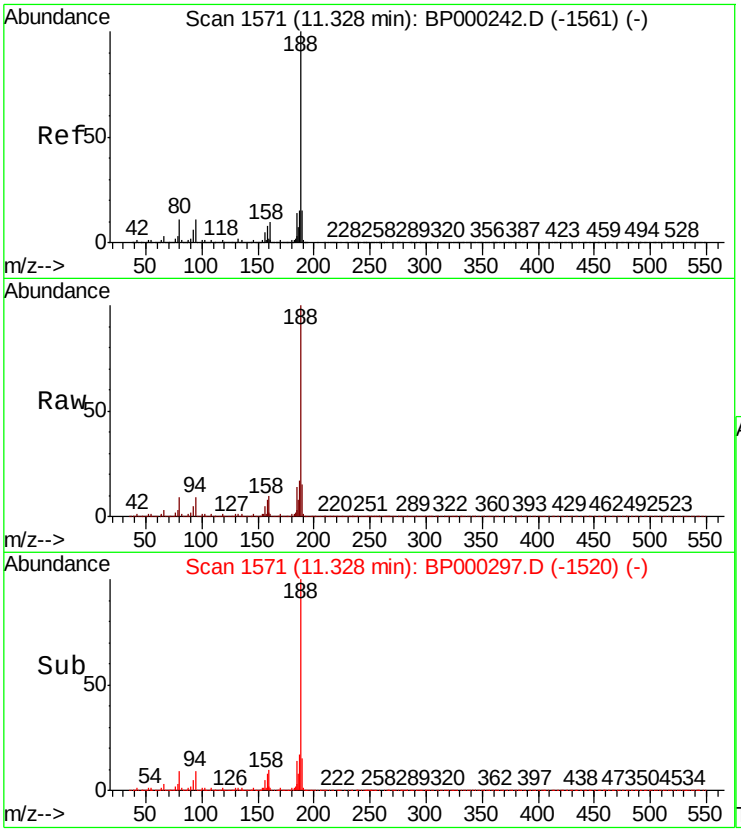


#50
Dimethylphthalate
Concen: 8.365 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:163 Resp: 359729

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.5	12.7

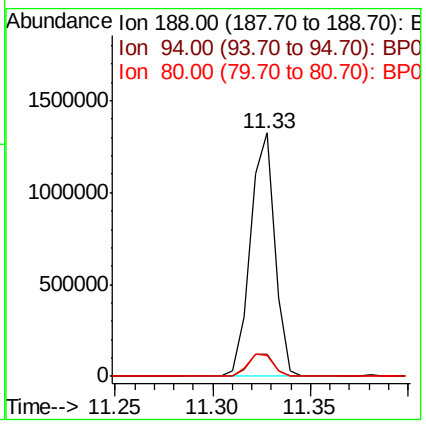




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

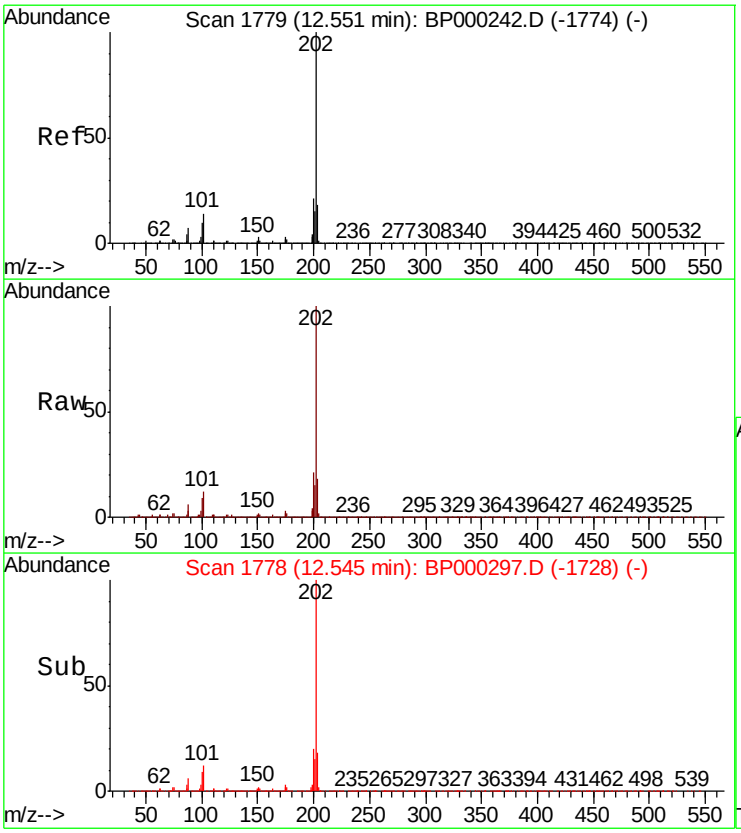
Tgt Ion:188 Resp: 1149819

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	8.8	8.6	13.0



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

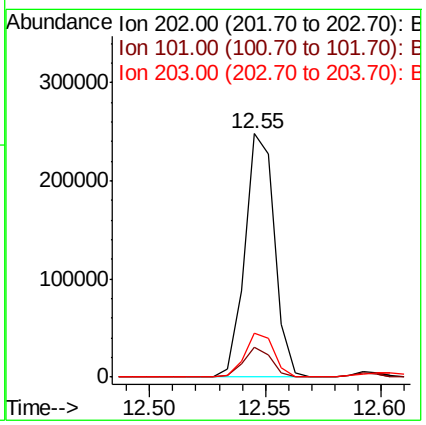
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

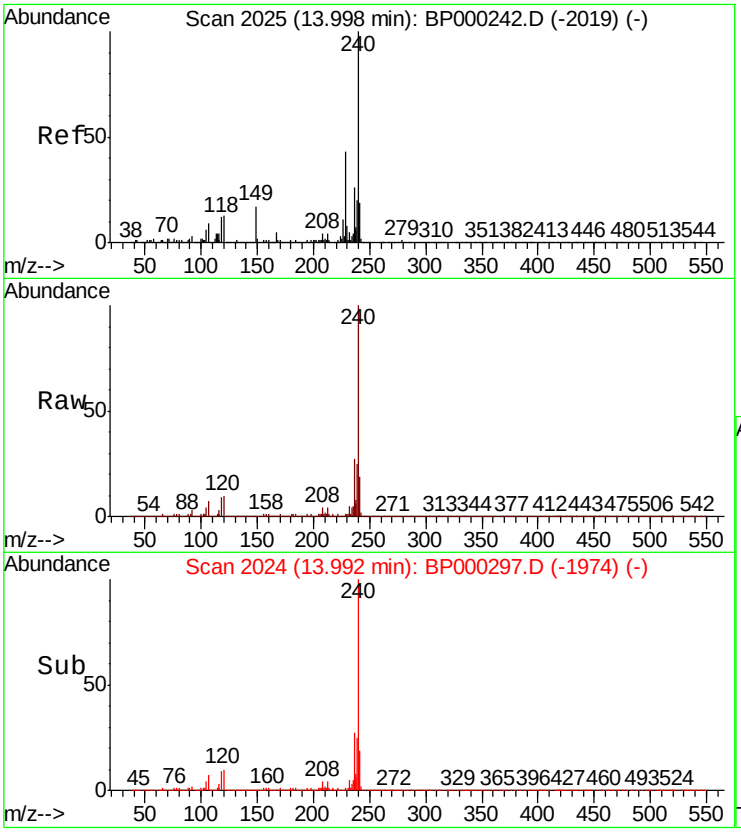


#75
Fluoranthene
Concen: 3.588 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:202 Resp: 222014

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.9
203	18.1	0.0	38.0

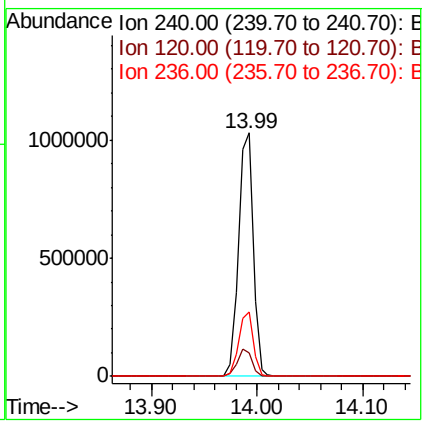




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

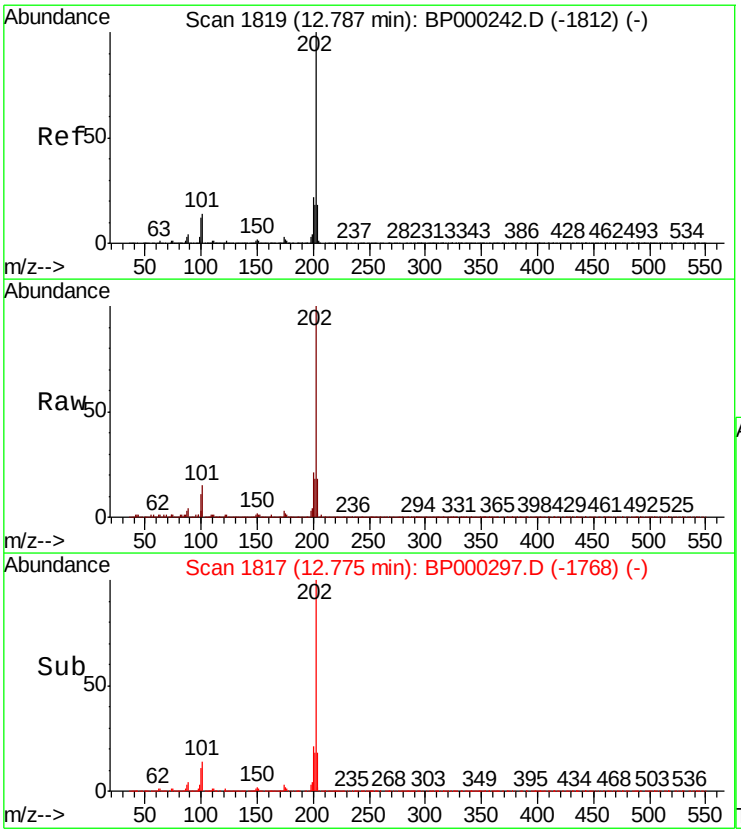
Tgt Ion:240 Resp: 971717

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.4	15.6#
236	26.6	21.0	31.6



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

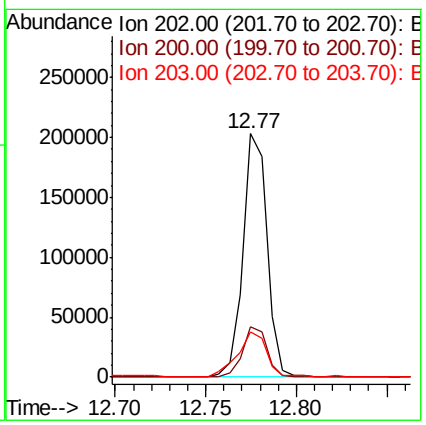
Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM

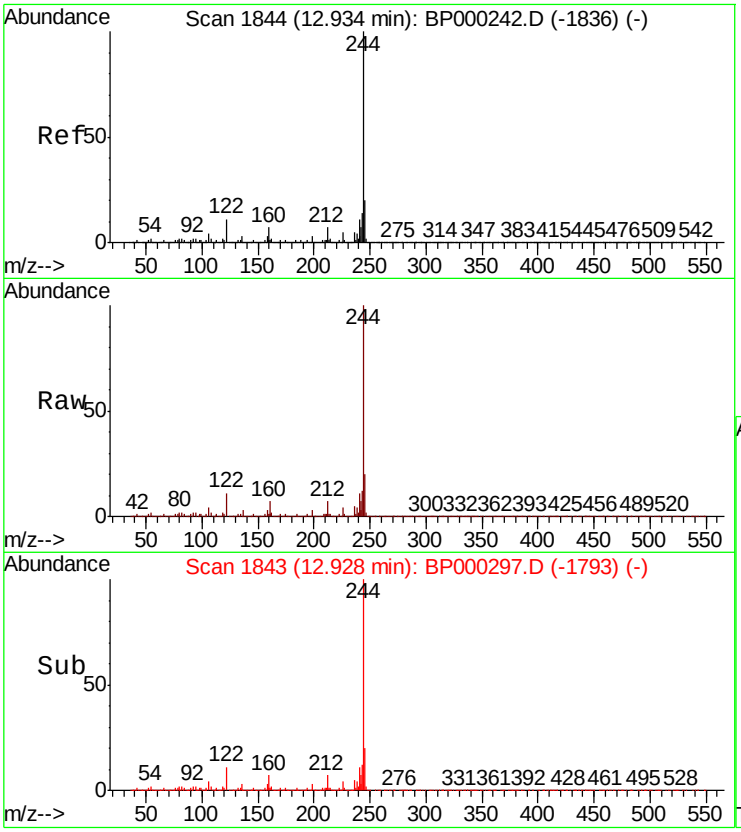


#78
Pyrene
Concen: 2.574 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:202 Resp: 187146

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	18.4	14.3	21.5

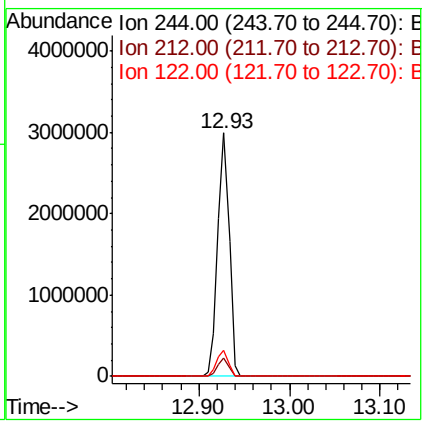




#79
Terphenyl-d14
Concen: 56.066 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

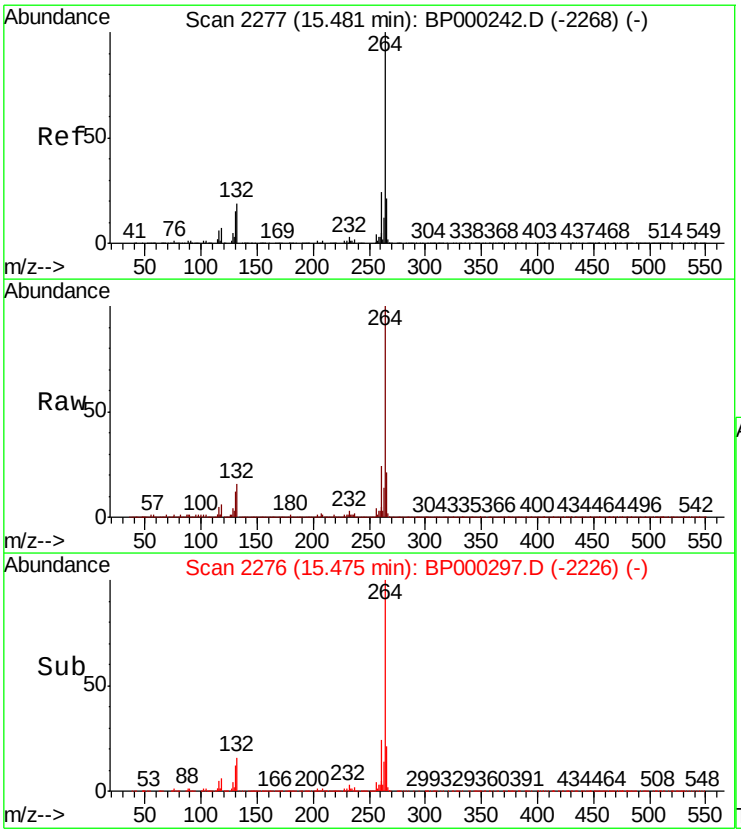
Tgt Ion:244 Resp: 2596947

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	9.0	13.4



Instrument :
BNA_P
ClientSampleId :
MG-WEST-SOIL

Manual Integrations APPROVED
Jagrut
9/19/2019 11:07:02 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000297.D
Acq: 18 Sep 2019 15:12

Tgt Ion:264 Resp: 1012835

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.1	17.2	25.8