Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022429.D
Acq On : 30 Aug 2019 04:04
Operator : HP/JU
Sample : K4596-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Manual Integrations APPROVED
Jagrut
8/30/2019 10:30:08 AM

Quant Time: Aug 30 08:58:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19848	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	70440	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	44961	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	106434	20.00	ng		0.00
76) Chrysene-d12	21.17	240	137425	20.00	ng		0.00
87) Perylene-d12	23.35	264	154480	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	111234	98.37	ng		0.00
7) Phenol-d6	6.72	99	142751	94.41	ng		0.00
23) Nitrobenzene-d5	8.69	82	102151	63.52	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	86026	93.50	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	247222	62.29	ng		0.00
79) Terphenyl-d14	19.60	244	583081	56.00	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.66	163	23505	6.011	ng		97
71) Phenanthrene	16.99	178	49178	7.927	ng		99
75) Fluoranthene	19.02	202	152970	18.515	ng		98
78) Pyrene	19.39	202	120842	12.903	ng		98
81) Benzo(a)anthracene	21.15	228	61763	6.262	ng		99
83) Chrysene	21.20	228	77120	8.214	ng		97
86) Indeno(1,2,3-cd)pyrene	25.53	276	63645	6.739	ng		97
88) Benzo(b)fluoranthene	22.70	252	129950	12.109	ng	#	98
89) Benzo(k)fluoranthene	22.74	252	35554m	3.340	ng		
90) Benzo(a)pyrene	23.26	252	71053	7.459	ng	#	97
92) Benzo(g,h,i)perylene	26.21	276	65689	7.935	ng		99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022429.D
Acq On : 30 Aug 2019 04:04
Operator : HP/JU
Sample : K4596-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 30 08:58:27 2019
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Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Manual Integrations APPROVED
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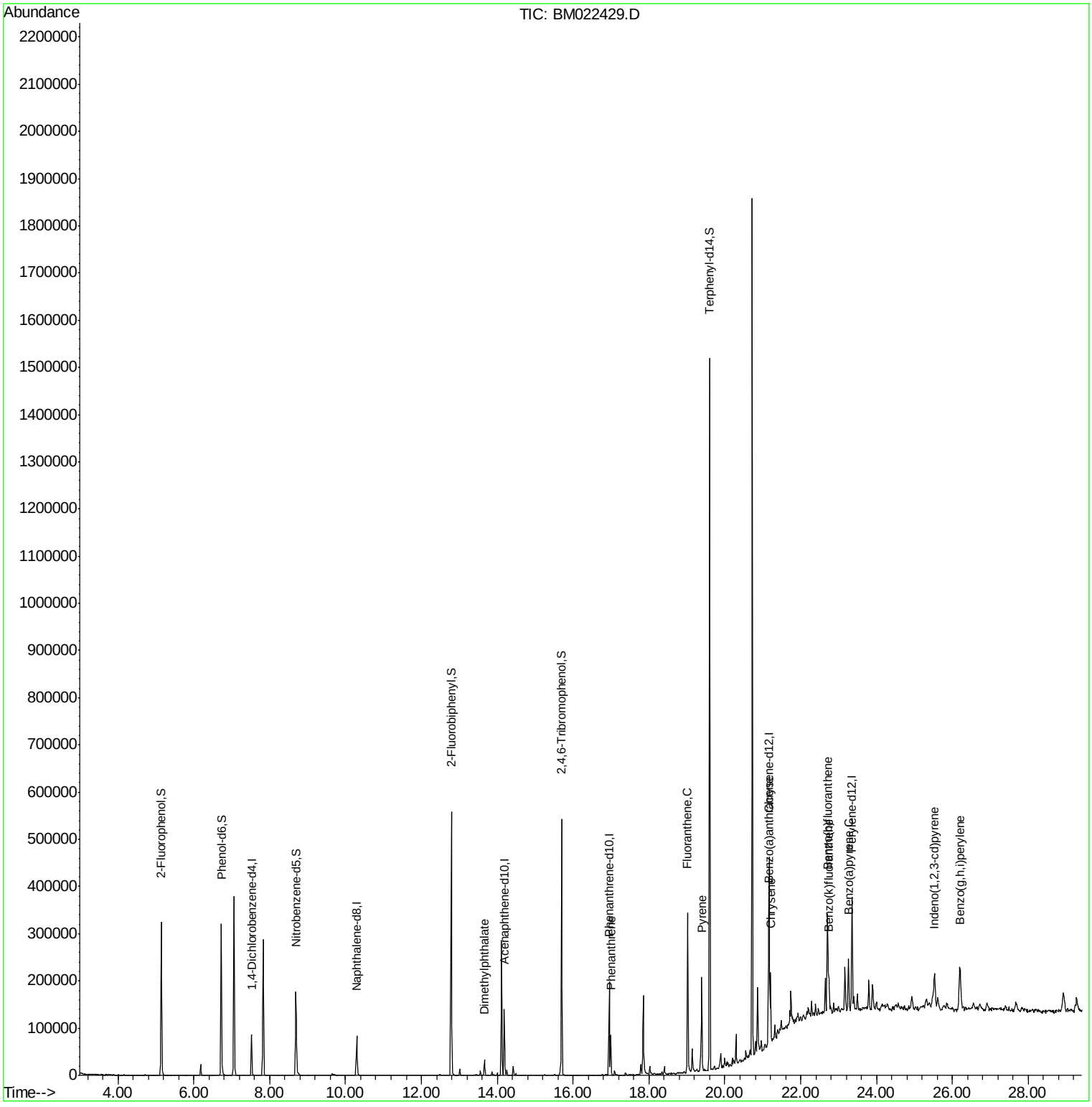
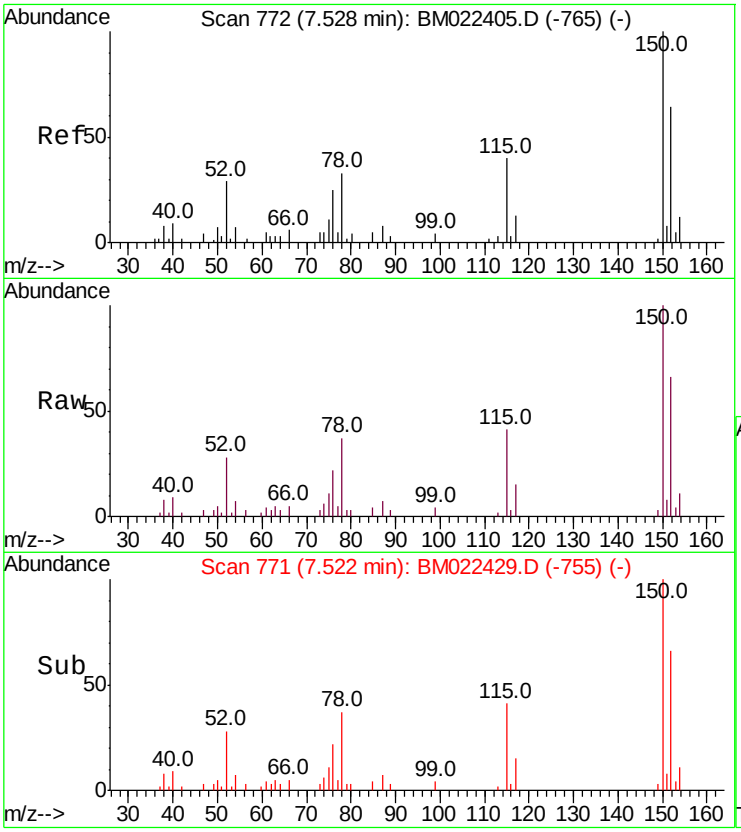
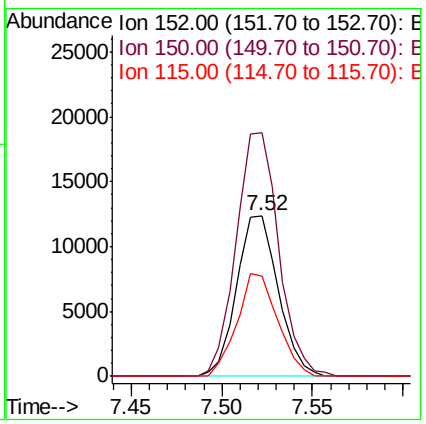




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

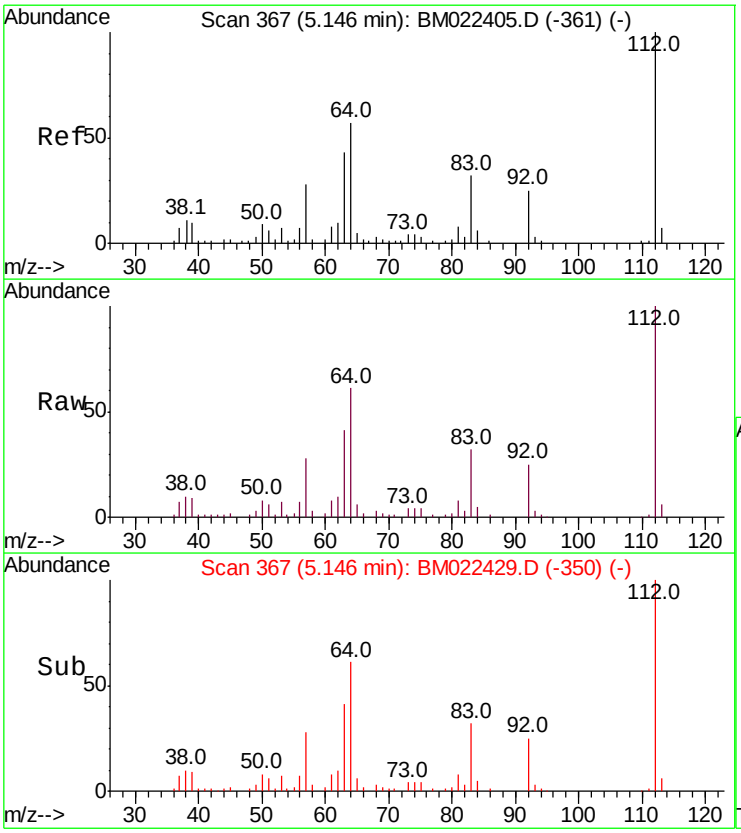
Tgt Ion:152 Resp: 19848

Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.4	188.0
115	62.7	50.3	75.5



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

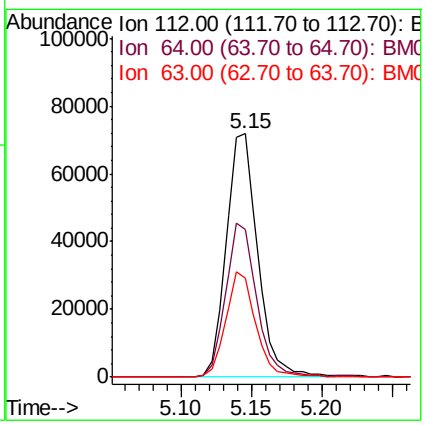
Manual Integrations APPROVED
Jagrut
8/30/2019 10:30:08 AM

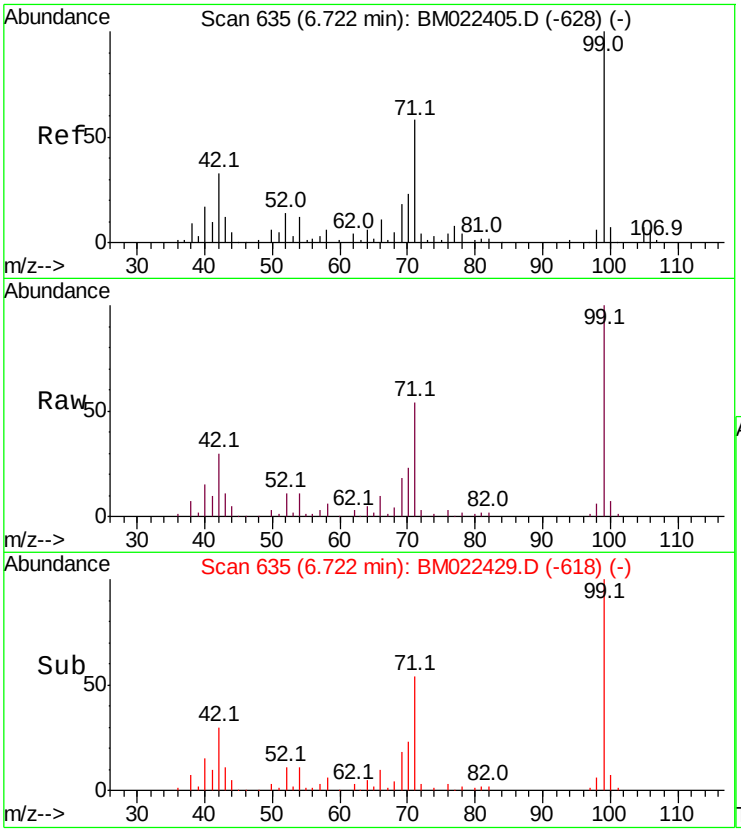


#5
2-Fluorophenol
Concen: 98.374 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:112 Resp: 111234

Ion	Ratio	Lower	Upper
112	100		
64	60.6	45.4	68.2
63	40.9	34.5	51.7

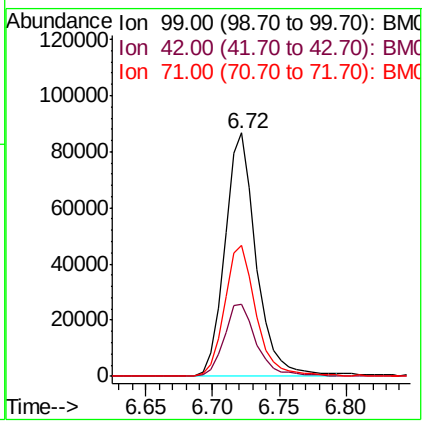




#7
Phenol-d6
Concen: 94.407 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

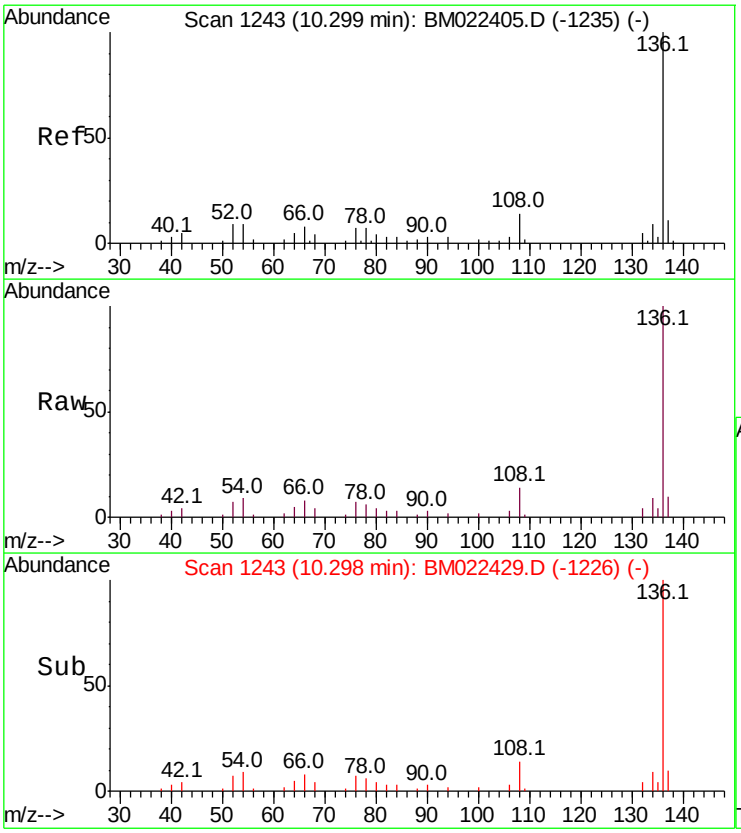
Tgt Ion: 99 Resp: 142751

Ion	Ratio	Lower	Upper
99	100		
42	29.8	26.3	39.5
71	53.8	46.6	69.8



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

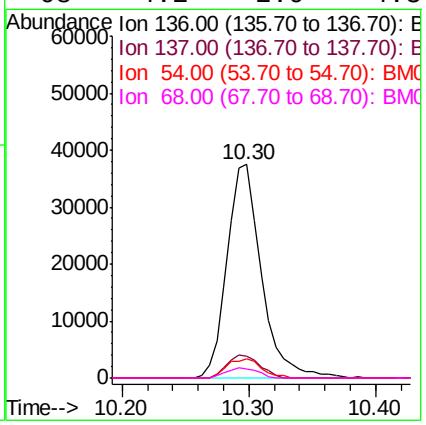
Manual Integrations APPROVED
Jagrut
8/30/2019 10:30:08 AM

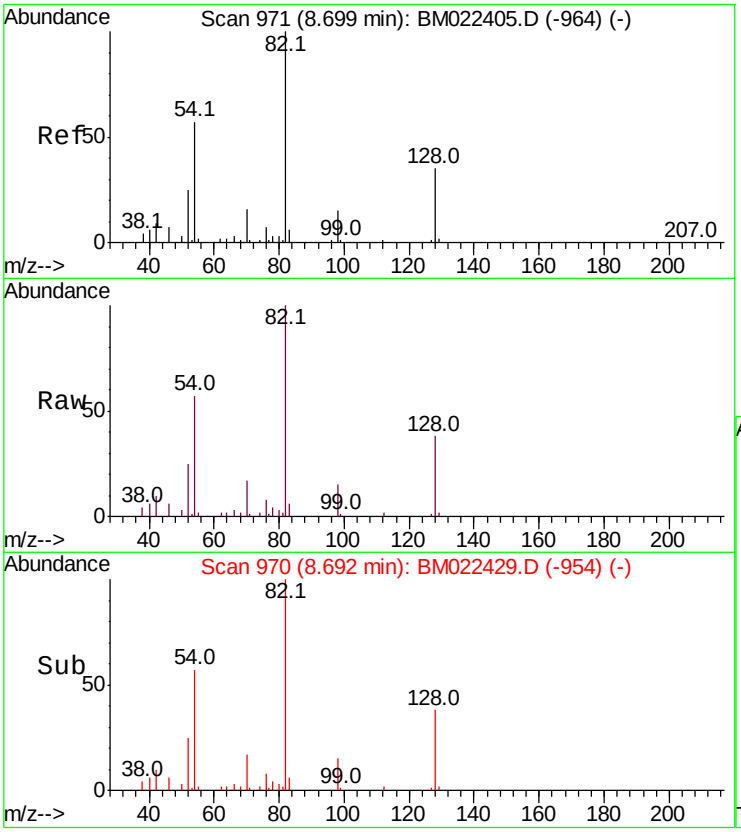


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:136 Resp: 70440

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	9.0	7.0	10.6
68	4.2	2.9	4.3

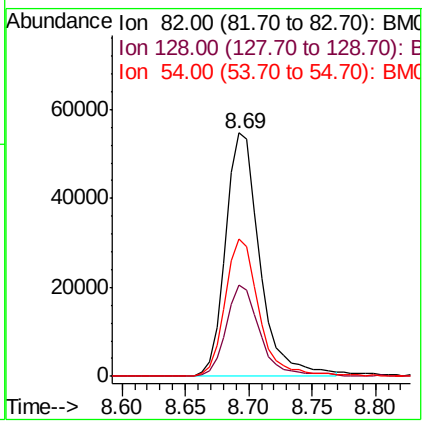




#23
Nitrobenzene-d5
Concen: 63.519 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion: 82 Resp: 102151

Ion	Ratio	Lower	Upper
82	100		
128	37.5	27.9	41.9
54	56.5	45.2	67.8



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Manual Integrations APPROVED
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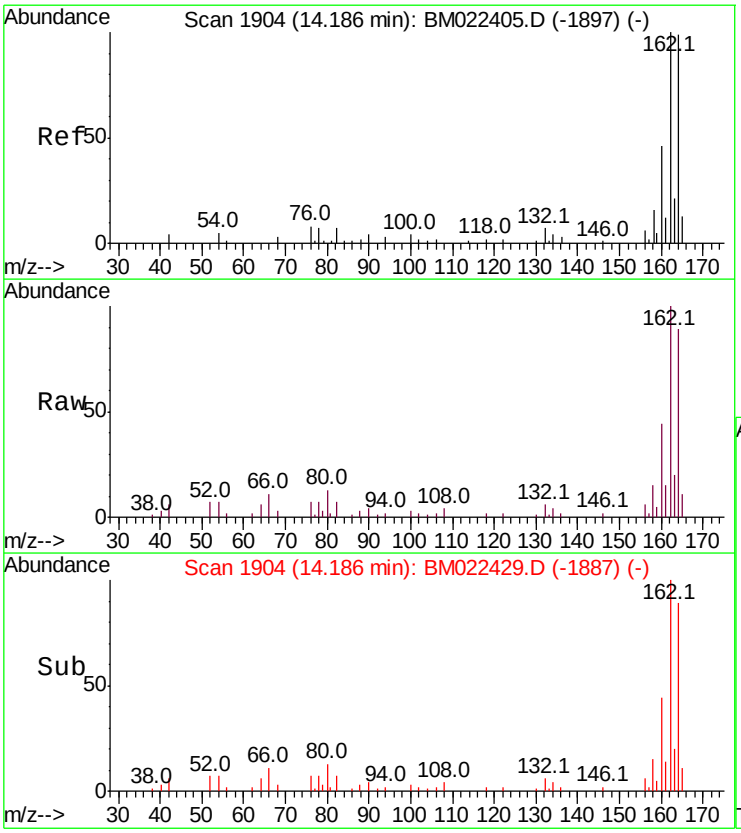
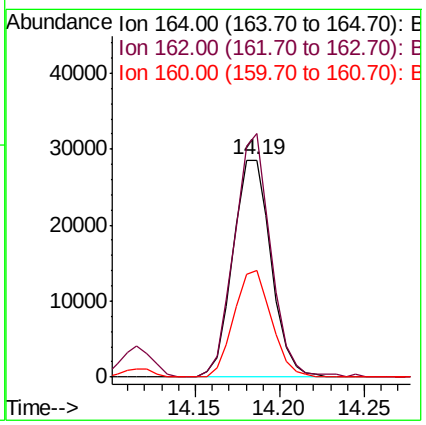
8/30/2019 10:30:08 AM

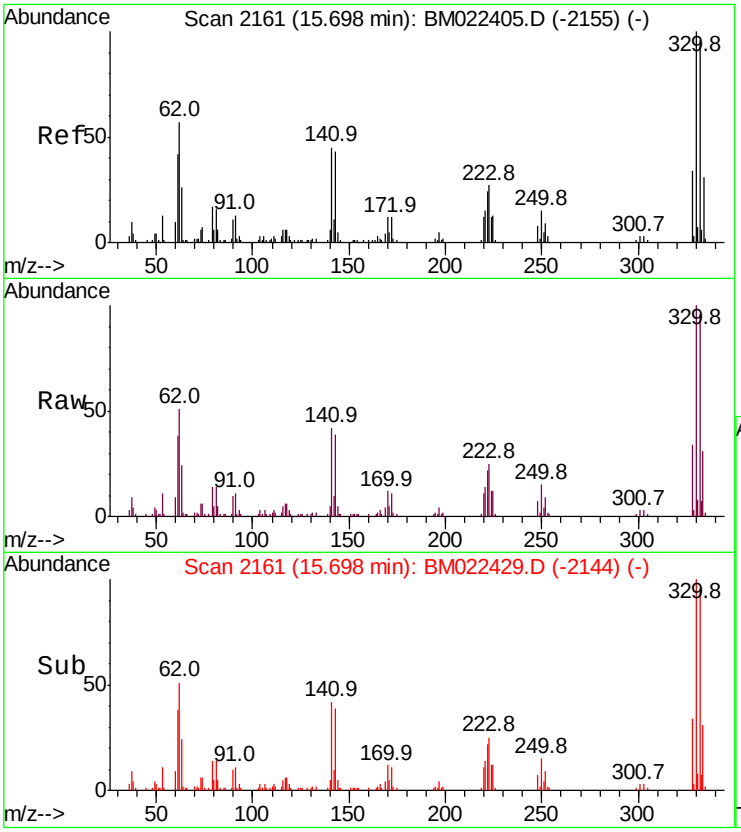


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:164 Resp: 44961

Ion	Ratio	Lower	Upper
164	100		
162	112.1	80.6	121.0
160	48.9	37.3	55.9

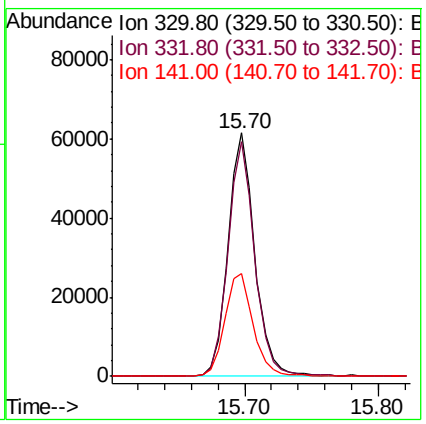




#42
2,4,6-Tribromophenol
Concen: 93.504 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:330 Resp: 86026

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.8
141	44.7	35.6	53.4



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Manual Integrations APPROVED
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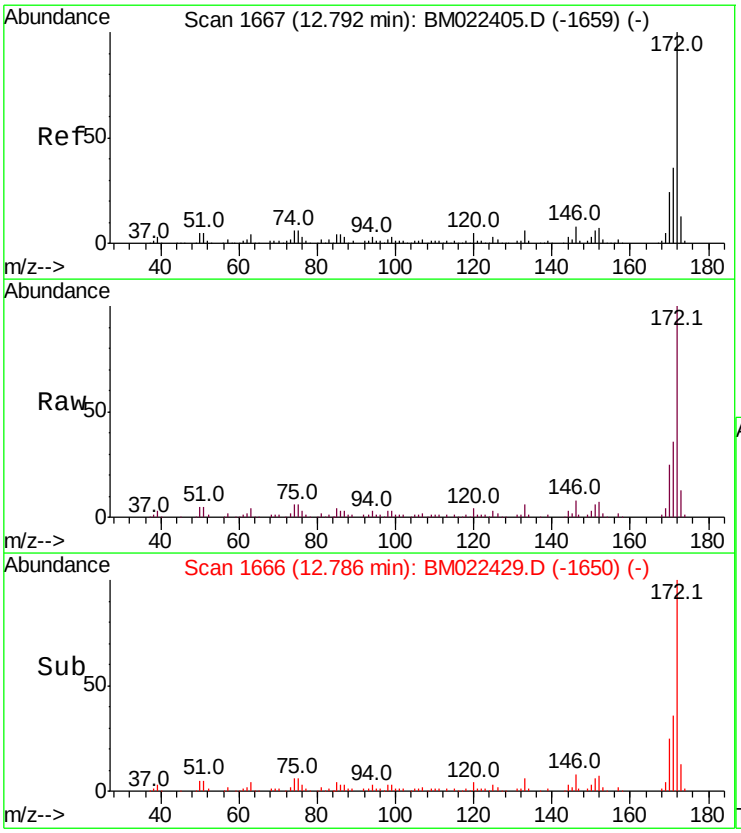
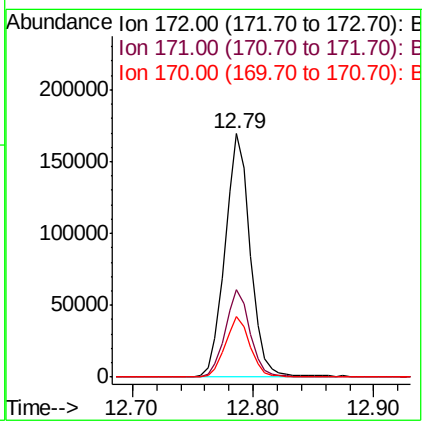
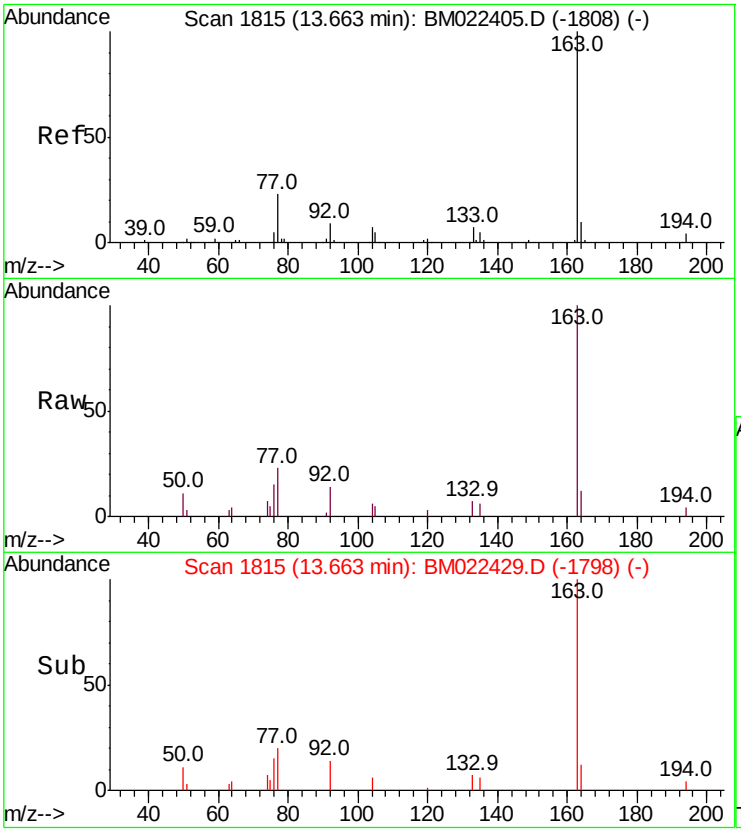


#45
2-Fluorobiphenyl
Concen: 62.291 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:172 Resp: 247222

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	25.1	18.9	28.3

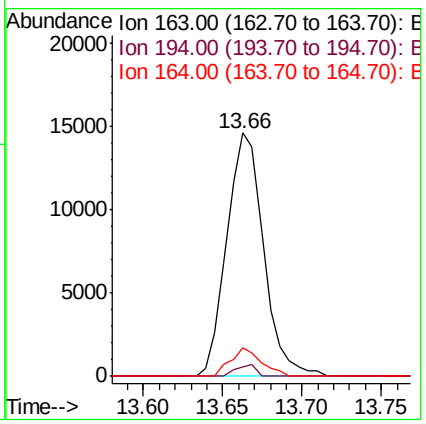




#50
Dimethylphthalate
Concen: 6.011 ng
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:163 Resp: 23505

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	11.9	8.2	12.2



Instrument :
BNA_M
ClientSampleId :
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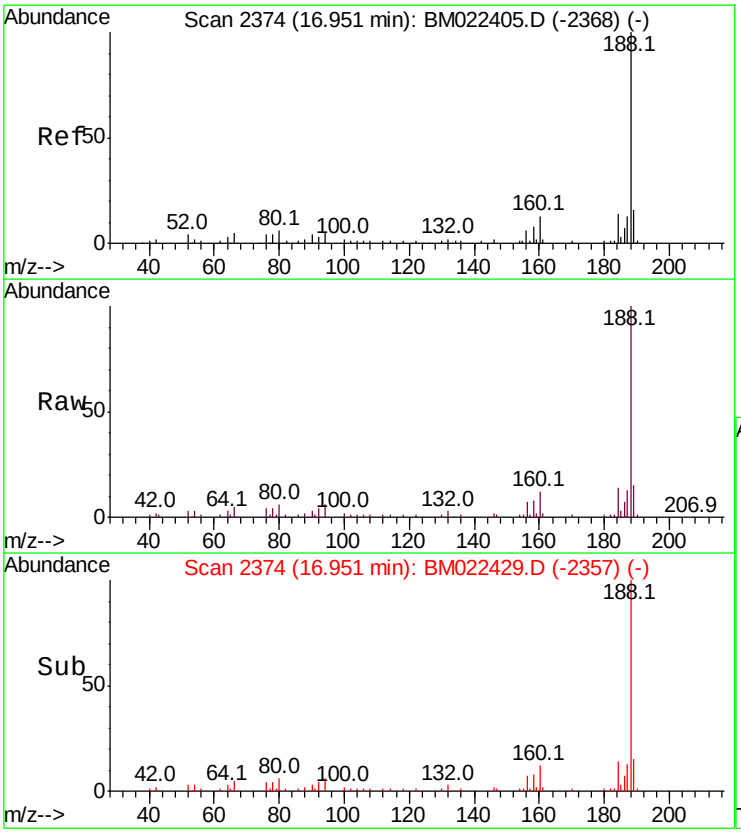
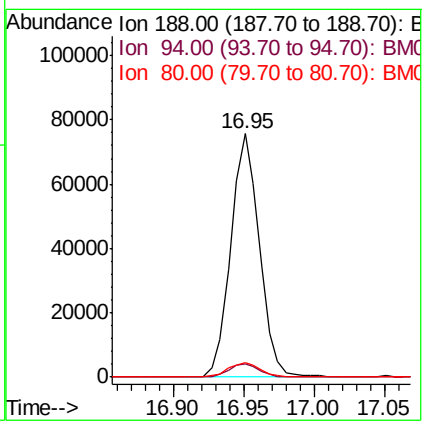
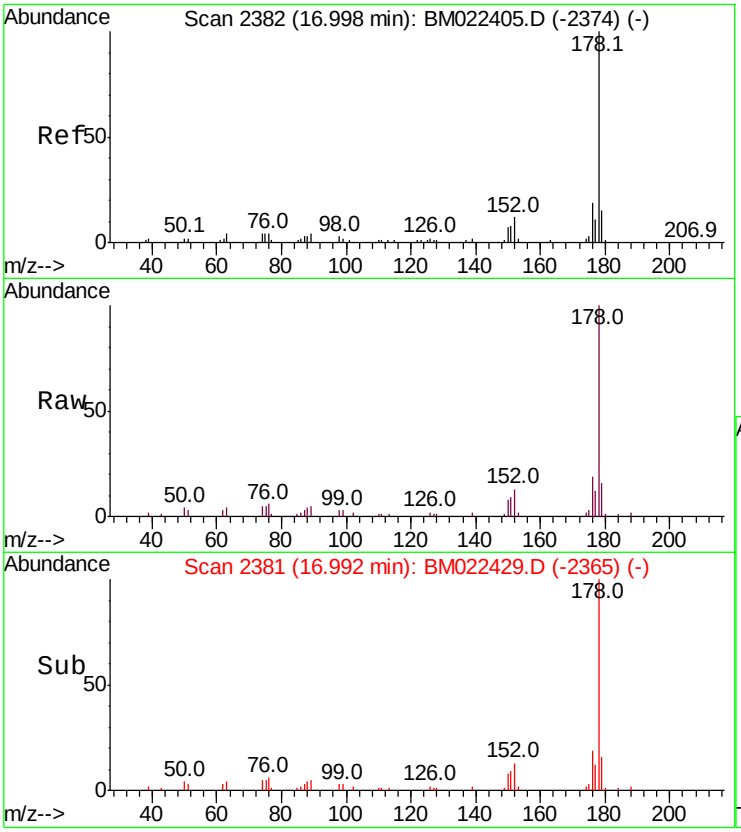


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:188 Resp: 106434

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.4	6.6
80	6.0	5.0	7.6

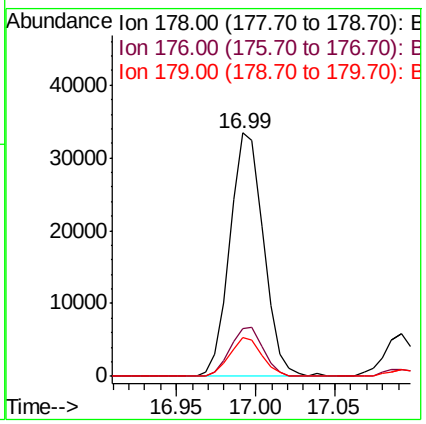




#71
Phenanthrene
Concen: 7.927 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:178 Resp: 49178

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.0	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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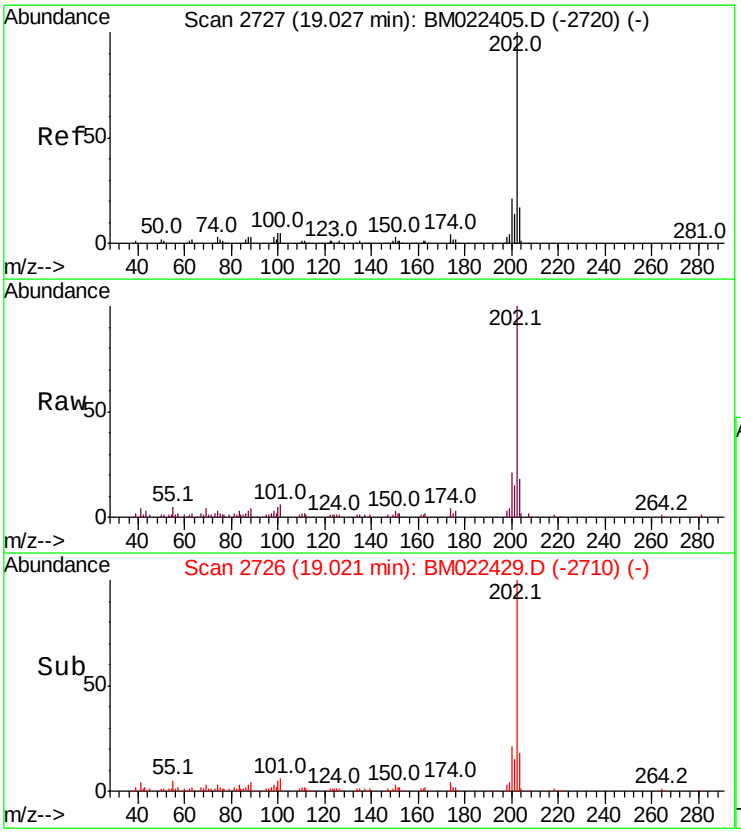
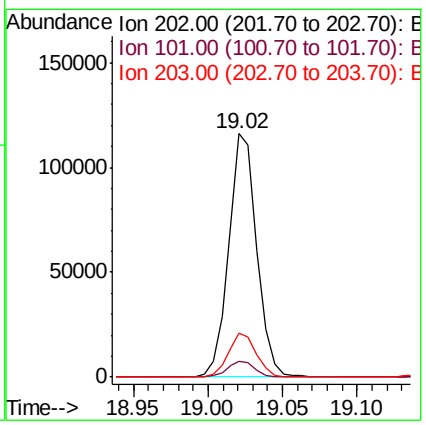
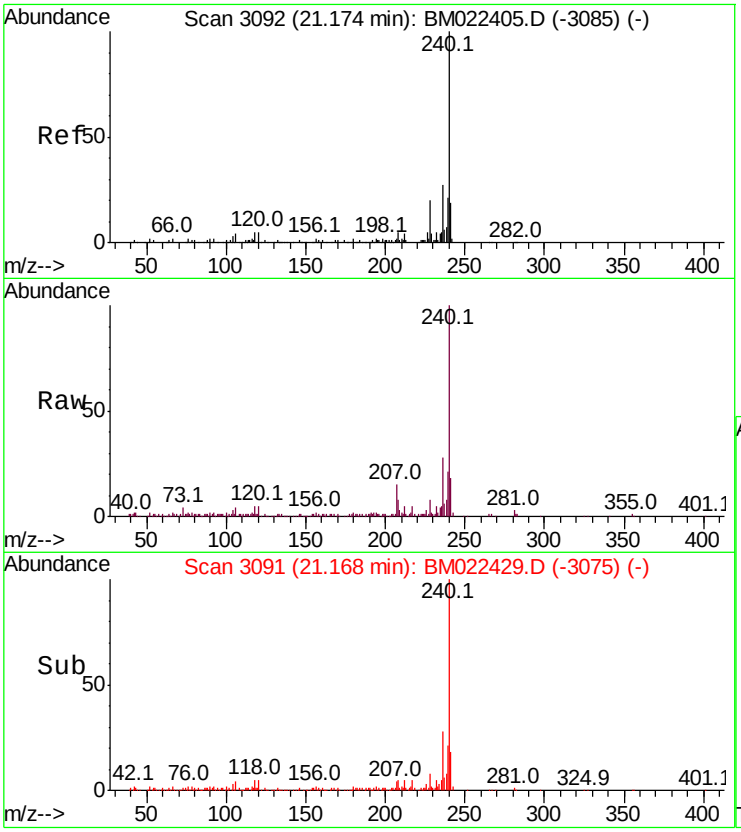


#75
Fluoranthene
Concen: 18.515 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:202 Resp: 152970

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	25.1
203	17.9	0.0	37.1

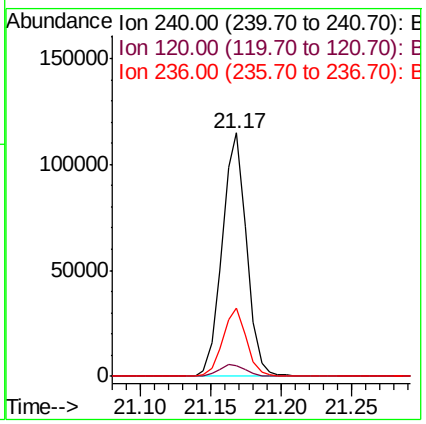




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:240 Resp: 137425

Ion	Ratio	Lower	Upper
240	100		
120	4.6	3.9	5.9
236	28.0	21.4	32.2



Instrument :
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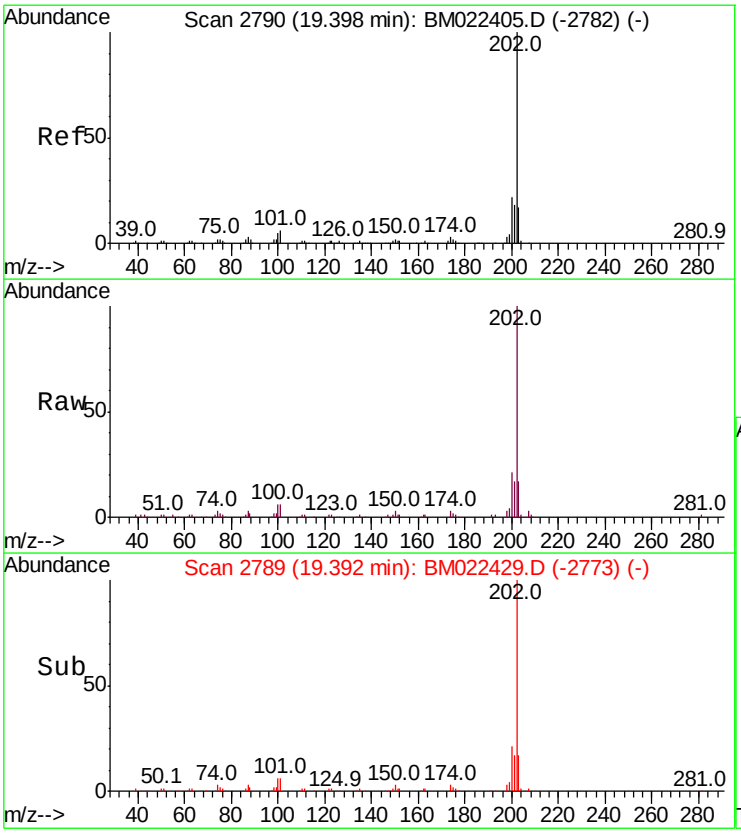
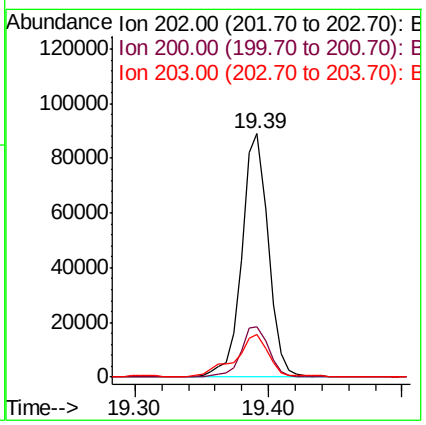
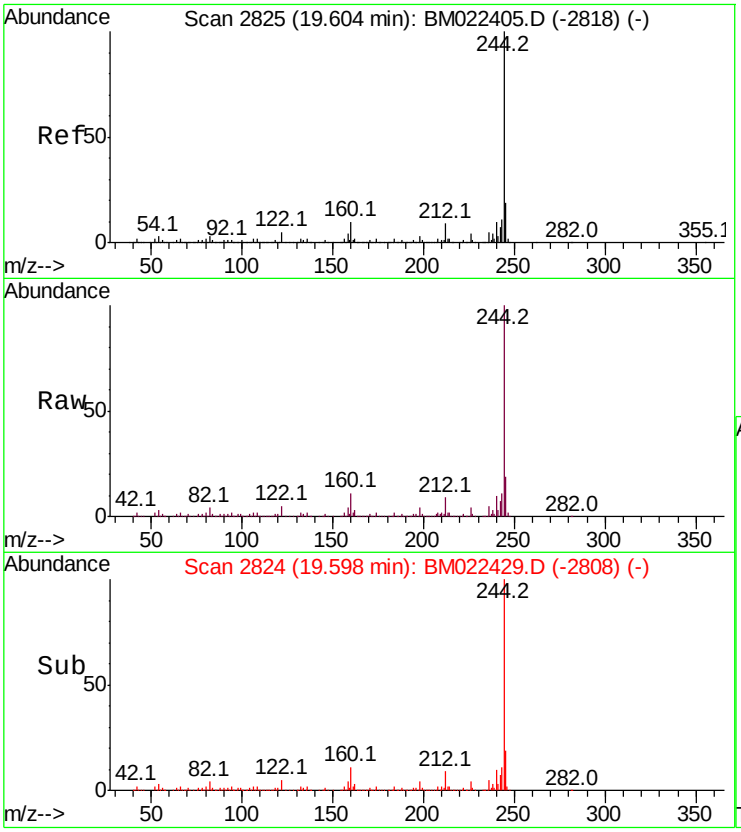


#78
Pyrene
Concen: 12.903 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:202 Resp: 120842

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.3	13.8	20.8

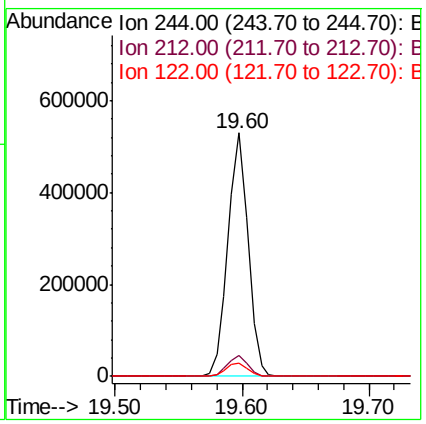




#79
Terphenyl-d14
Concen: 55.996 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

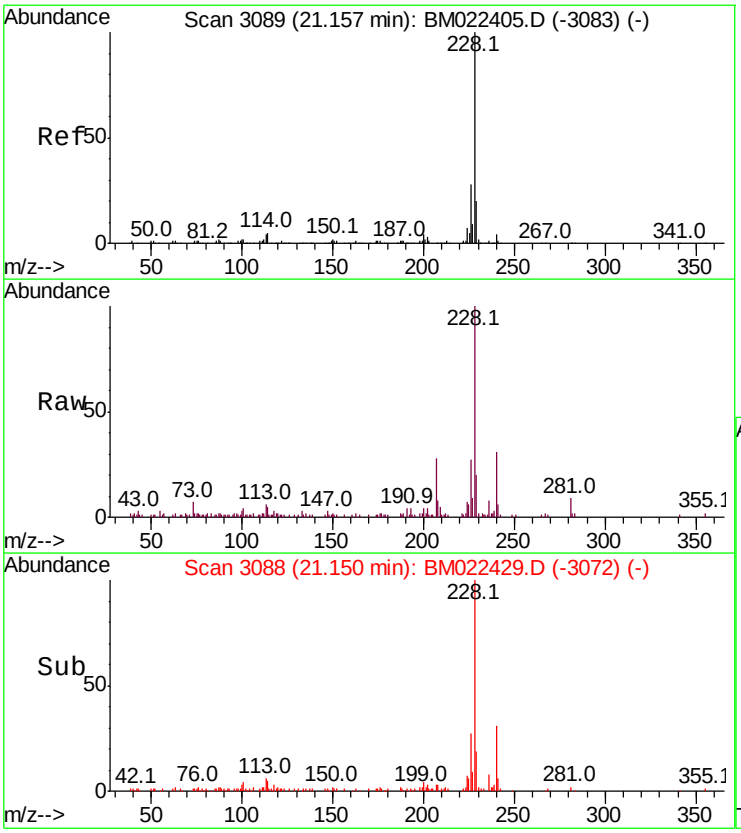
Tgt Ion:244 Resp: 583081

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	5.4	3.9	5.9



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

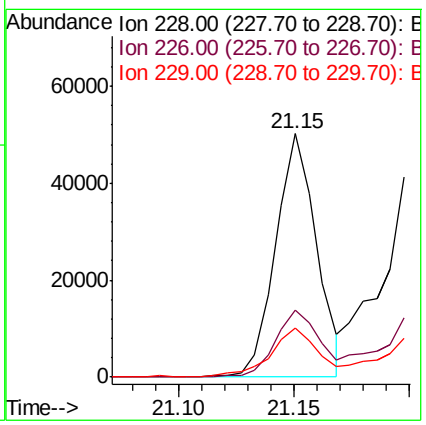
Manual Integrations APPROVED
Jagrut
8/30/2019 10:30:08 AM

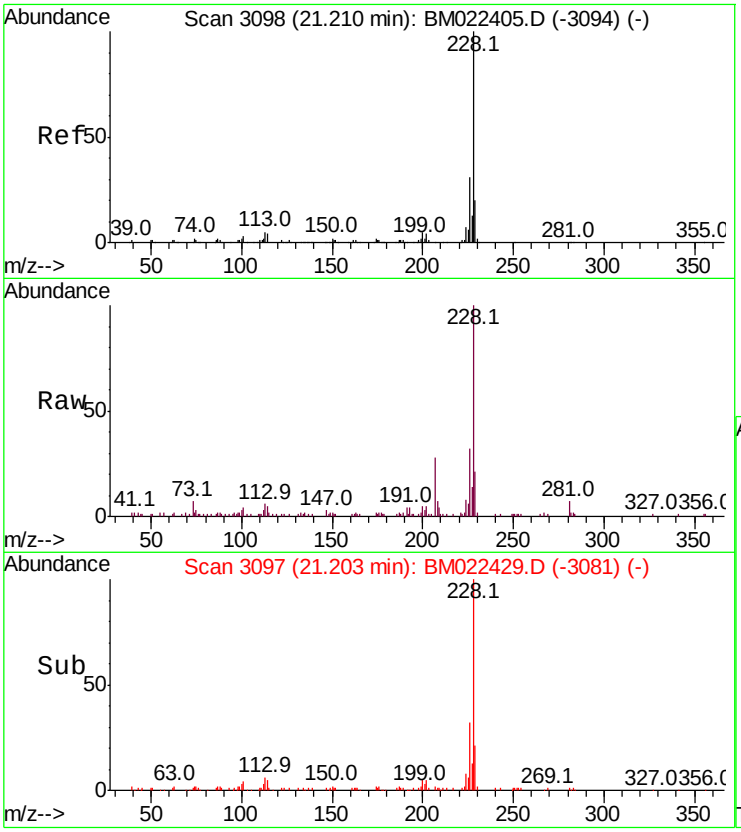


#81
Benzo(a)anthracene
Concen: 6.262 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:228 Resp: 61763

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	20.2	15.9	23.9

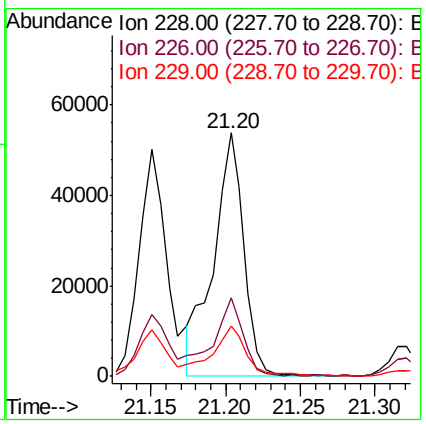




#83
Chrysene
Concen: 8.214 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:228 Resp: 77120

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.5	36.7
229	20.7	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

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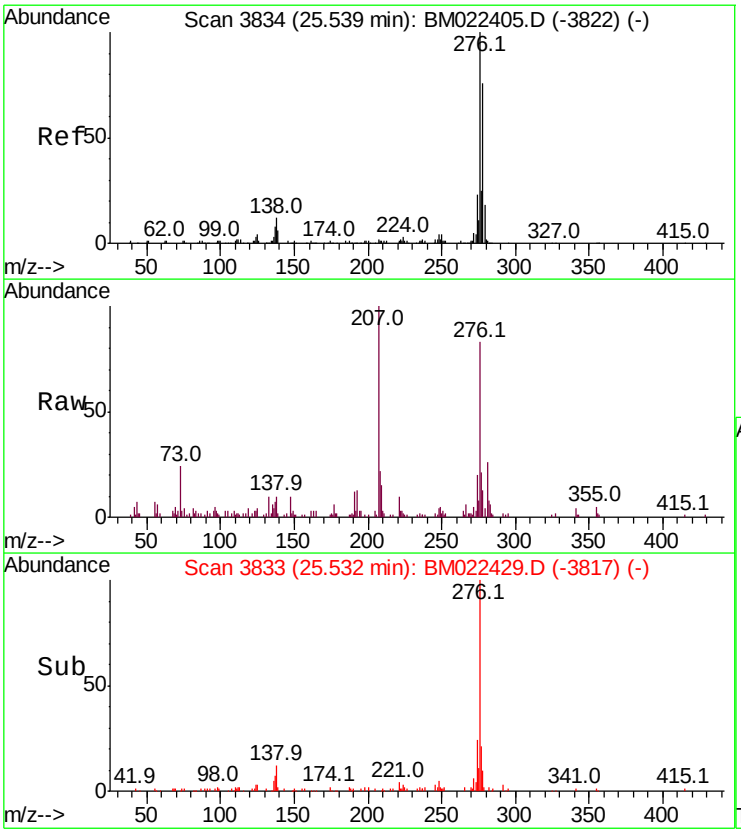
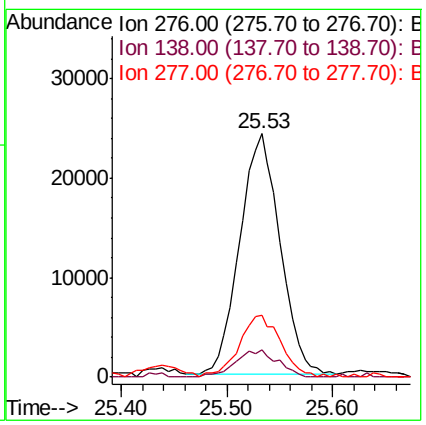
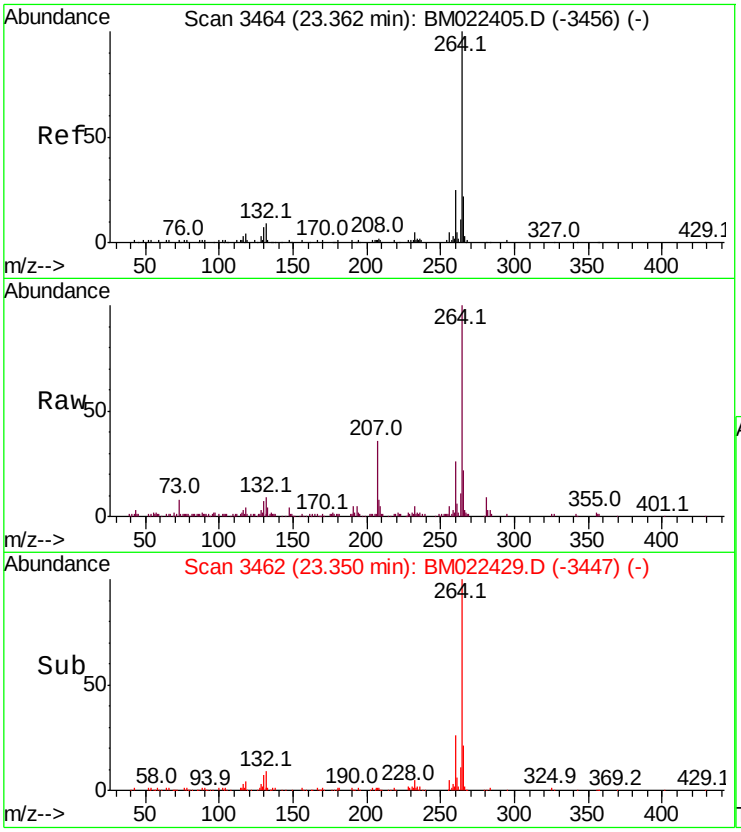


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.739 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:276 Resp: 63645

Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.1	13.7
277	26.5	20.0	30.0

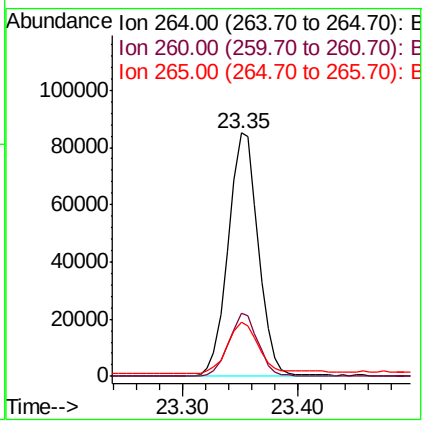




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:264 Resp: 154480

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	22.2	18.2	27.2



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Manual Integrations APPROVED
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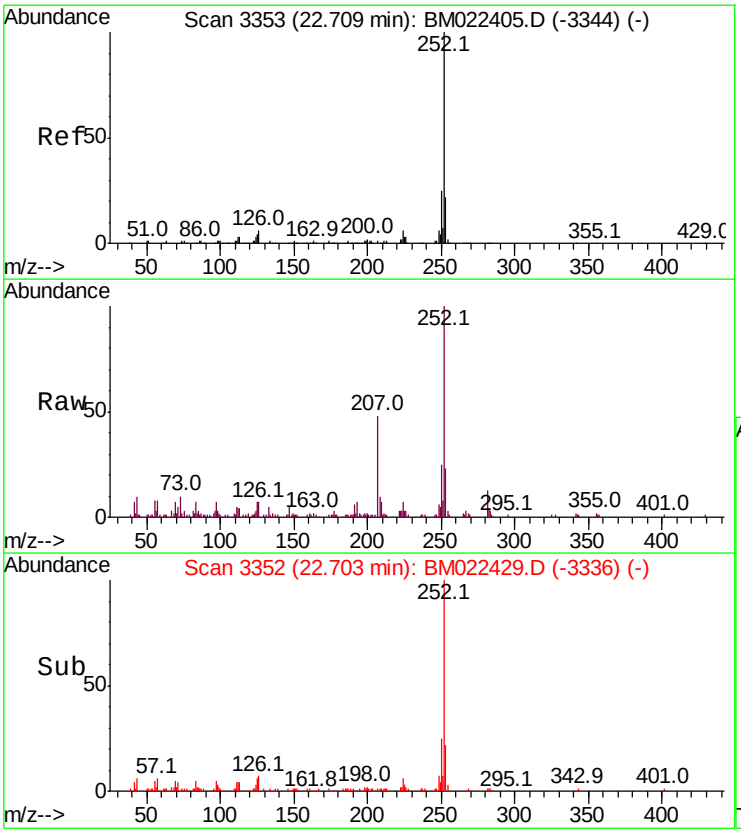
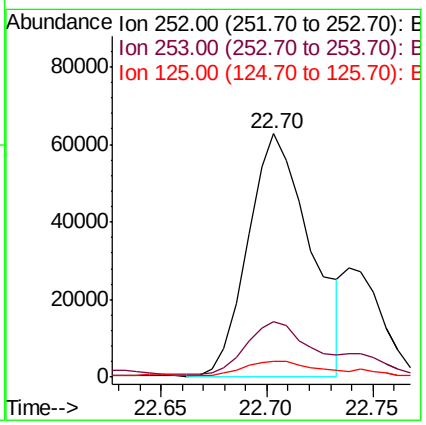
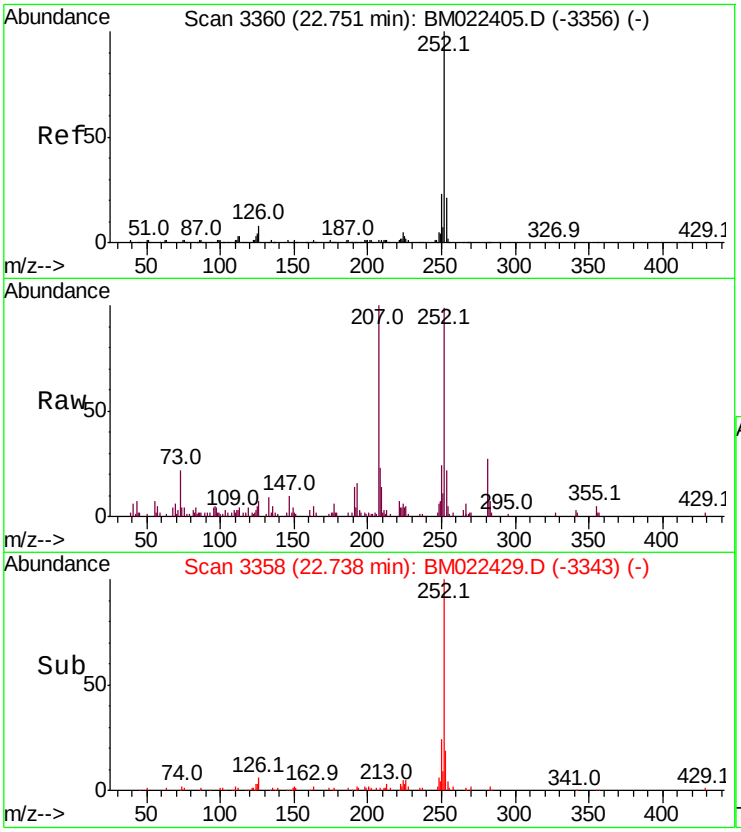


#88
Benzo(b)fluoranthene
Concen: 12.109 ng
RT: 22.70 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:252 Resp: 129950

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	6.7	3.5	5.3#

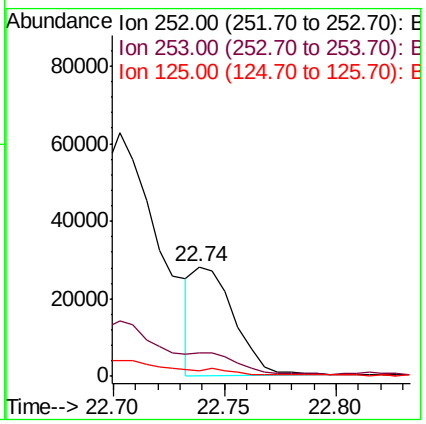




#89
Benzo(k)fluoranthene
Concen: 3.340 ng m
RT: 22.74 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:252 Resp: 35554

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	5.3	3.7	5.5



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

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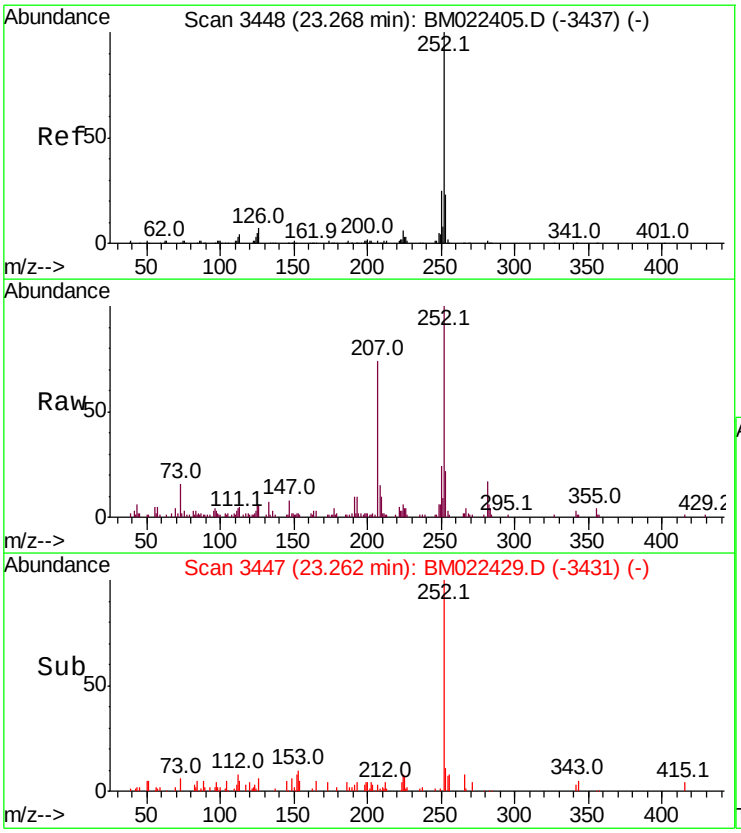
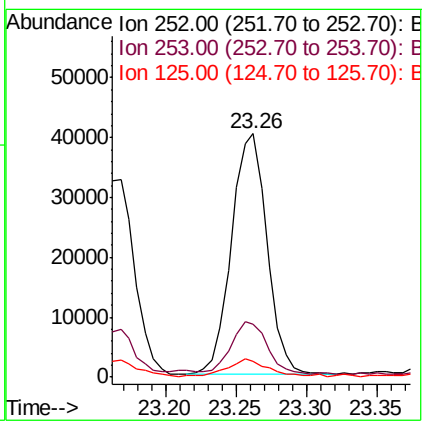
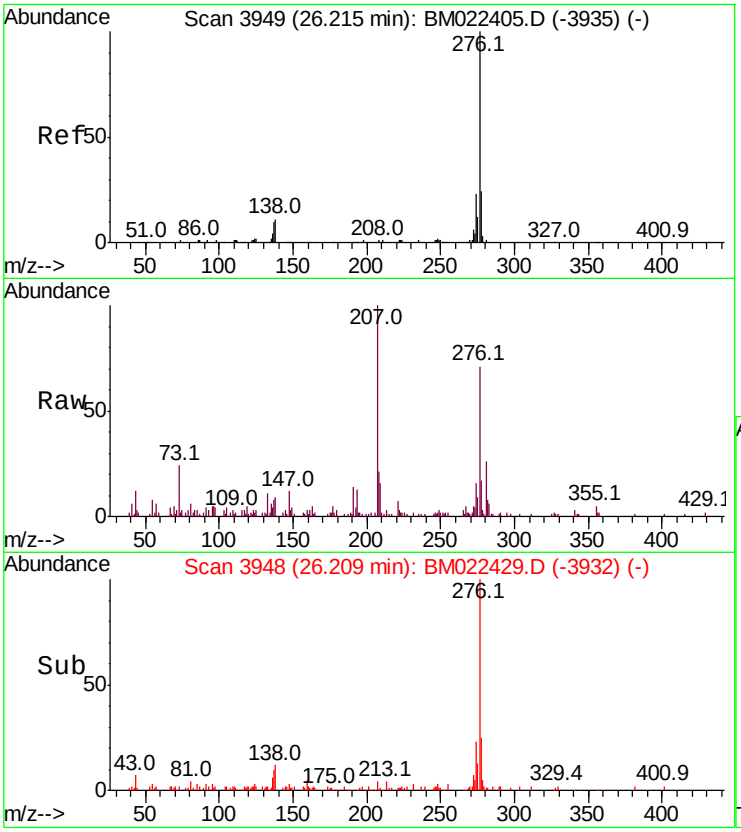


#90
Benzo(a)pyrene
Concen: 7.459 ng
RT: 23.26 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:252 Resp: 71053

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	6.3	3.8	5.8#

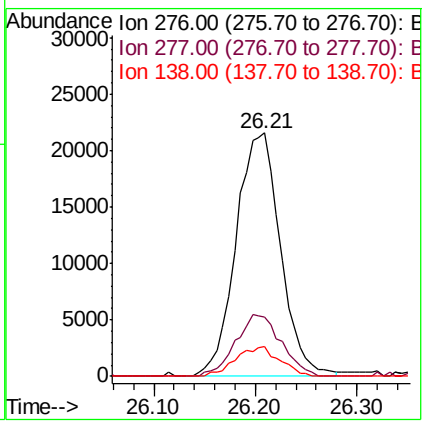




#92
Benzo(g,h,i)perylene
Concen: 7.935 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.01 min
Lab File: BM022429.D
Acq: 30 Aug 2019 04:04

Tgt Ion:276 Resp: 65689

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	12.2	8.8	13.2



Instrument :
BNA_M
ClientSampleId :
S403-K1-1.0-1.5-082819-FD

Manual Integrations APPROVED
Jagrut
8/30/2019 10:30:08 AM