Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016622.D
Acq On : 01 Oct 2021 06:00
Operator : CG/JU
Sample : M3986-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

Manual Integrations APPROVED
mohammad
10/1/2021 9:17:23 AM

Quant Time: Oct 01 07:24:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29827	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	138048	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	74581	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	141033	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	135318	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	138438	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	7347	0.097	ng	0.02
5) Phenol-d6	6.831	99	4460	0.054	ng	0.00
8) Nitrobenzene-d5	8.784	82	24135	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	65733	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11861	0.349	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	84872	0.281	ng	0.00
27) Fluoranthene-d10	19.063	212	154376	0.412	ng	0.00
31) Terphenyl-d14	19.678	244	119652	0.407	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.457	128	209099	0.557	ng	100
25) Phenanthrene	17.066	178	28132	0.066	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.163	149	28716	0.173	ng	99

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

Quantitation Report (QT Reviewed)

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Data File : BN016622.D
Acq On : 01 Oct 2021 06:00
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
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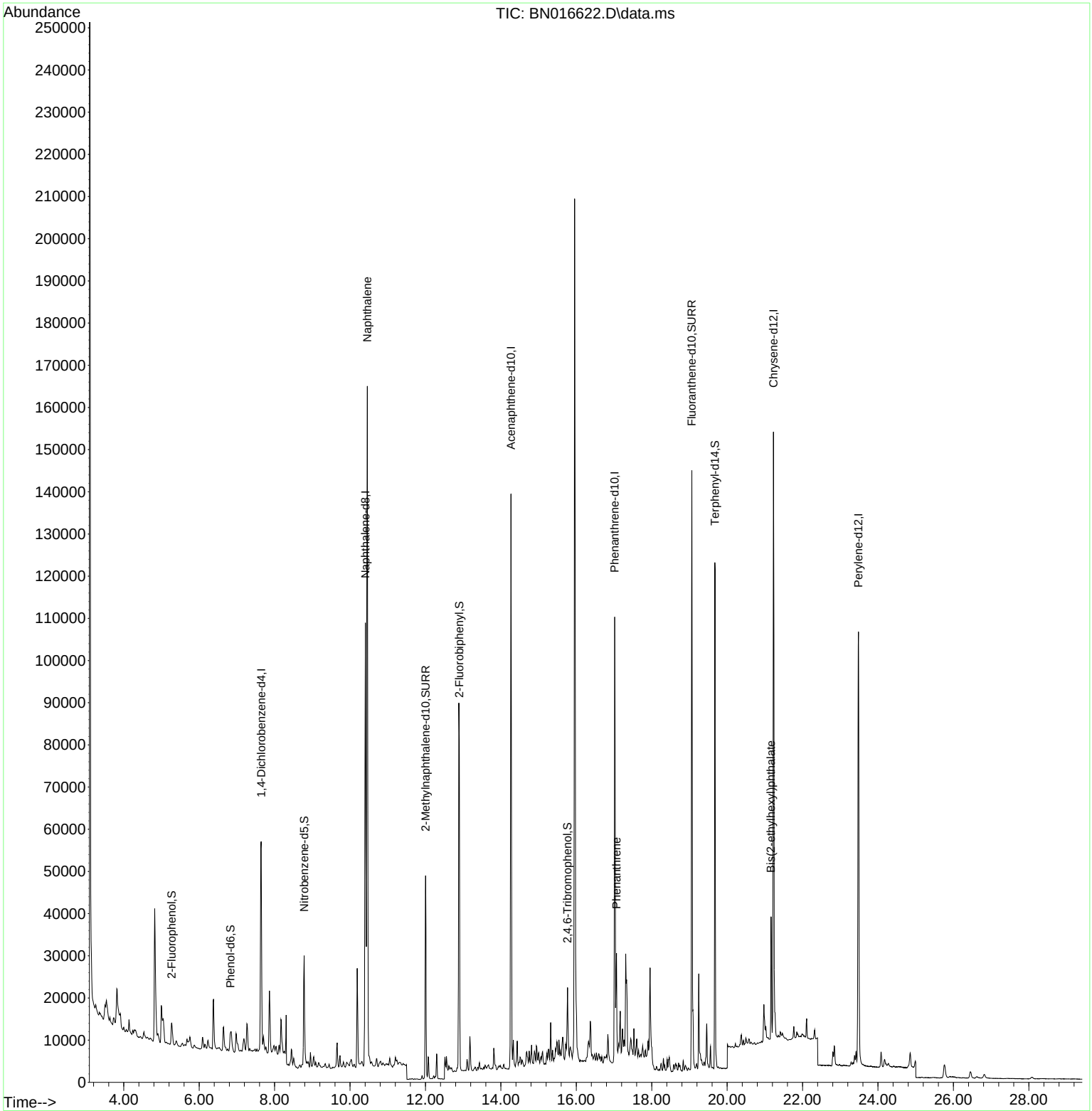
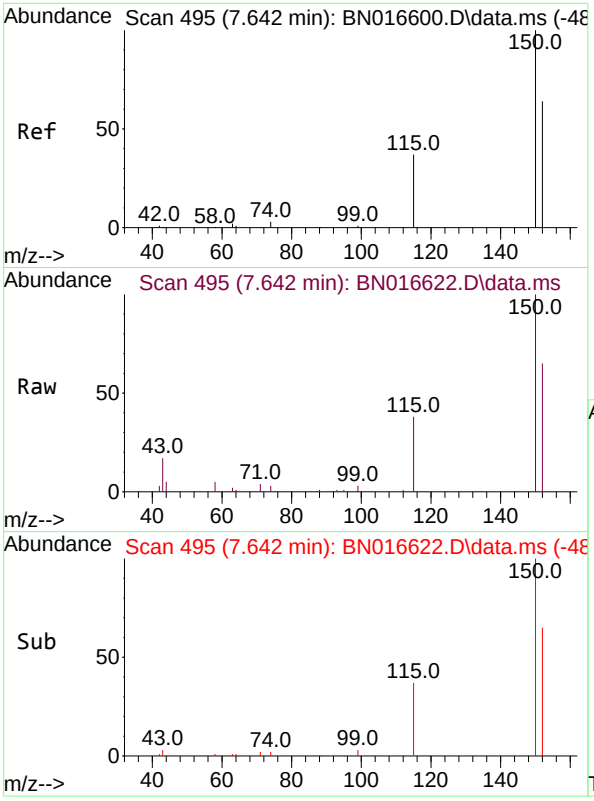
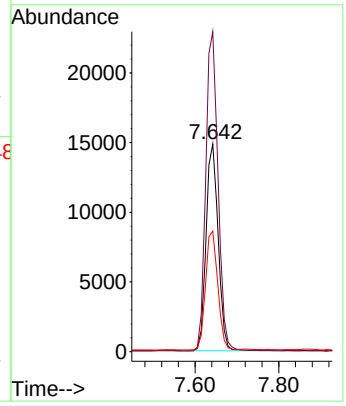




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:152 Resp: 29827

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	58.1	46.5	69.7



Instrument :
BNA_N
ClientSampleId :
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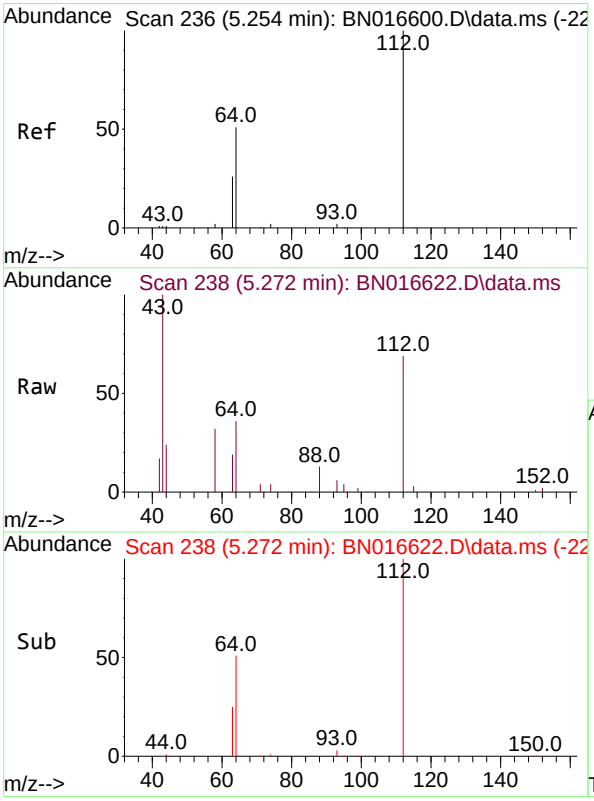
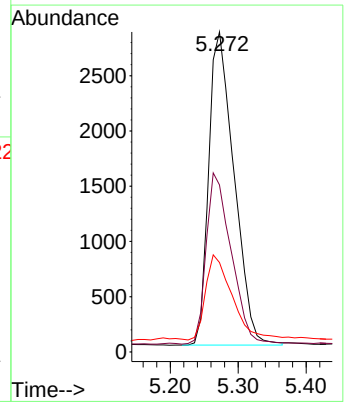
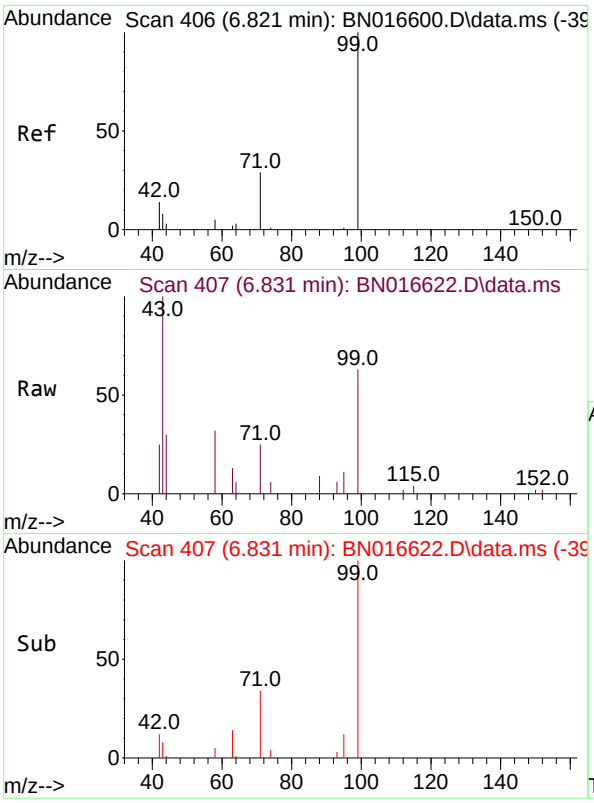


#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:112 Resp: 7347

Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.1	64.7
63	28.6	21.6	32.4

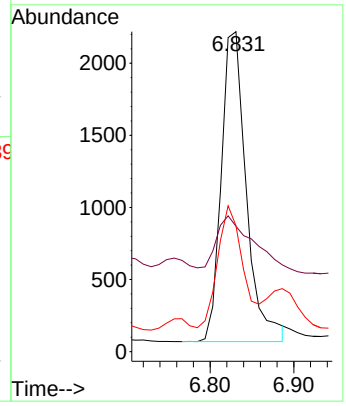




#5
Phenol-d6
Concen: 0.054 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion: 99 Resp: 4460

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.0	19.6#
71	39.7	23.5	35.3#



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

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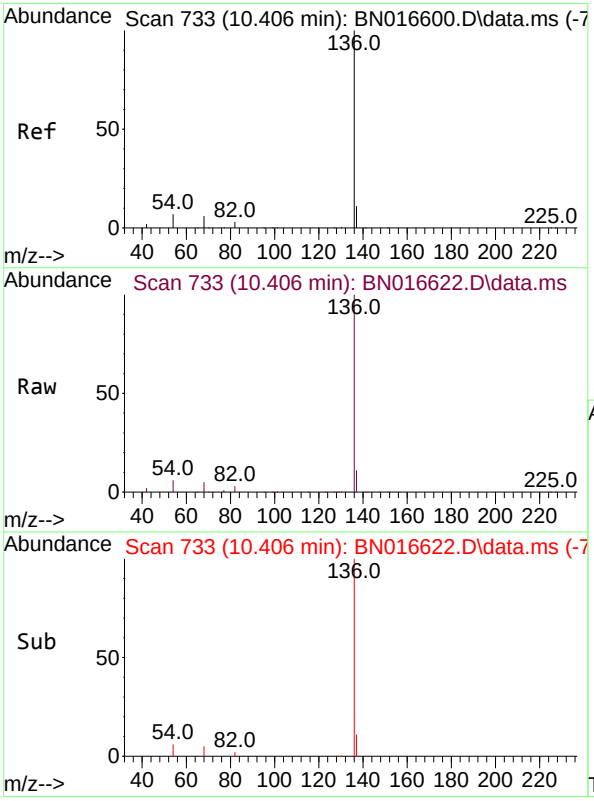
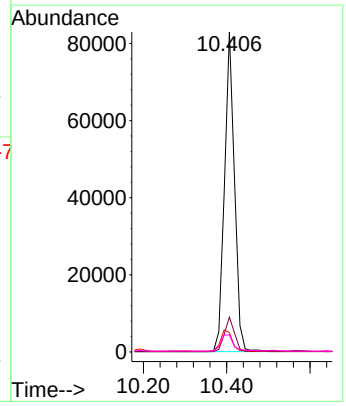
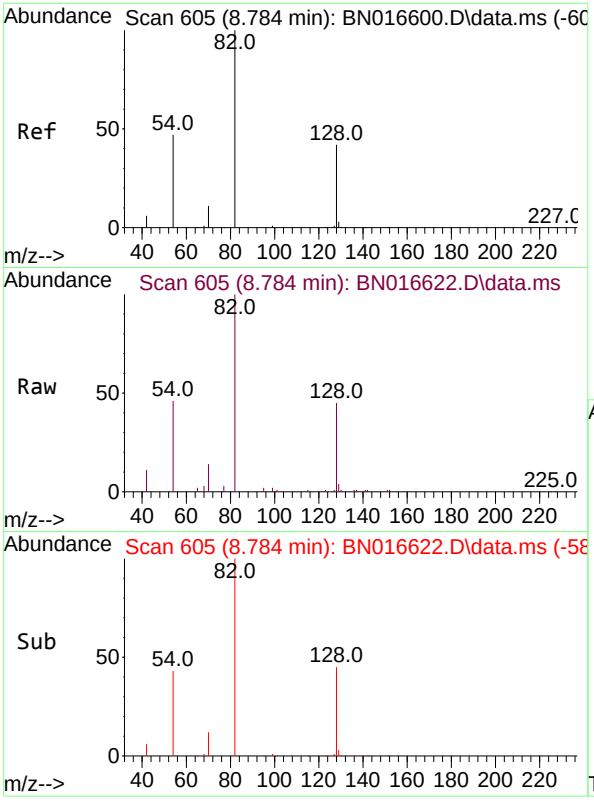


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:136 Resp: 138048

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.9	8.9
68	5.3	5.0	7.6

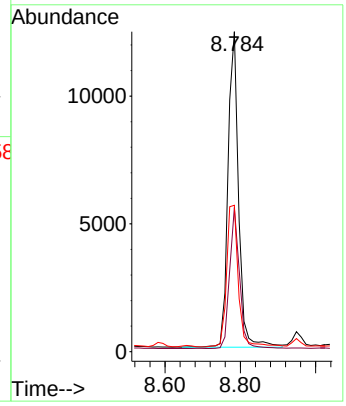


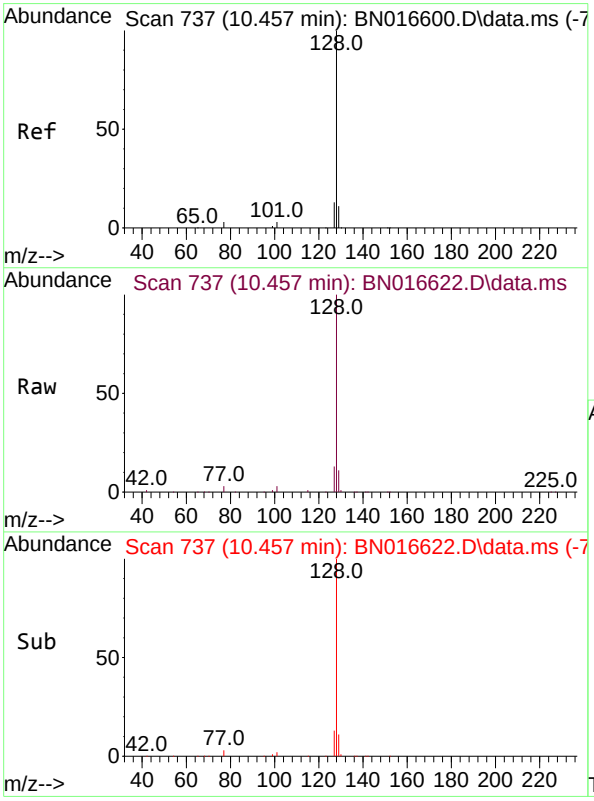


#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion: 82 Resp: 24135

Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.6	50.4
54	45.7	37.6	56.4

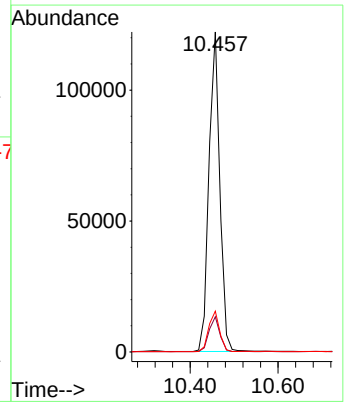




#9
Naphthalene
Concen: 0.557 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:128 Resp: 209099

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

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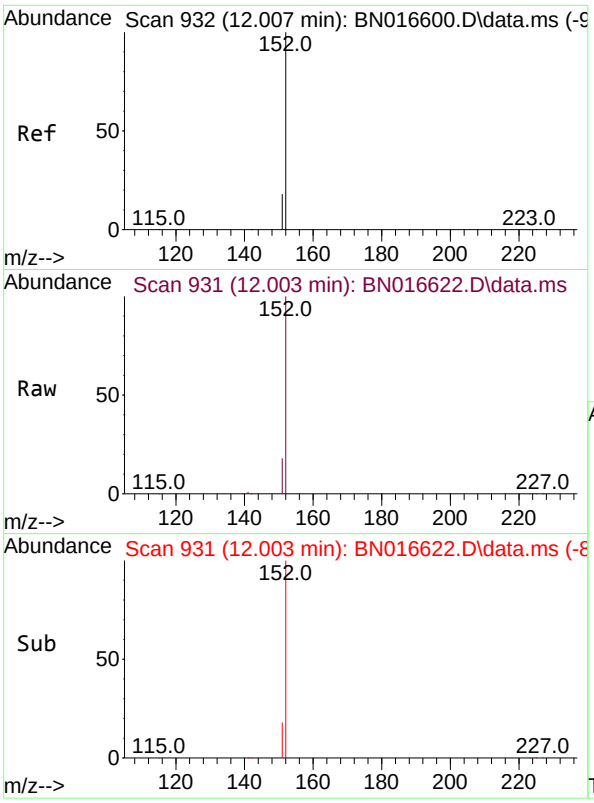
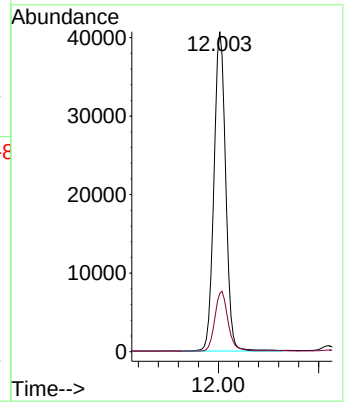


#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:152 Resp: 65733

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

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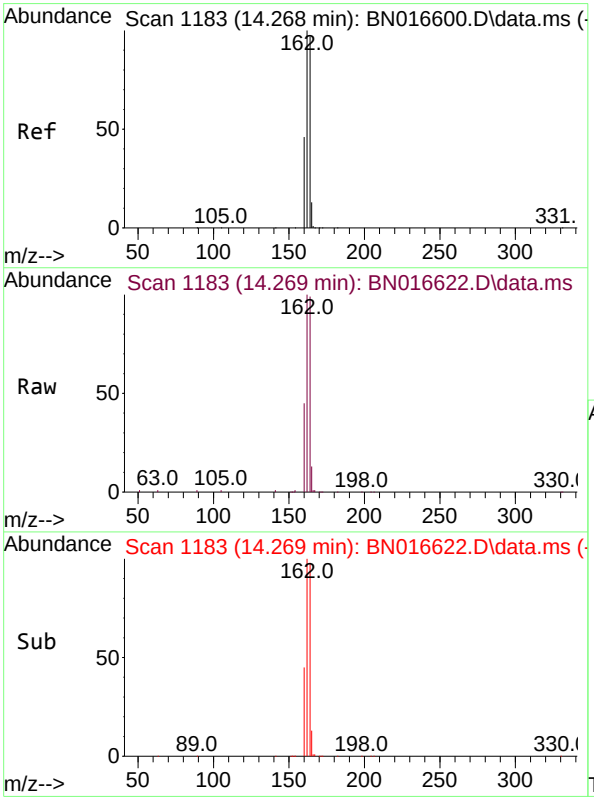
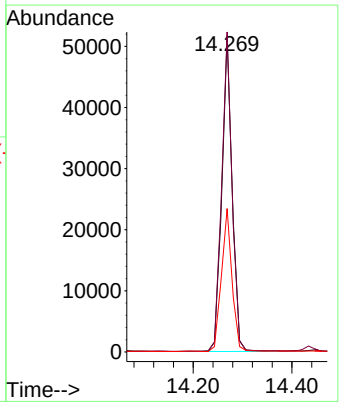
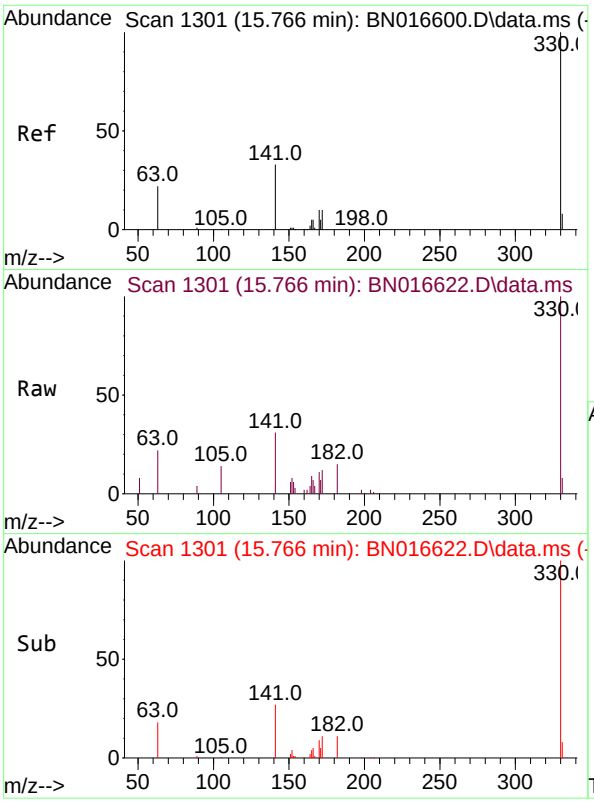


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:164 Resp: 74581

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	45.4	37.7	56.5

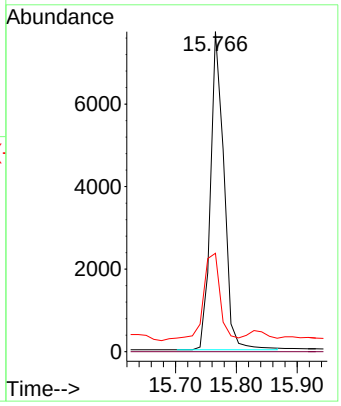


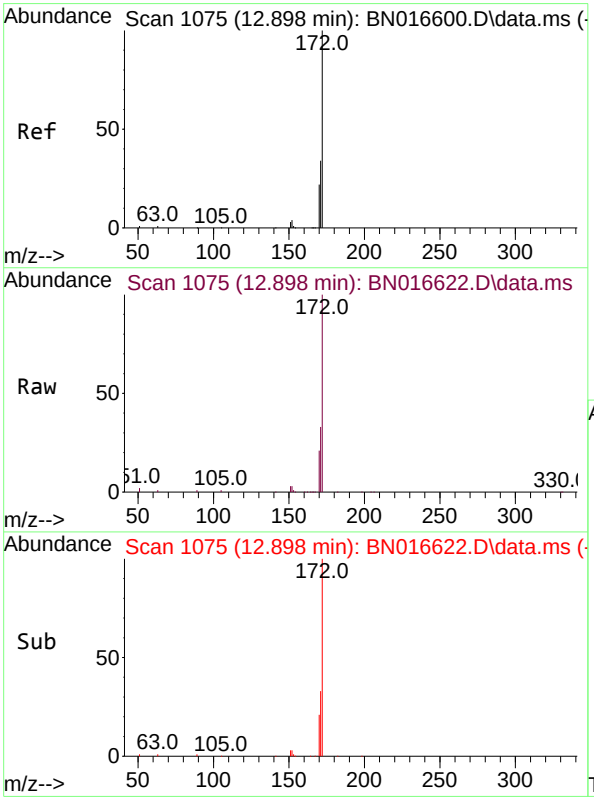


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:330 Resp: 11861

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.9	25.2	37.8

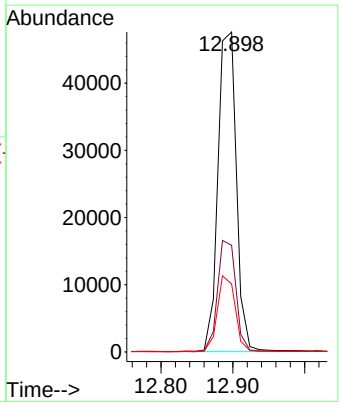




#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:172 Resp: 84872

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.0	40.4
170	21.2	17.4	26.2



Instrument :
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ClientSampleId :
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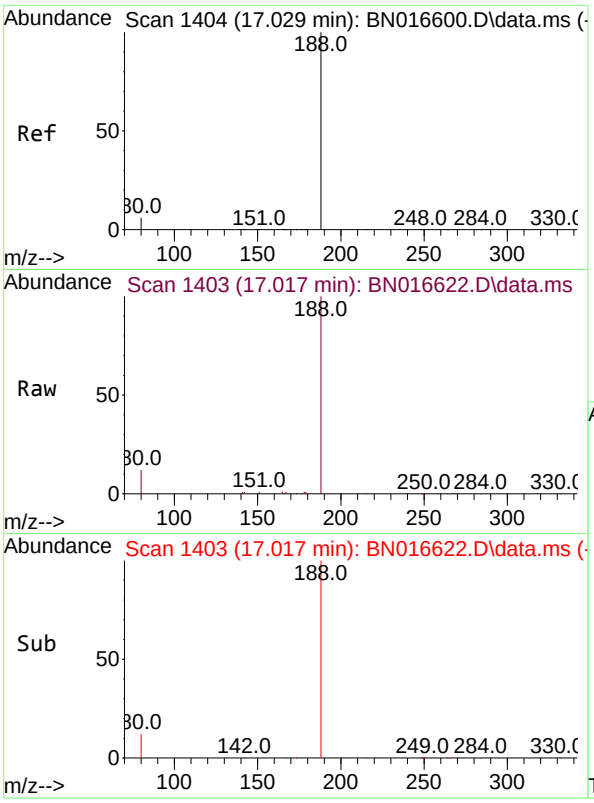
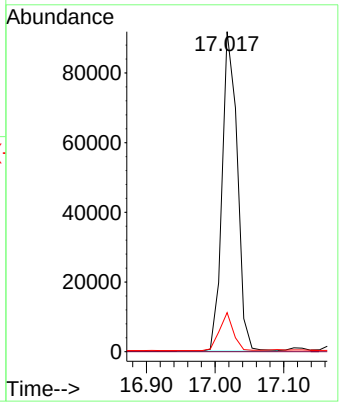
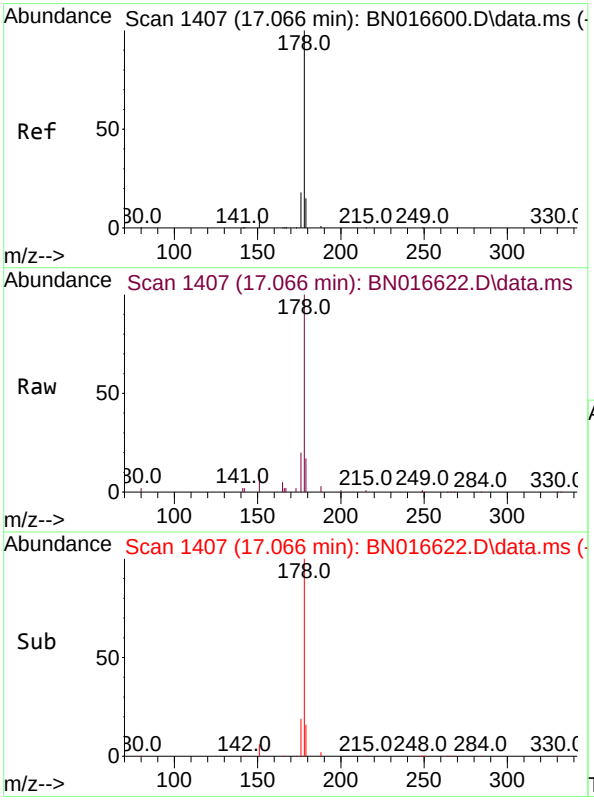


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:188 Resp: 141033

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	5.0	7.6#

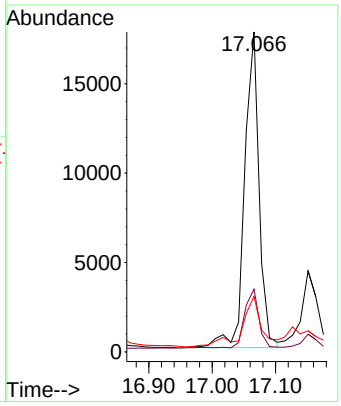




#25
Phenanthrene
Concen: 0.066 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:178 Resp: 28132

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	21.2	12.2	18.4#



Instrument :
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ClientSampleId :
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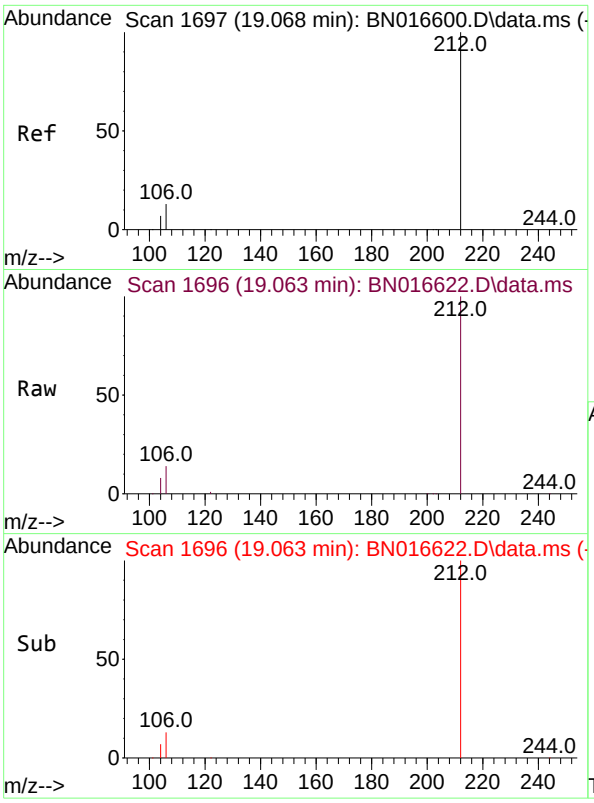
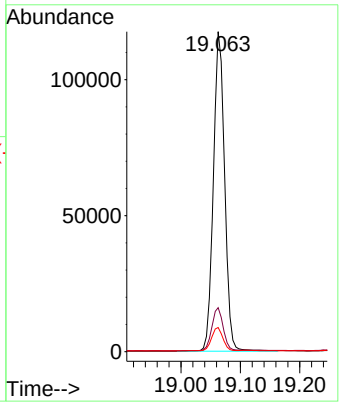


#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:212 Resp: 154376

Ion	Ratio	Lower	Upper
212	100		
106	13.7	10.6	16.0
104	7.4	5.9	8.9



Instrument :
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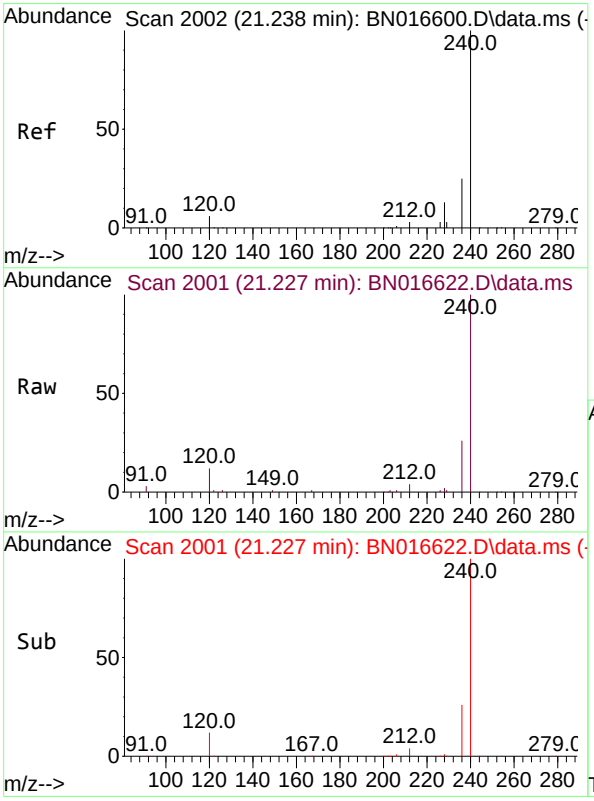
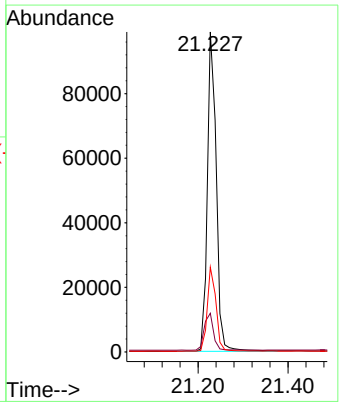
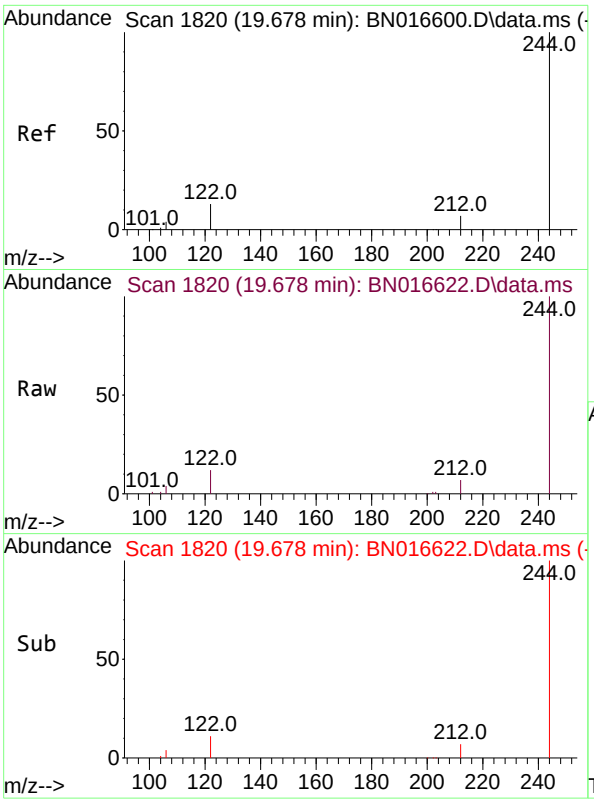


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:240 Resp: 135318

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.0	7.4#
236	26.5	20.4	30.6

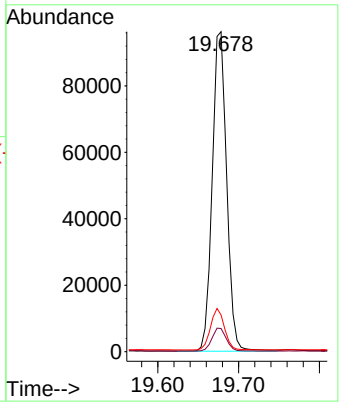


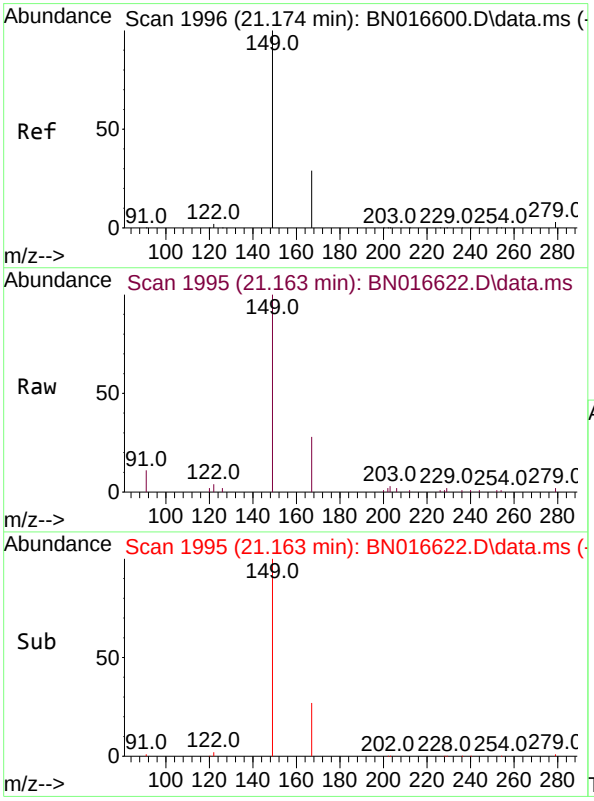


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:244 Resp: 119652

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.5	10.1	15.1

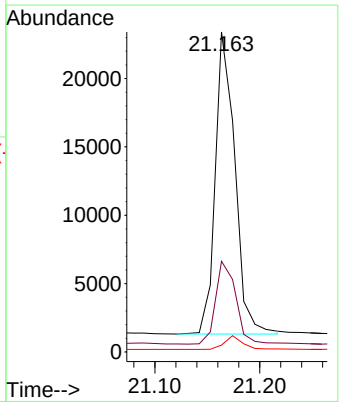




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.173 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.011 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:149 Resp: 28716

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.3	3.2	4.8



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

Manual Integrations APPROVED
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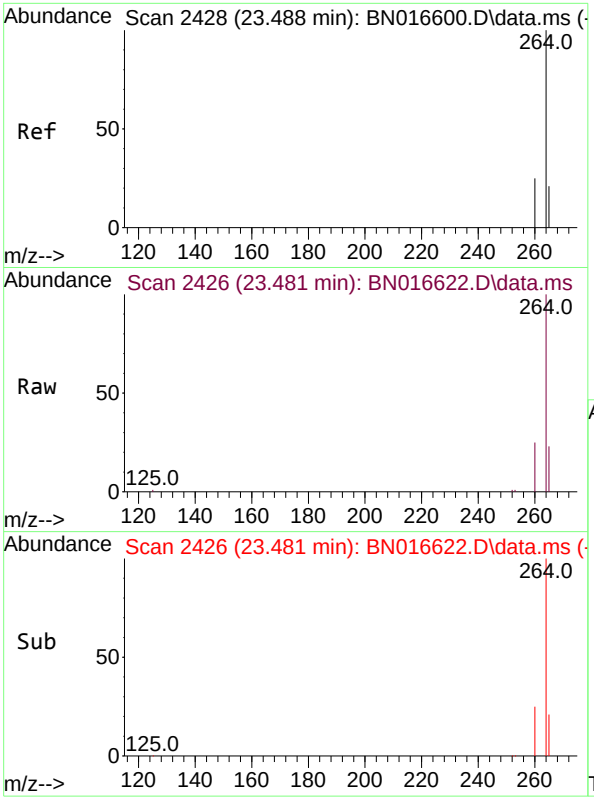
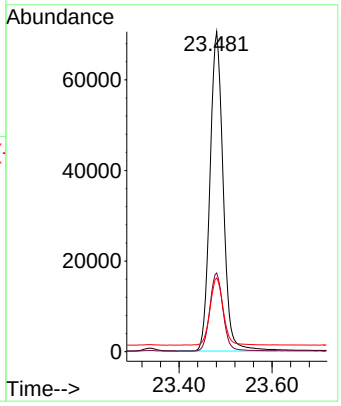
10/1/2021 9:17:23 AM



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BN016622.D
Acq: 01 Oct 2021 06:00

Tgt Ion:264 Resp: 138438

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	23.0	19.2	28.8



Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

Manual Integrations APPROVED
mohammad
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