Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018286.D
Acq On : 30 Dec 2021 07:25
Operator : CG/JU
Sample : M5212-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Quant Time: Dec 30 16:04:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	32098	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	126565	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	82431	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	162439	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	141391	0.400	ng	0.00
35) Perylene-d12	23.420	264	122763	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	8576	0.133	ng	0.02
5) Phenol-d6	6.840	99	4364	0.070	ng	0.00
8) Nitrobenzene-d5	8.785	82	23463	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	59590	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	16035	0.669	ng	-0.01
15) 2-Fluorobiphenyl	12.886	172	101499	0.325	ng	-0.01
27) Fluoranthene-d10	19.038	212	181216	0.351	ng	0.00
31) Terphenyl-d14	19.644	244	159410	0.444	ng	0.00
Target Compounds						Qvalue
26) Anthracene	17.139	178	2892	0.050	ng	# 61
32) Benzo(a)anthracene	21.174	228	1502	0.059	ng	# 9
34) Bis(2-ethylhexyl)phtha...	21.121	149	20616	0.117	ng	97

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

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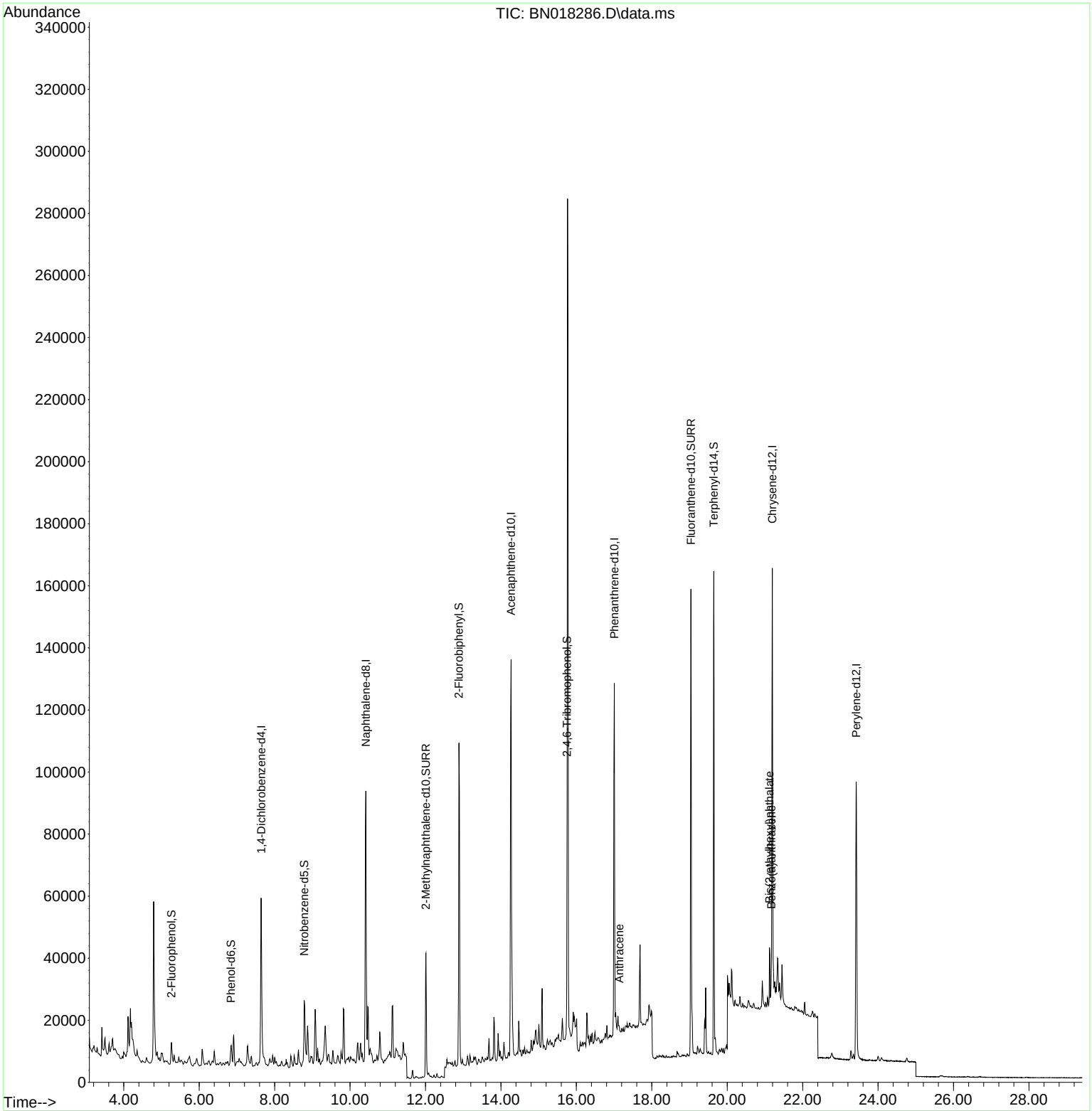
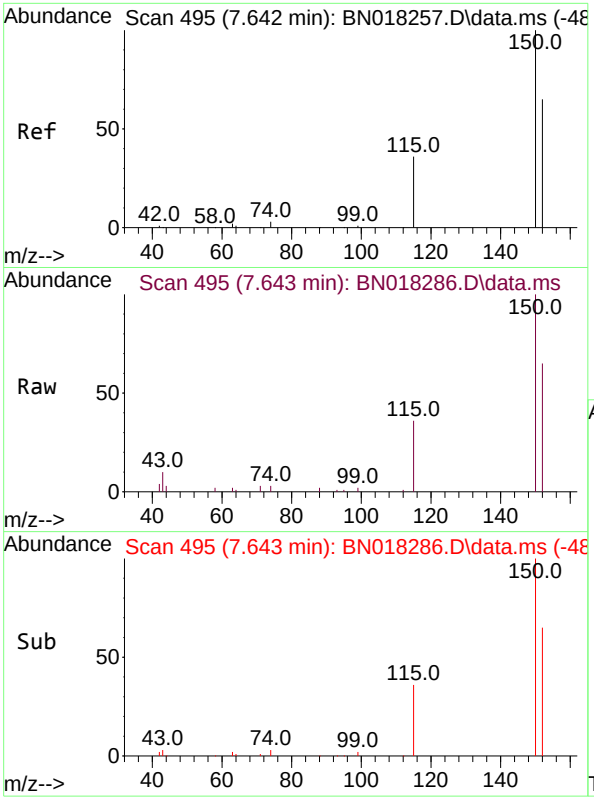


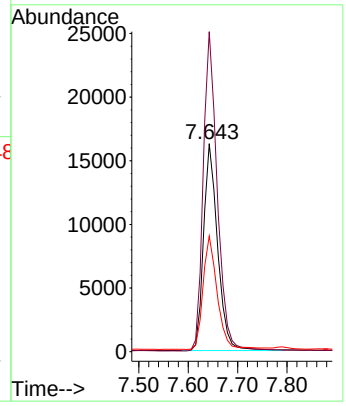


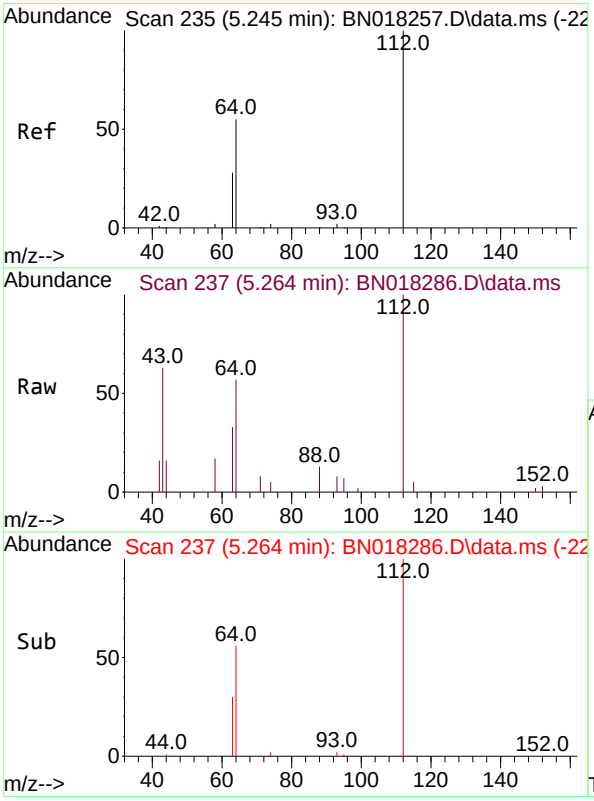
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:152 Resp: 32098

Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.7	182.5
115	55.6	43.8	65.8

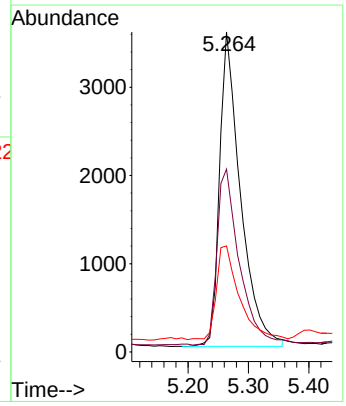


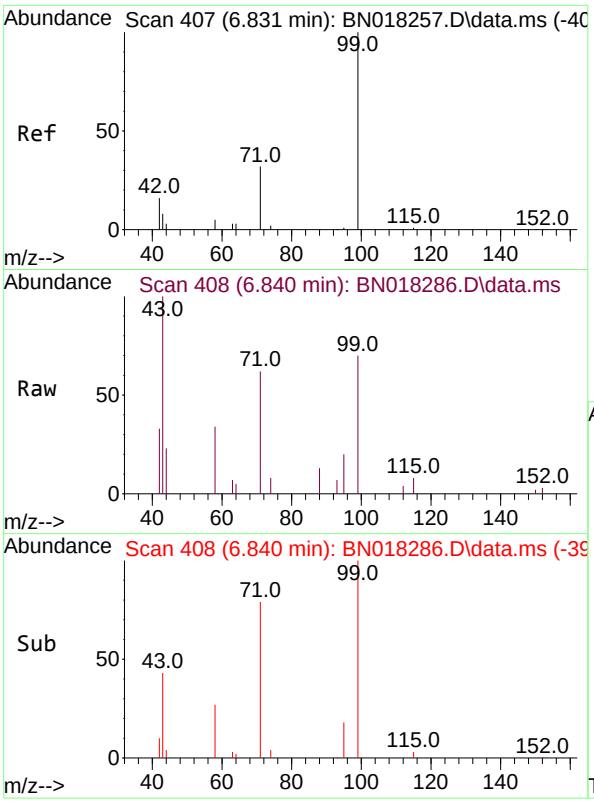


#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:112 Resp: 8576

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.0	72.0
63	31.4	25.3	37.9



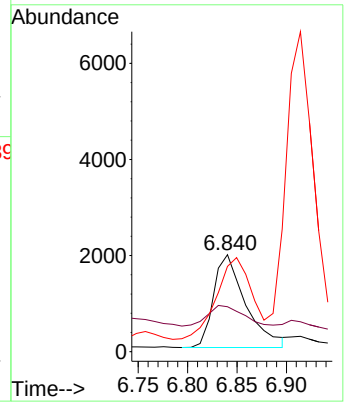


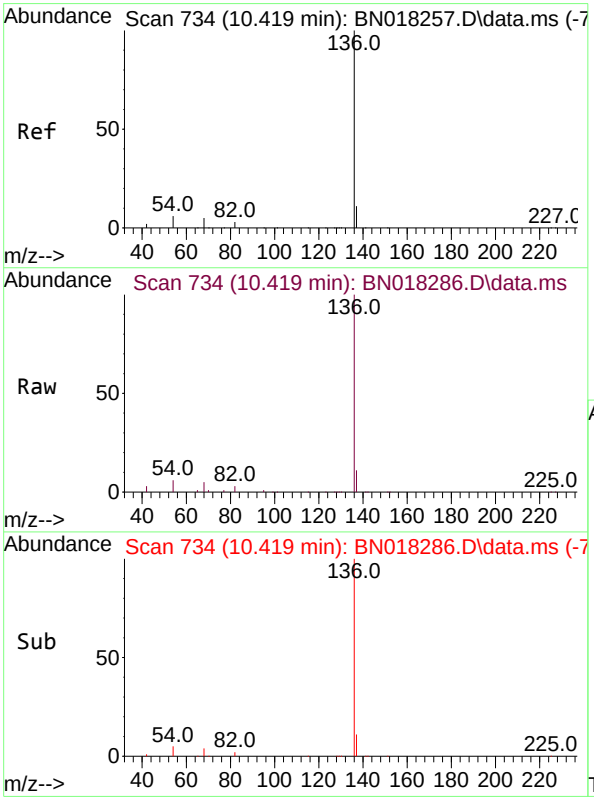
#5
Phenol-d6
Concen: 0.070 ng
RT: 6.840 min Scan# 4(
Delta R.T. 0.009 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion: 99 Resp: 4364

Ion	Ratio	Lower	Upper
99	100		
42	23.9	16.3	24.5
71	96.7	26.8	40.2#

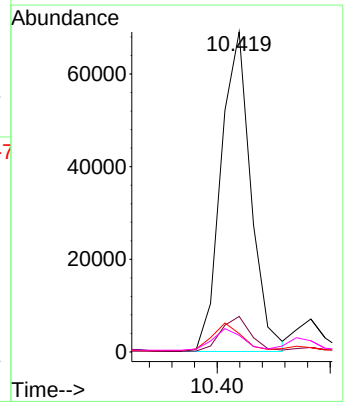


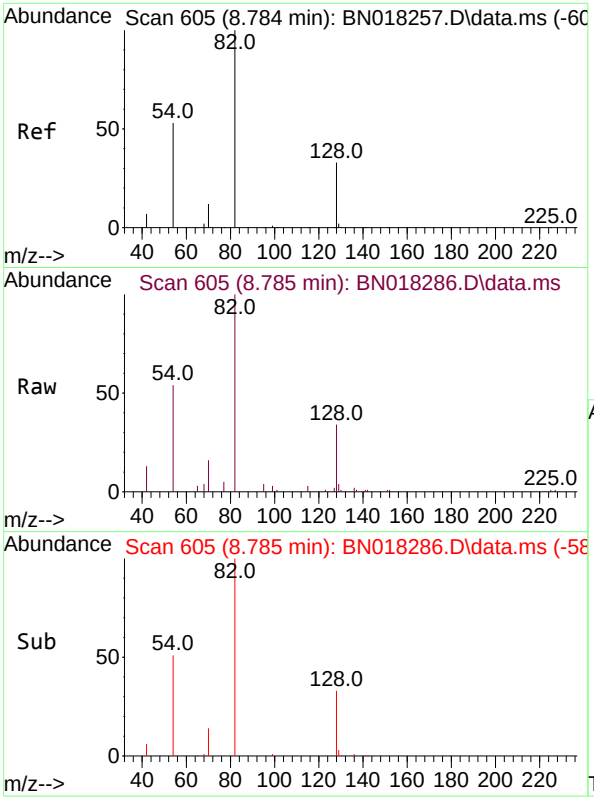


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:136 Resp: 126565

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.8	5.0	7.6
68	5.2	4.4	6.6



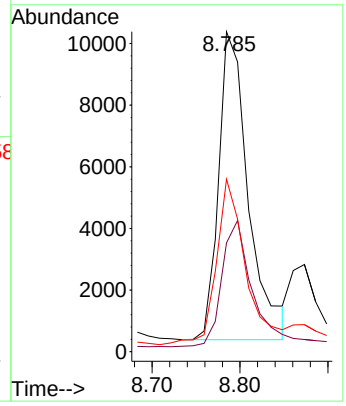


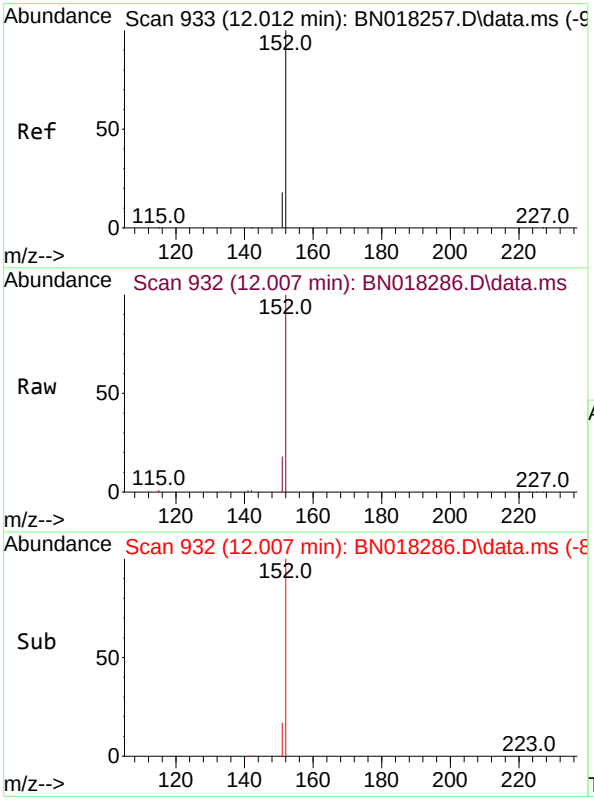
#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.785 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion: 82 Resp: 23463

Ion	Ratio	Lower	Upper
82	100		
128	34.0	33.7	50.5
54	53.9	36.6	55.0

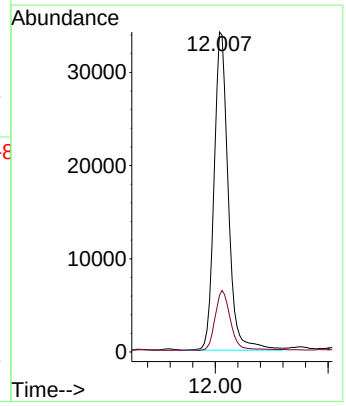


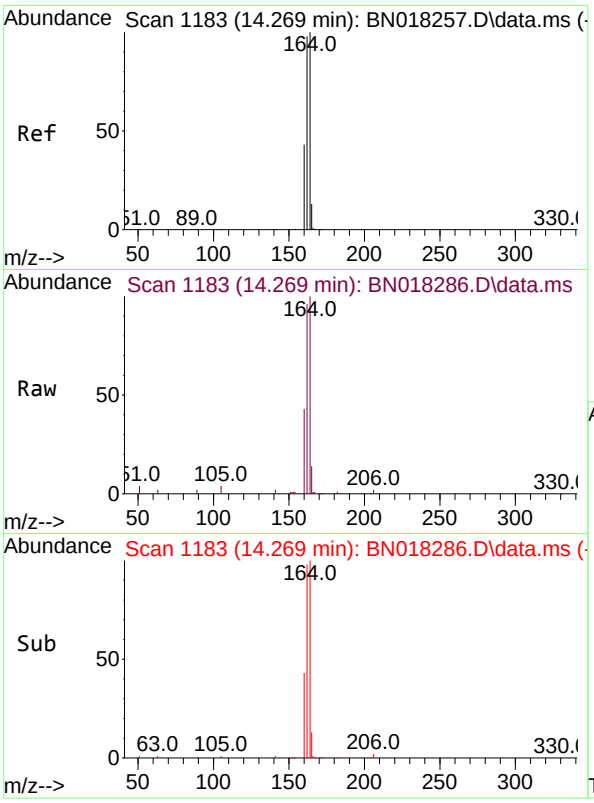


#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:152 Resp: 59590

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2



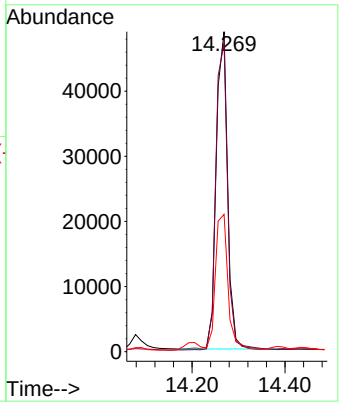


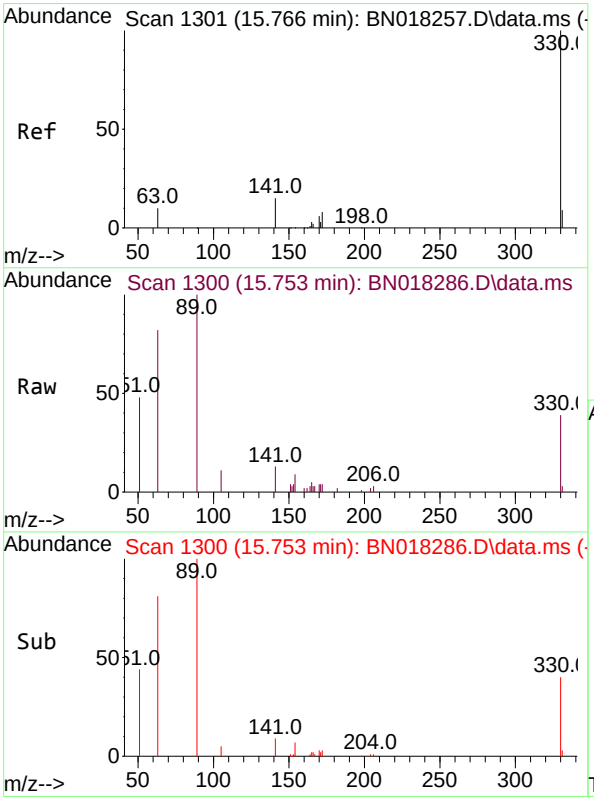
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:164 Resp: 82431

Ion	Ratio	Lower	Upper
164	100		
162	96.5	80.2	120.2
160	42.9	36.9	55.3

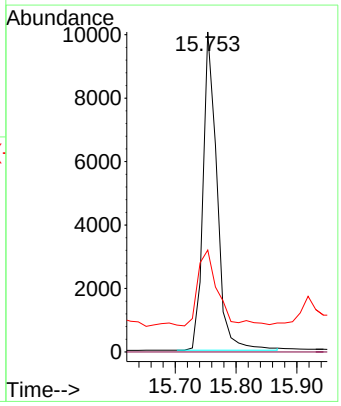


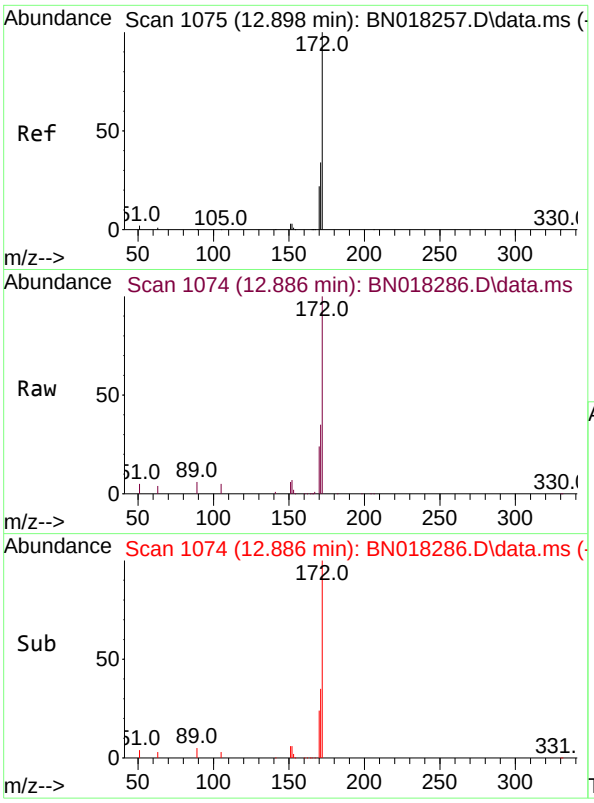


#14
2,4,6-Tribromophenol
Concen: 0.669 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:330 Resp: 16035

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.6	21.3	31.9#



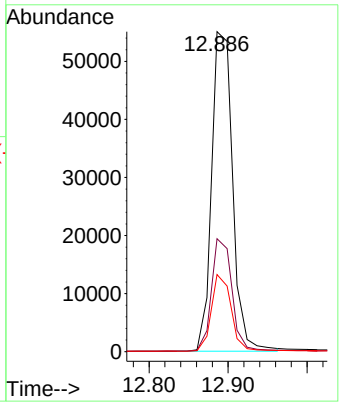


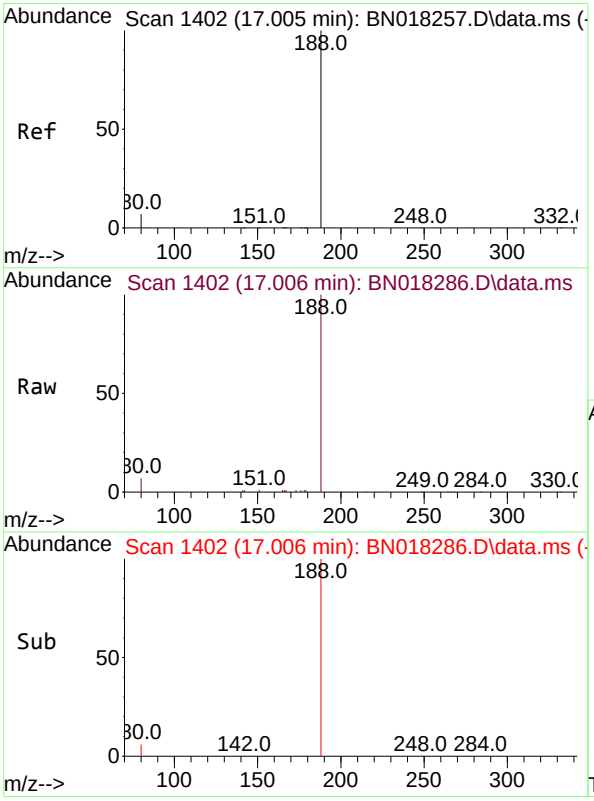
#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.886 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:172 Resp: 101499

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	24.1	18.4	27.6

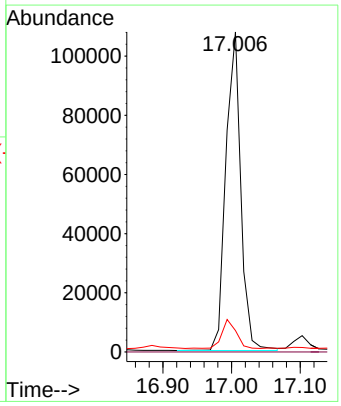


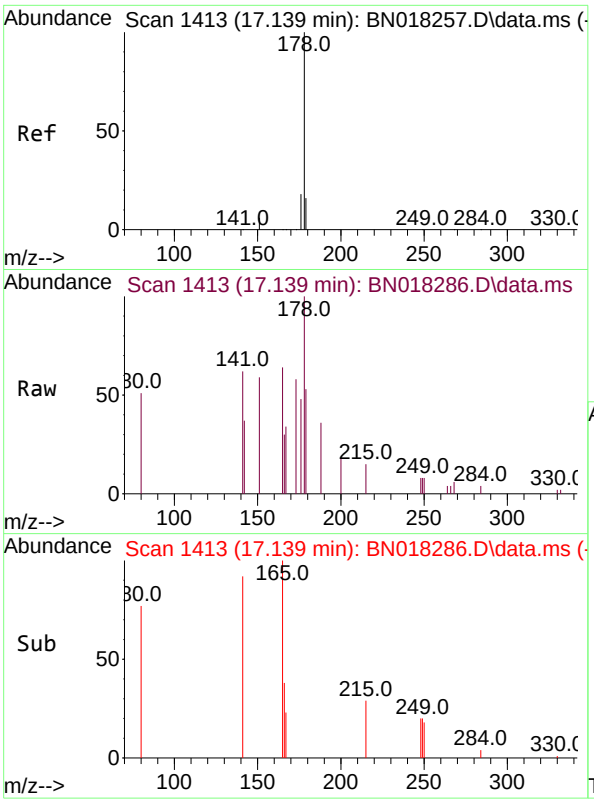


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.001 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:188 Resp: 162439

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	7.0	10.4#



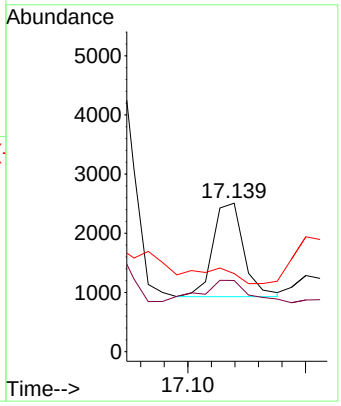


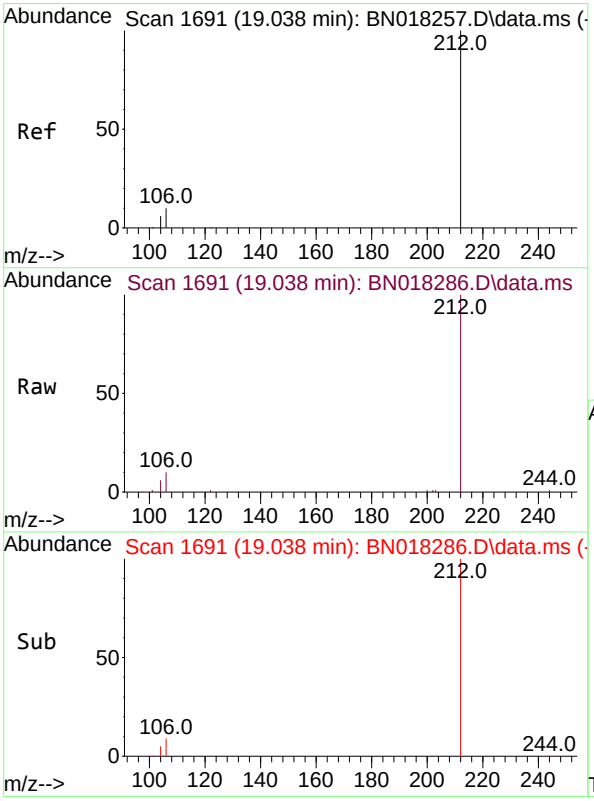
#26
Anthracene
Concen: 0.050 ng
RT: 17.139 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:178 Resp: 2892

Ion	Ratio	Lower	Upper
178	100		
176	36.7	14.8	22.2#
179	0.0	12.2	18.4#

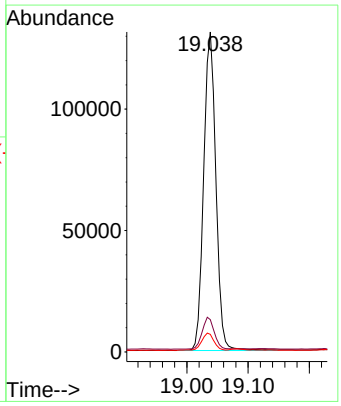


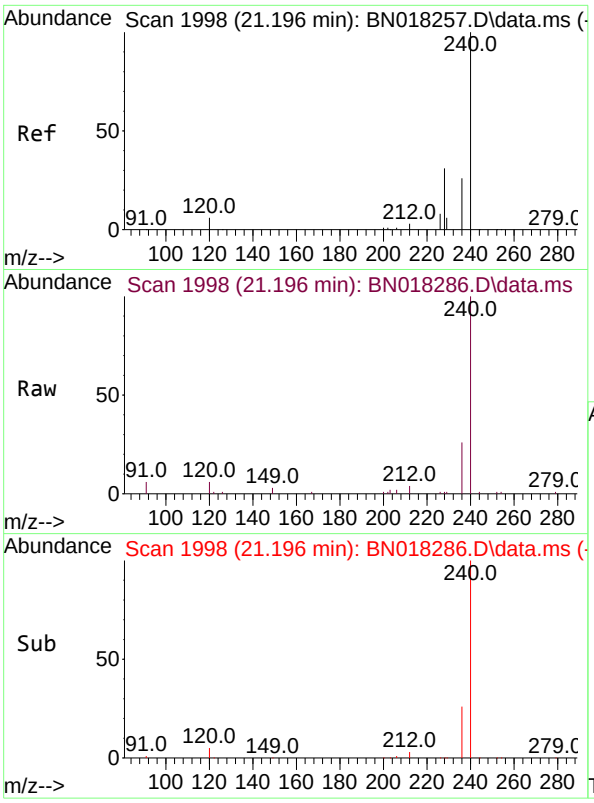


#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.038 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:212 Resp: 181216

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.4	12.6
104	5.5	4.5	6.7



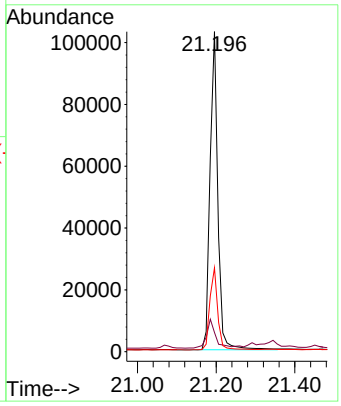


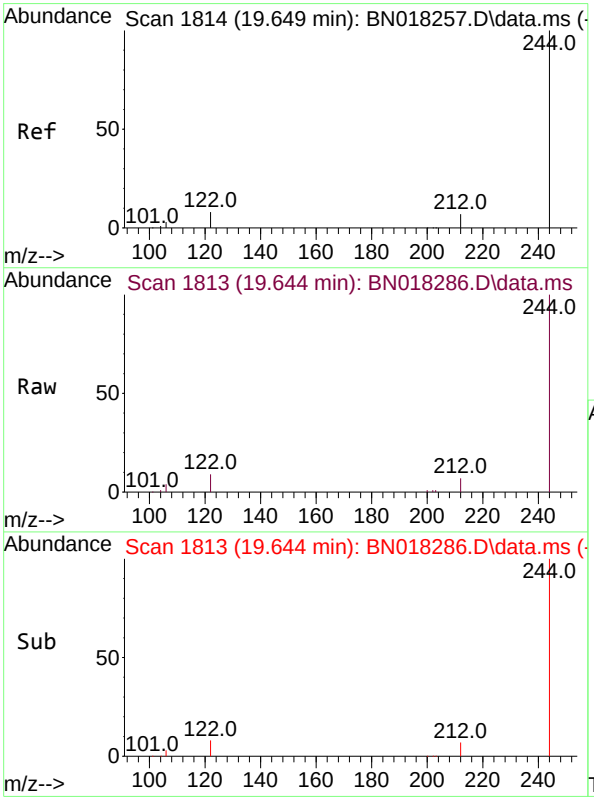
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:240 Resp: 141391

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.0	9.0
236	26.2	21.4	32.2

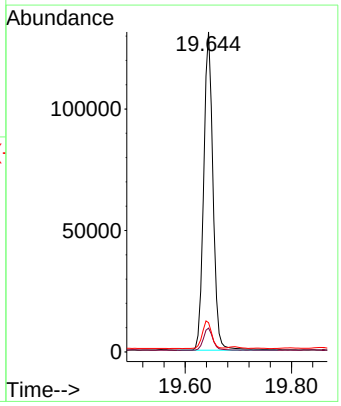


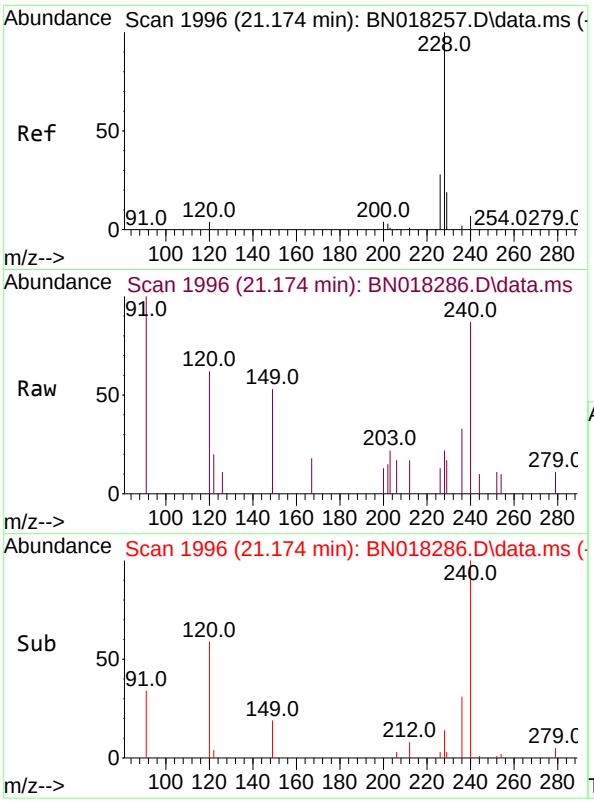


#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:244 Resp: 159410

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.2	7.9	11.9



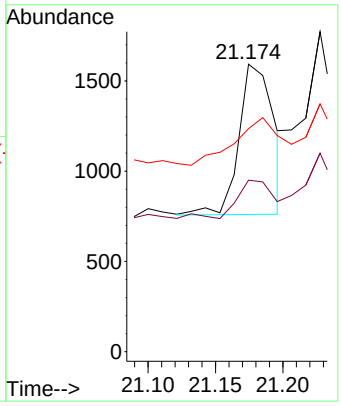


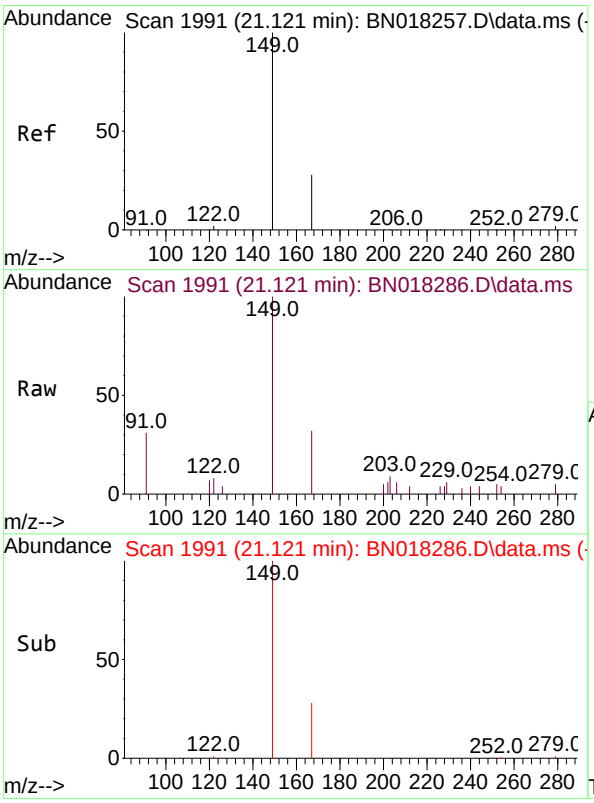
#32
Benzo(a)anthracene
Concen: 0.059 ng
RT: 21.174 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:228 Resp: 1502

Ion	Ratio	Lower	Upper
228	100		
226	59.6	21.3	31.9#
229	77.6	15.9	23.9#

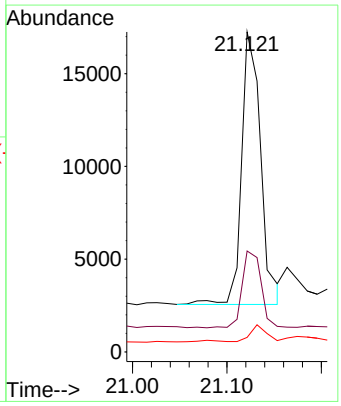


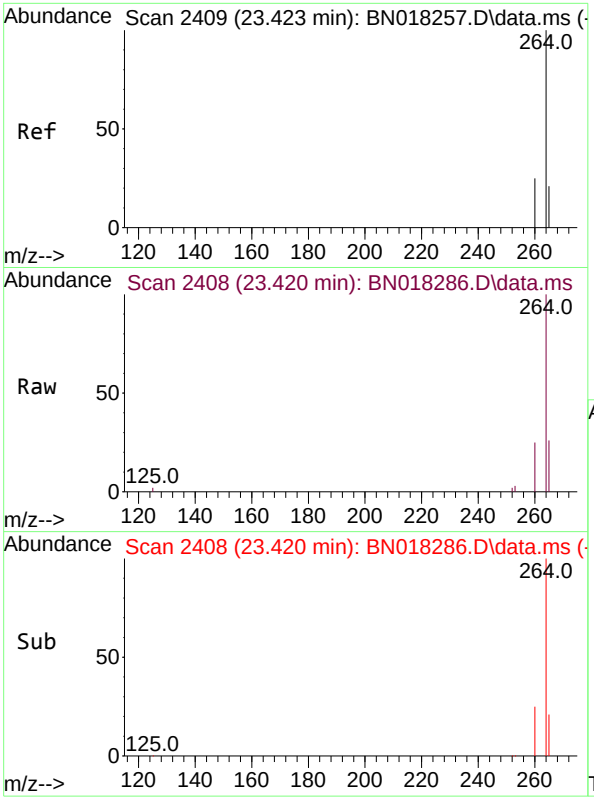


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Tgt Ion:149 Resp: 20616

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.7	35.5
279	5.0	3.6	5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018286.D
Acq: 30 Dec 2021 07:25

Instrument :
BNA_N
ClientSampleId :
MW-50DA

Tgt Ion:264 Resp: 122763

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	26.2	18.2	27.2