Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
Data File : BN012135.D
Acq On : 09 Oct 2020 22:43
Operator : CG/JU
Sample : L4342-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

Quant Time: Oct 10 01:58:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 18:10:29 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	2152	0.40	ng	0.00
7) Naphthalene-d8	10.415	136	8729	0.40	ng	# 0.00
13) Acenaphthene-d10	14.268	164	4943	0.40	ng	-0.01
19) Phenanthrene-d10	17.029	188	10425	0.40	ng	# 0.00
29) Chrysene-d12	21.227	240	12017	0.40	ng	# 0.00
36) Perylene-d12	23.425	264	12652	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.243	112	2815	0.37	ng	0.00
5) Phenol-d6	6.813	99	3474	0.37	ng	0.00
8) Nitrobenzene-d5	8.780	82	3662	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	5426	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	1150	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	7333	0.39	ng	0.00
27) Fluoranthene-d10	19.062	212	12568	0.41	ng	0.00
31) Terphenyl-d14	19.668	244	12318	0.45	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.092	202	760	0.02	ng	# 35
30) Pyrene	19.459	202	960	0.02	ng	97
32) Benzo(a)anthracene	21.216	228	1026	0.03	ng	# 80
33) Chrysene	21.258	228	1240	0.03	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.152	149	18083	0.66	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
Data File : BN012135.D
Acq On : 09 Oct 2020 22:43
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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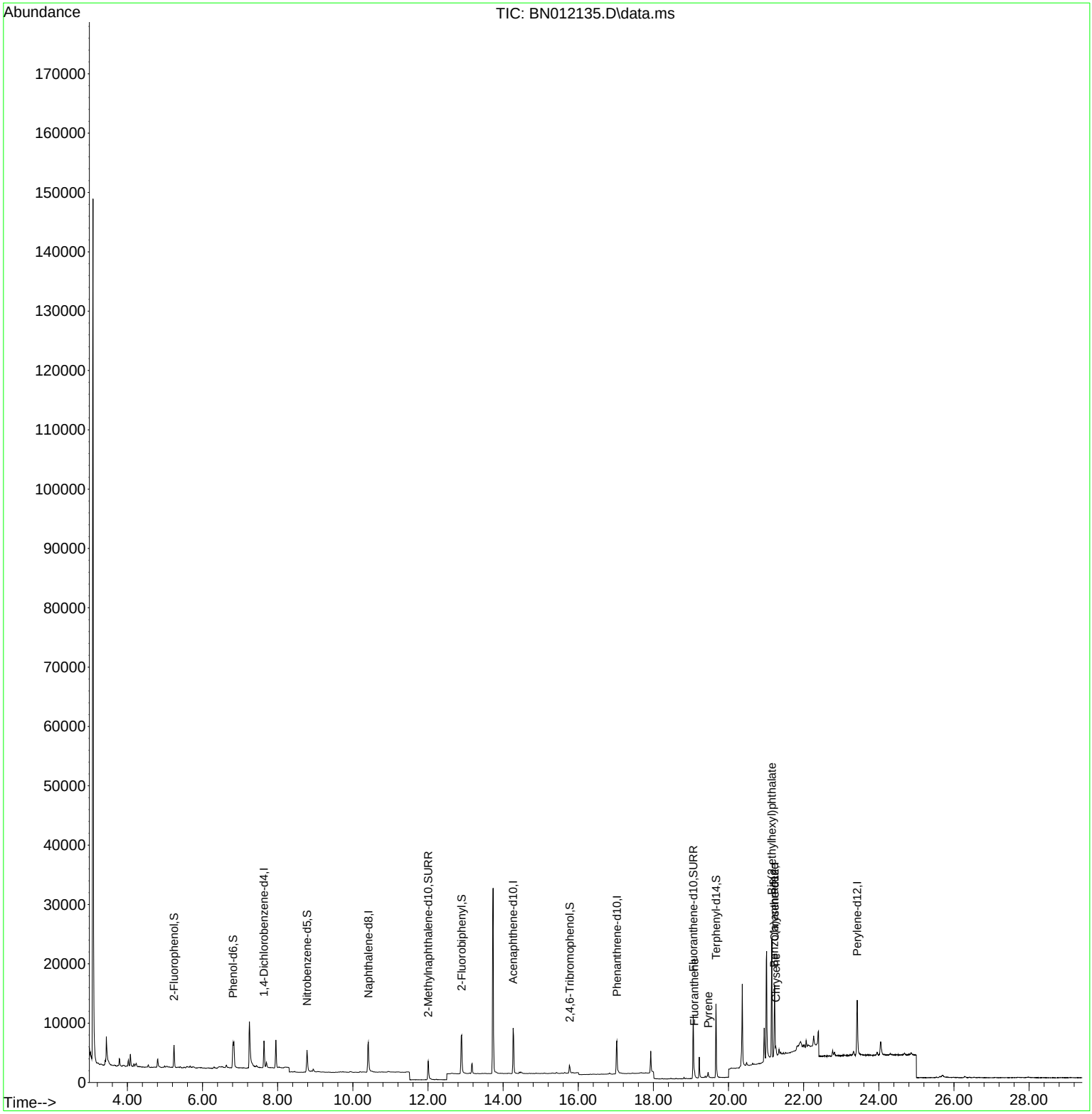
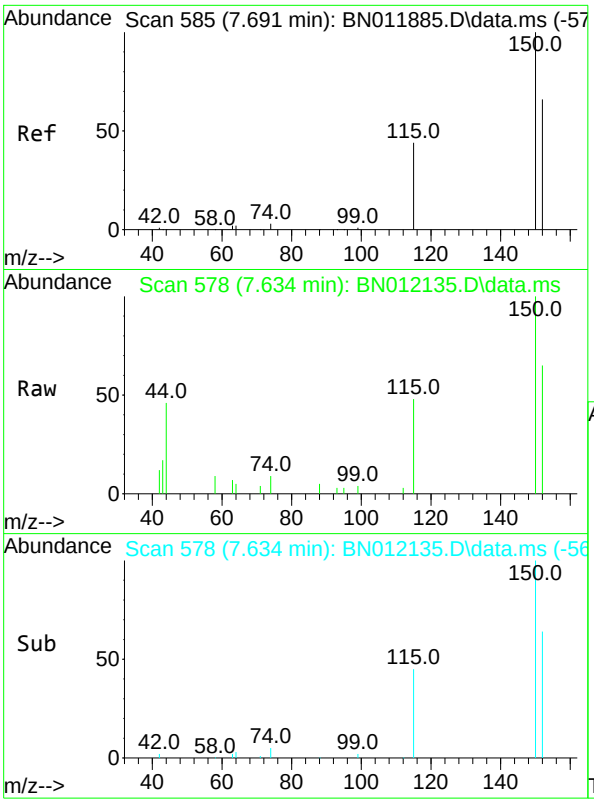
BACKFILLOFFSITE-2-SO-2

Quant Time: Oct 10 01:58:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 18:10:29 2020
Response via : Initial Calibration



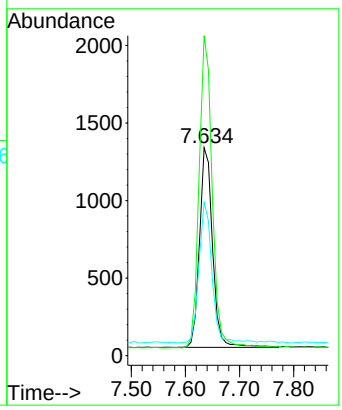
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

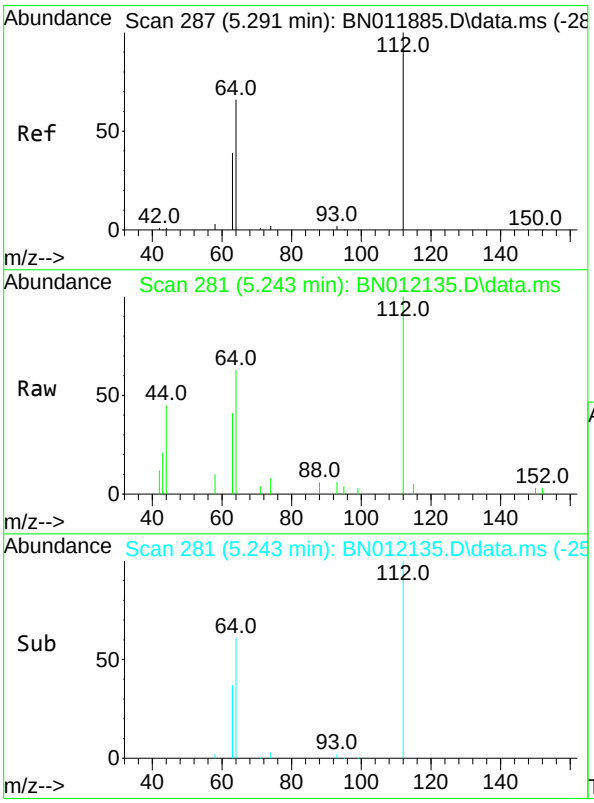


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.634 min Scan# 578
Delta R.T. -0.008 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:152 Resp: 2152

Ion	Ratio	Lower	Upper
152	100		
150	153.8	118.3	177.5
115	73.8	51.3	76.9

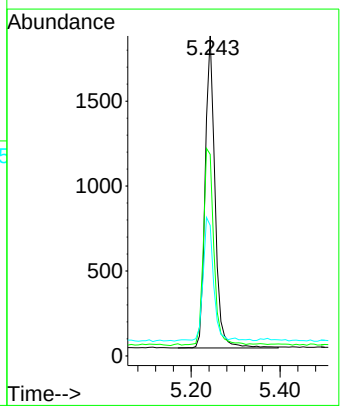


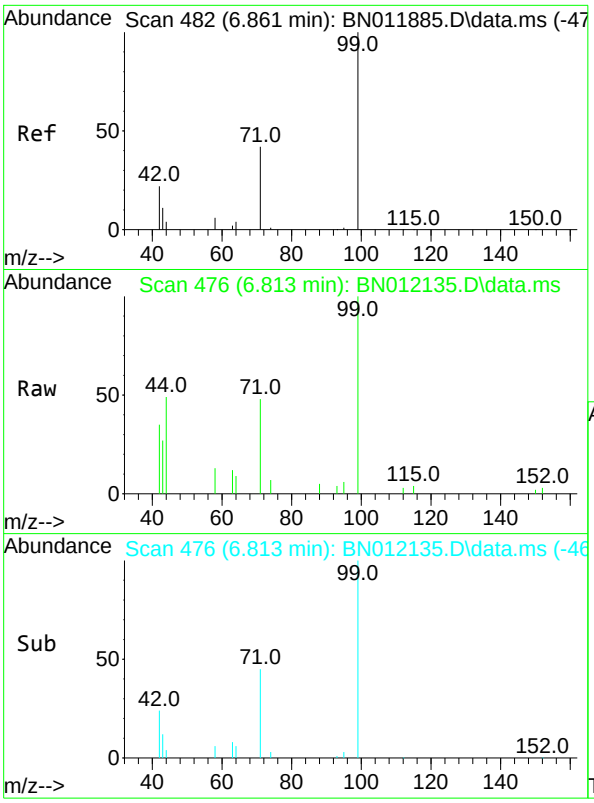


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.243 min Scan# 281
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:112 Resp: 2815

Ion	Ratio	Lower	Upper
112	100		
64	66.4	49.0	73.6
63	41.9	31.8	47.6

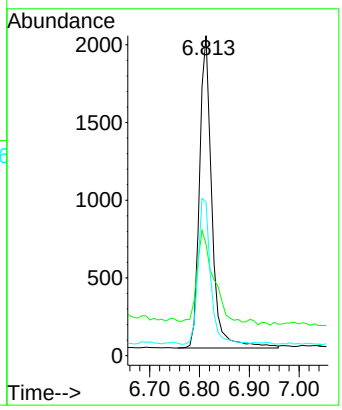




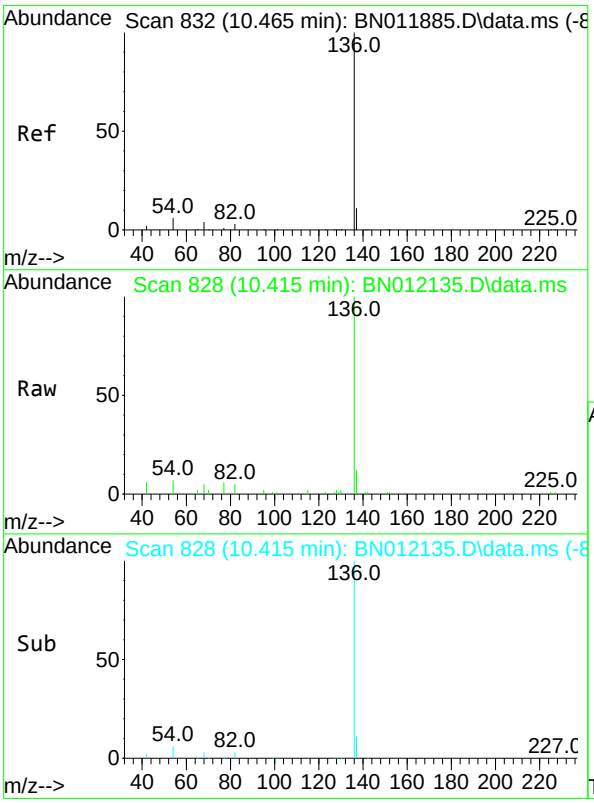
#5
Phenol-d6
Concen: 0.37 ng
RT: 6.813 min Scan# 476
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion: 99 Resp: 3474

Ion	Ratio	Lower	Upper
99	100		
42	37.9	23.4	35.0#
71	47.3	38.1	57.1



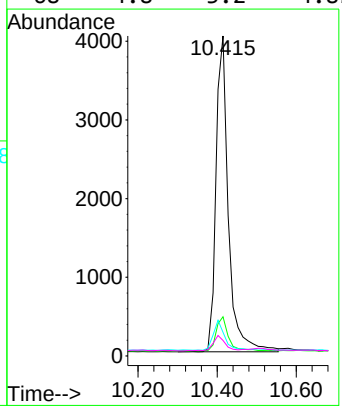
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2



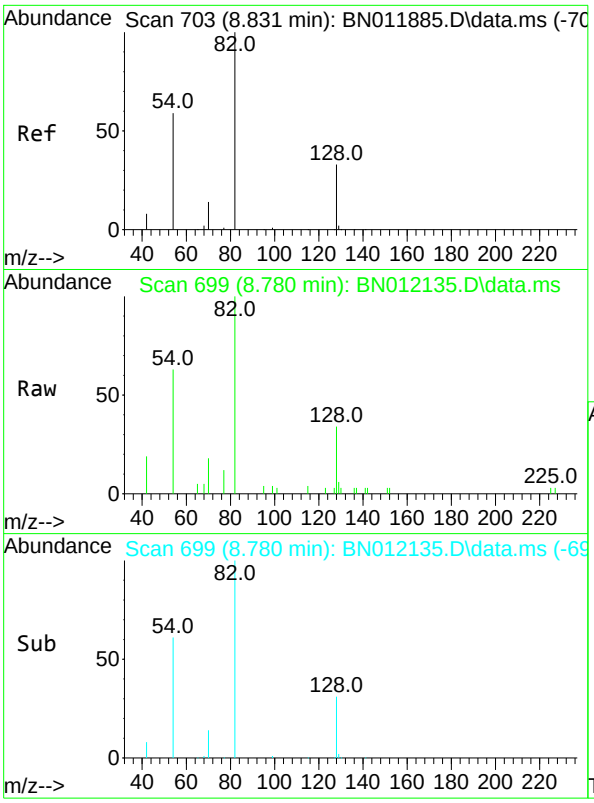
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.415 min Scan# 828
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:136 Resp: 8729

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	7.4	5.6	8.4
68	4.8	3.2	4.8#



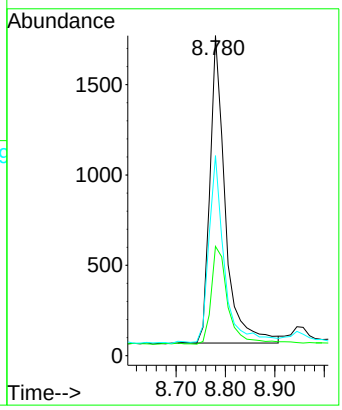
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

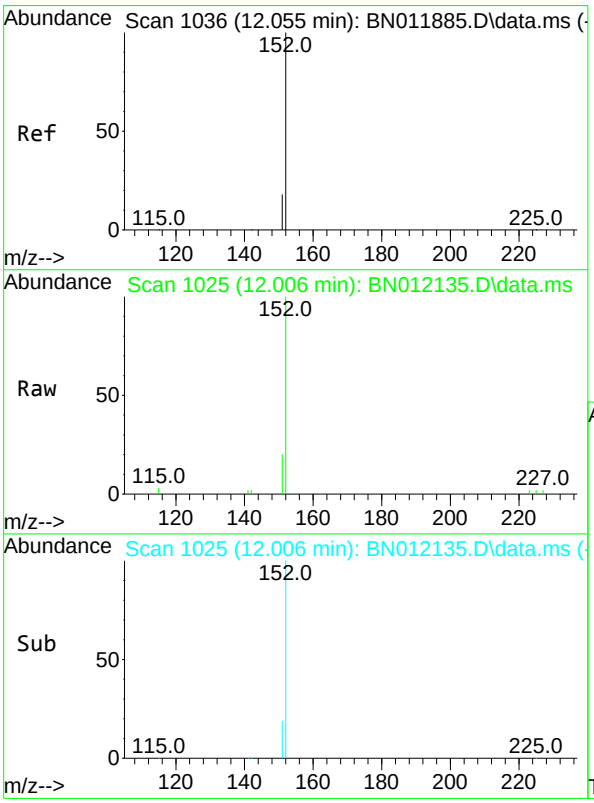


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.780 min Scan# 699
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion: 82 Resp: 3662

Ion	Ratio	Lower	Upper
82	100		
128	34.2	34.2	51.2
54	62.5	43.1	64.7

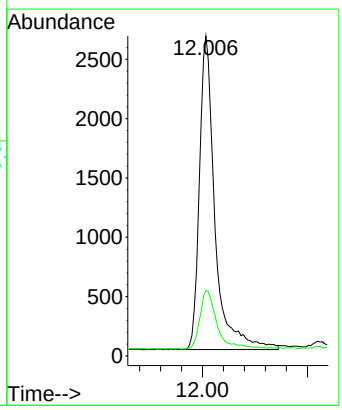




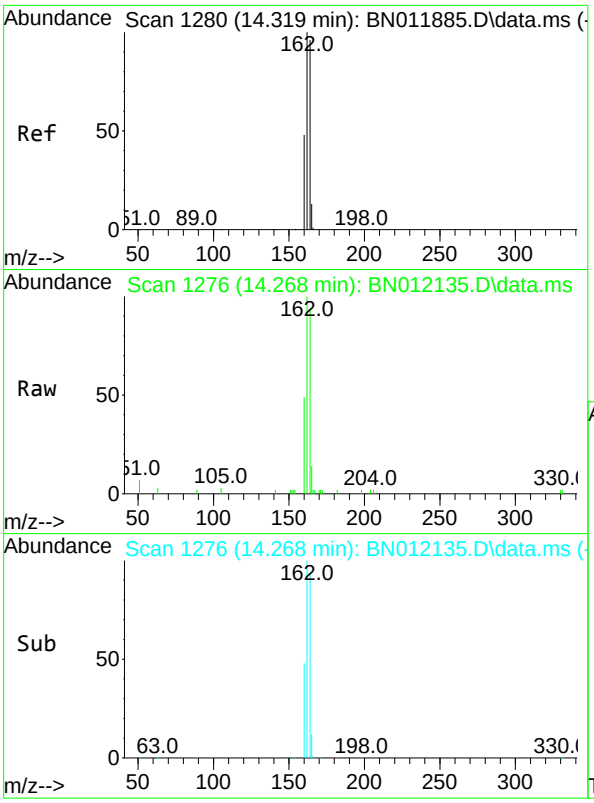
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.006 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:152 Resp: 5426

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1



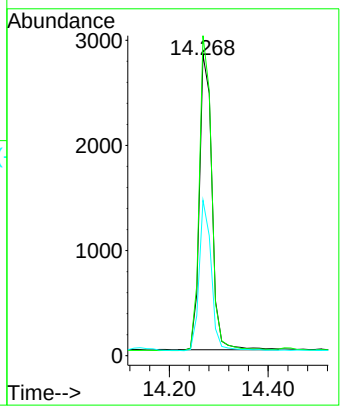
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

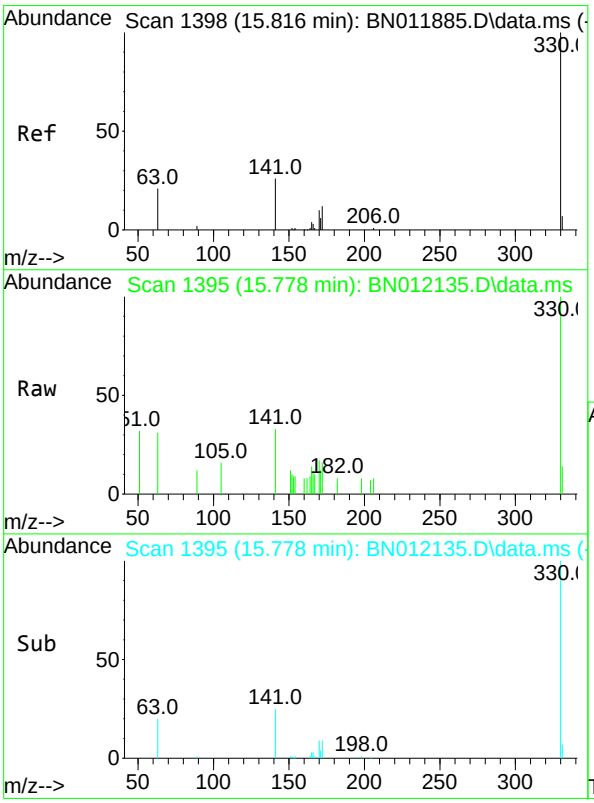


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.268 min Scan# 1276
Delta R.T. -0.013 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:164 Resp: 4943

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.6	125.4
160	51.6	41.2	61.8

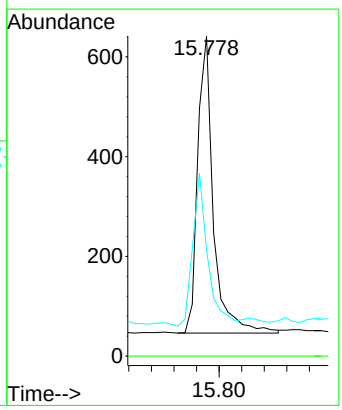


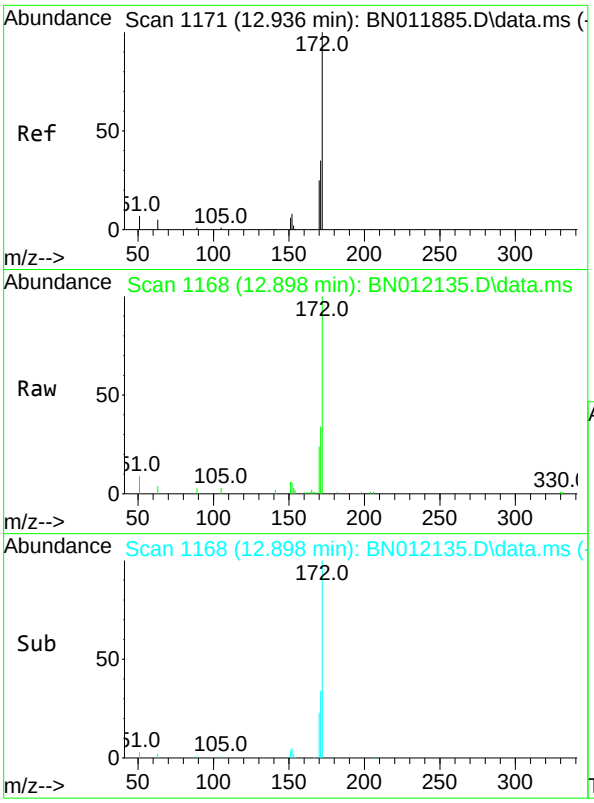


#14
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 15.778 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:330 Resp: 1150

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.3	33.7	50.5

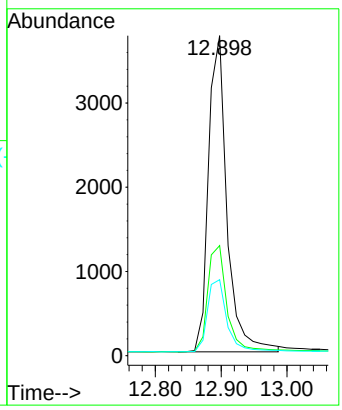




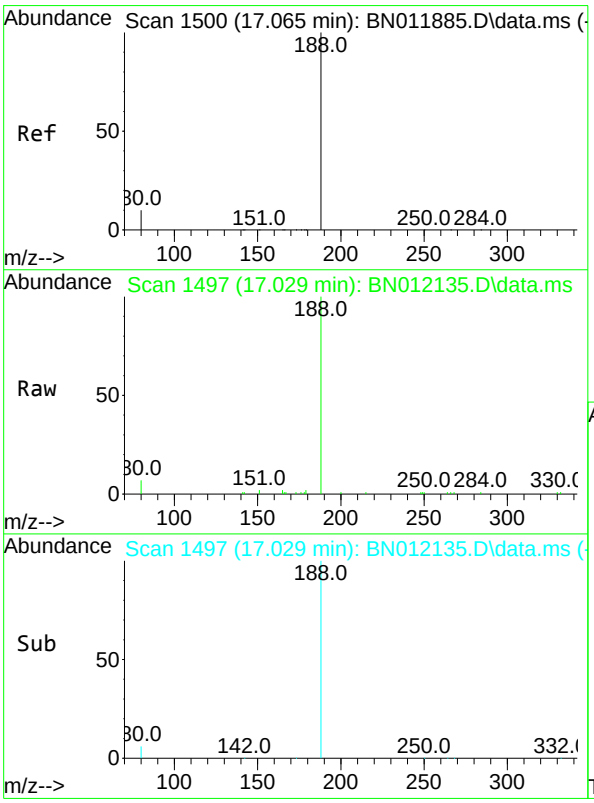
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.898 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:172 Resp: 7333

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	23.8	17.8	26.6



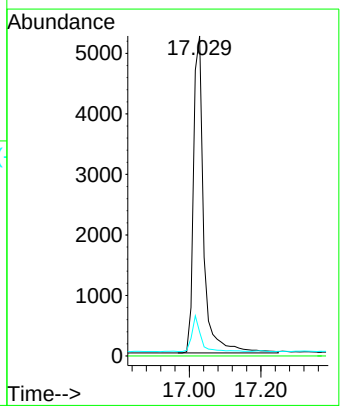
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2



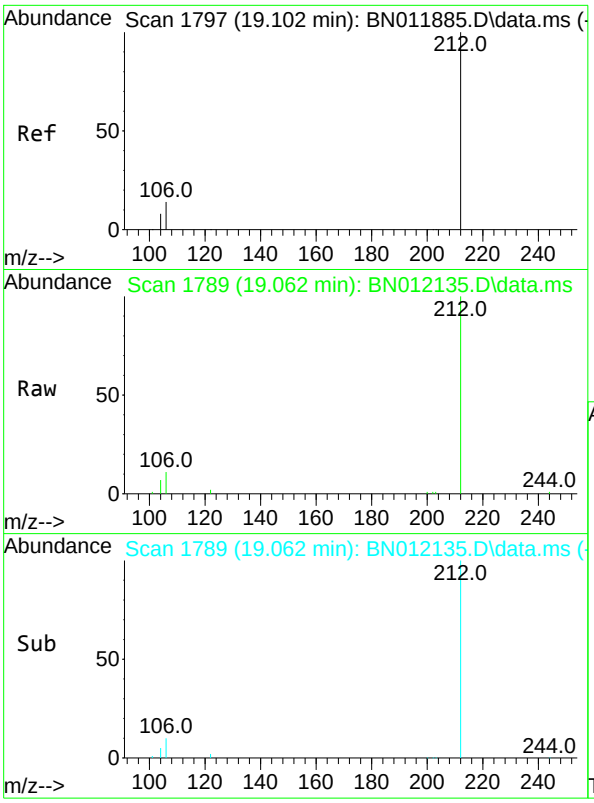
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.029 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:188 Resp: 10425

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.7	11.5#



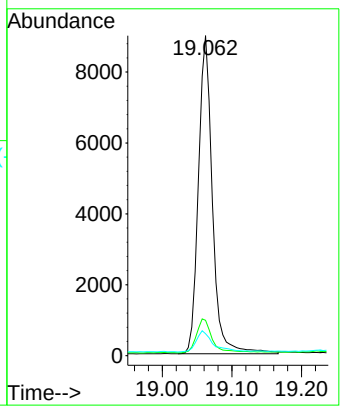
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

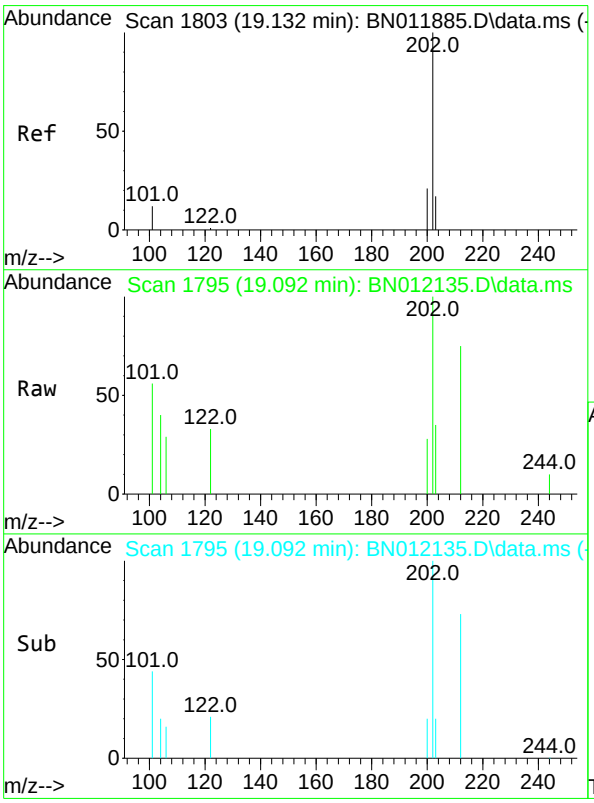


#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.062 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:212 Resp: 12568

Ion	Ratio	Lower	Upper
212	100		
106	12.0	6.4	9.6#
104	8.1	3.9	5.9#

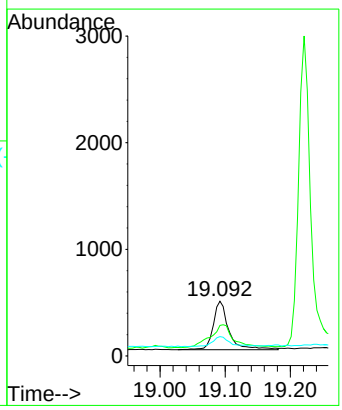




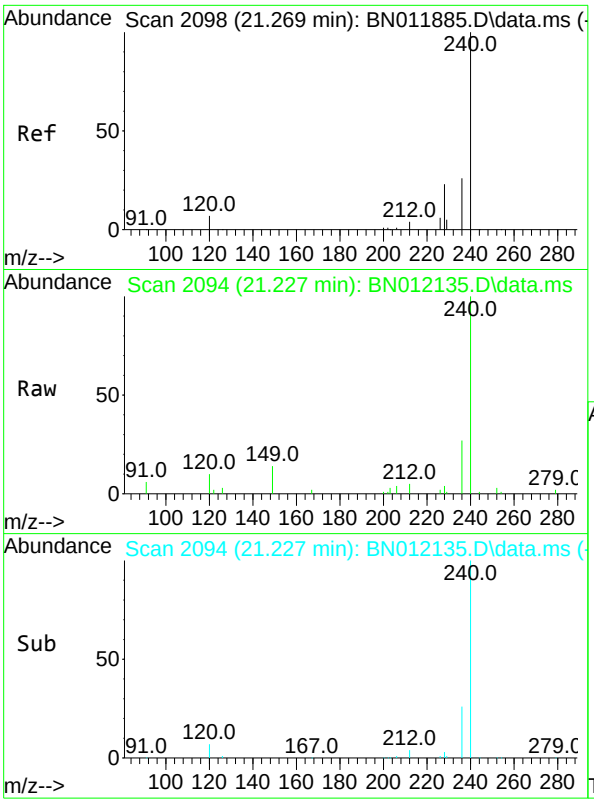
#28
Fluoranthene
Concen: 0.02 ng
RT: 19.092 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:202 Resp: 760

Ion	Ratio	Lower	Upper
202	100		
101	73.3	5.4	8.2#
203	23.2	13.8	20.6#



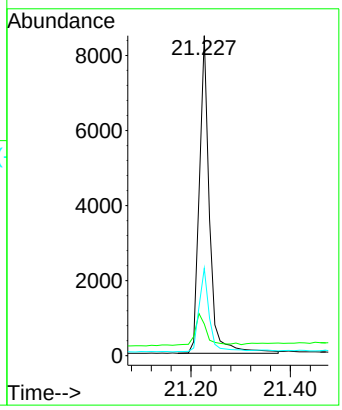
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

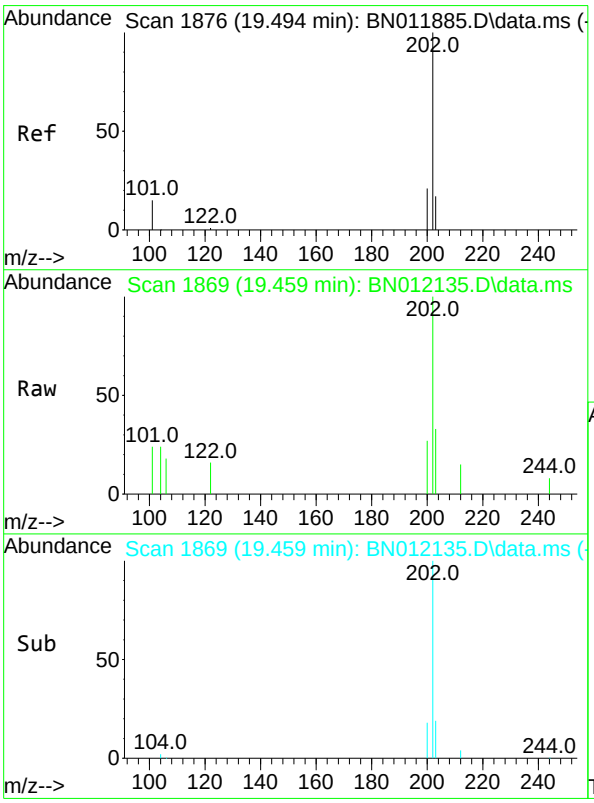


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:240 Resp: 12017

Ion	Ratio	Lower	Upper
240	100		
120	9.9	3.5	5.3#
236	27.3	20.5	30.7

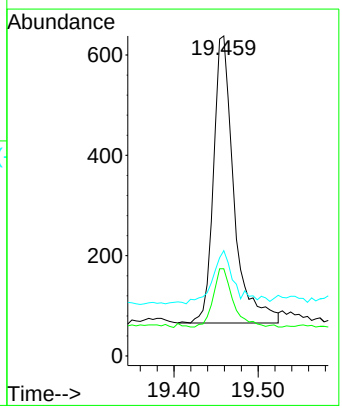




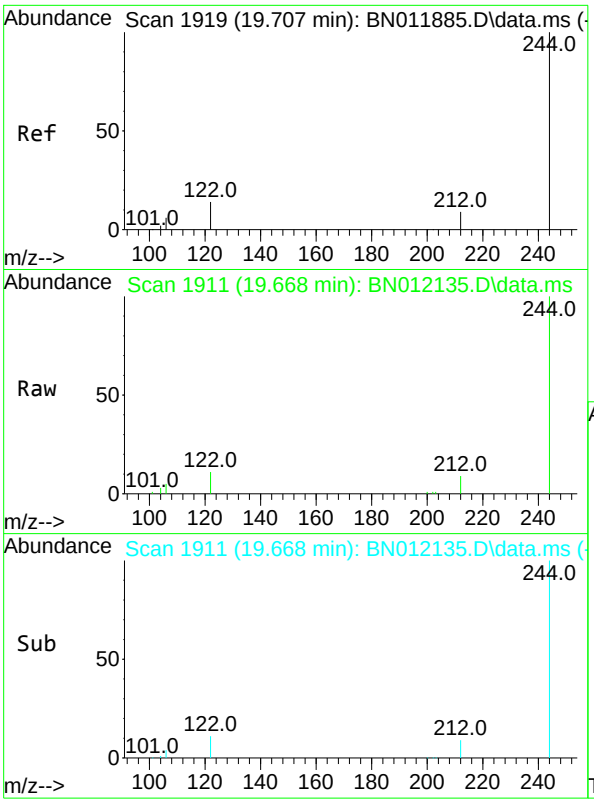
#30
Pyrene
Concen: 0.02 ng
RT: 19.459 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:202 Resp: 960

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	19.2	13.9	20.9



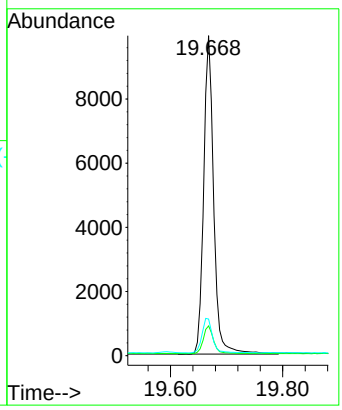
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

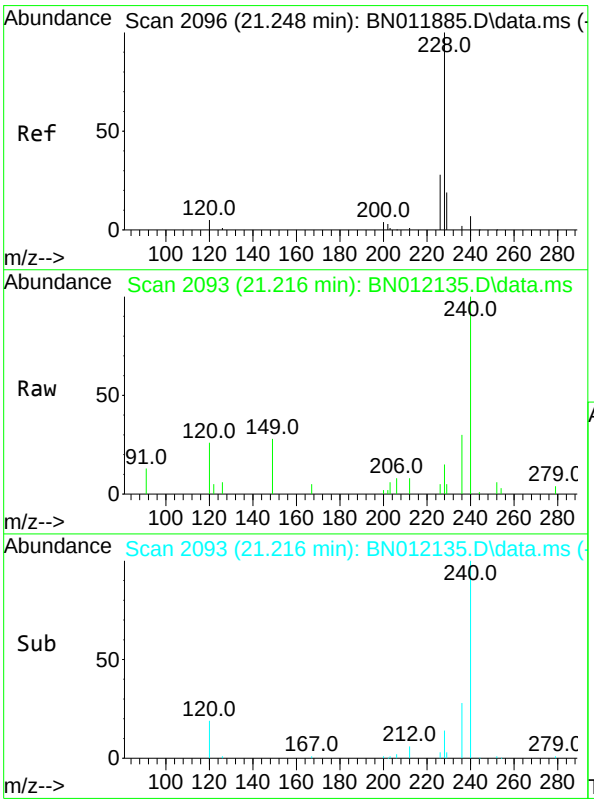


#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.668 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:244 Resp: 12318

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	11.4	7.8	11.6

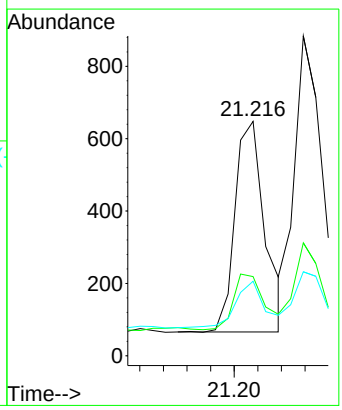




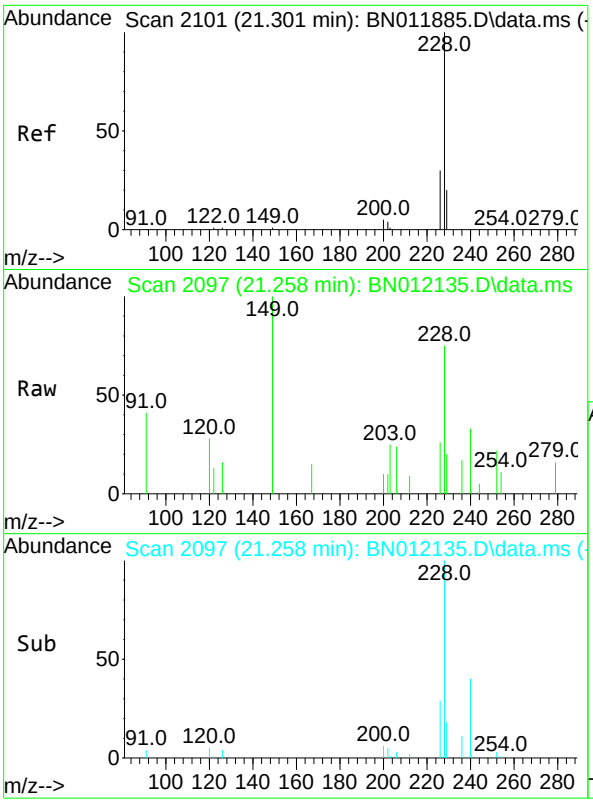
#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:228 Resp: 1026

Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.0	31.4#
229	31.8	16.0	24.0#



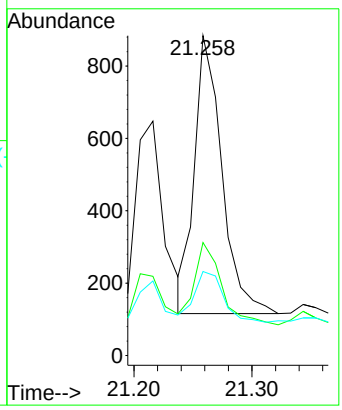
Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2

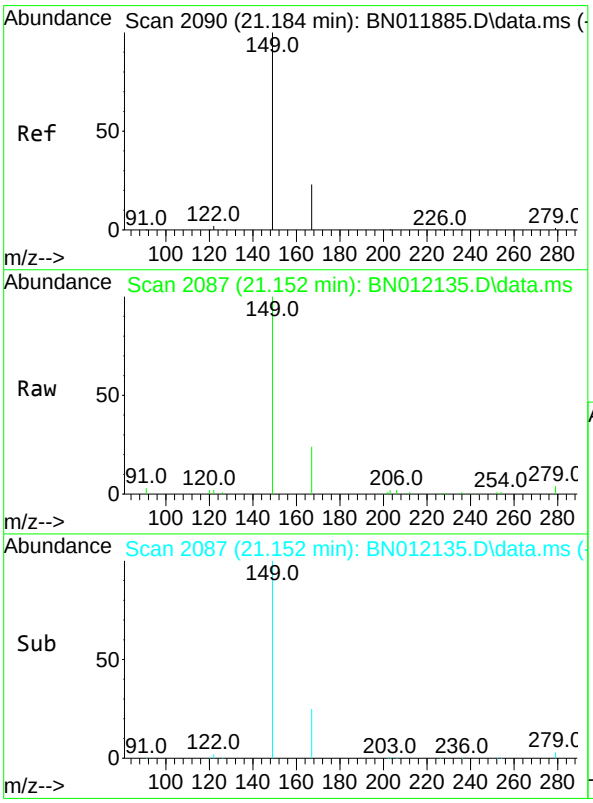


#33
Chrysene
Concen: 0.03 ng
RT: 21.258 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:228 Resp: 1240

Ion	Ratio	Lower	Upper
228	100		
226	35.3	23.3	34.9#
229	26.2	15.8	23.8#

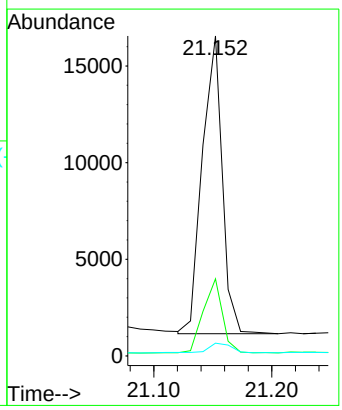


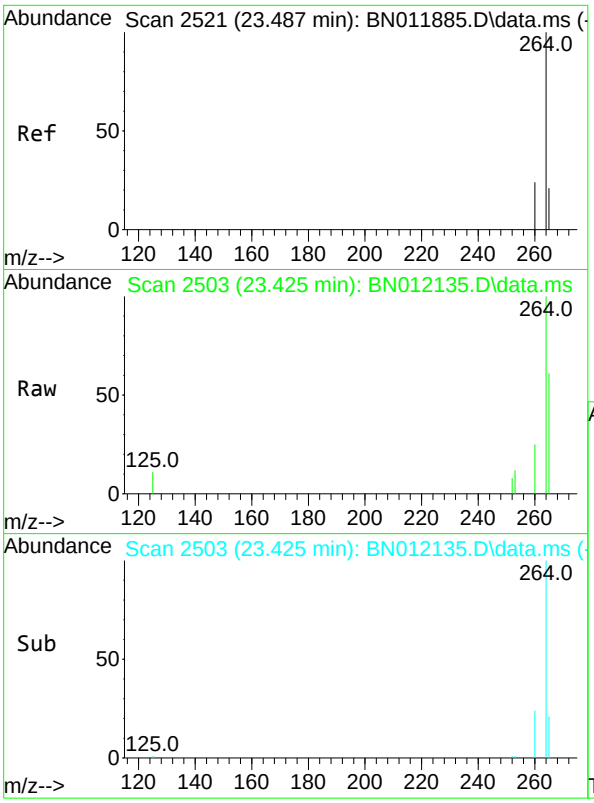


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.66 ng
RT: 21.152 min Scan# 2087
Delta R.T. 0.000 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:149 Resp: 18083

Ion	Ratio	Lower	Upper
149	100		
167	23.8	23.6	35.4
279	3.5	4.0	6.0#

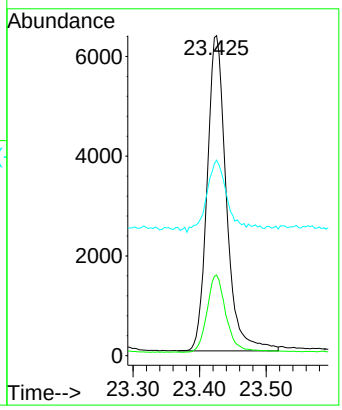




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.425 min Scan# 2503
Delta R.T. -0.007 min
Lab File: BN012135.D
Acq: 09 Oct 2020 22:43

Tgt Ion:264 Resp: 12652

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	61.1	38.6	58.0#



Instrument :
BNA_N
ClientSampleId :
BACKFILLOFFSITE-2-SO-2