

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127526.D
 Acq On : 25 Mar 2022 14:15
 Operator : CG\JU
 Sample : N2103-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20019

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 25 17:26:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89945	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	327804	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	193565	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	348584	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	212370	20.000	ng	0.00
86) Perylene-d12	15.509	264	185409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	576547	102.318	ng	0.00
7) Phenol-d6	6.487	99	777958	101.002	ng	0.00
23) Nitrobenzene-d5	7.416	82	521658	68.024	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	199537	96.770	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	876402	66.115	ng	0.00
79) Terphenyl-d14	12.963	244	937293	72.250	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.404	178	57429	3.160	ng	99
75) Fluoranthene	12.592	202	103821	5.194	ng	98
78) Pyrene	12.827	202	91934	5.044	ng	98
81) Benzo(a)anthracene	14.015	228	38538	2.714	ng	97
83) Chrysene	14.051	228	33919	2.522	ng	96
88) Benzo(b)fluoranthene	15.080	252	36558m	3.127	ng	
90) Benzo(a)pyrene	15.451	252	26330	2.744	ng	97

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

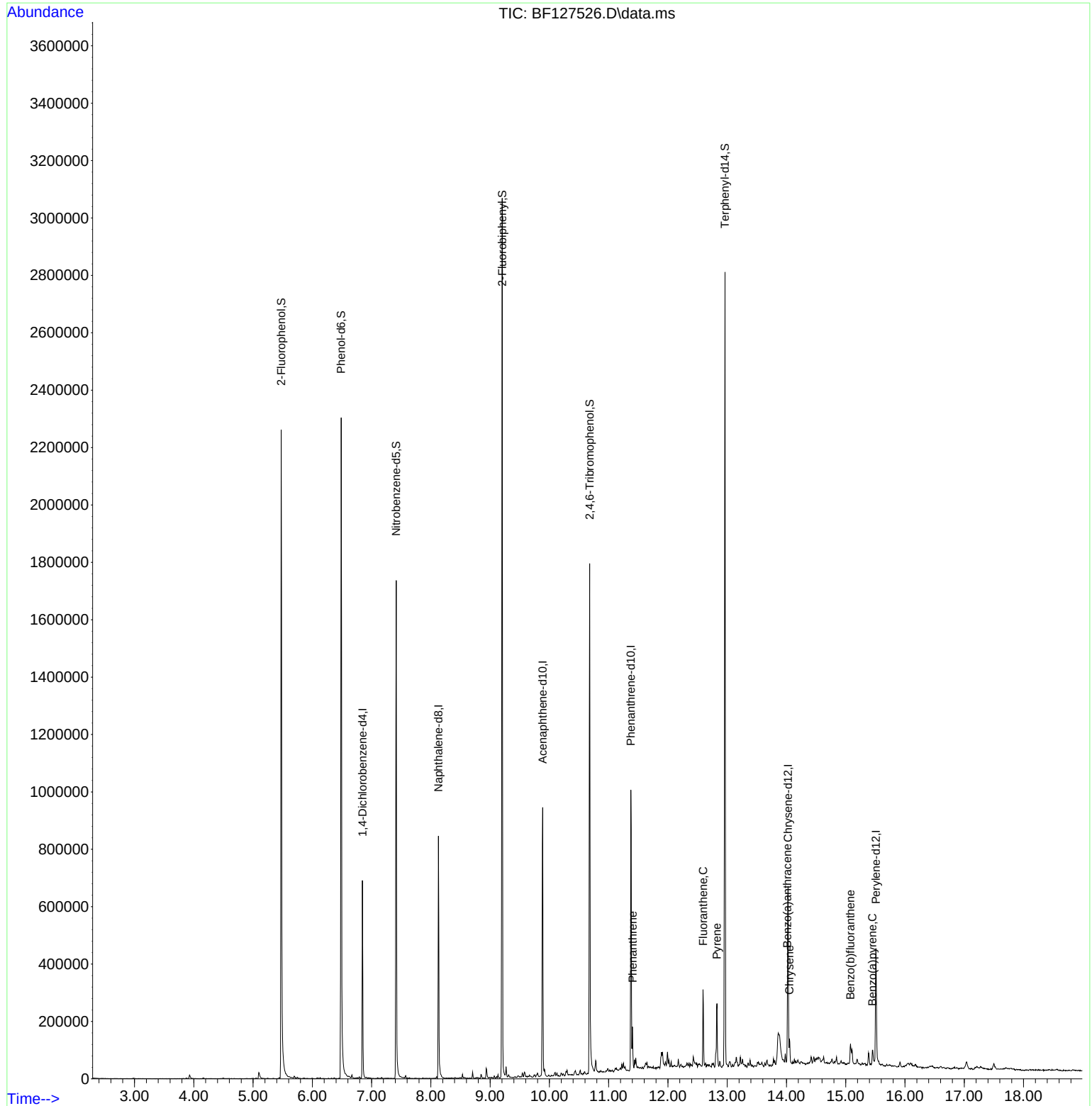
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127526.D
Acq On : 25 Mar 2022 14:15
Operator : CG\JU
Sample : N2103-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

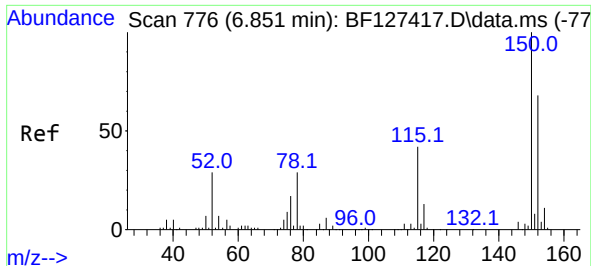
Instrument :
BNA_F
ClientSampleId :
CHRT-20019

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/28/2022
Supervised By : Jagrut Upadhyay 03/28/2022

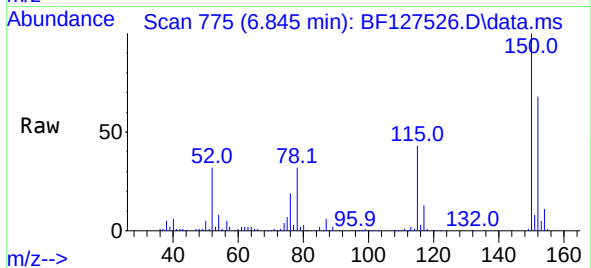
Quant Time: Mar 25 17:26:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

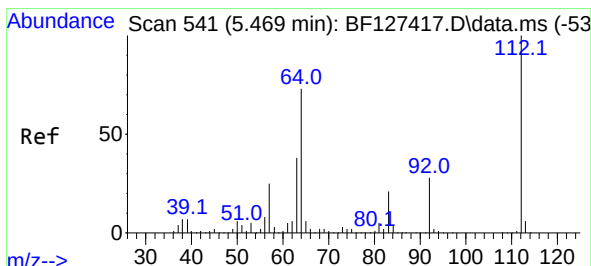
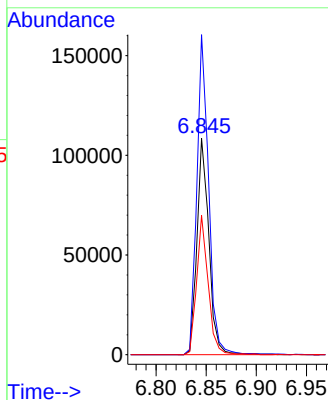
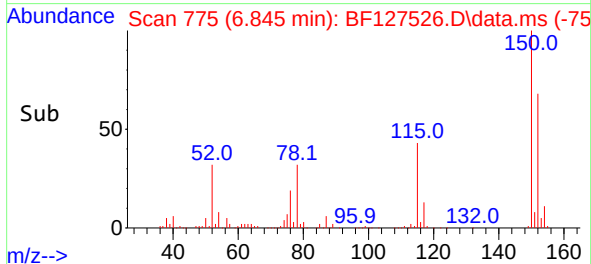
Instrument :
BNA_F
ClientSampleId :
CHRT-20019



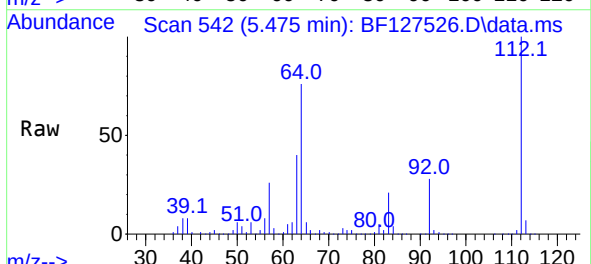
Tgt Ion:152 Resp: 8994
Ion Ratio Lower Upper
152 100
150 147.9 117.2 175.8
115 64.3 49.8 74.6

Manual Integrations
APPROVED

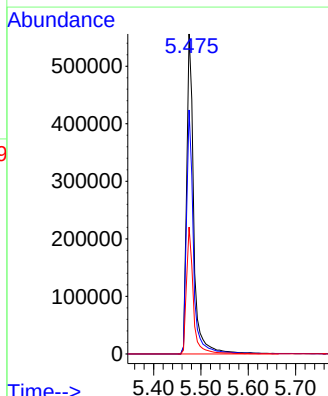
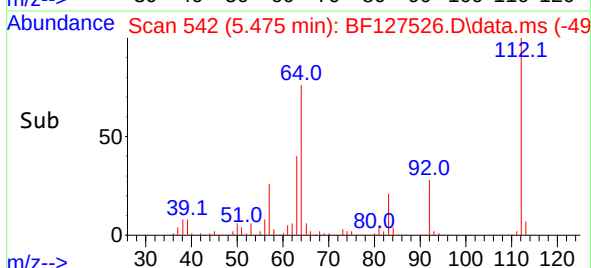
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

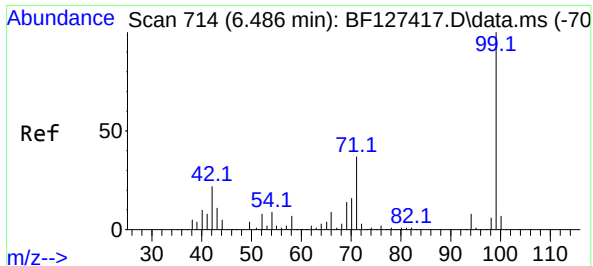


#5
2-Fluorophenol
Concen: 102.318 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



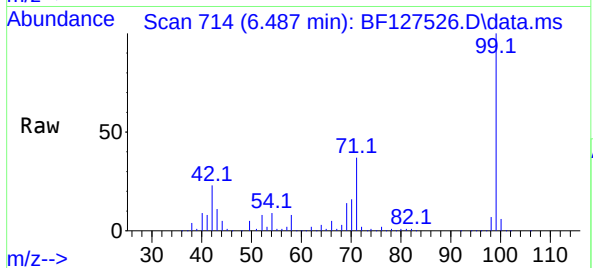
Tgt Ion:112 Resp: 576547
Ion Ratio Lower Upper
112 100
64 76.3 58.4 87.6
63 39.7 30.1 45.1





#7
Phenol-d6
Concen: 101.002 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

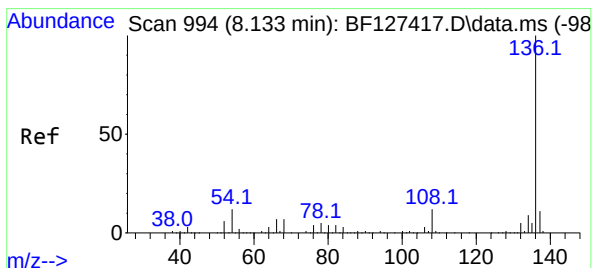
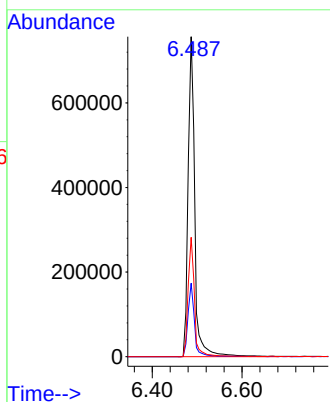
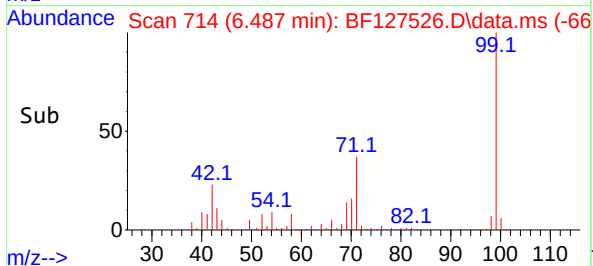
Instrument :
BNA_F
ClientSampleId :
CHRT-20019



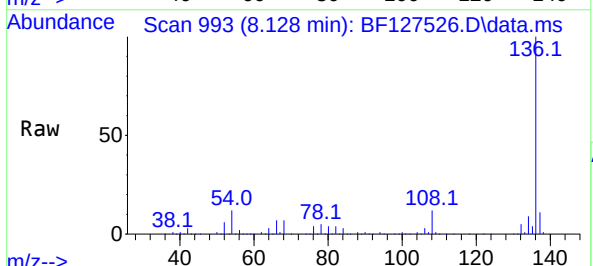
Tgt Ion: 99 Resp: 777958
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 37.3 29.6 44.4

Manual Integrations
APPROVED

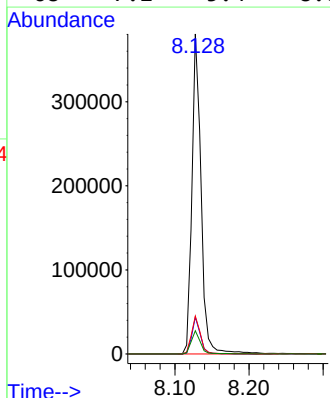
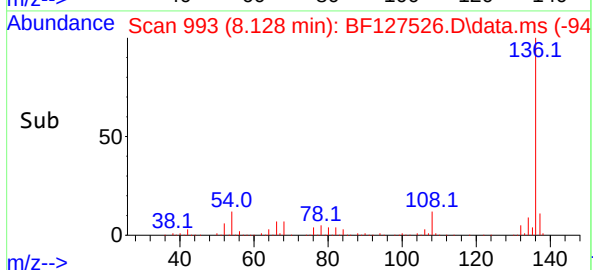
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

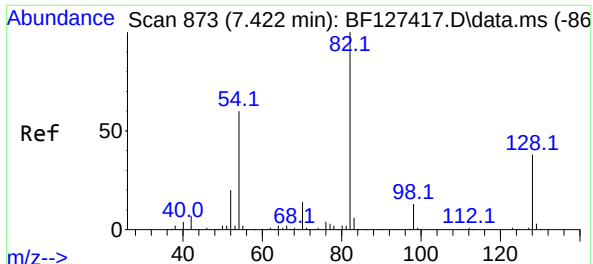


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



Tgt Ion:136 Resp: 327804
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 11.9 9.2 13.8
68 7.2 5.4 8.0





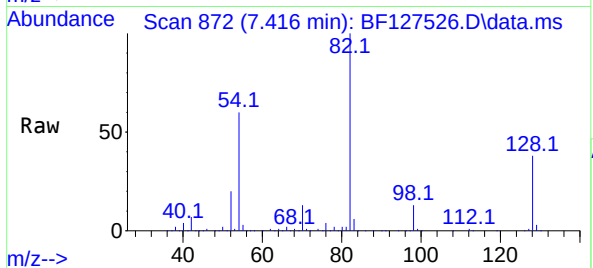
#23
Nitrobenzene-d5
Concen: 68.024 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

Instrument :

BNA_F

ClientSampleId :

CHRT-20019

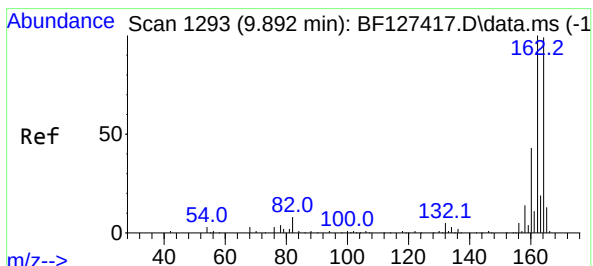
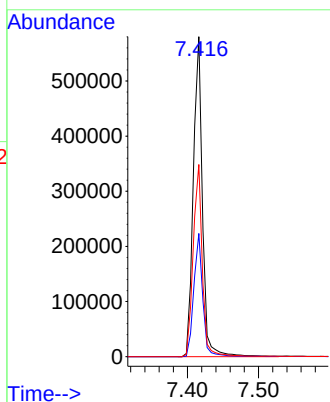
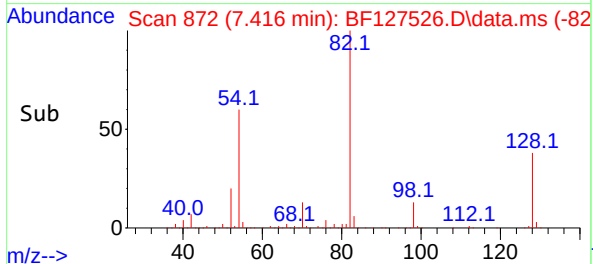


Tgt Ion: 82 Resp: 521658
Ion Ratio Lower Upper
82 100
128 38.5 30.6 45.8
54 60.1 48.2 72.2

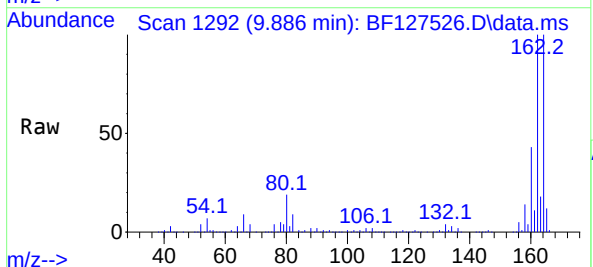
Manual Integrations

APPROVED

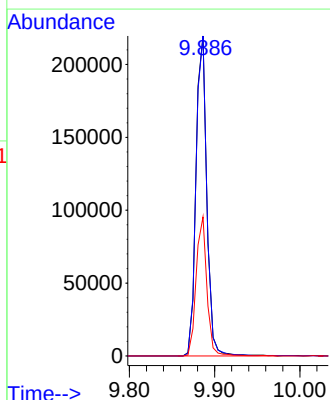
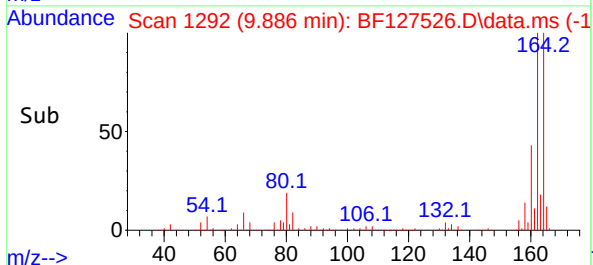
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

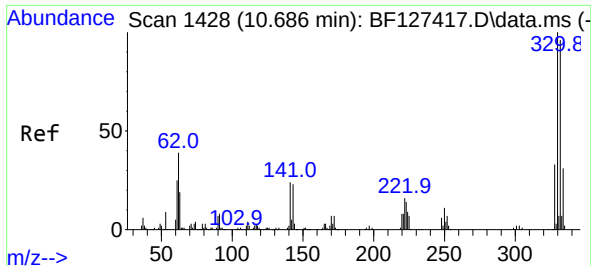


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



Tgt Ion:164 Resp: 193565
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 43.4 34.6 52.0





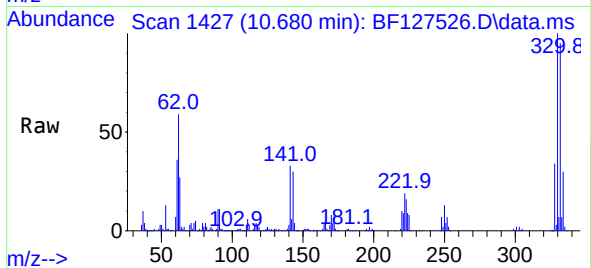
#42
2,4,6-Tribromophenol
Concen: 96.770 ng
RT: 10.680 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

Instrument :

BNA_F

ClientSampleId :

CHRT-20019

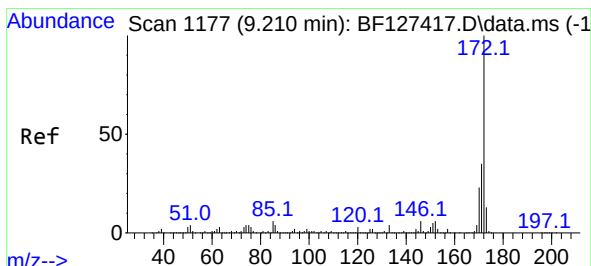
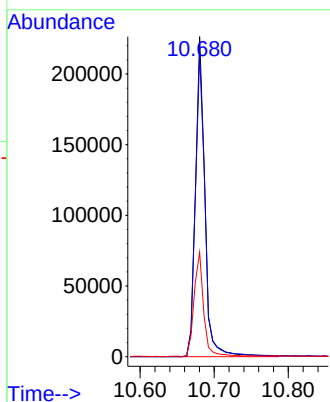
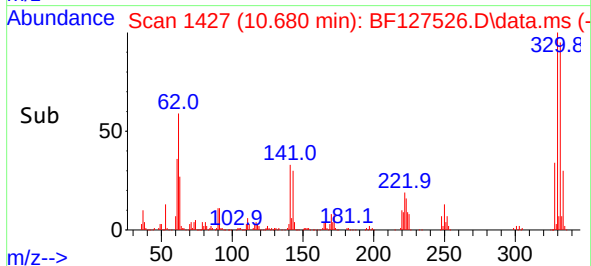


Tgt Ion:330 Resp: 19953
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 33.8 26.2 39.4

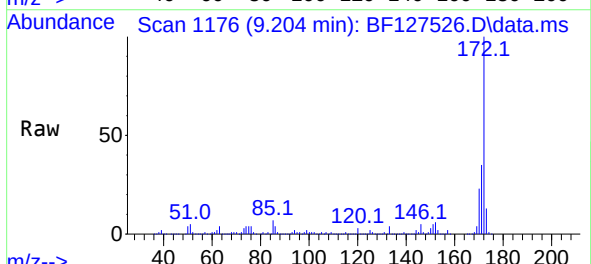
Manual Integrations

APPROVED

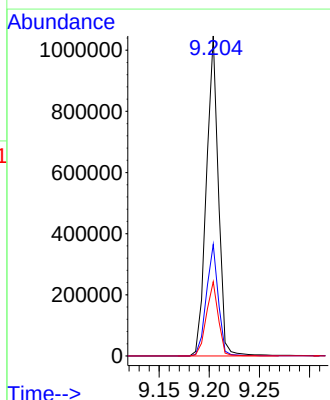
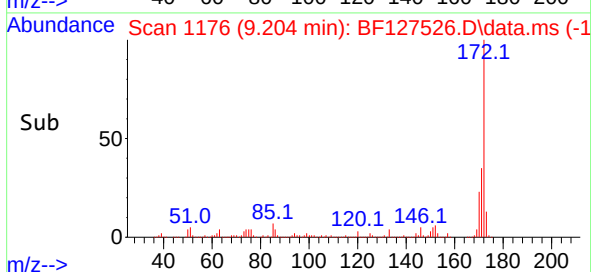
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

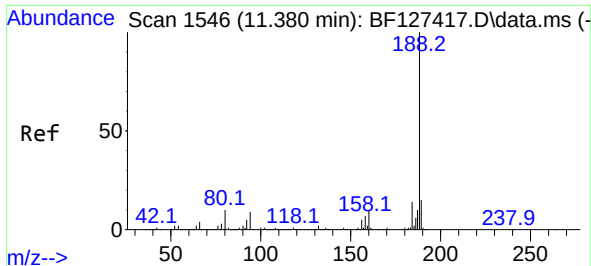


#45
2-Fluorobiphenyl
Concen: 66.115 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



Tgt Ion:172 Resp: 876402
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

Instrument :

BNA_F

ClientSampleId :

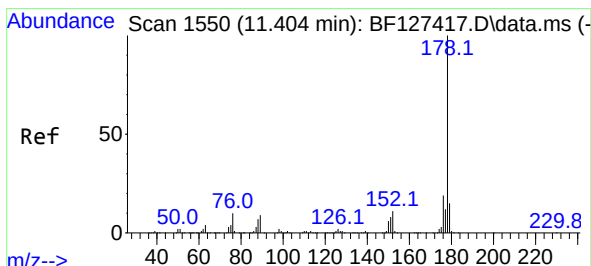
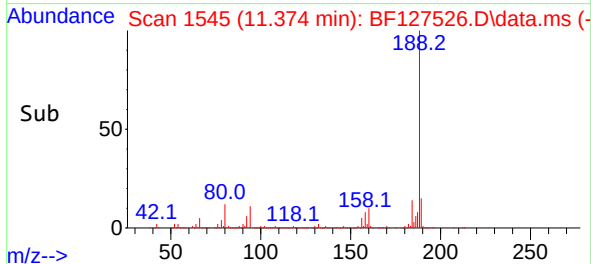
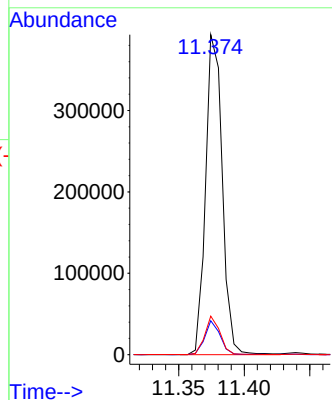
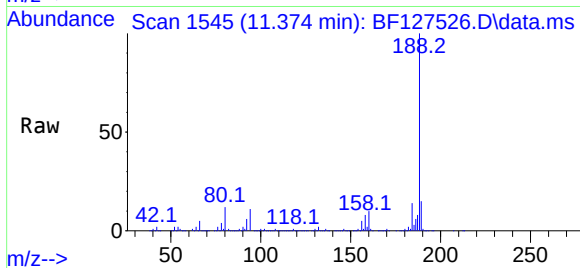
CHRT-20019

Tgt Ion:188 Resp: 348584
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.0
80 12.0 8.0 12.0

Manual Integrations

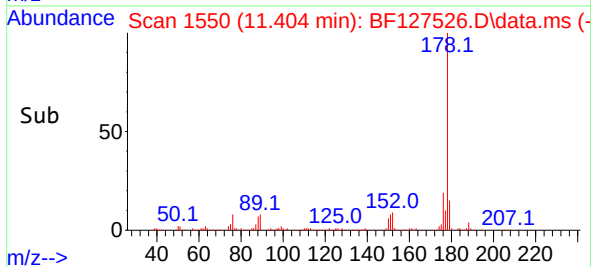
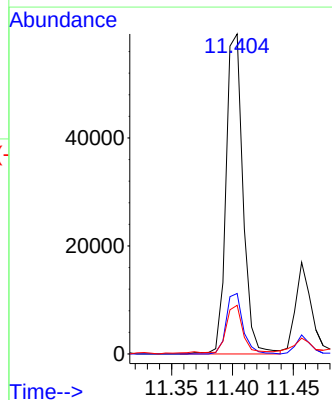
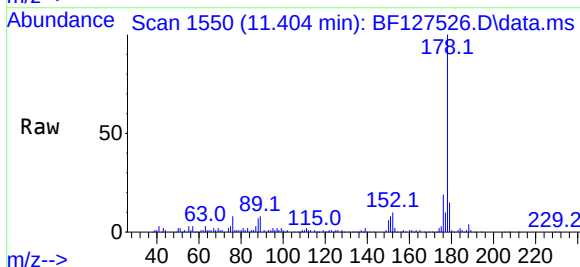
APPROVED

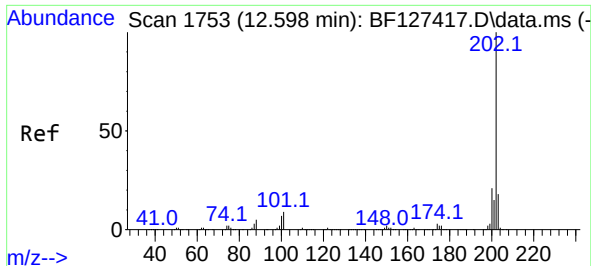
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#71
Phenanthrene
Concen: 3.160 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

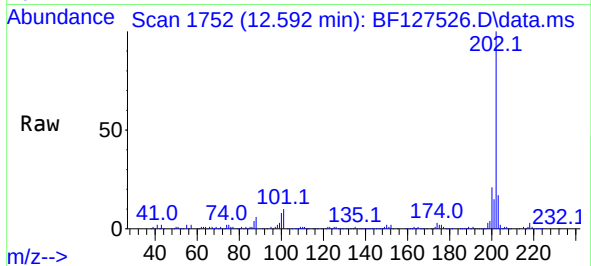
Tgt Ion:178 Resp: 57429
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.4 18.6





#75
Fluoranthene
Concen: 5.194 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

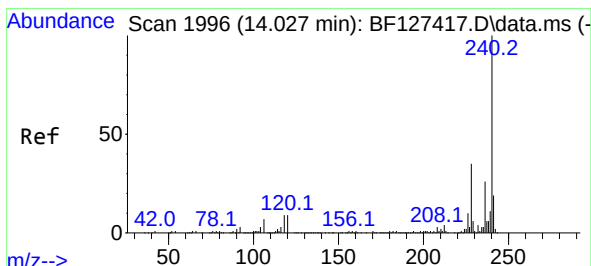
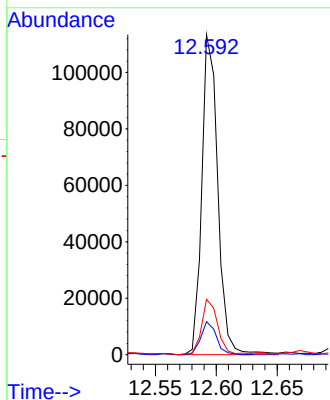
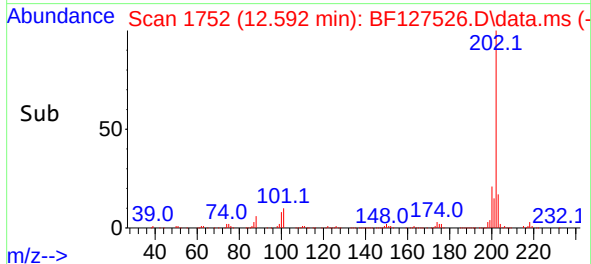
Instrument :
BNA_F
ClientSampleId :
CHRT-20019



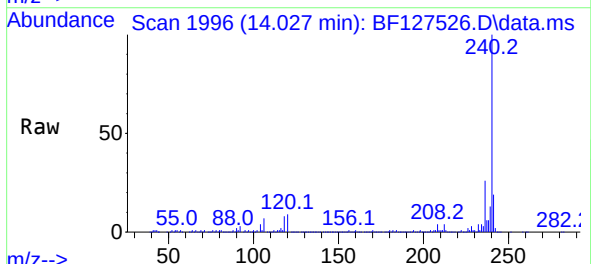
Tgt Ion:202 Resp: 10382
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.0
203 17.3 0.0 37.7

Manual Integrations
APPROVED

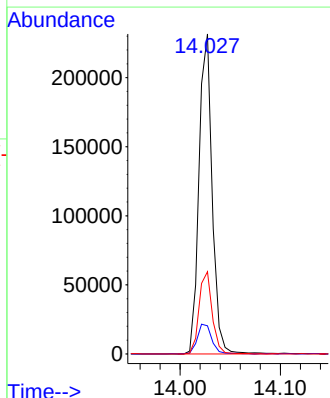
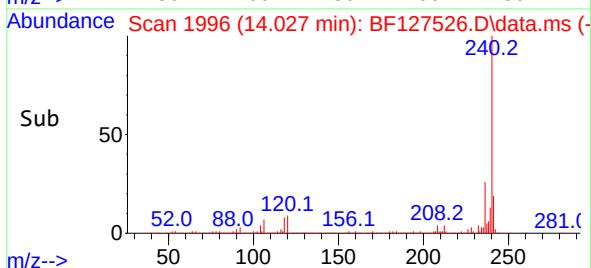
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

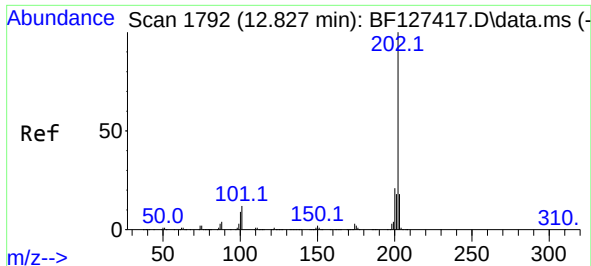


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



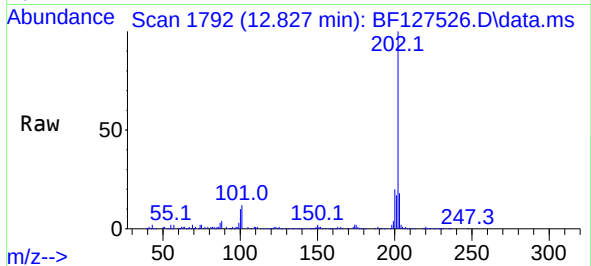
Tgt Ion:240 Resp: 212370
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.7 20.7 31.1





#78
Pyrene
Concen: 5.044 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

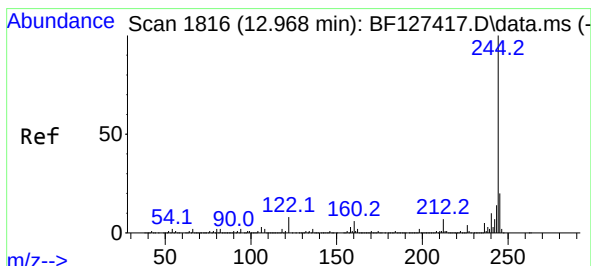
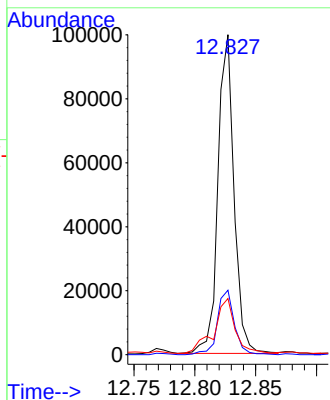
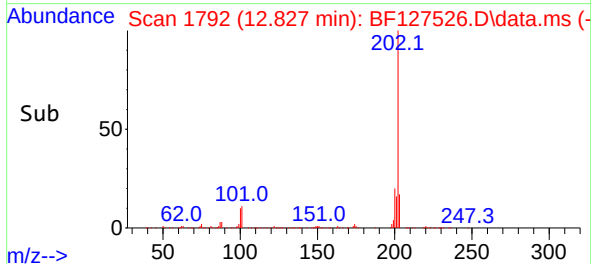
Instrument :
BNA_F
ClientSampleId :
CHRT-20019



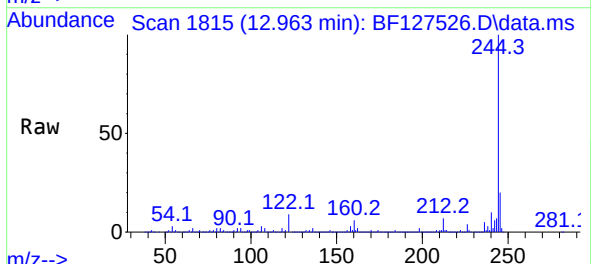
Tgt Ion:202 Resp: 91934
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 17.5 14.3 21.5

Manual Integrations
APPROVED

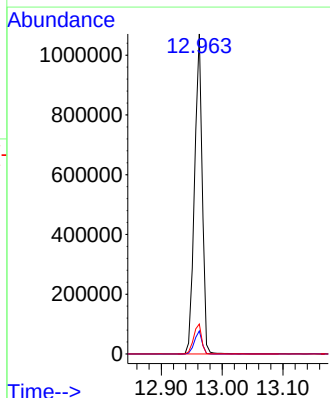
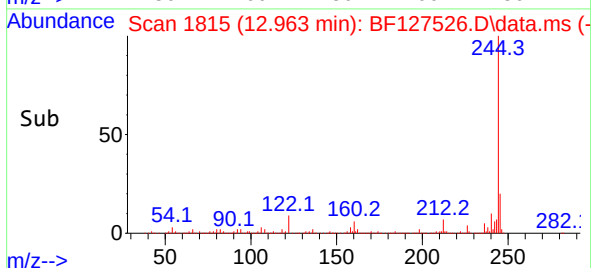
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

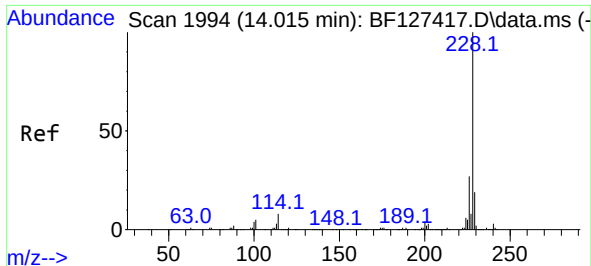


#79
Terphenyl-d14
Concen: 72.250 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



Tgt Ion:244 Resp: 937293
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.3 6.2 9.2#





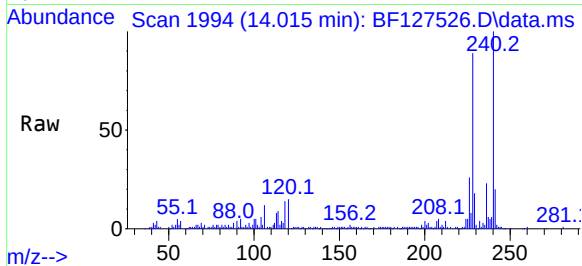
#81
Benzo(a)anthracene
Concen: 2.714 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

Instrument :

BNA_F

ClientSampleId :

CHRT-20019

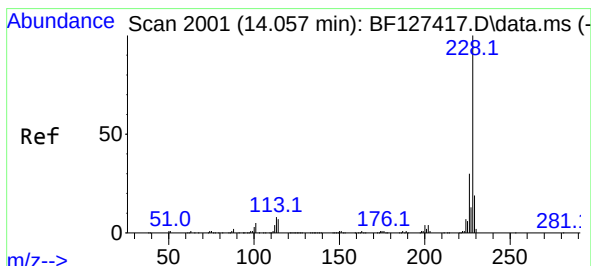
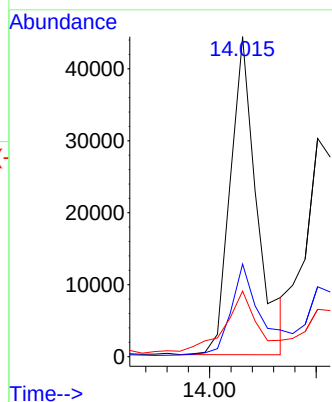
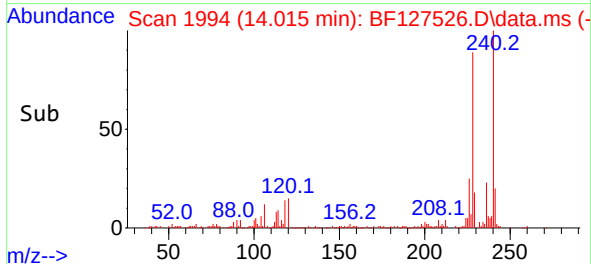


Tgt Ion:228 Resp: 38538
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 20.5 15.4 23.2

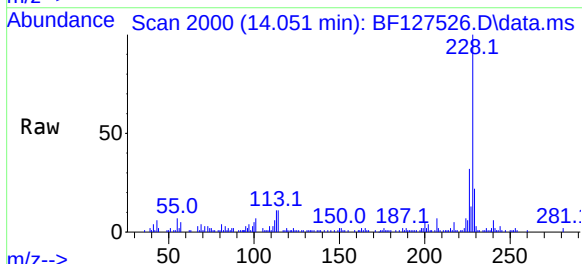
Manual Integrations

APPROVED

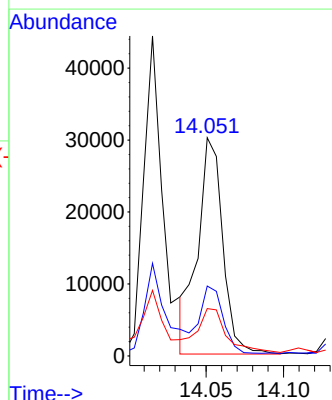
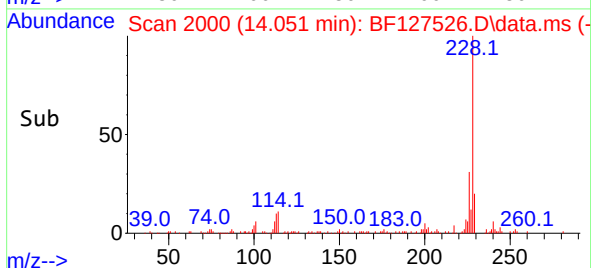
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

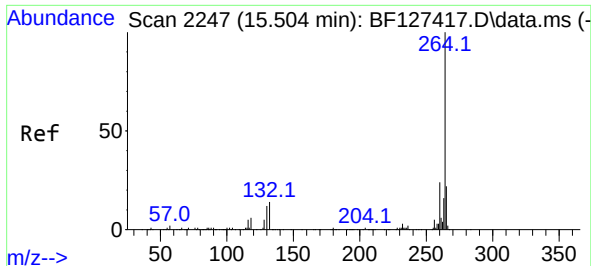


#83
Chrysene
Concen: 2.522 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15



Tgt Ion:228 Resp: 33919
Ion Ratio Lower Upper
228 100
226 32.0 24.2 36.4
229 21.7 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

Instrument :

BNA_F

ClientSampleId :

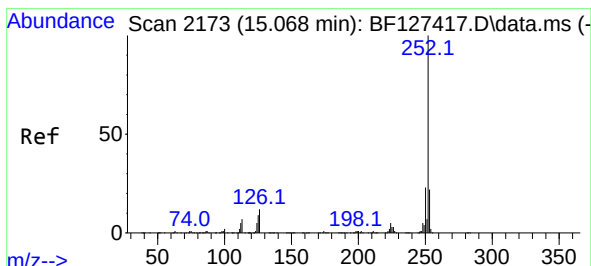
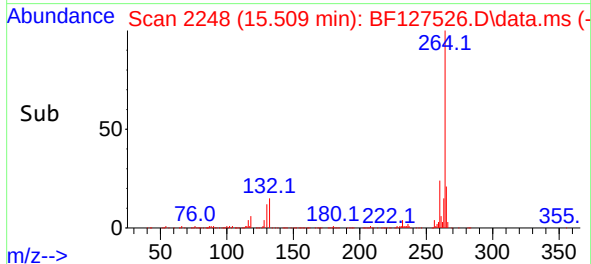
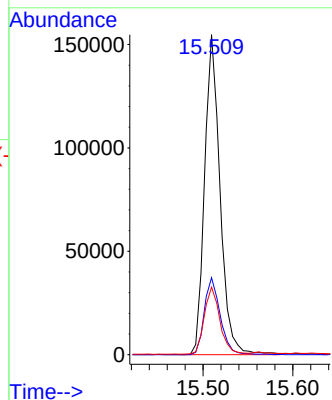
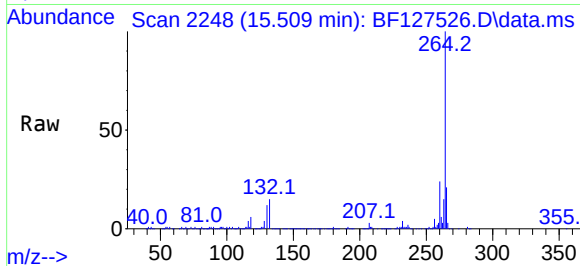
CHRT-20019

Tgt Ion:264 Resp: 185409
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.1 17.4 26.2

Manual Integrations

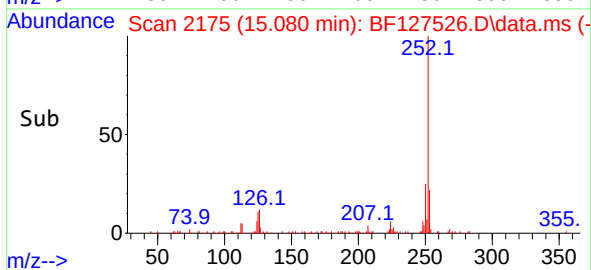
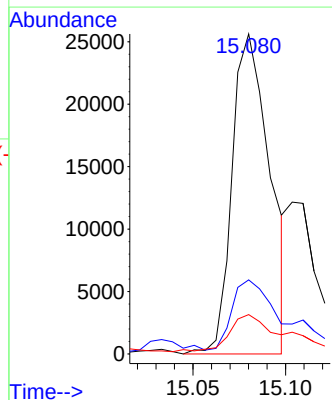
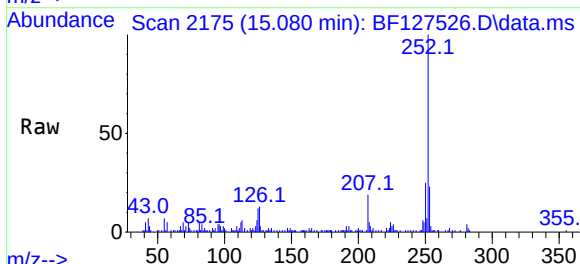
APPROVED

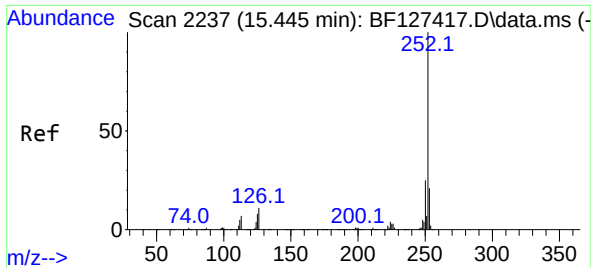
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#88
Benzo(b)fluoranthene
Concen: 3.127 ng m
RT: 15.080 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

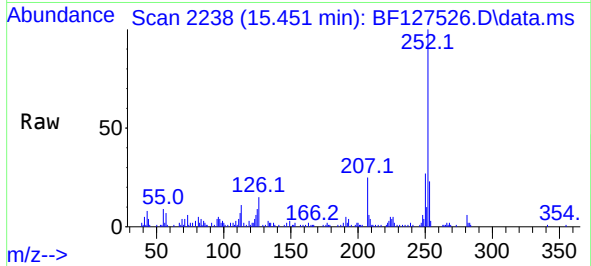
Tgt Ion:252 Resp: 36558
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 12.3 7.0 10.4#





#90
Benzo(a)pyrene
Concen: 2.744 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127526.D
Acq: 25 Mar 2022 14:15

Instrument :
BNA_F
ClientSampleId :
CHRT-20019



Tgt Ion:252 Resp: 26330
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 9.4 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

