

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009497.D
 Acq On : 22 Mar 2022 20:19
 Operator : CG/JU
 Sample : N2057-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

Quant Time: Mar 23 01:22:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

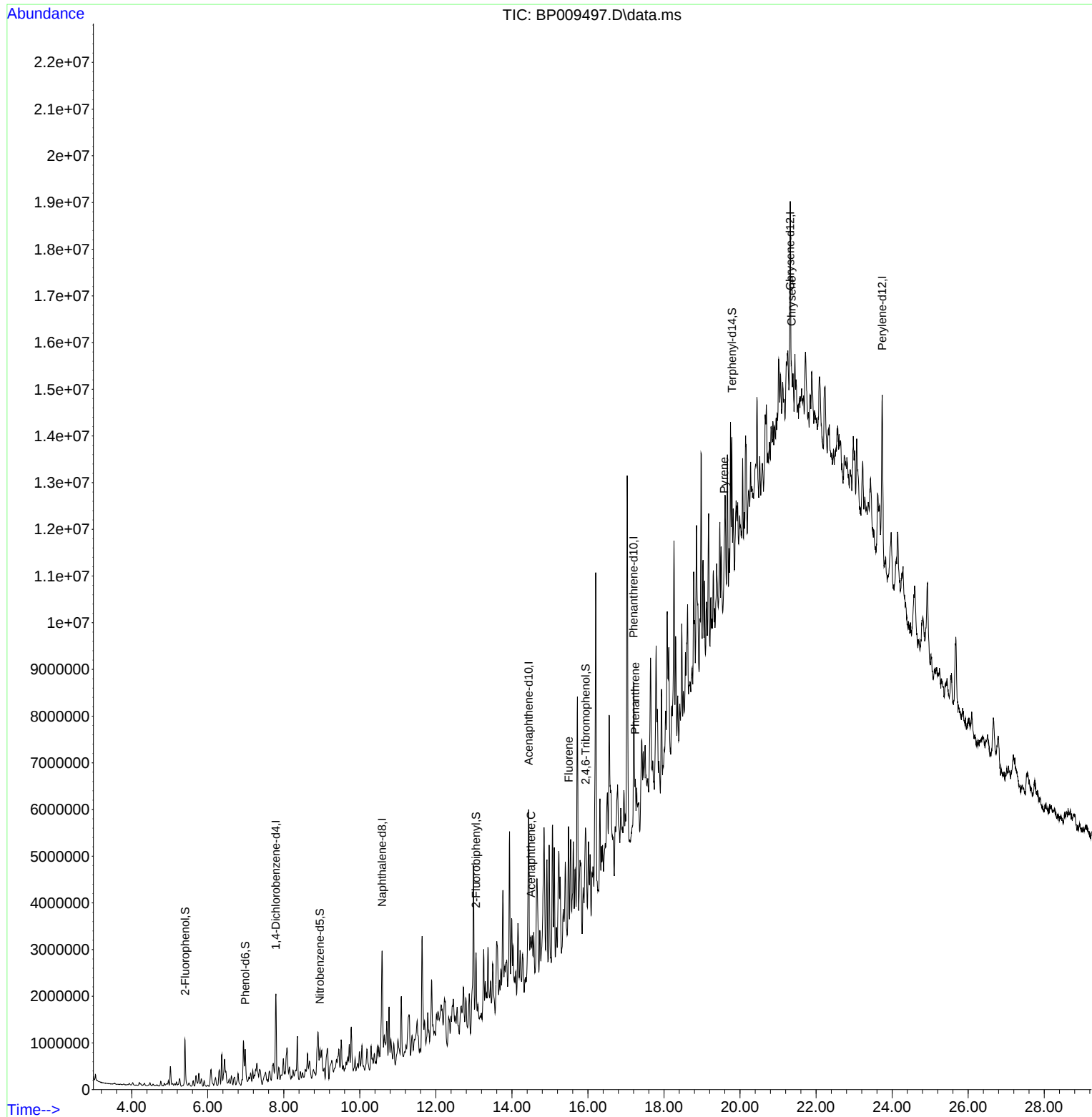
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	444863	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1666104	20.000	ng	# 0.00
39) Acenaphthene-d10	14.440	164	1021126	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	2050825	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2243289	20.000	ng	0.00
86) Perylene-d12	23.739	264	2510953	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	472968	18.562	ng	0.00
7) Phenol-d6	6.987	99	556192	16.141	ng	0.00
23) Nitrobenzene-d5	8.952	82	354349	11.302	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	237970	14.123	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	840133	11.406	ng	0.00
79) Terphenyl-d14	19.786	244	1383947	11.073	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	14.504	154	111866	2.023	ng	# 88
58) Fluorene	15.492	166	336766	4.609	ng	# 84
71) Phenanthrene	17.245	178	488782	4.452	ng	# 82
78) Pyrene	19.586	202	428256	2.897	ng	# 77
83) Chrysene	21.357	228	495497	3.550	ng	# 40

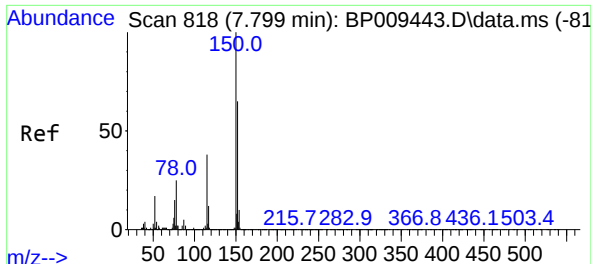
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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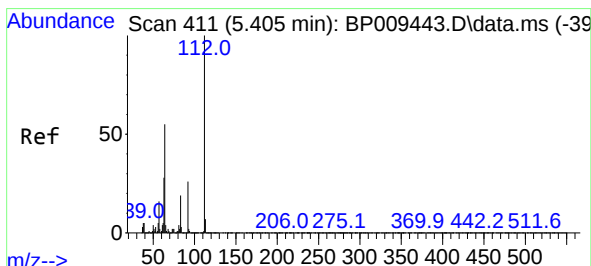
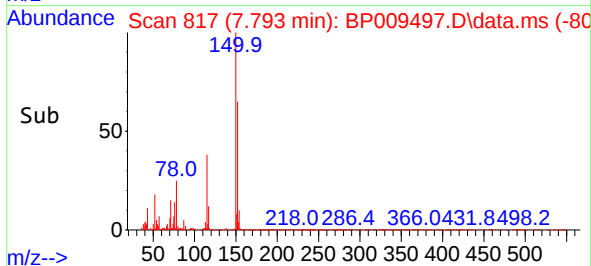
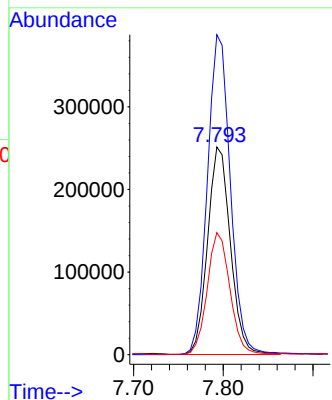
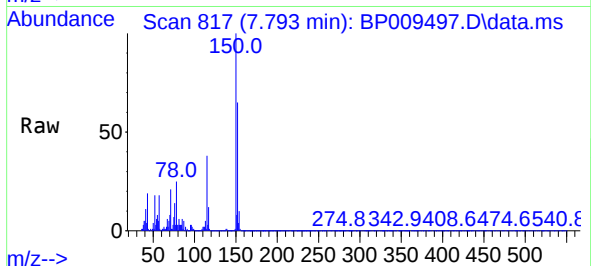




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 818
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

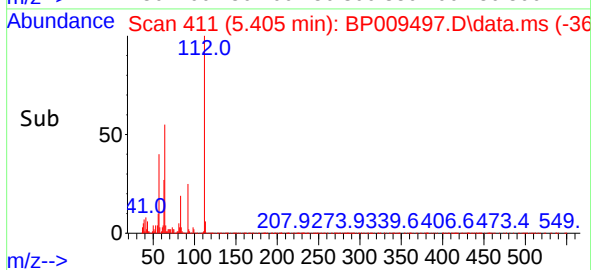
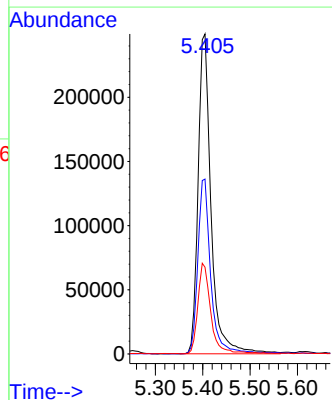
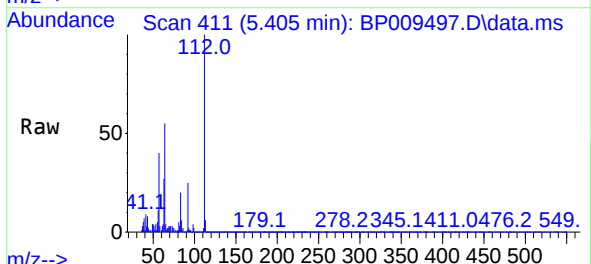
Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

Tgt Ion:152 Resp: 444863
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 18.562 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:112 Resp: 472968
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 27.1 23.0 34.6

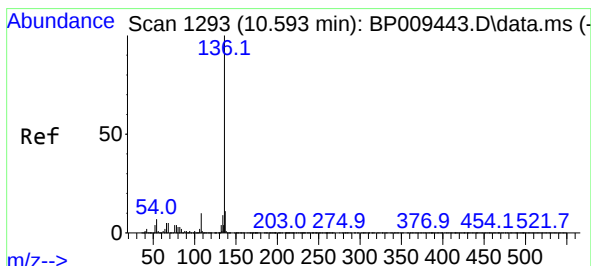
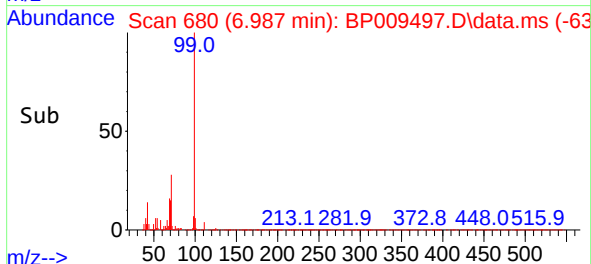
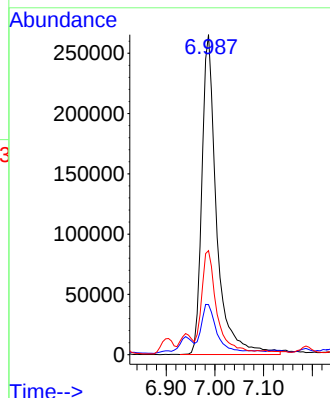
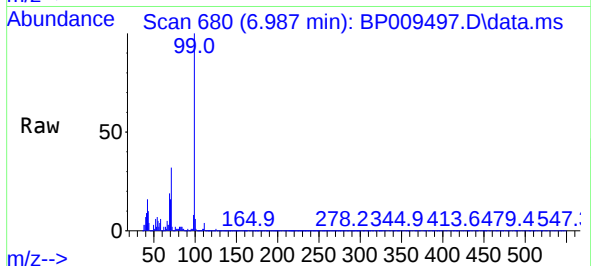




#7
Phenol-d6
Concen: 16.141 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

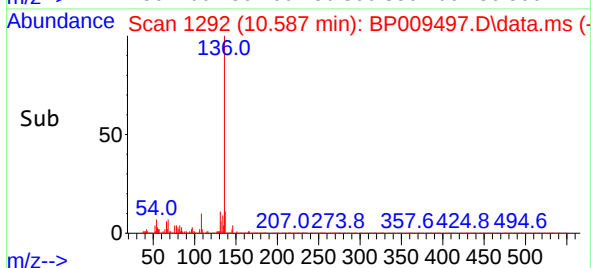
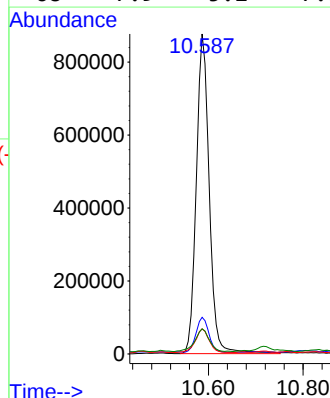
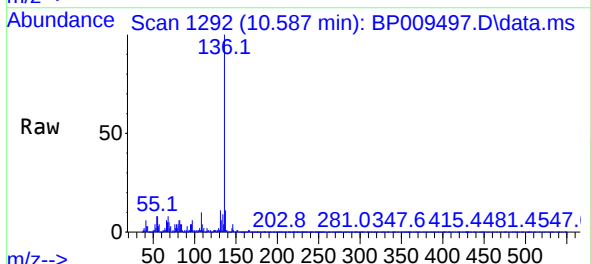
Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

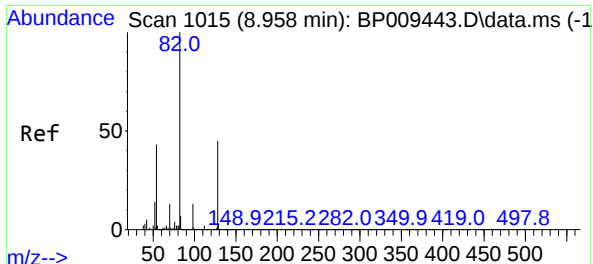
Tgt Ion: 99 Resp: 556192
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:136 Resp: 1666104
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 7.8 5.8 8.8
68 7.9 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 11.302 ng

RT: 8.952 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BP009497.D

Acq: 22 Mar 2022 20:19

Instrument :

BNA_P

ClientSampleId :

UST-7-WEST-SIDEWALL

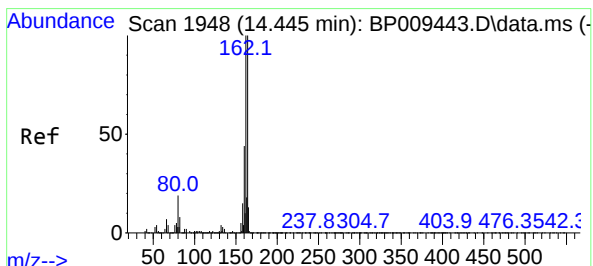
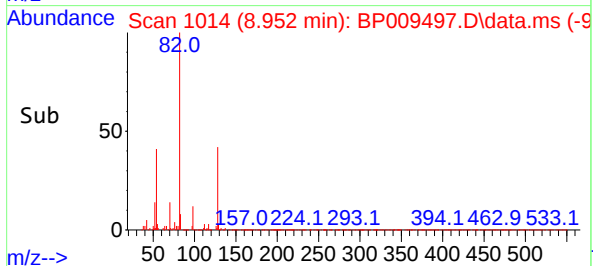
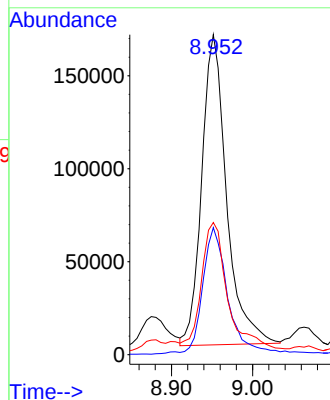
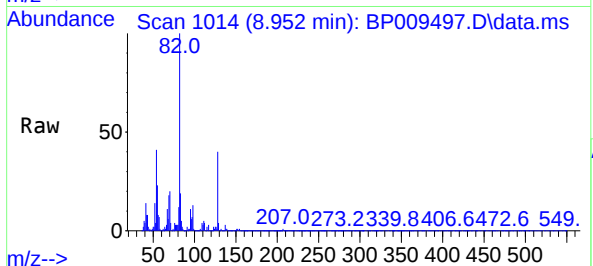
Tgt Ion: 82 Resp: 354349

Ion Ratio Lower Upper

82 100

128 39.7 34.2 51.4

54 41.3 34.7 52.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BP009497.D

Acq: 22 Mar 2022 20:19

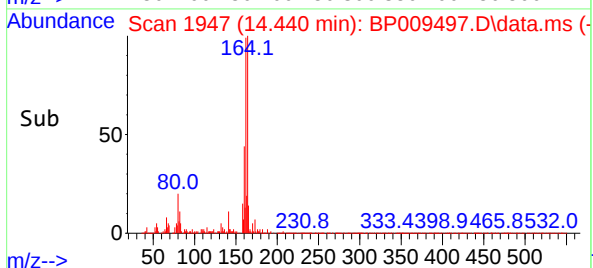
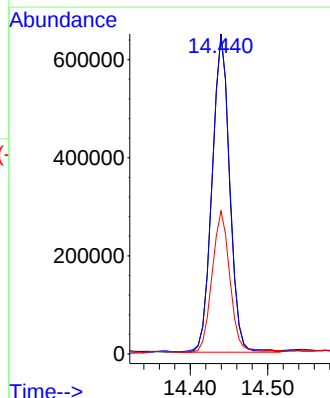
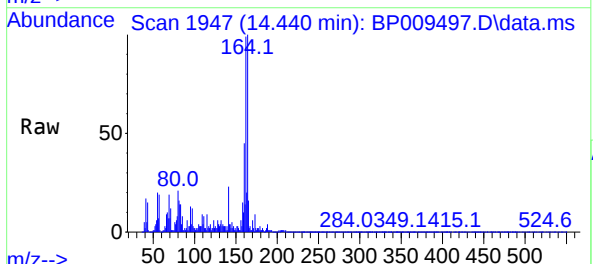
Tgt Ion: 164 Resp: 1021126

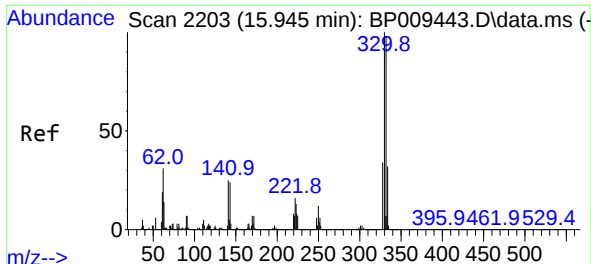
Ion Ratio Lower Upper

164 100

162 99.4 79.1 118.7

160 44.6 34.9 52.3

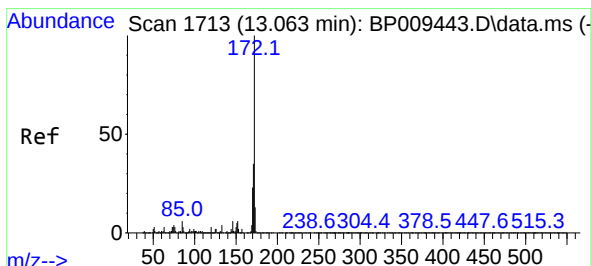
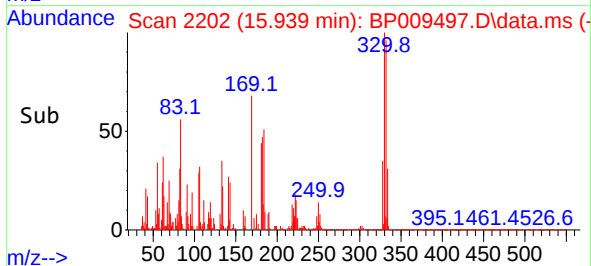
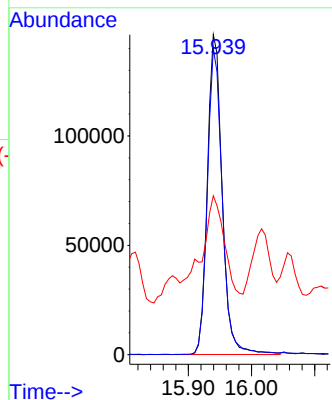
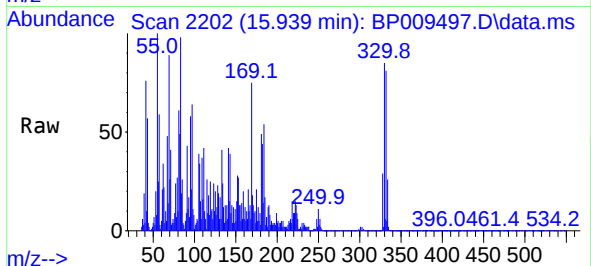




#42
2,4,6-Tribromophenol
Concen: 14.123 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

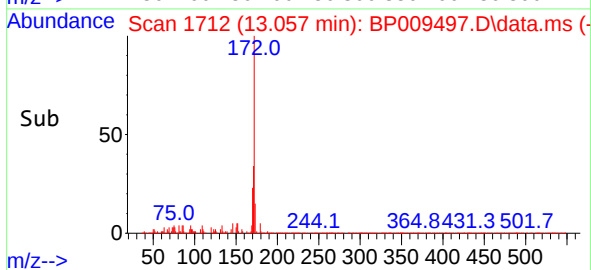
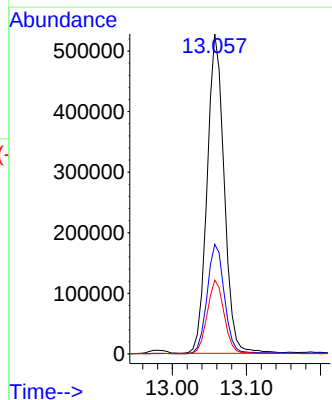
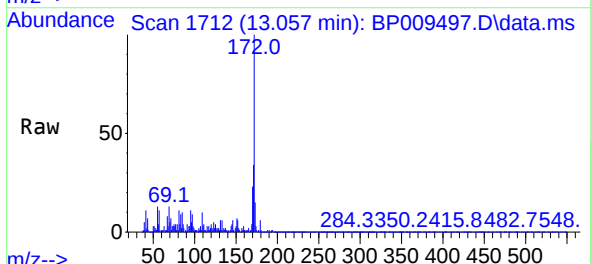
Instrument :
BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

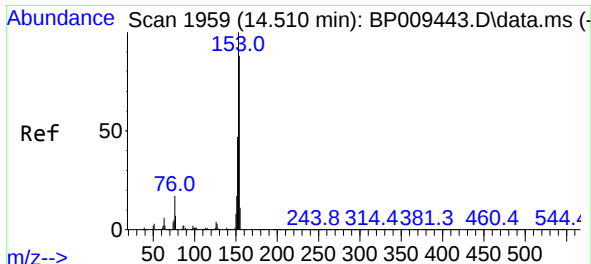
Tgt Ion:330 Resp: 237970
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 43.2 27.6 41.4#



#45
2-Fluorobiphenyl
Concen: 11.406 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:172 Resp: 840133
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.1 18.6 27.8

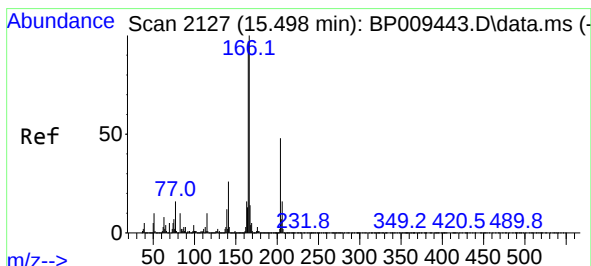
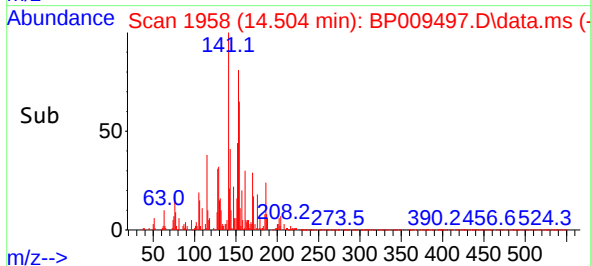
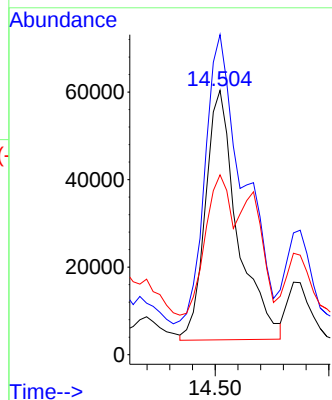
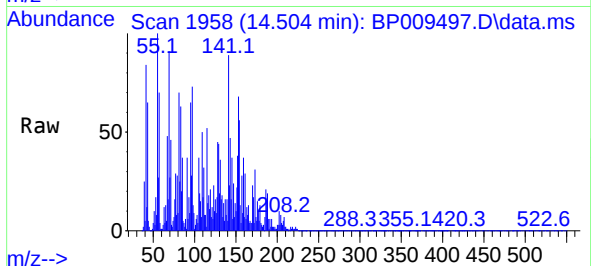




#52
Acenaphthene
Concen: 2.023 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

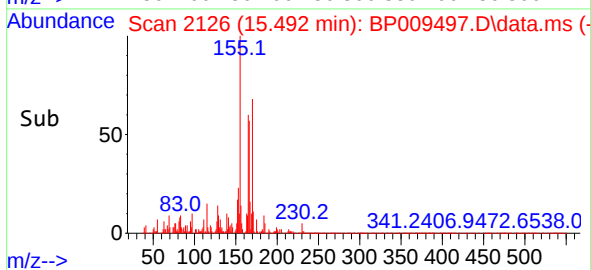
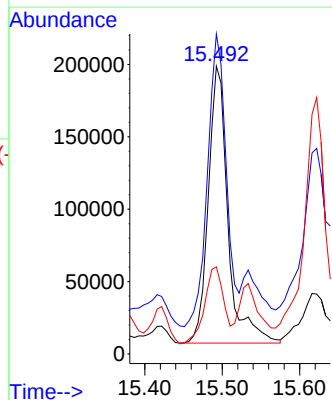
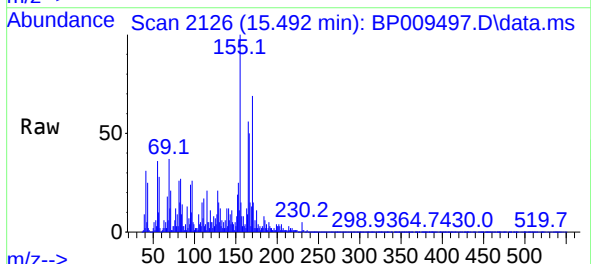
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BNA_P
ClientSampleId :
UST-7-WEST-SIDEWALL

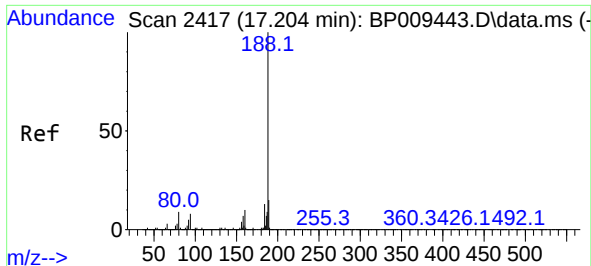
Tgt Ion:154 Resp: 111866
Ion Ratio Lower Upper
154 100
153 121.1 90.2 135.4
152 68.1 42.7 64.1#



#58
Fluorene
Concen: 4.609 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:166 Resp: 336766
Ion Ratio Lower Upper
166 100
165 111.2 79.2 118.8
167 30.3 10.7 16.1#

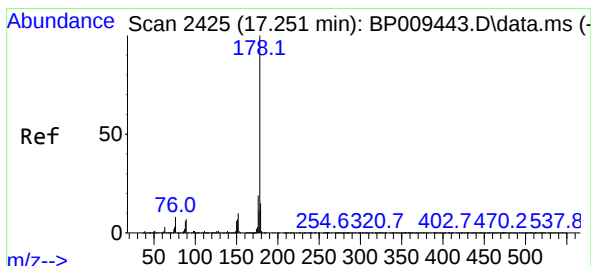
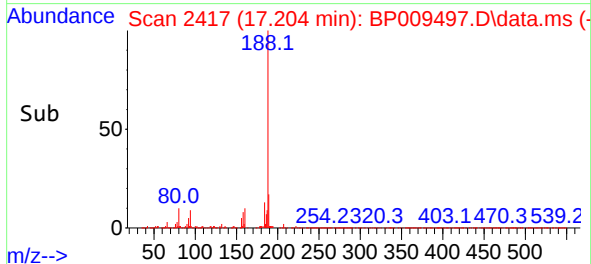
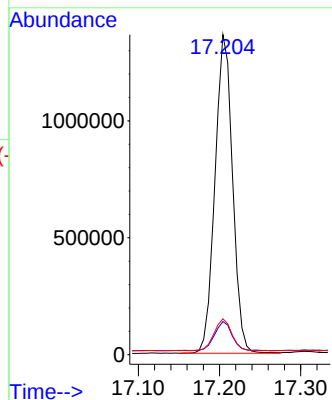
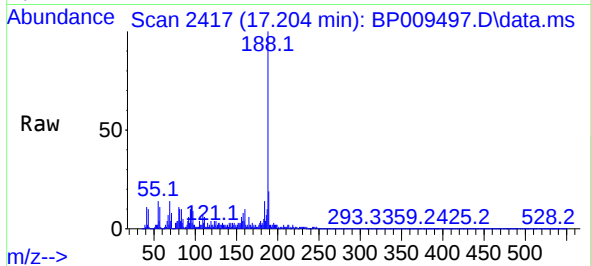




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

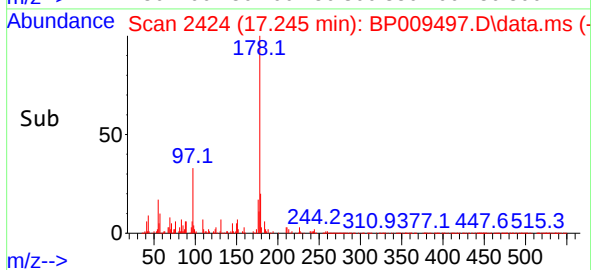
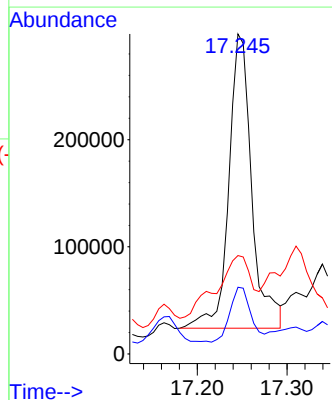
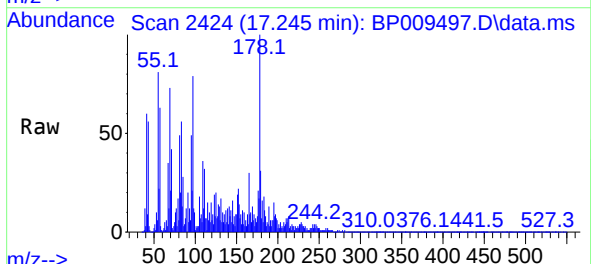
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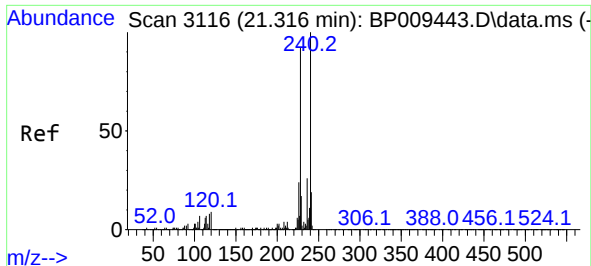
Tgt Ion:188 Resp: 2050825
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.8 13.2



#71
Phenanthrene
Concen: 4.452 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:178 Resp: 488782
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 30.8 12.3 18.5

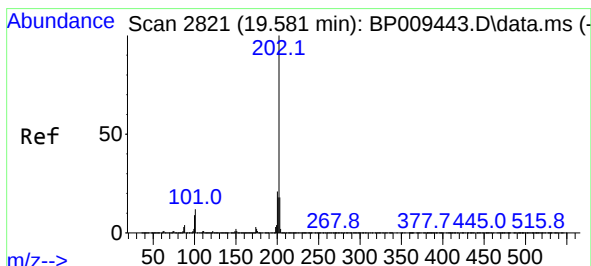
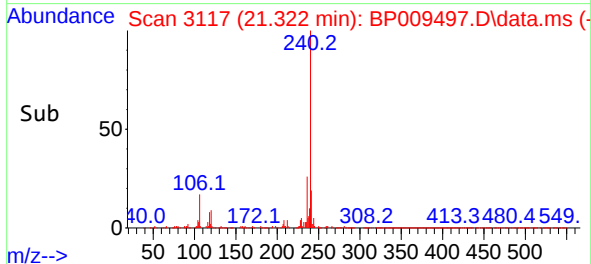
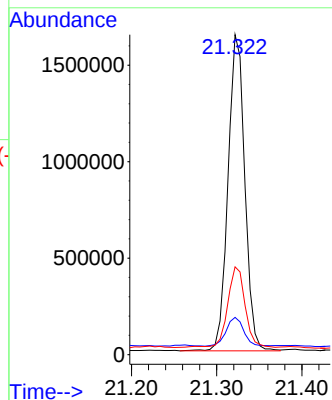
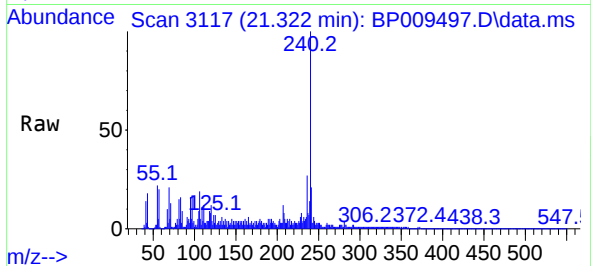




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

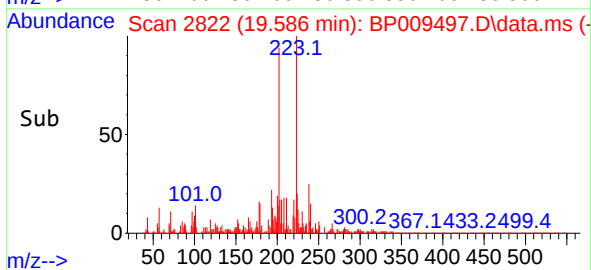
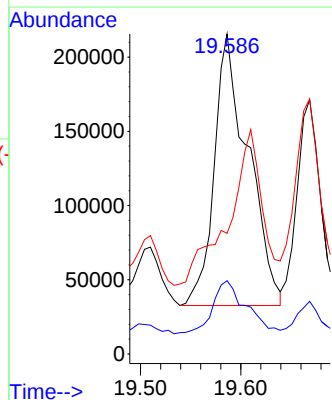
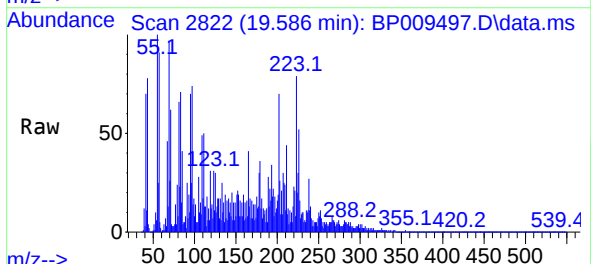
Instrument :
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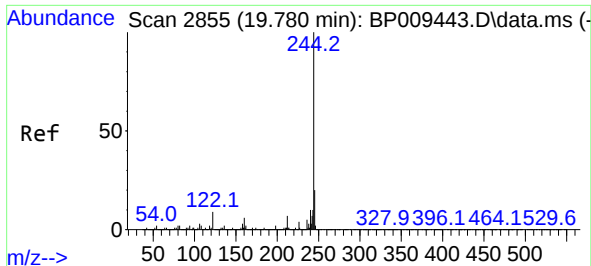
Tgt Ion:240 Resp: 2243289
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 27.5 20.6 30.8



#78
Pyrene
Concen: 2.897 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BP009497.D
Acq: 22 Mar 2022 20:19

Tgt Ion:202 Resp: 428256
Ion Ratio Lower Upper
202 100
200 22.9 16.8 25.2
203 37.7 14.2 21.4#

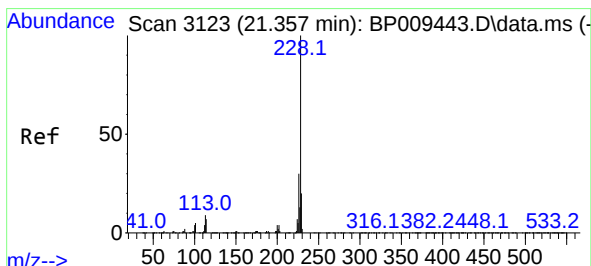
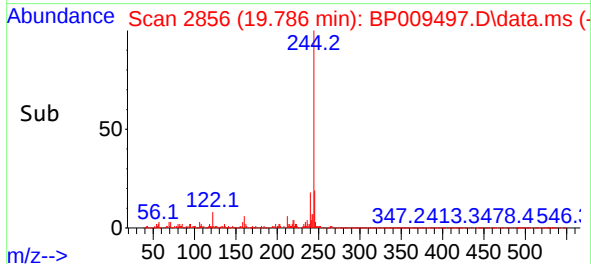
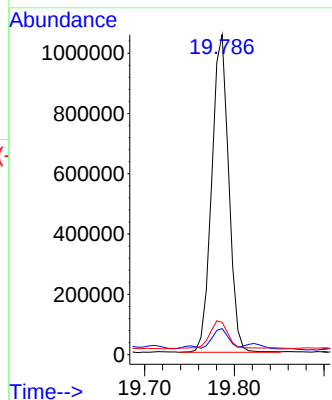
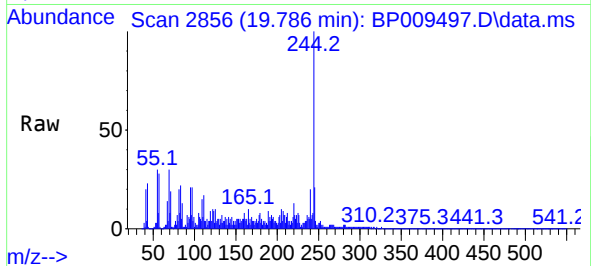




#79
 Terphenyl-d14
 Concen: 11.073 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

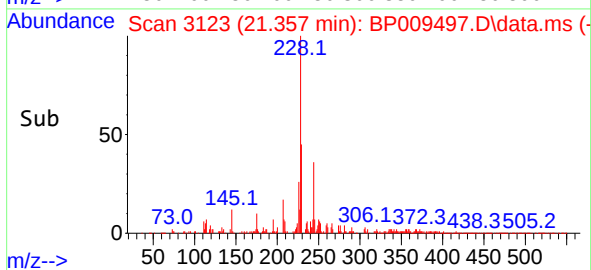
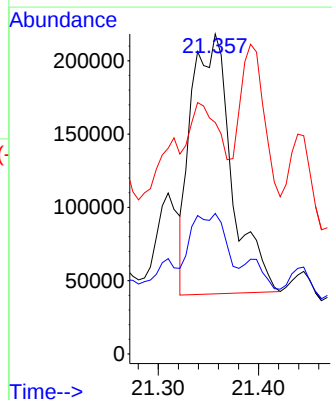
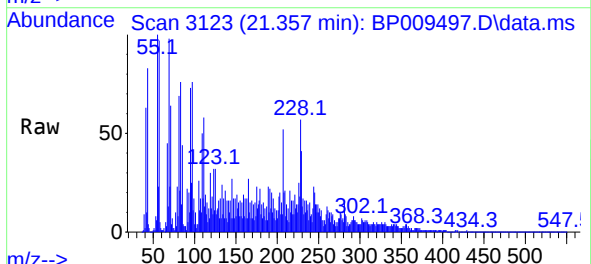
Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

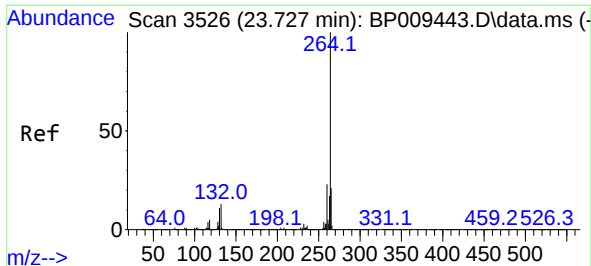
Tgt Ion:244 Resp: 1383947
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.6
 122 10.1 8.3 12.5



#83
 Chrysene
 Concen: 3.550 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

Tgt Ion:228 Resp: 495497
 Ion Ratio Lower Upper
 228 100
 226 43.9 24.2 36.2#
 229 72.4 16.1 24.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP009497.D
 Acq: 22 Mar 2022 20:19

Instrument :
 BNA_P
 ClientSampleId :
 UST-7-WEST-SIDEWALL

Tgt Ion:264 Resp: 2510953
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.0
 265 24.0 17.2 25.8

