

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042990.D
 Acq On : 24 Nov 2023 22:08
 Operator : MA/JU
 Sample : 05268-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKD6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 23:24:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	878m	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.612	136	2682	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.461	164	1757m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	3544m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.423	240	1862m	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	2788m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4341	3.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1050	0.293	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	2935	0.433	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.662	128	9751	1.338	ng/ul#	84
7) 2-Methylnaphthalene	12.322	142	296	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.520	142	1336	0.279	ng/ul	96
11) Acenaphthene	14.521	153	2557	0.376	ng/ul	97
12) Fluorene	15.515	166	1110	0.159	ng/ul	97
14) Pentachlorophenol	16.884	266	309	0.322	ng/ul	93
15) Phenanthrene	17.255	178	920m	0.091	ng/ul	
19) Fluoranthene	19.276	202	497	0.047	ng/ul#	65

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

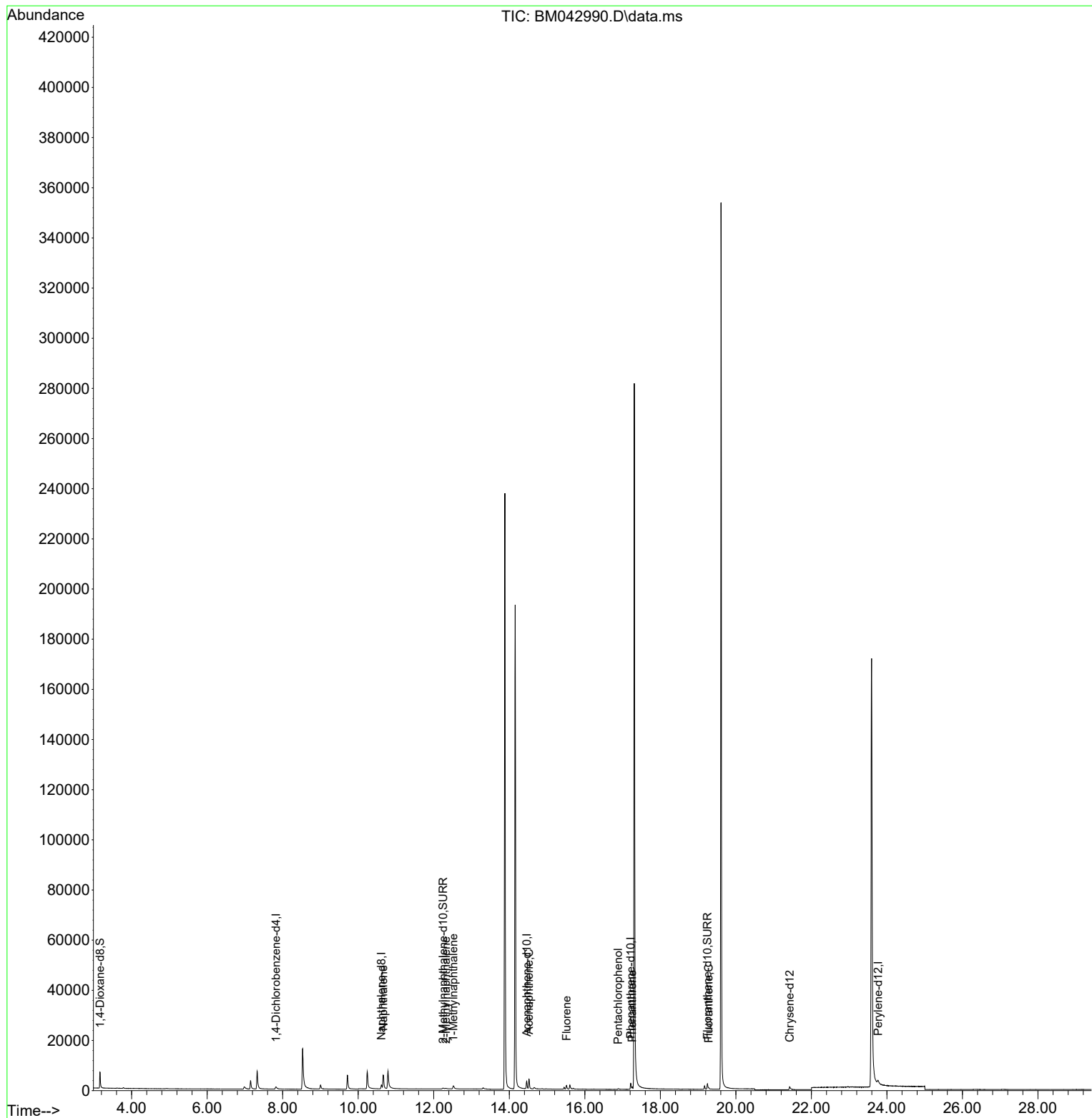
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ALS Vial : 11 Sample Multiplier: 1

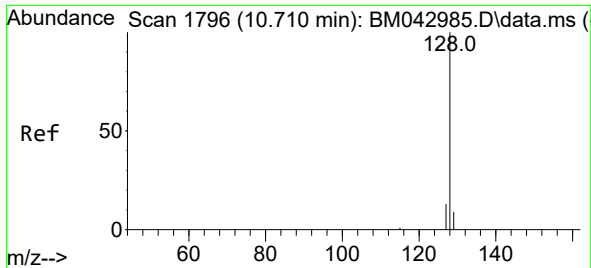
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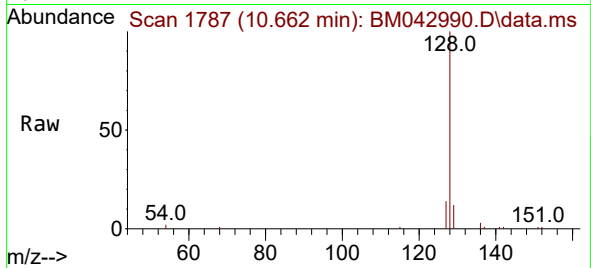
Quant Time: Nov 24 23:24:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.338 ng/ul
RT: 10.662 min Scan# 1796
Delta R.T. -0.037 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

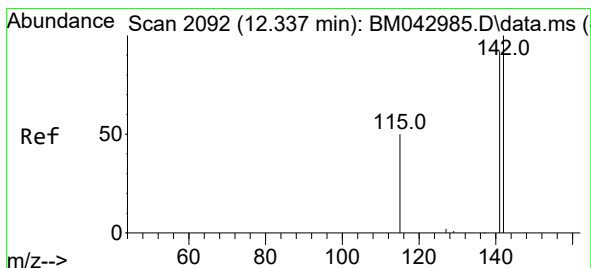
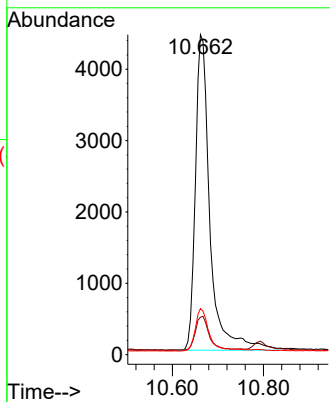
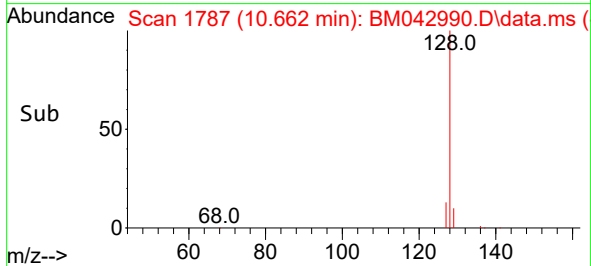
Instrument :
BNA_M
ClientSampleId :
DCKD6



Tgt Ion:128 Resp: 975
Ion Ratio Lower Upper
128 100
129 11.7 16.0 24.0
127 14.4 16.5 24.7

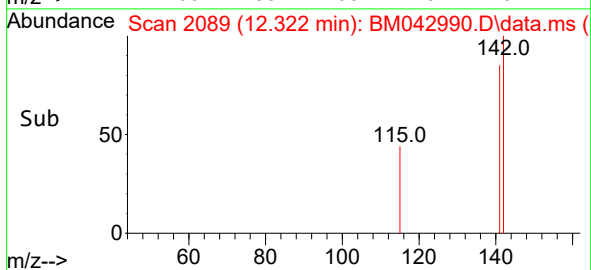
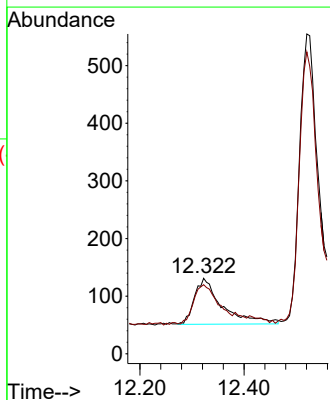
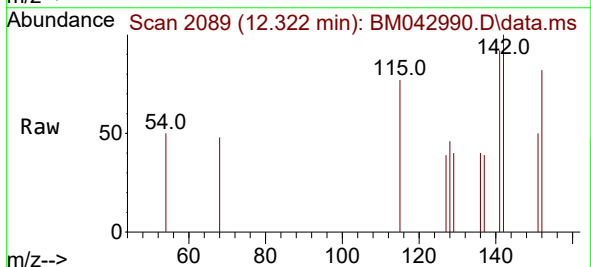
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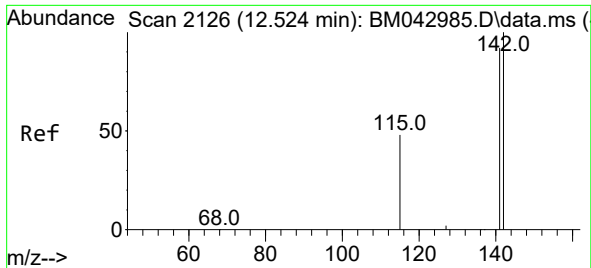
Reviewed By :Yogesh Patel 11/27/2023
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#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.322 min Scan# 2089
Delta R.T. -0.009 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

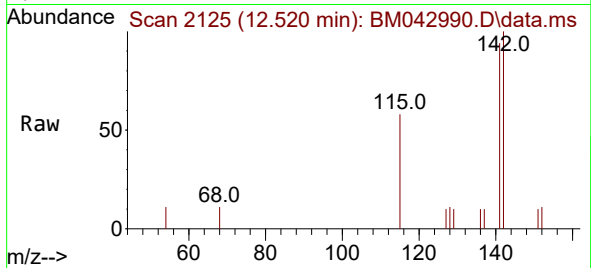
Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
141 94.3 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.520 min Scan# 2125
Delta R.T. 0.002 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

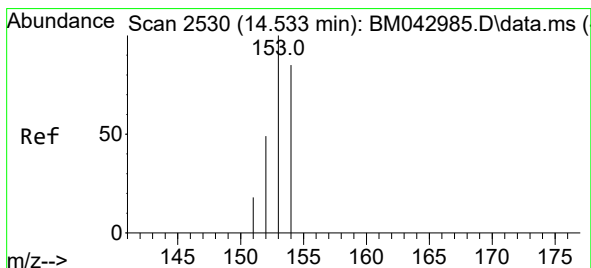
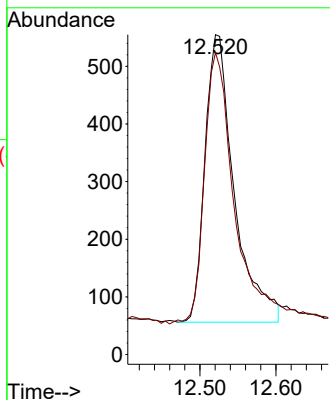
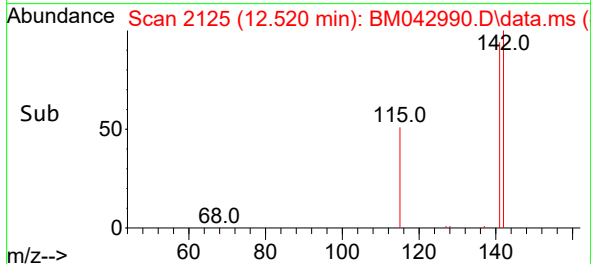
Instrument :
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ClientSampleId :
DCKD6



Tgt Ion:142 Resp: 1330
Ion Ratio Lower Upper
142 100
141 96.1 73.8 110.8

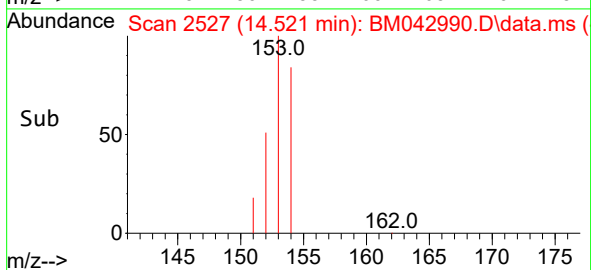
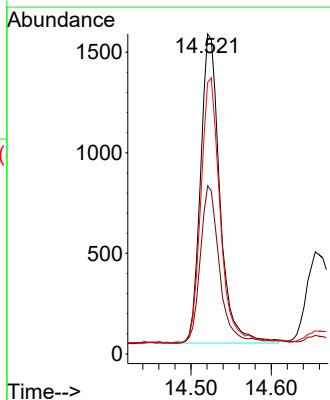
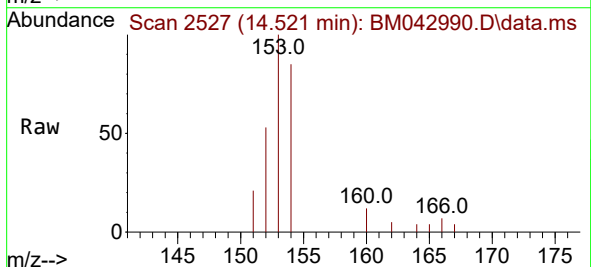
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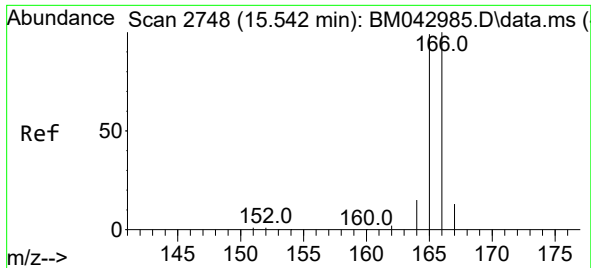
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#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

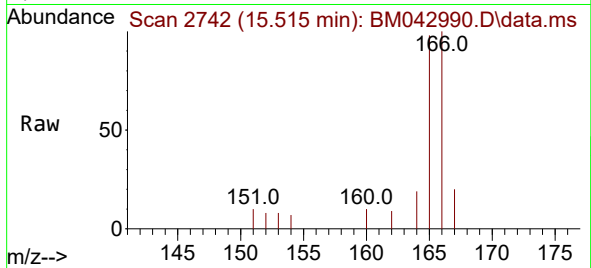
Tgt Ion:153 Resp: 2557
Ion Ratio Lower Upper
153 100
152 52.5 43.9 65.9
154 84.9 70.6 105.8





#12
Fluorene
Concen: 0.159 ng/ul
RT: 15.515 min Scan# 2110
Delta R.T. -0.022 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

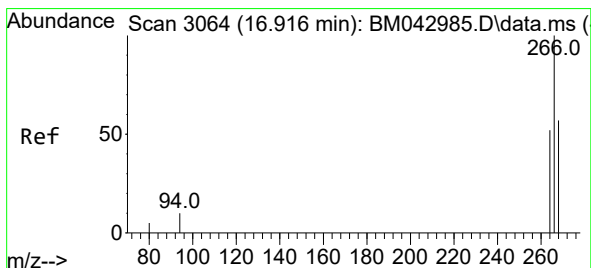
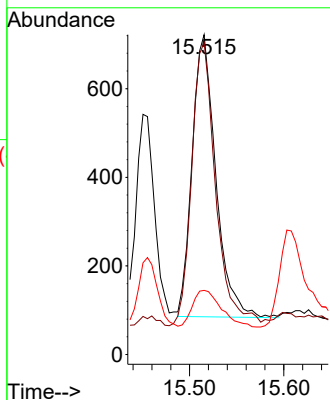
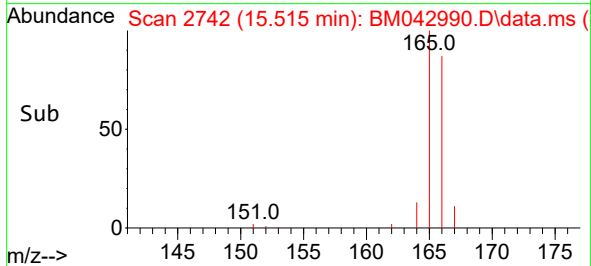
Instrument :
BNA_M
ClientSampleId :
DCKD6



Tgt Ion:166 Resp: 1110
Ion Ratio Lower Upper
166 100
165 97.5 79.9 119.9
167 20.1 14.2 21.4

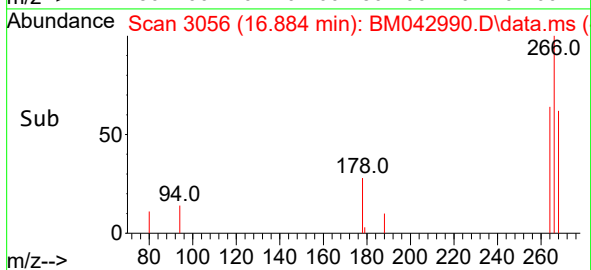
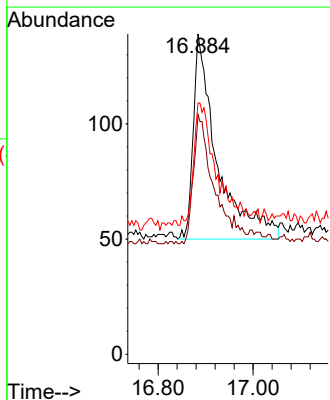
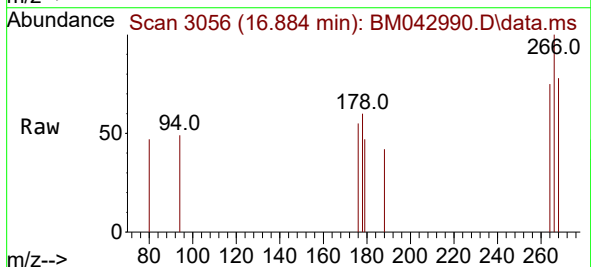
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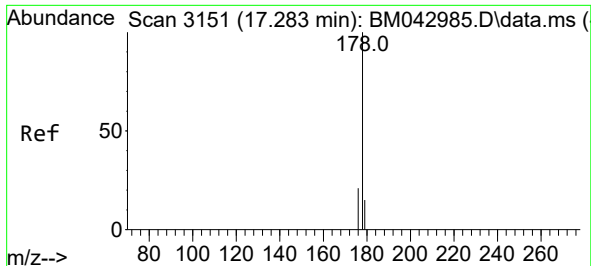
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#14
Pentachlorophenol
Concen: 0.322 ng/ul
RT: 16.884 min Scan# 3056
Delta R.T. -0.028 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

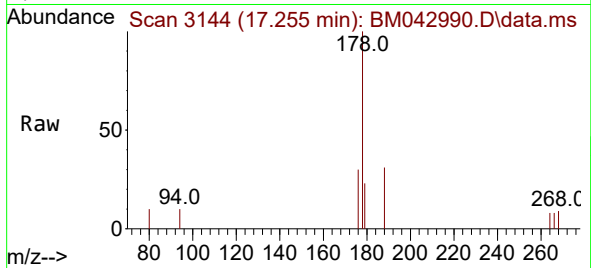
Tgt Ion:266 Resp: 309
Ion Ratio Lower Upper
266 100
264 54.7 48.8 73.2
268 60.2 51.8 77.6





#15
Phenanthrene
Concen: 0.091 ng/ul m
RT: 17.255 min Scan# 3151
Delta R.T. -0.024 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

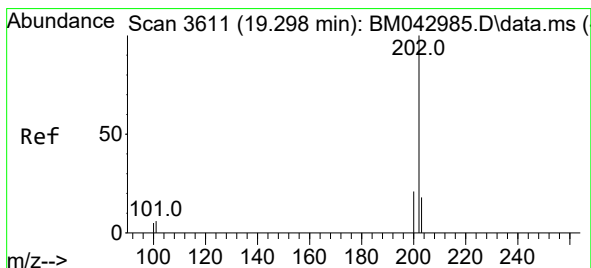
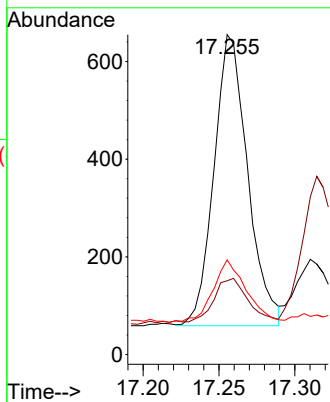
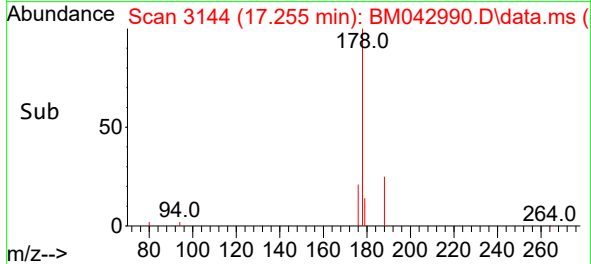
Instrument :
BNA_M
ClientSampleId :
DCKD6



Tgt Ion:178 Resp: 920
Ion Ratio Lower Upper
178 100
179 23.1 15.7 23.5
176 29.6 18.9 28.3

Manual Integrations
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#19
Fluoranthene
Concen: 0.047 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. -0.017 min
Lab File: BM042990.D
Acq: 24 Nov 2023 22:08

Tgt Ion:202 Resp: 497
Ion Ratio Lower Upper
202 100
101 20.7 7.8 11.8#
100 23.4 7.1 10.7#

