

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015997.D
 Acq On : 05 Jul 2023 03:33
 Operator : MA/JU
 Sample : 03244-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGF5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 04:51:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	258792	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1095928	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.692	164	596189	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1065548	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.551	240	863477	20.000	ng/u1	0.00
88) Perylene-d12	24.092	264	991068	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	18062	2.511	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.246	99	309334	13.970	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.369	67	225139	16.435	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	265667	15.894	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	214482	12.261	ng/u1	0.02
21) Nitrobenzene-d5	9.246	128	118814	14.186	ng/u1	0.01
24) 2-Nitrophenol-d4	9.975	143	136623	13.976	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	215981	12.399	ng/u1	0.05
31) 4-Chloroaniline-d4	11.069	131	210059	9.387	ng/u1	0.04
46) Dimethylphthalate-d6	14.110	166	757088	16.430	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	820244	15.834	ng/u1	0.00
54) 4-Nitrophenol-d4	15.051	143	56189m	9.240	ng/u1	0.10
60) Fluorene-d10	15.698	176	583393	15.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	34465	5.259	ng/u1	0.04
73) Anthracene-d10	17.563	188	726240	14.921	ng/u1	0.00
81) Pyrene-d10	19.786	212	875578	15.529	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	853542	17.073	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.504	178	91874	1.587	ng/u1	99
80) Fluoranthene	19.463	202	270386	3.859	ng/u1#	93
82) Pyrene	19.816	202	219193	3.066	ng/u1#	90
85) Benzo(a)anthracene	21.533	228	124478	2.049	ng/u1#	95
87) Chrysene	21.592	228	157036	2.725	ng/u1#	95
90) Benzo(b)fluoranthene	23.316	252	236124	3.708	ng/u1#	91
91) Benzo(k)fluoranthene	23.357	252	80102m	1.245	ng/u1	
93) Benzo(a)pyrene	23.980	252	147313	2.647	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.809	276	121289	1.606	ng/u1#	91
96) Benzo(g,h,i)perylene	27.645	276	116520	1.875	ng/u1#	88

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

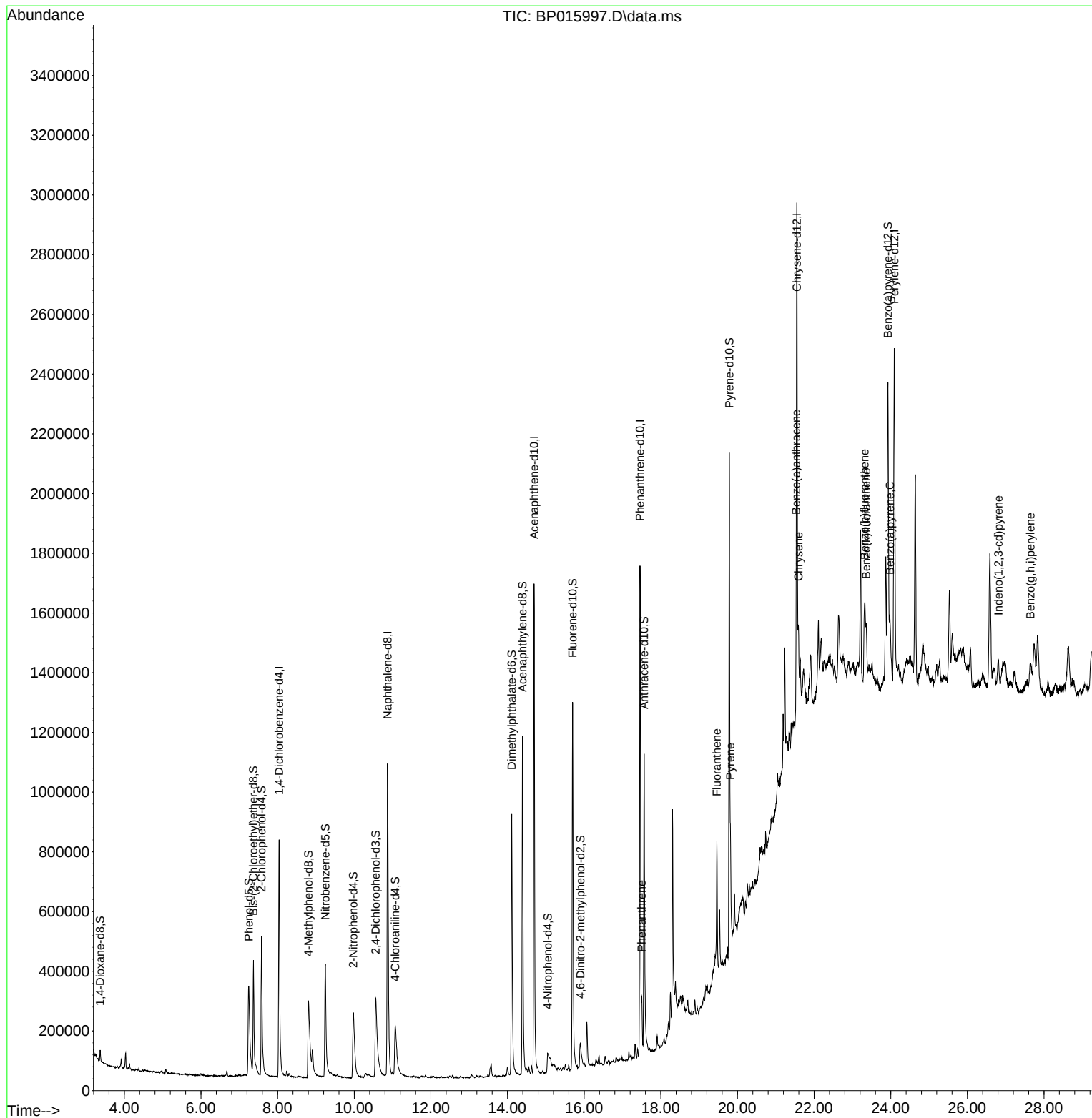
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015997.D
Acq On : 05 Jul 2023 03:33
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ALS Vial : 43 Sample Multiplier: 1

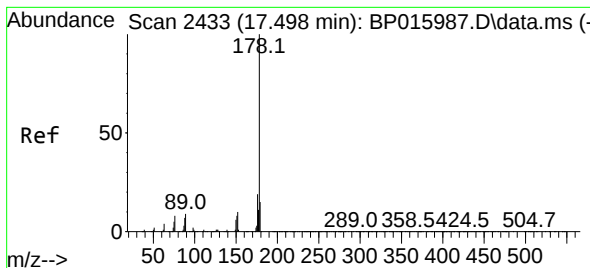
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Jul 05 04:51:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
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#72

Phenanthrene

Concen: 1.587 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Instrument :

BNA_P

ClientSampleId :

DCGF5

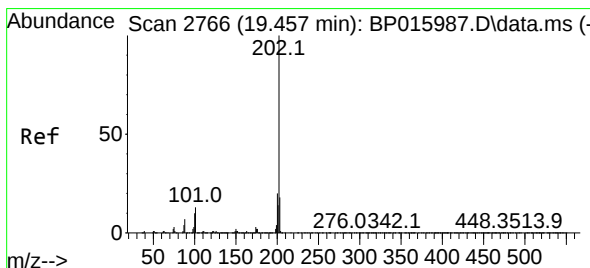
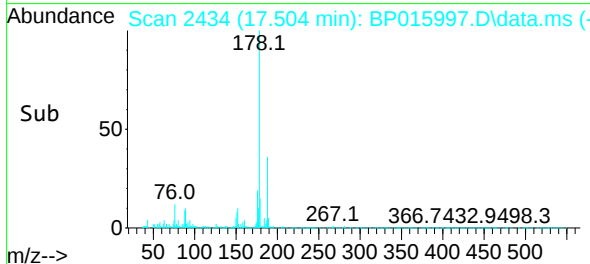
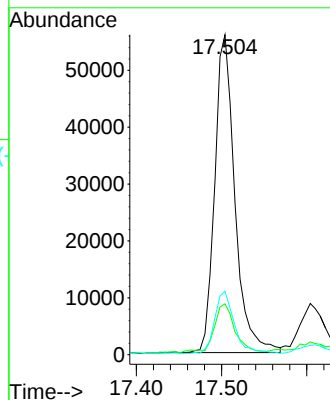
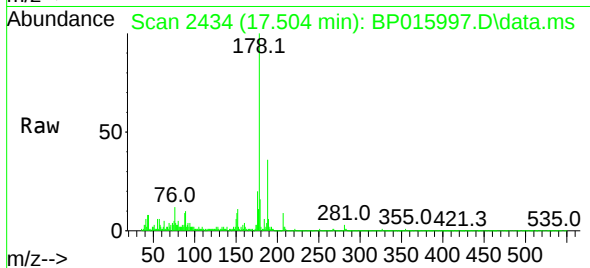
Tgt Ion:178	Resp:	91874
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.4 18.6
176	19.8	15.6 23.4

Manual Integrations

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#80

Fluoranthene

Concen: 3.859 ng/ul

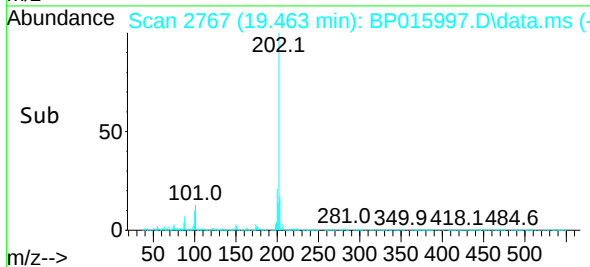
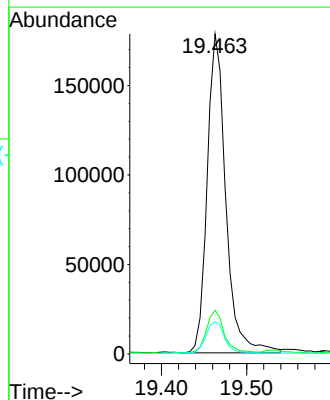
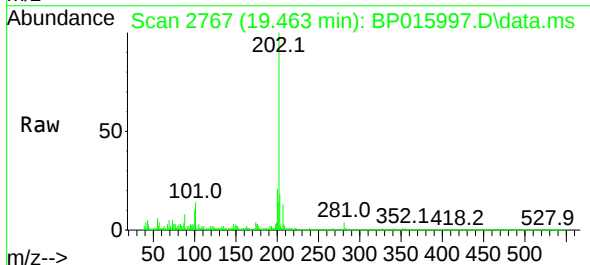
RT: 19.463 min Scan# 2767

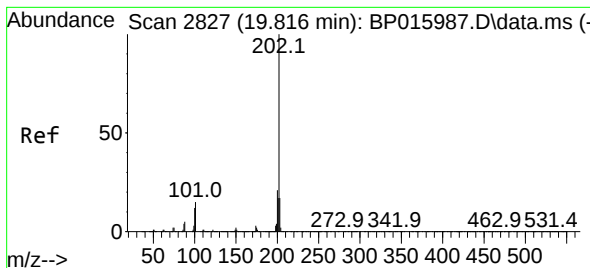
Delta R.T. 0.000 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Tgt Ion:202	Resp:	270386
Ion Ratio	Lower	Upper
202	100	
101	13.6	8.3 12.5#
100	10.1	6.6 9.8#





#82

Pyrene

Concen: 3.066 ng/ul

RT: 19.816 min Scan# 21919

Delta R.T. 0.000 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Instrument :

BNA_P

ClientSampleId :

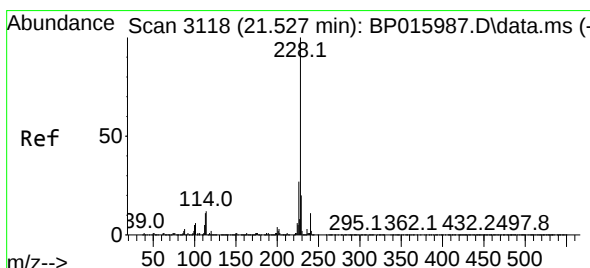
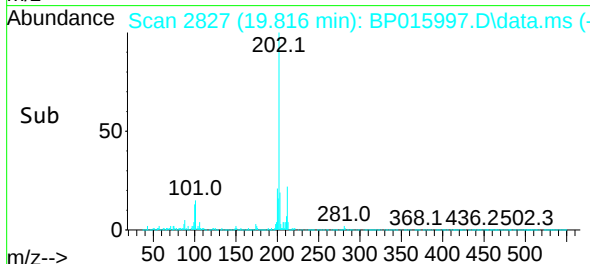
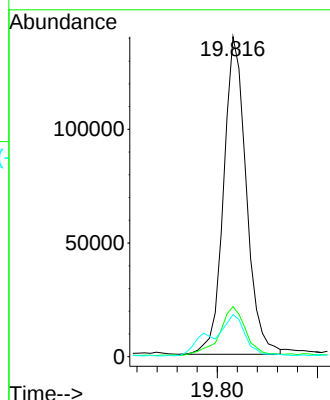
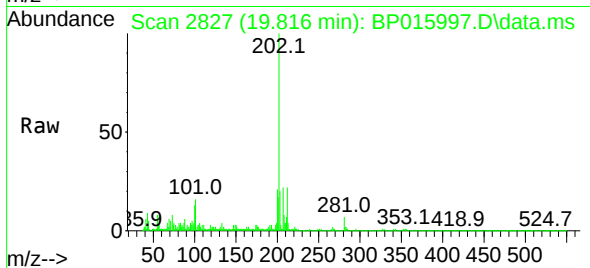
DCGF5

Tgt Ion:	202	Resp:	21919
Ion Ratio	Lower	Upper	
202	100		
101	15.7	9.3	13.9
100	13.2	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 2.049 ng/ul

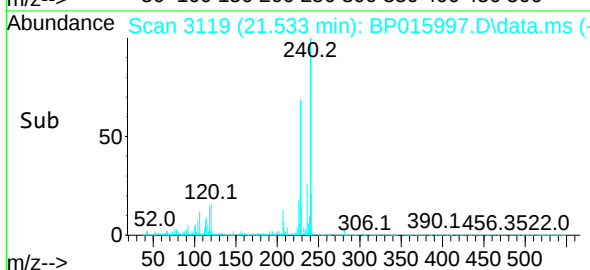
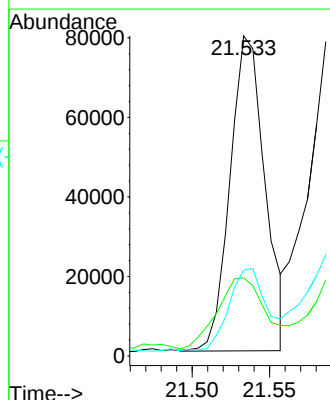
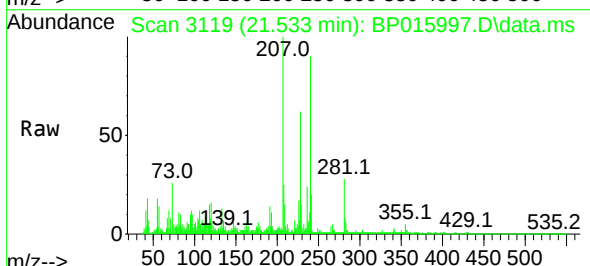
RT: 21.533 min Scan# 3119

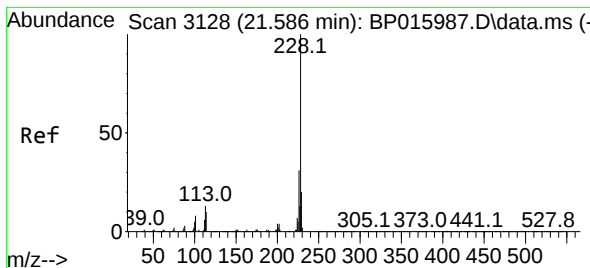
Delta R.T. 0.000 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Tgt Ion:	228	Resp:	124478
Ion Ratio	Lower	Upper	
228	100		
229	24.4	15.3	22.9
226	26.9	21.4	32.0





#87

Chrysene

Concen: 2.725 ng/ul

RT: 21.592 min Scan# 3128

Delta R.T. 0.006 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Instrument :

BNA_P

ClientSampleId :

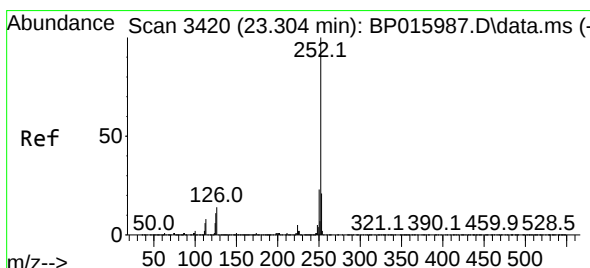
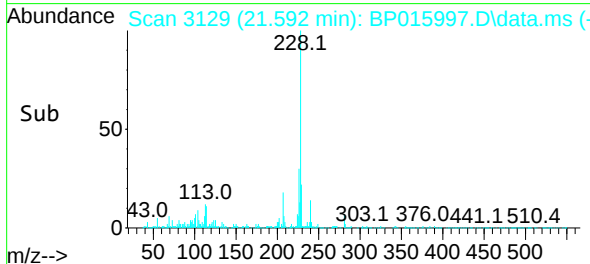
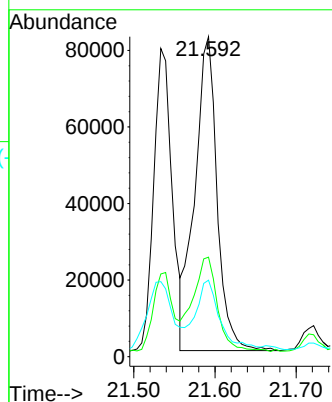
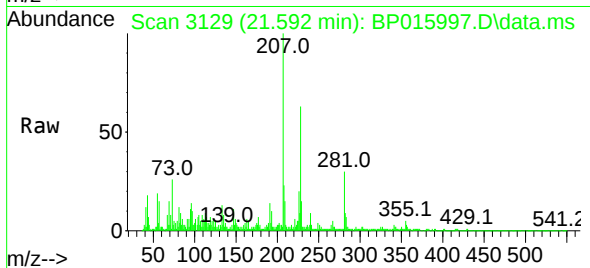
DCGF5

Tgt Ion:228 Resp: 157030
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 23.9 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 3.708 ng/ul

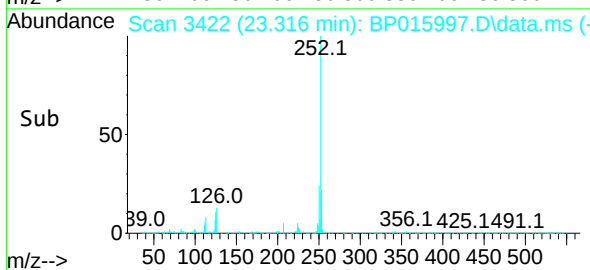
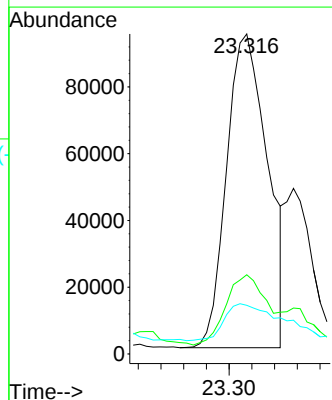
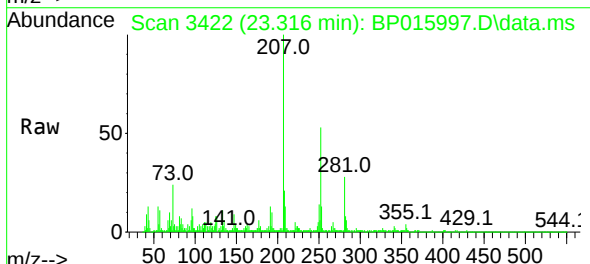
RT: 23.316 min Scan# 3422

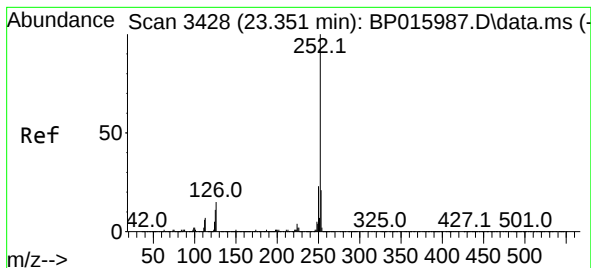
Delta R.T. 0.006 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Tgt Ion:252 Resp: 236124
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.3 25.9
 125 15.2 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 1.245 ng/ul m

RT: 23.357 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Instrument :

BNA_P

ClientSampleId :

DCGF5

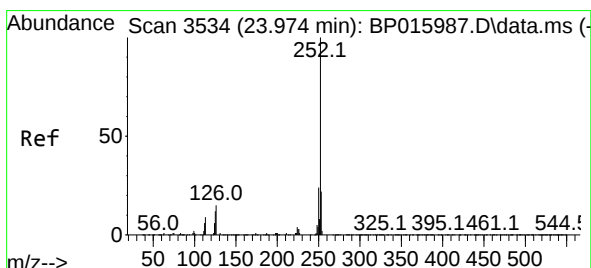
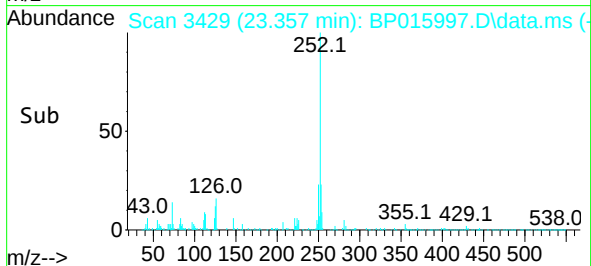
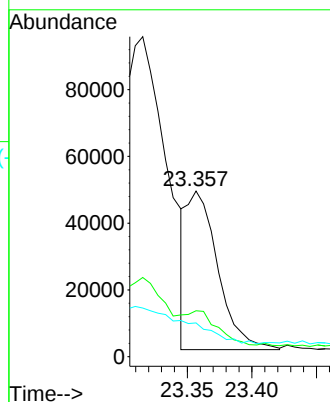
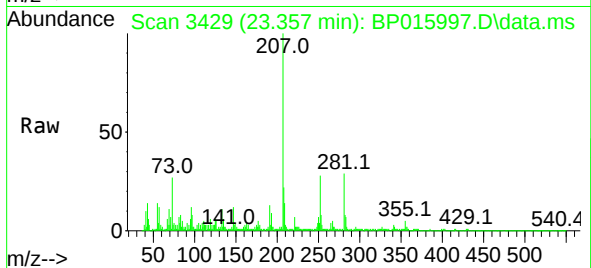
Tgt Ion:	252	Resp:	8010
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.0	25.4
125	20.4	7.3	10.9

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#93

Benzo(a)pyrene

Concen: 2.647 ng/ul

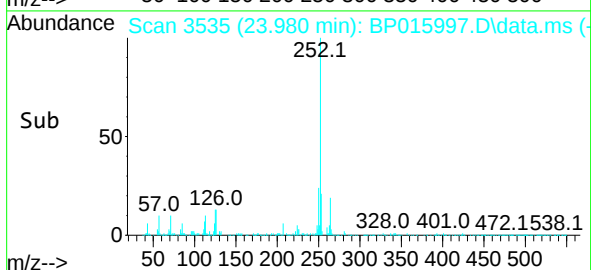
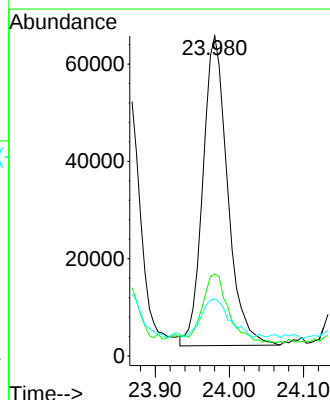
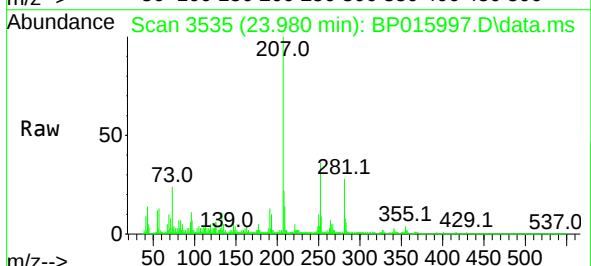
RT: 23.980 min Scan# 3535

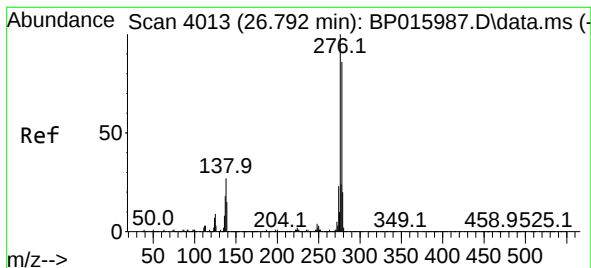
Delta R.T. 0.000 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Tgt Ion:	252	Resp:	147313
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.7	26.5
125	17.9	8.2	12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.606 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Instrument :

BNA_P

ClientSampleId :

DCGF5

Tgt Ion:276 Resp: 121289

Ion Ratio Lower Upper

276 100

138 24.3 15.7 23.5

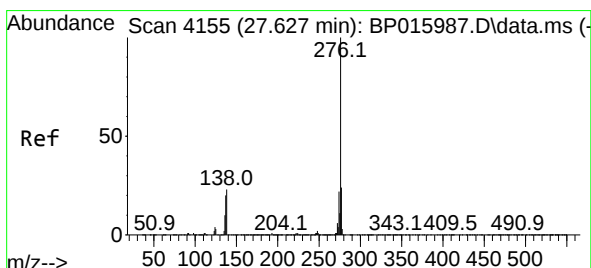
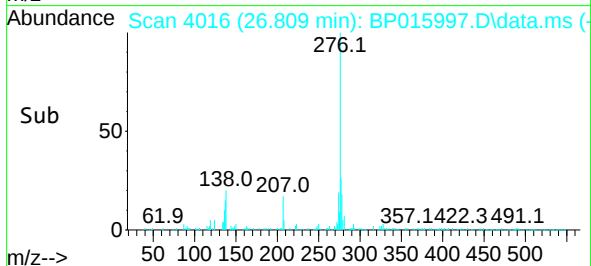
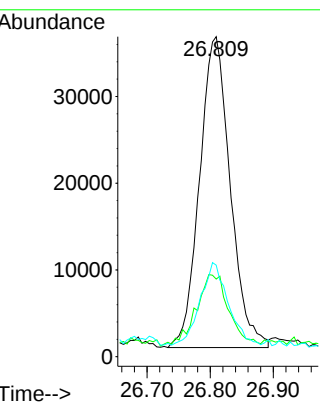
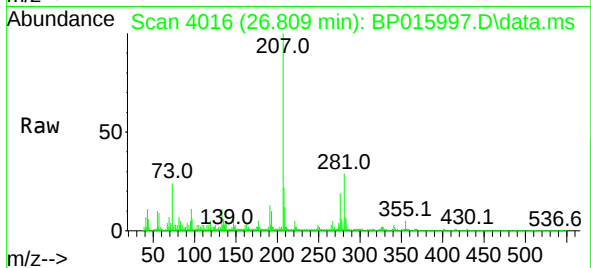
277 28.6 19.6 29.4

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.875 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015997.D

Acq: 05 Jul 2023 03:33

Tgt Ion:276 Resp: 116520

Ion Ratio Lower Upper

276 100

138 24.2 15.1 22.7#

277 29.7 18.8 28.2#

