

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071923\  
 Data File : BP016333.D  
 Acq On : 19 Jul 2023 20:28  
 Operator : MA/JU  
 Sample : 03472-19  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 19 22:43:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 19 14:47:57 2023  
 Response via : Initial Calibration

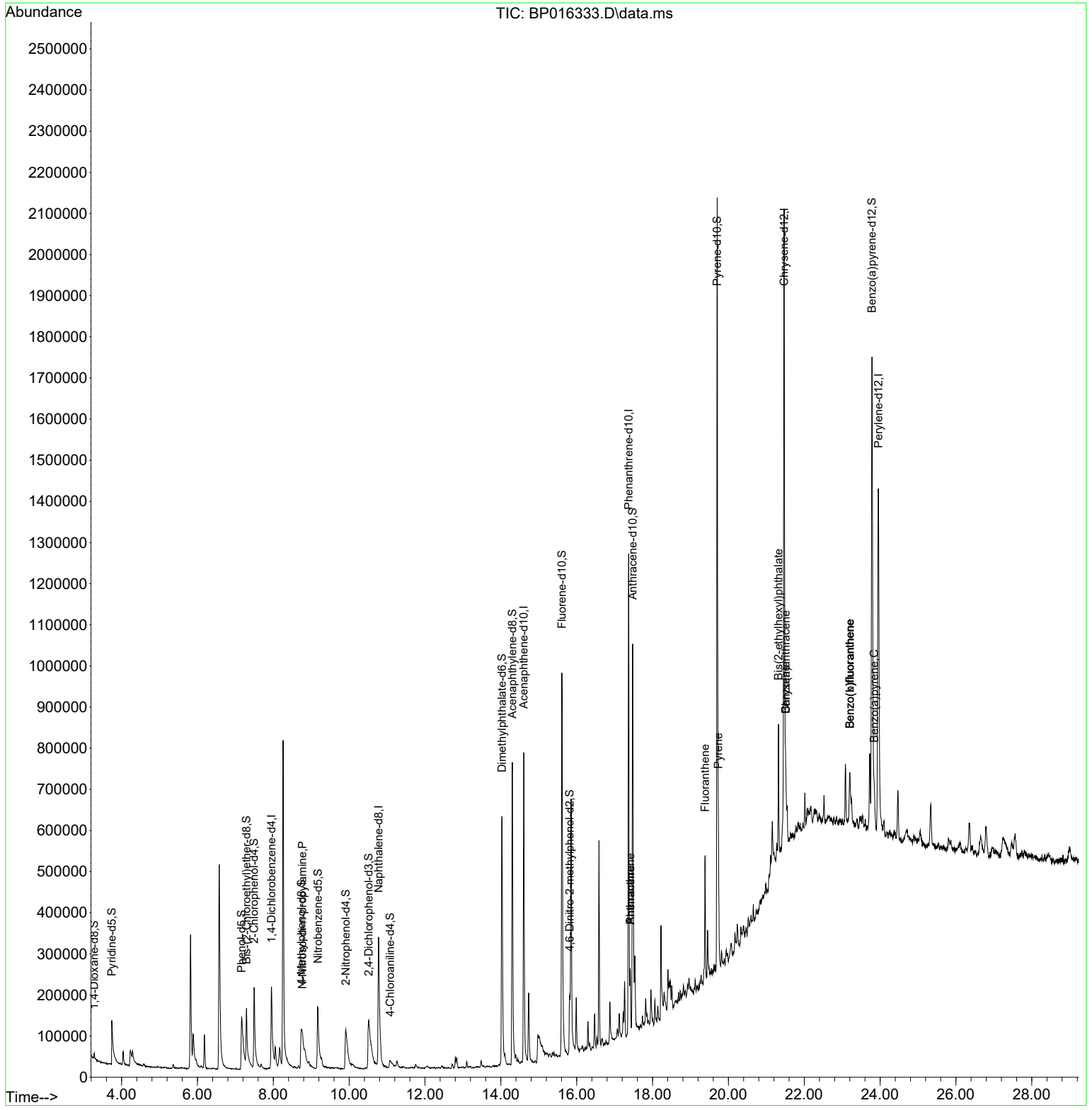
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	78748	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	385255	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.604	164	270249	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.369	188	666651	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	729596	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	815154	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	6729	3.024	ng/uL	0.00
4) Pyridine-d5	3.740	84	75410	13.587	ng/ul	0.02
7) Phenol-d5	7.163	99	154015	21.653	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.293	67	98809	20.544	ng/ul	0.02
11) 2-Chlorophenol-d4	7.493	132	117976	22.976	ng/ul	0.02
15) 4-Methylphenol-d8	8.740	113	51657	9.015	ng/ul	0.05
21) Nitrobenzene-d5	9.175	128	57409	21.600	ng/ul	0.04
24) 2-Nitrophenol-d4	9.910	143	67536	22.295	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.516	165	109941	20.958	ng/ul	0.09
31) 4-Chloroaniline-d4	11.081	131	18915	2.250	ng/ul	0.14
46) Dimethylphthalate-d6	14.028	166	547965	26.581	ng/ul	0.02
49) Acenaphthylene-d8	14.304	160	550388	24.362	ng/ul	0.01
54) 4-Nitrophenol-d4	14.904	143	163	0.039	ng/ul	-0.02
60) Fluorene-d10	15.610	176	479023	27.765	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.816	200	55128	14.325	ng/ul	0.04
73) Anthracene-d10	17.475	188	679519	23.303	ng/ul	0.00
81) Pyrene-d10	19.704	212	1074827	28.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	971684	24.822	ng/ul	0.00
Target Compounds						
17) N-Nitroso-di-n-propyla...	8.769	70	13610	2.687	ng/ul#	85
72) Phenanthrene	17.410	178	84744	2.440	ng/ul	99
74) Anthracene	17.410	178	84960	2.434	ng/ul	99
80) Fluoranthene	19.386	202	182213	4.116	ng/ul#	94
82) Pyrene	19.733	202	173348	3.667	ng/ul	99
85) Benzo(a)anthracene	21.510	228	91493	1.926	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.322	149	81674	2.682	ng/ul#	100
87) Chrysene	21.510	228	91564	1.902	ng/ul	98
90) Benzo(b)fluoranthene	23.204	252	115523	2.481	ng/ul#	91
91) Benzo(k)fluoranthene	23.204	252	115523	2.438	ng/ul#	91
93) Benzo(a)pyrene	23.845	252	65110	1.412	ng/ul#	85

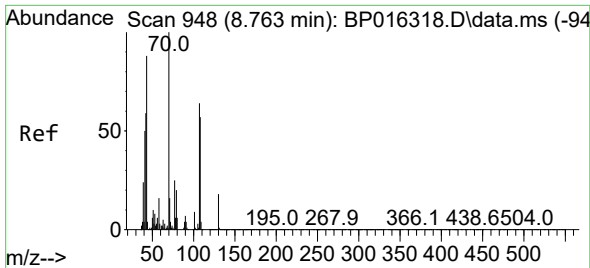
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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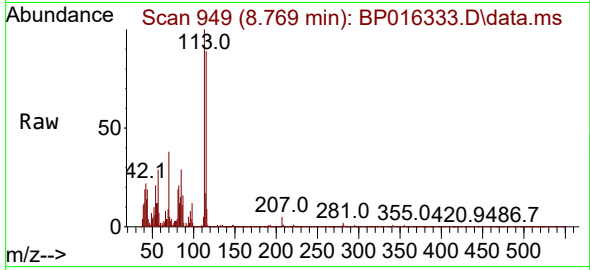
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 19 14:47:57 2023  
 Response via : Initial Calibration



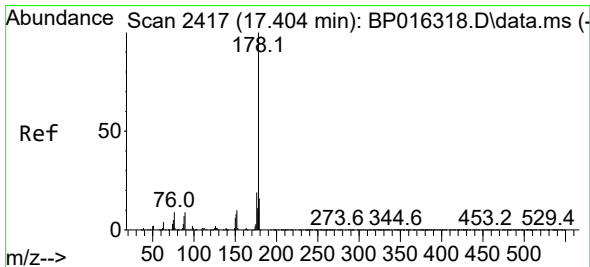
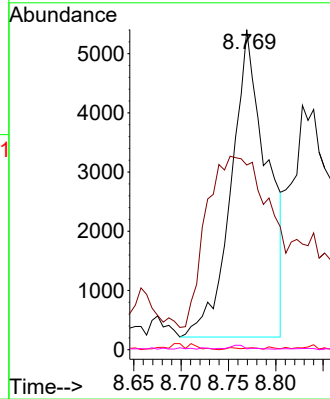
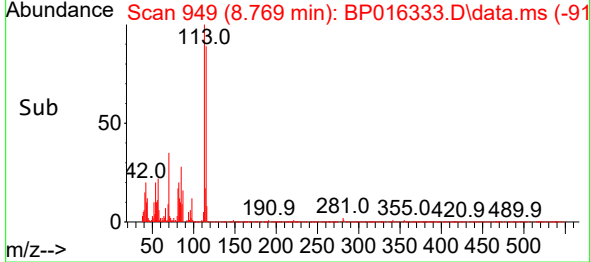


#17  
 N-Nitroso-di-n-propylamine  
 Concen: 2.687 ng/ul  
 RT: 8.769 min Scan# 948  
 Delta R.T. 0.006 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

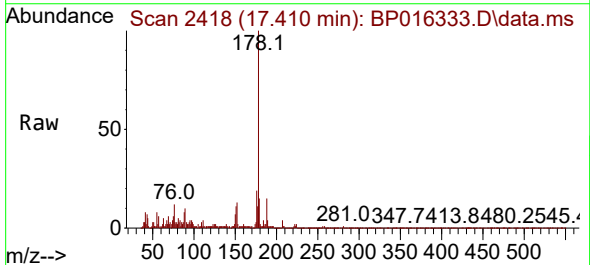
Instrument :  
 BNA\_G  
 ClientSampleId :



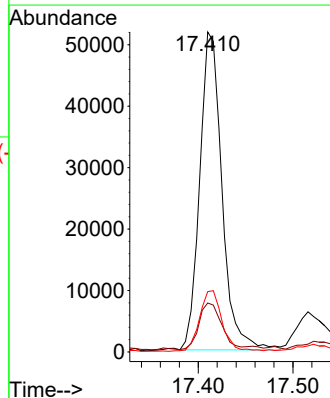
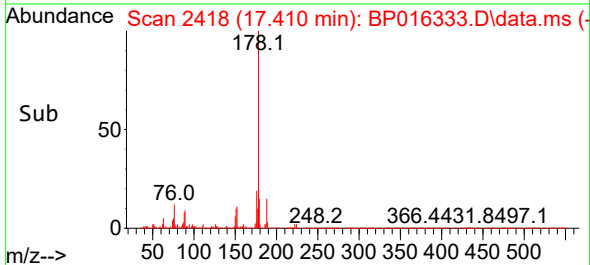
Tgt Ion: 70 Resp: 13610  
 Ion Ratio Lower Upper  
 70 100  
 42 57.7 50.8 76.2  
 101 0.5 7.0 10.6#  
 130 0.3 13.3 19.9#

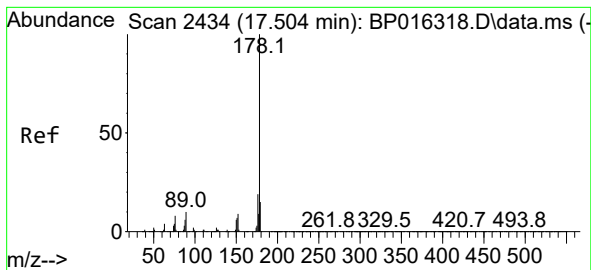


#72  
 Phenanthrene  
 Concen: 2.440 ng/ul  
 RT: 17.410 min Scan# 2418  
 Delta R.T. 0.006 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28



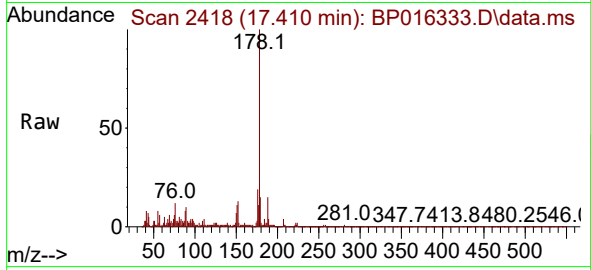
Tgt Ion: 178 Resp: 84744  
 Ion Ratio Lower Upper  
 178 100  
 179 15.3 12.5 18.7  
 176 18.8 15.6 23.4



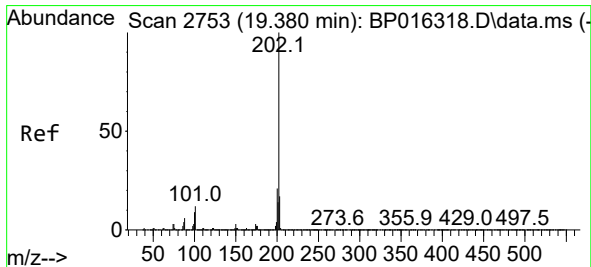
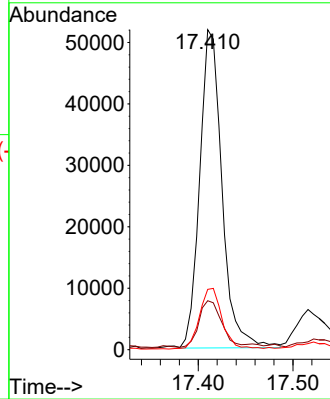
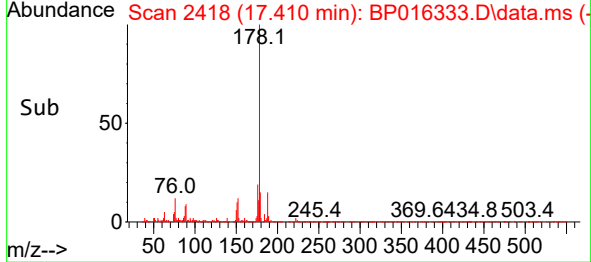


#74  
 Anthracene  
 Concen: 2.434 ng/ul  
 RT: 17.410 min Scan# 24  
 Delta R.T. -0.094 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

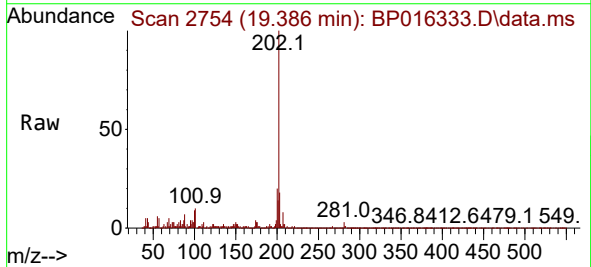
Instrument :  
 BNA\_G  
 ClientSampleId :



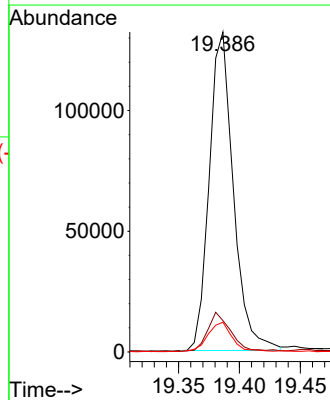
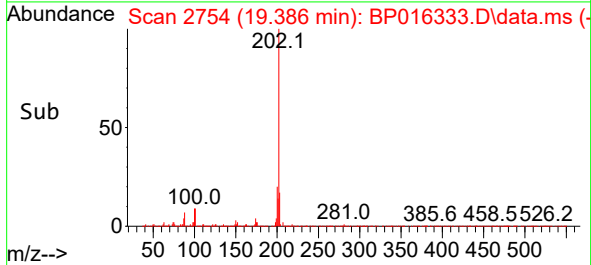
Tgt Ion:178 Resp: 84960  
 Ion Ratio Lower Upper  
 178 100  
 179 15.3 11.9 17.9  
 176 18.8 15.0 22.4

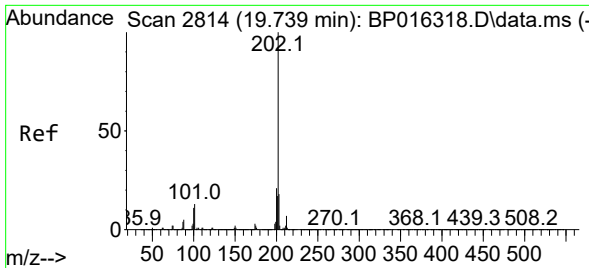


#80  
 Fluoranthene  
 Concen: 4.116 ng/ul  
 RT: 19.386 min Scan# 2754  
 Delta R.T. 0.006 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28



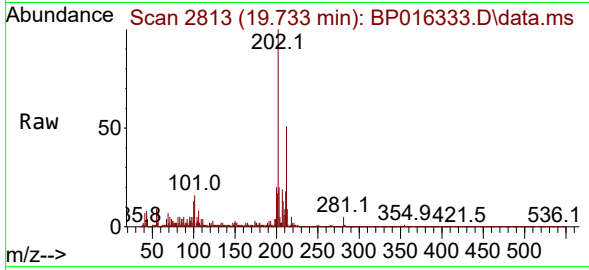
Tgt Ion:202 Resp: 182213  
 Ion Ratio Lower Upper  
 202 100  
 101 9.8 10.4 15.6#  
 100 9.3 8.2 12.4



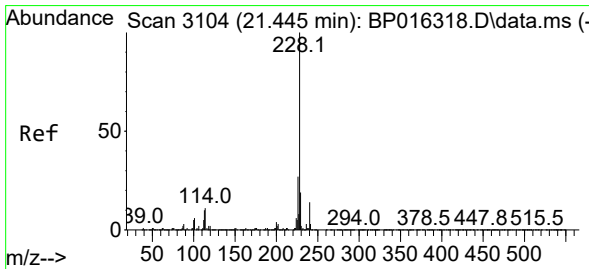
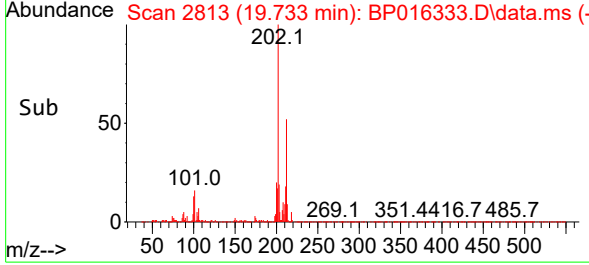
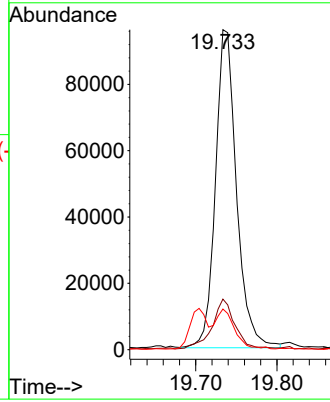


#82  
 Pyrene  
 Concen: 3.667 ng/ul  
 RT: 19.733 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

Instrument :  
 BNA\_G  
 ClientSampleId :

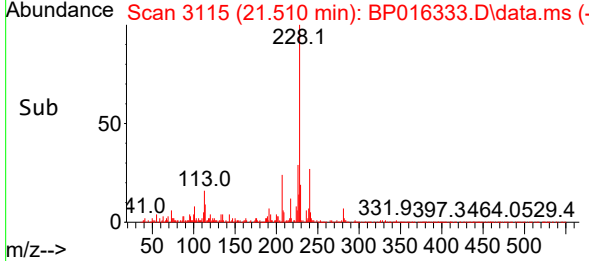
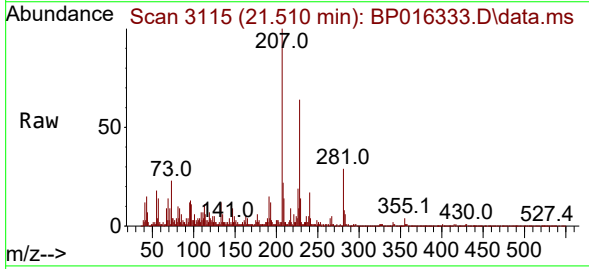
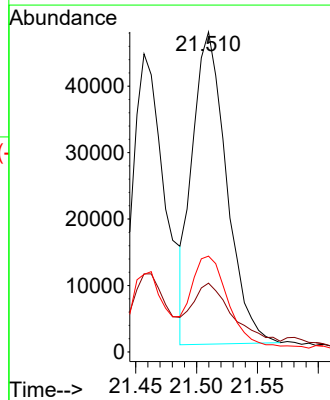


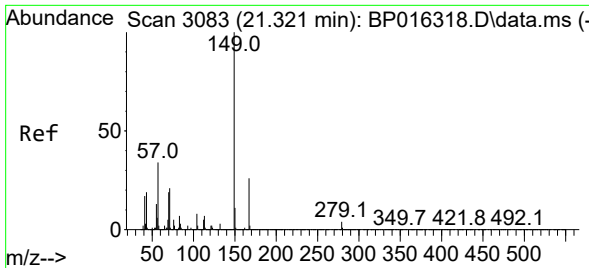
Tgt Ion:202 Resp: 173348  
 Ion Ratio Lower Upper  
 202 100  
 101 15.8 12.4 18.6  
 100 12.7 10.5 15.7



#85  
 Benzo(a)anthracene  
 Concen: 1.926 ng/ul  
 RT: 21.510 min Scan# 3115  
 Delta R.T. 0.065 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

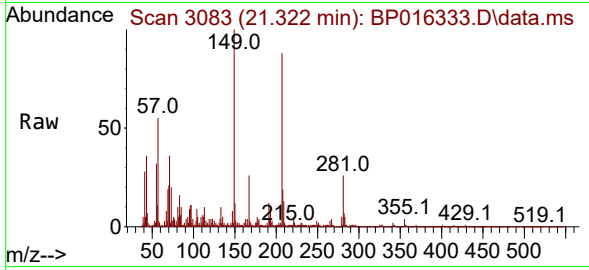
Tgt Ion:228 Resp: 91493  
 Ion Ratio Lower Upper  
 228 100  
 229 21.5 15.5 23.3  
 226 30.0 21.5 32.3



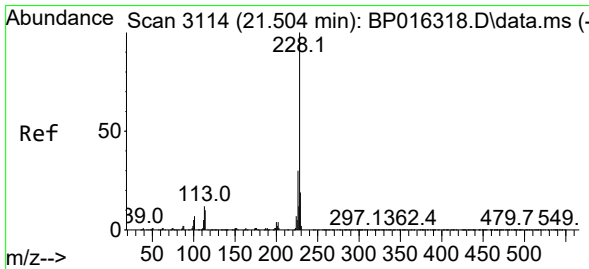
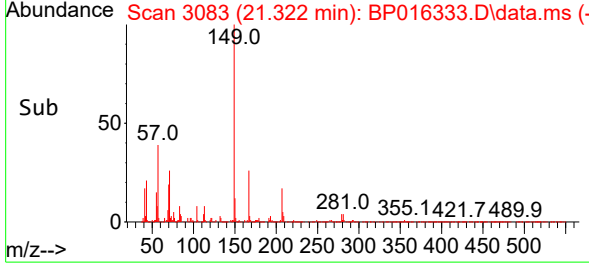
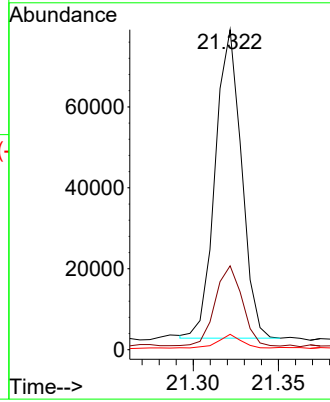


#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.682 ng/ul  
 RT: 21.322 min Scan# 3083  
 Delta R.T. 0.000 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

Instrument : BNA\_G  
 ClientSampleId :

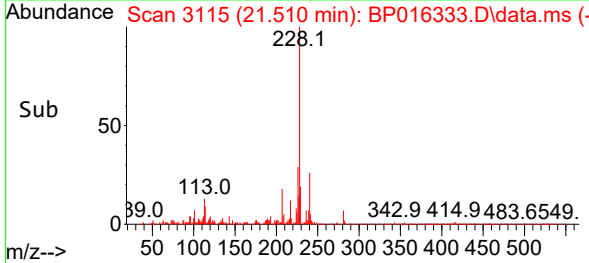
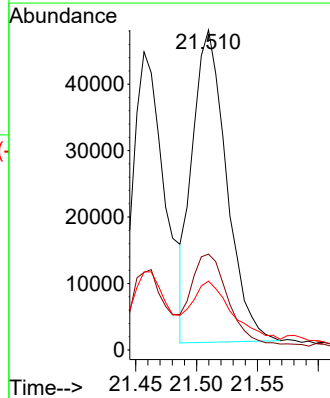
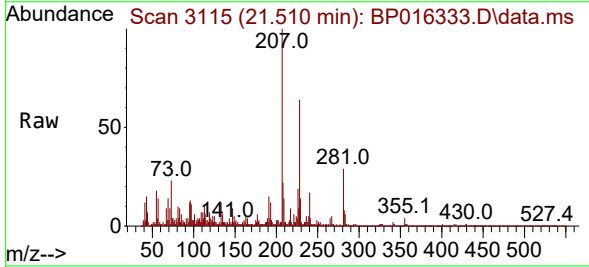


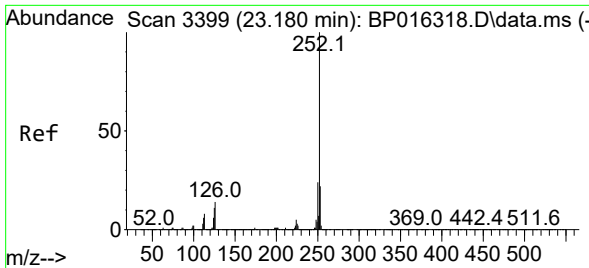
Tgt Ion	Resp	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	4.8	3.0	4.6



#87  
 Chrysene  
 Concen: 1.902 ng/ul  
 RT: 21.510 min Scan# 3115  
 Delta R.T. 0.006 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

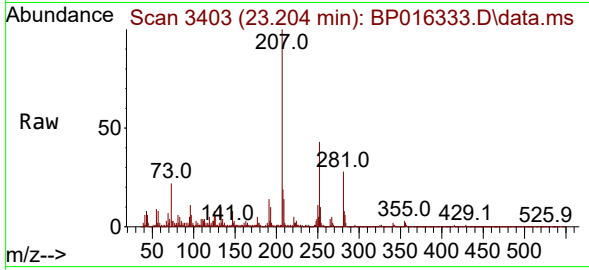
Tgt Ion	Resp	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	21.5	15.5	23.3



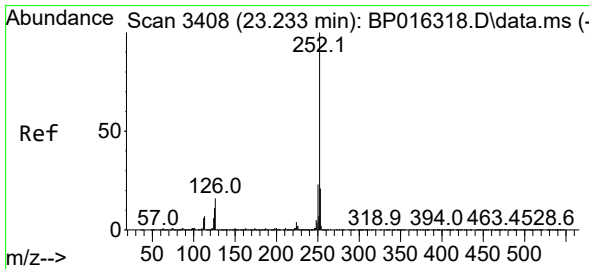
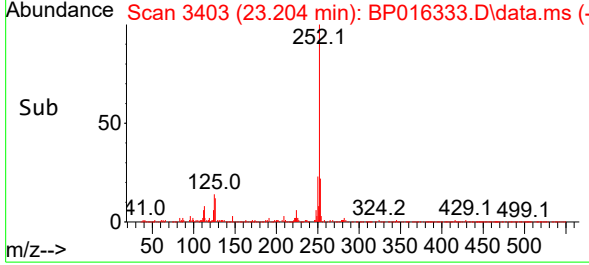
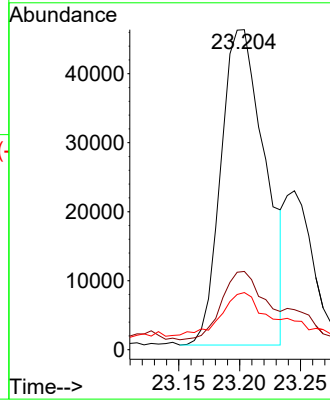


#90  
 Benzo(b)fluoranthene  
 Concen: 2.481 ng/ul  
 RT: 23.204 min Scan# 3403  
 Delta R.T. 0.024 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

Instrument : BNA\_G  
 ClientSampleId :

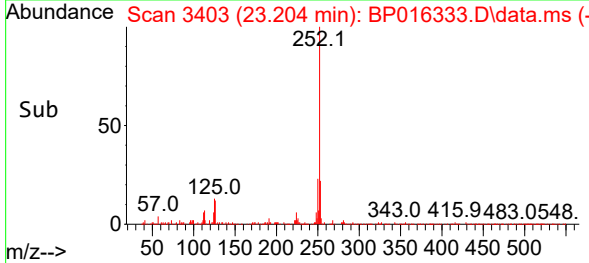
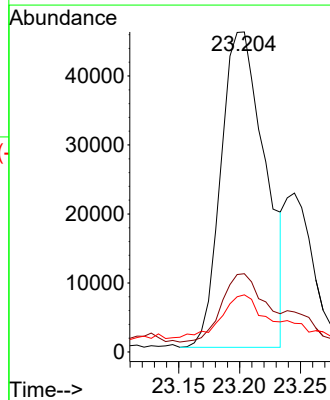
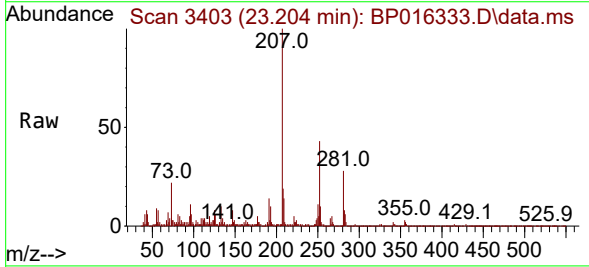


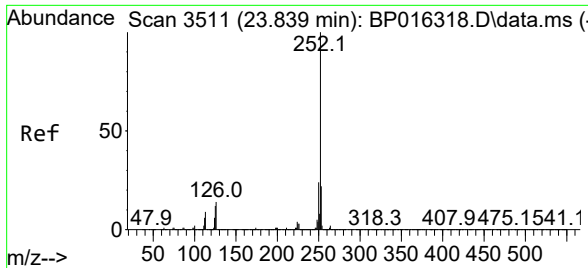
Tgt Ion:252 Resp: 115523  
 Ion Ratio Lower Upper  
 252 100  
 253 24.4 17.3 25.9  
 125 17.8 9.4 14.0#



#91  
 Benzo(k)fluoranthene  
 Concen: 2.438 ng/ul  
 RT: 23.204 min Scan# 3403  
 Delta R.T. -0.029 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

Tgt Ion:252 Resp: 115523  
 Ion Ratio Lower Upper  
 252 100  
 253 24.4 17.4 26.2  
 125 17.8 9.3 13.9#





#93  
 Benzo(a)pyrene  
 Concen: 1.412 ng/ul  
 RT: 23.845 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BP016333.D  
 Acq: 19 Jul 2023 20:28

Instrument :  
 BNA\_G  
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Tgt Ion:252 Resp: 65110

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.2	25.8#
125	18.2	9.8	14.6#

