

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018010.D
 Acq On : 10 Nov 2023 03:28
 Operator : MA/JU
 Sample : 05091-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCK12

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 10 04:16:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	37548	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	151214	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.539	164	91608	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	213782	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	222171	20.000	ng/u1	-0.01
88) Perylene-d12	23.951	264	252765	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	1821	1.660	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.040	99	25609	7.258	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	17029	7.967	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	22331	7.910	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	11855m	4.189	ng/u1	0.01
21) Nitrobenzene-d5	9.081	128	10063m	7.431	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	10751m	7.134	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	16923	6.268	ng/u1	0.02
31) 4-Chloroaniline-d4	10.893	131	16253m	4.393	ng/u1	0.02
46) Dimethylphthalate-d6	13.963	166	76671	9.105	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	76581	8.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	5550m	4.500	ng/u1	0.06
60) Fluorene-d10	15.539	176	64401	9.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	7105	4.760	ng/u1	0.00
73) Anthracene-d10	17.422	188	102794	8.974	ng/u1	0.00
81) Pyrene-d10	19.669	212	147967	10.348	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	146134	9.947	ng/u1	-0.01
Target Compounds						
					Qvalue	
80) Fluoranthene	19.339	202	23991	1.450	ng/u1	99
82) Pyrene	19.698	202	29243m	1.672	ng/u1	
87) Chrysene	21.480	228	23723m	1.410	ng/u1	
90) Benzo(b)fluoranthene	23.174	252	34823	1.917	ng/u1#	92

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

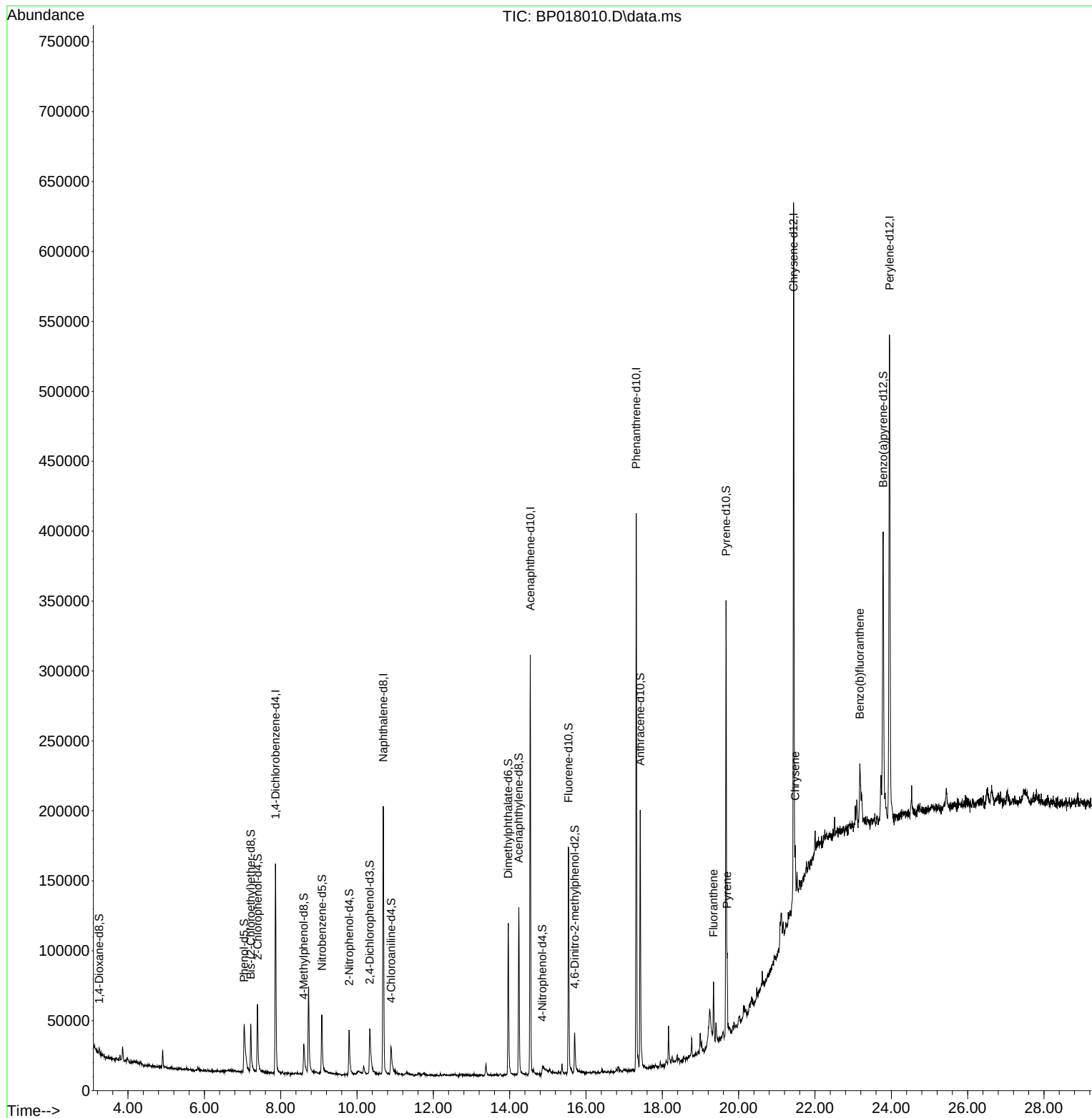
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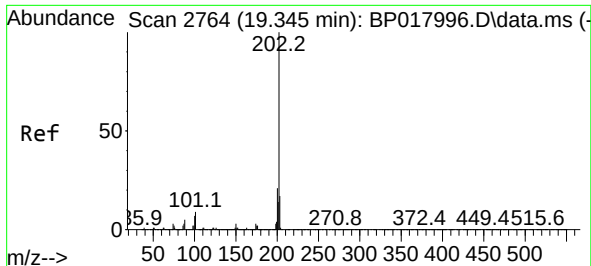
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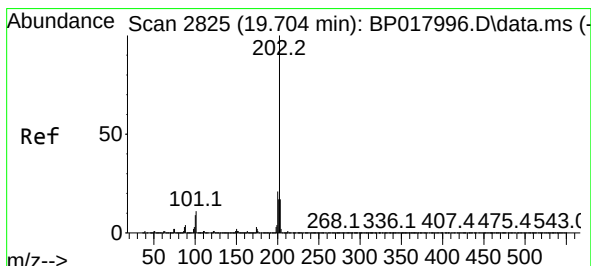
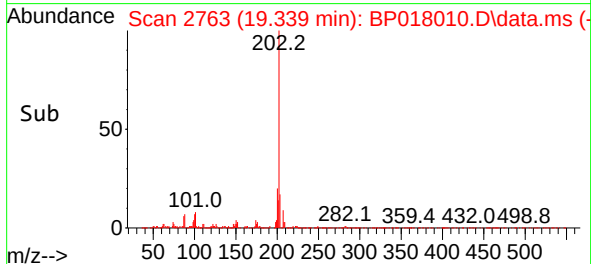
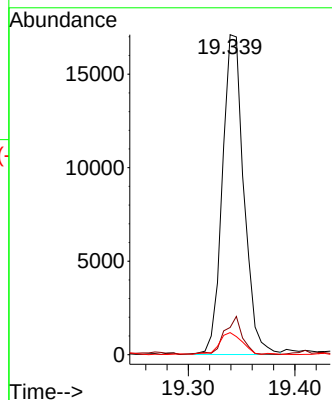
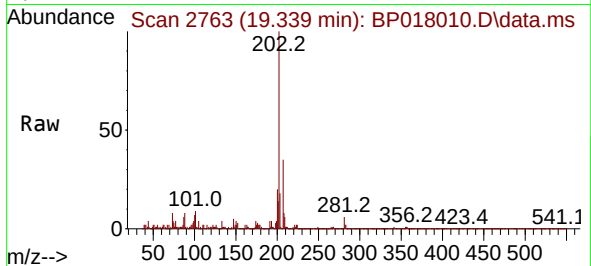
#80
Fluoranthene
Concen: 1.450 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP018010.D
Acq: 10 Nov 2023 03:28

Instrument :
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ClientSampleId :
DCK12

Tgt Ion:202 Resp: 2399
Ion Ratio Lower Upper
202 100
101 8.5 7.4 11.0
100 6.9 5.8 8.6

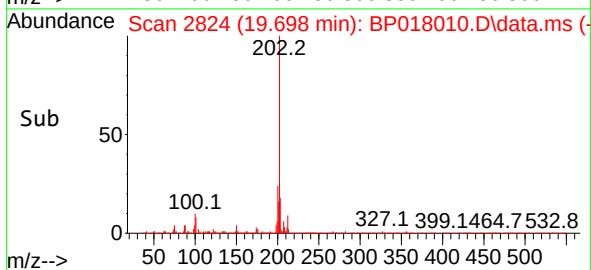
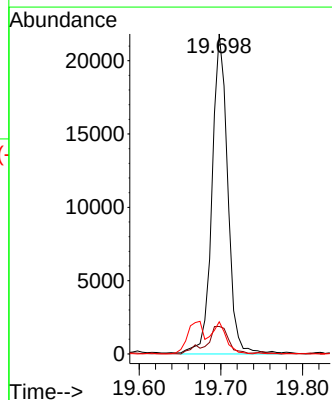
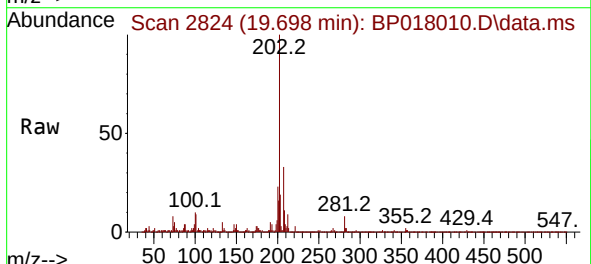
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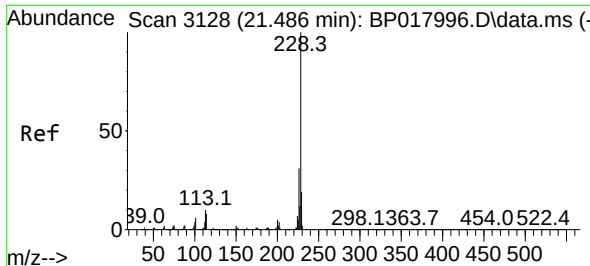
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023



#82
Pyrene
Concen: 1.672 ng/ul m
RT: 19.698 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP018010.D
Acq: 10 Nov 2023 03:28

Tgt Ion:202 Resp: 29243
Ion Ratio Lower Upper
202 100
101 8.6 9.0 13.4#
100 10.1 7.8 11.8





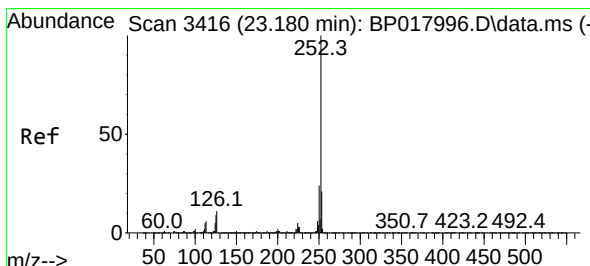
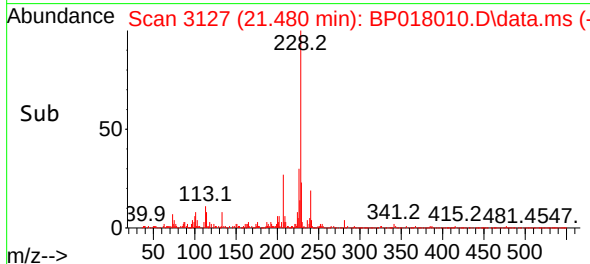
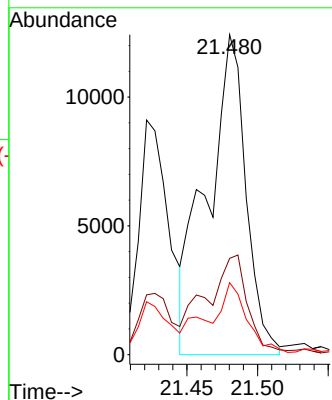
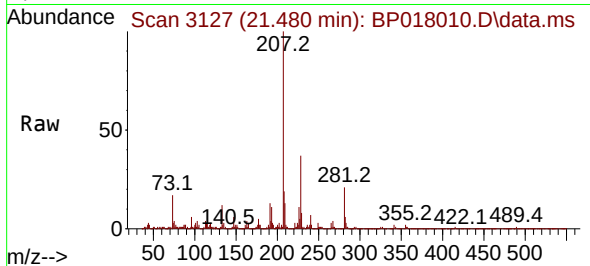
#87
Chrysene
Concen: 1.410 ng/ul m
RT: 21.480 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BP018010.D
Acq: 10 Nov 2023 03:28

Instrument :
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Tgt Ion:228 Resp: 2372
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.5 15.4 23.0

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#90
Benzo(b)fluoranthene
Concen: 1.917 ng/ul
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BP018010.D
Acq: 10 Nov 2023 03:28

Tgt Ion:252 Resp: 34823
Ion Ratio Lower Upper
252 100
253 25.3 17.0 25.4
125 11.5 7.4 11.2#

