

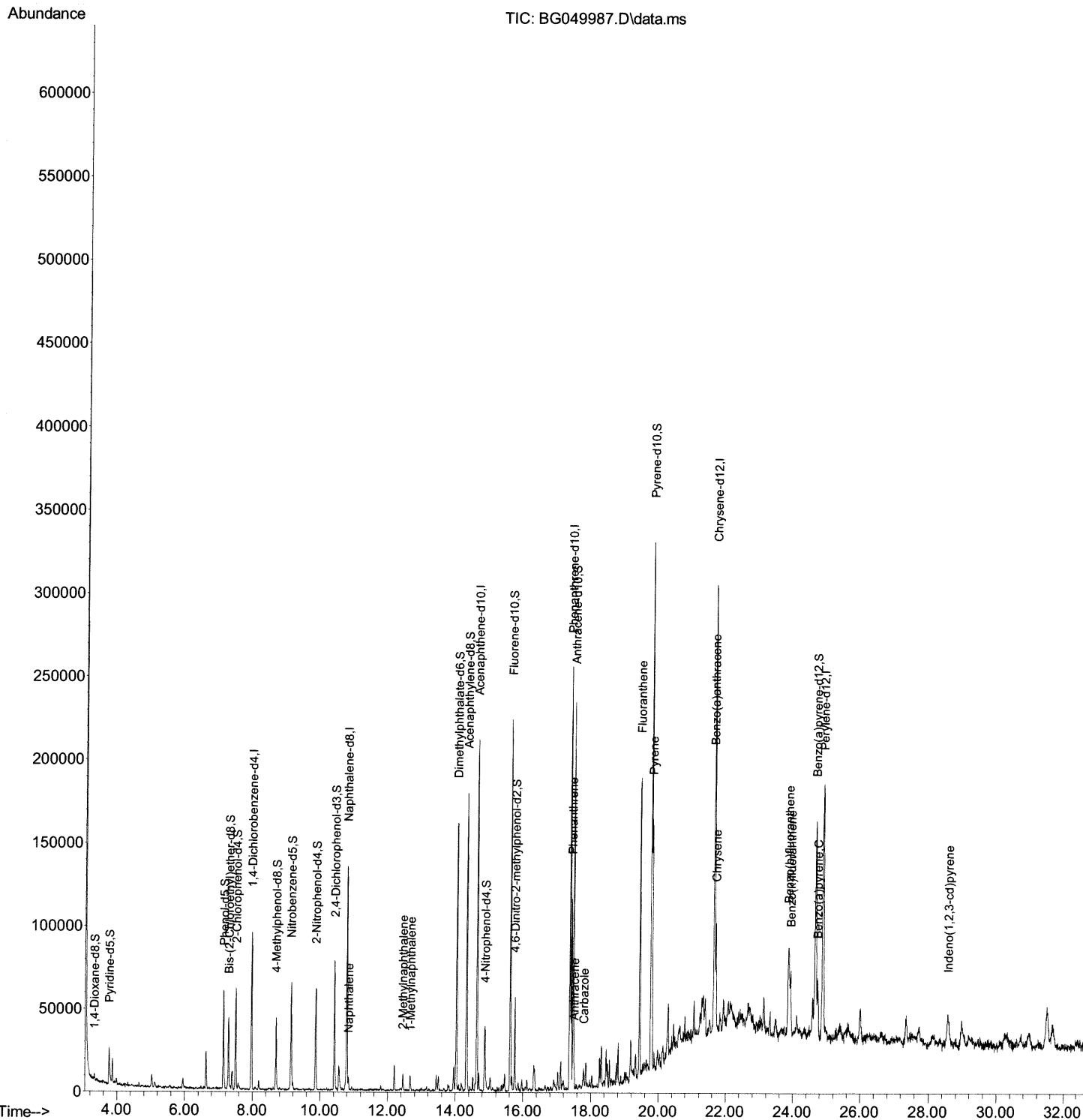
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B56

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:40 PM

Quant Time: Aug 27 02:02:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

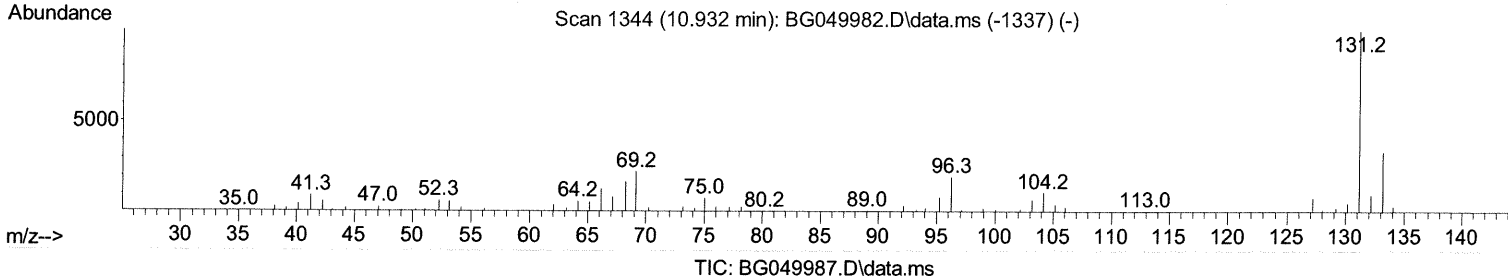
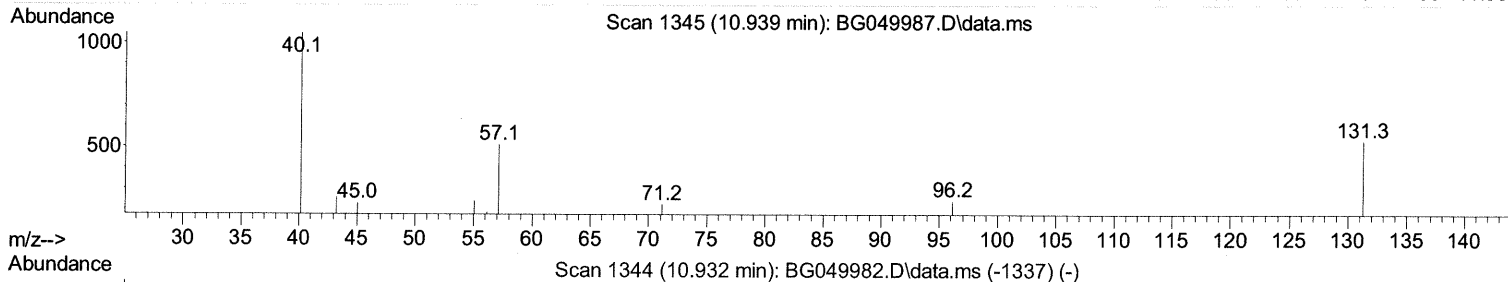
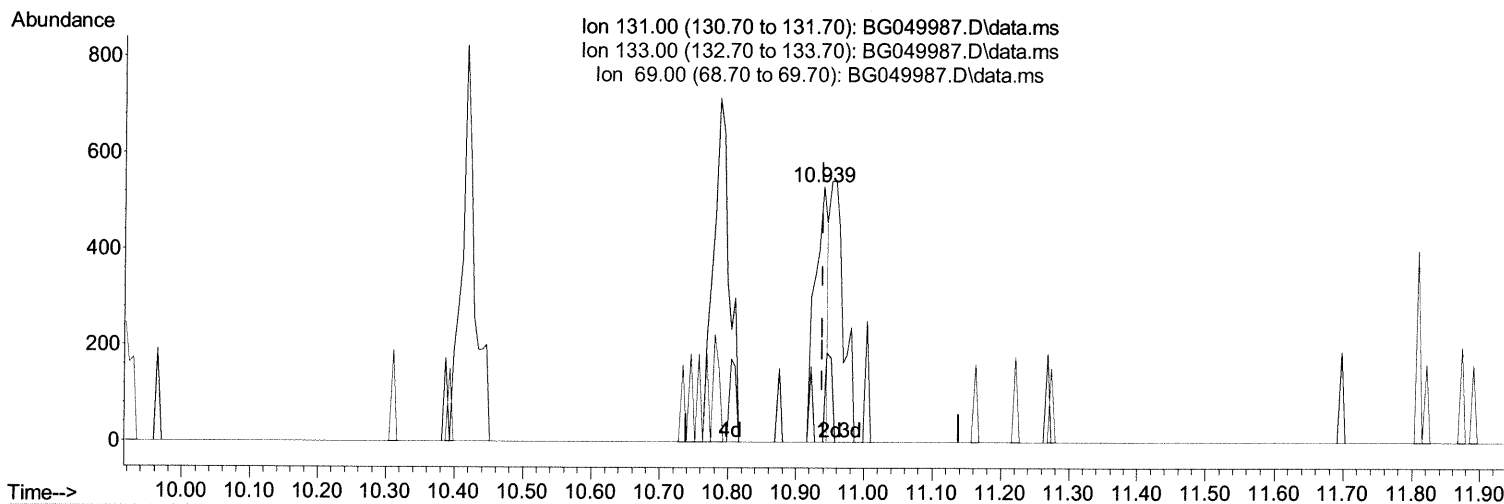
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(31) 4-Chloroaniline-d4 (S)

10.939min (+ 0.001) 0.29 ng/ul

response 718

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	0.00#
69.00	21.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

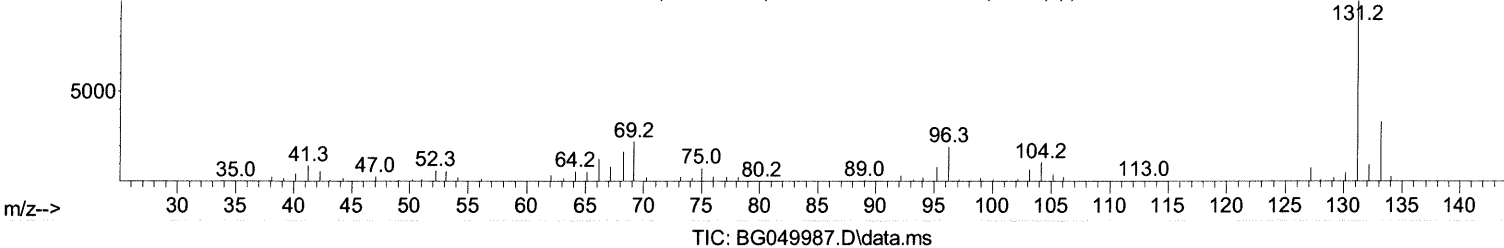
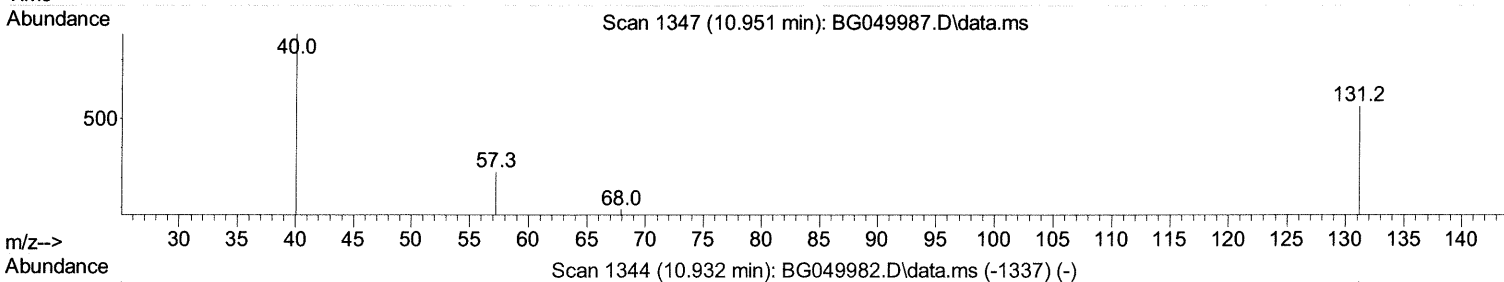
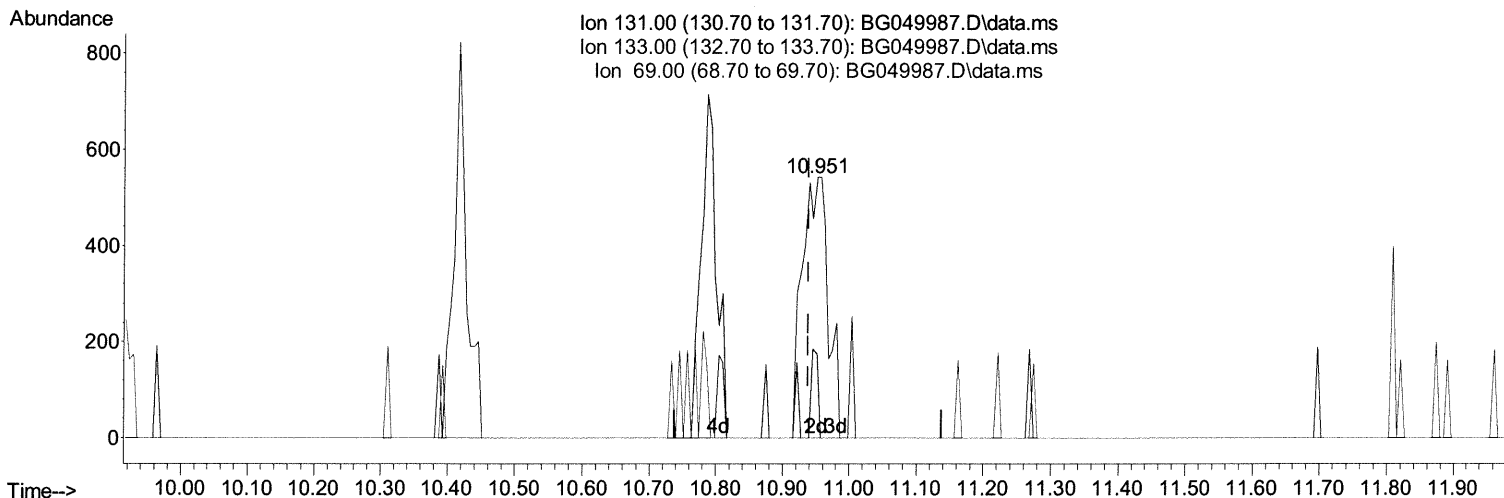
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(31) 4-Chloroaniline-d4 (S)

10.951min (+ 0.013) 0.60 ng/ul m 08/30/21 JU

response 1464

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	32.29
69.00	21.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

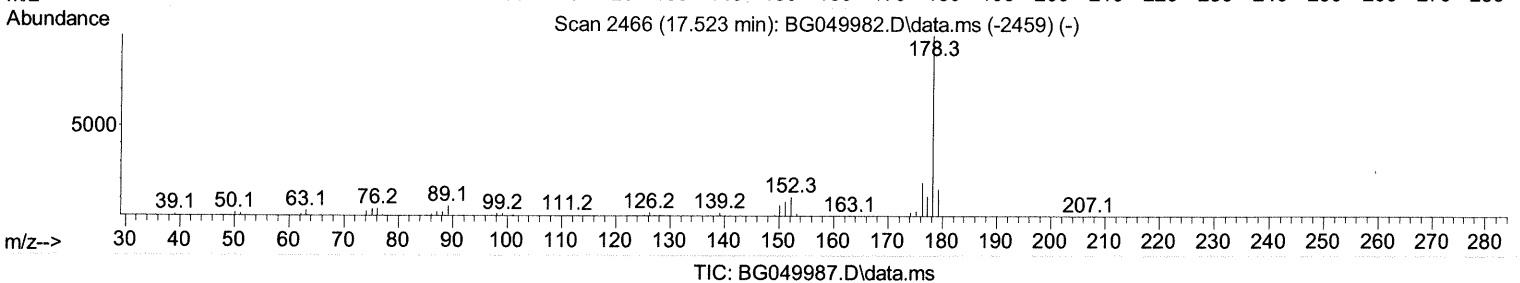
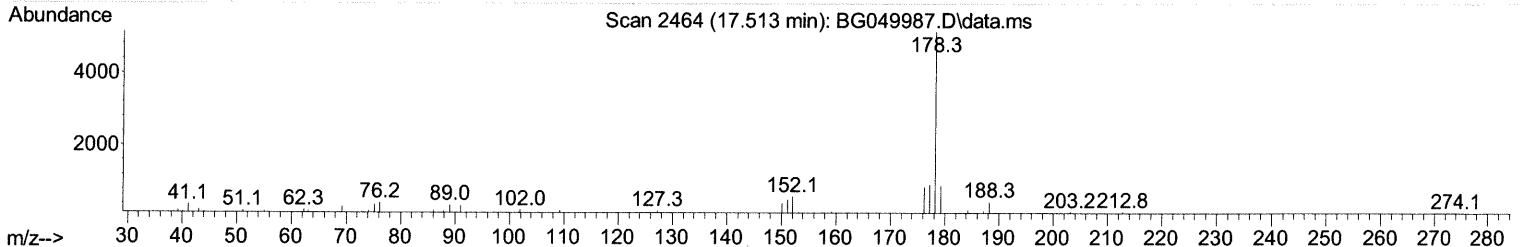
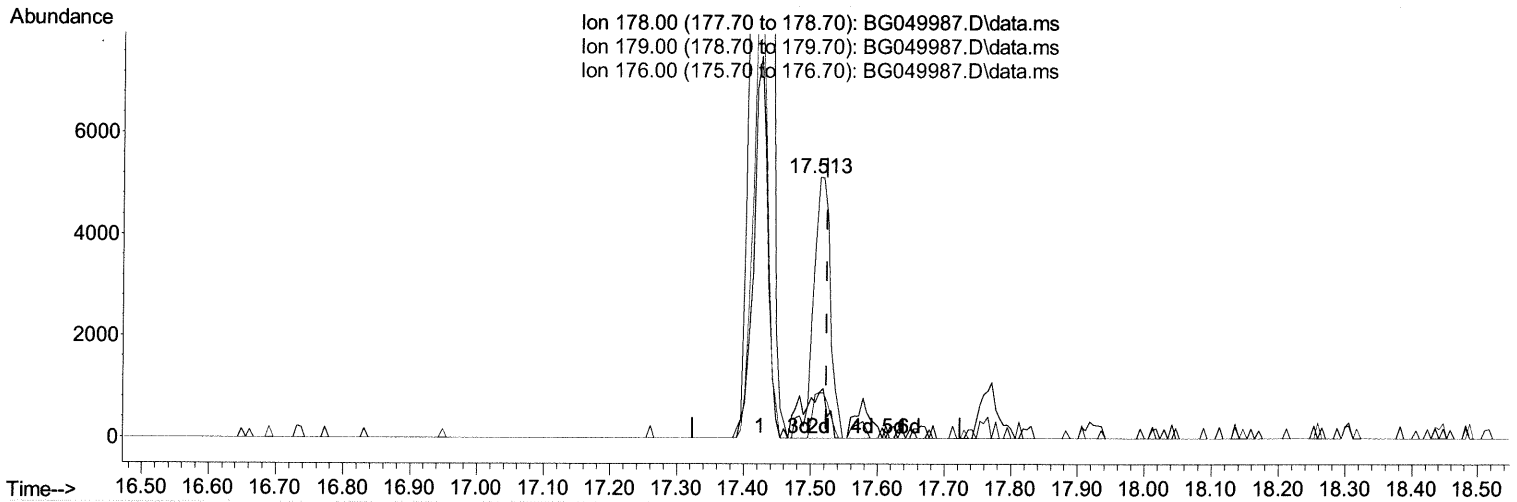
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(74) Anthracene

17.513min (-0.011) 1.12 ng/ul m 08/30/21 JU

response 9040

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.20	17.43#
176.00	16.00	17.28
0.00	0.00	0.00

Quantitation Report (Qedit)

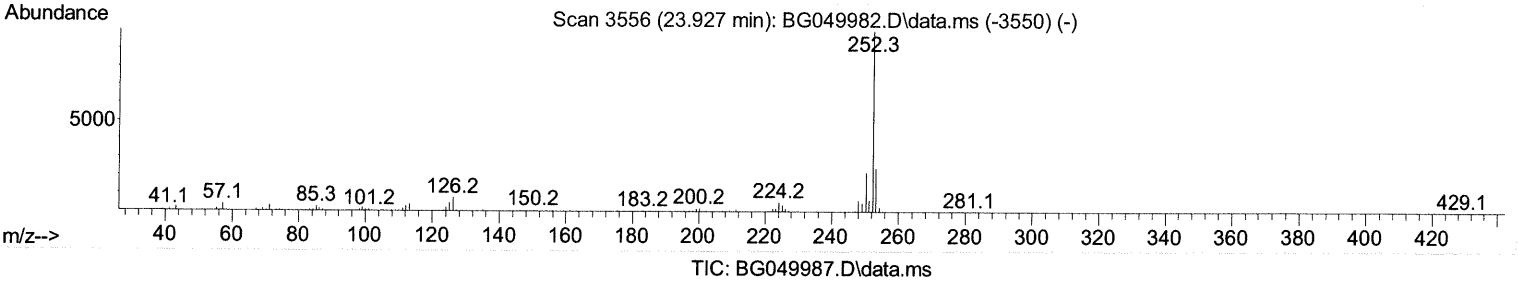
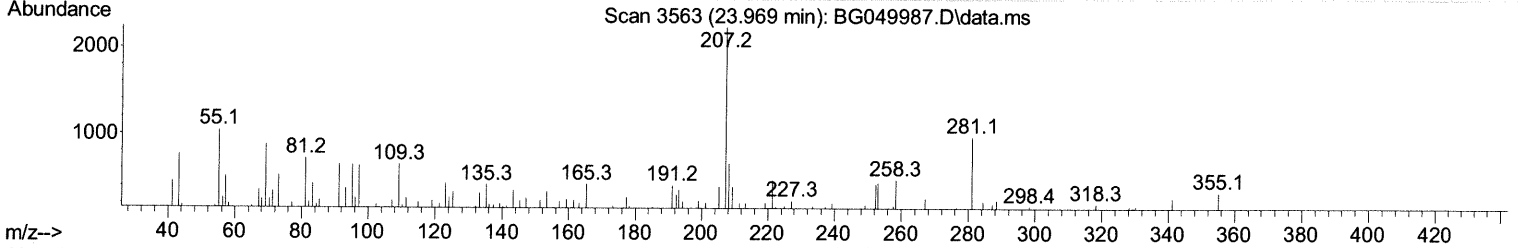
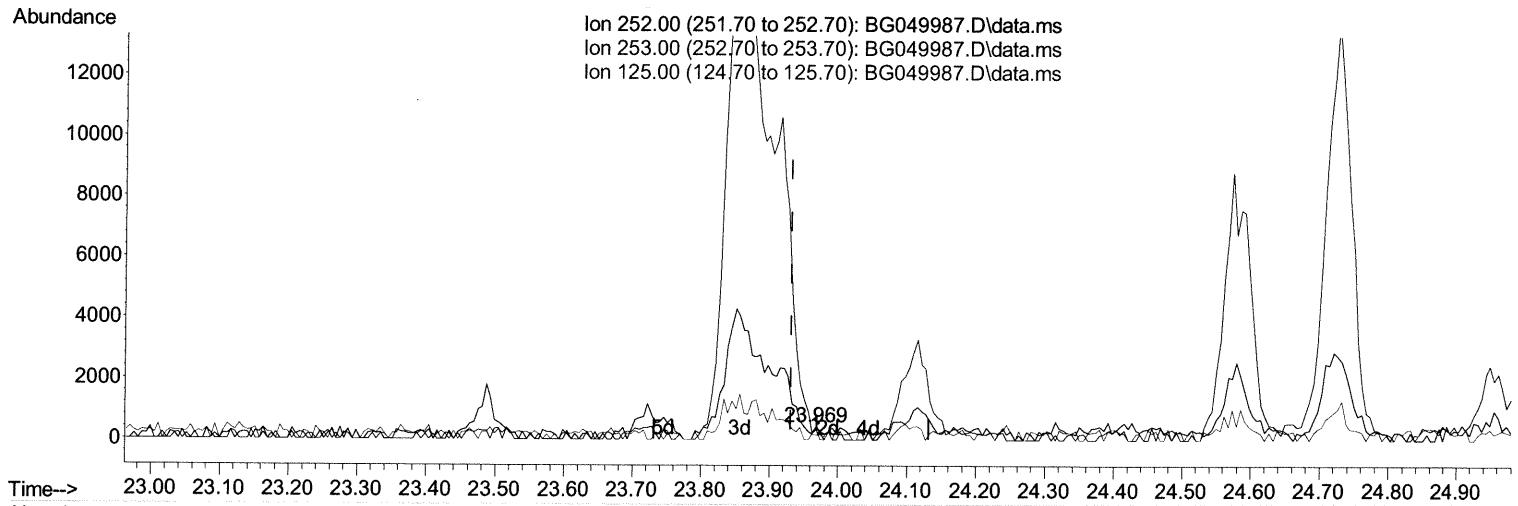
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 Sample : M3458-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(91) Benzo(k)fluoranthene

23.969min (+ 0.036) 0.02 ng/ul

response 164

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	102.34#
125.00	5.10	77.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

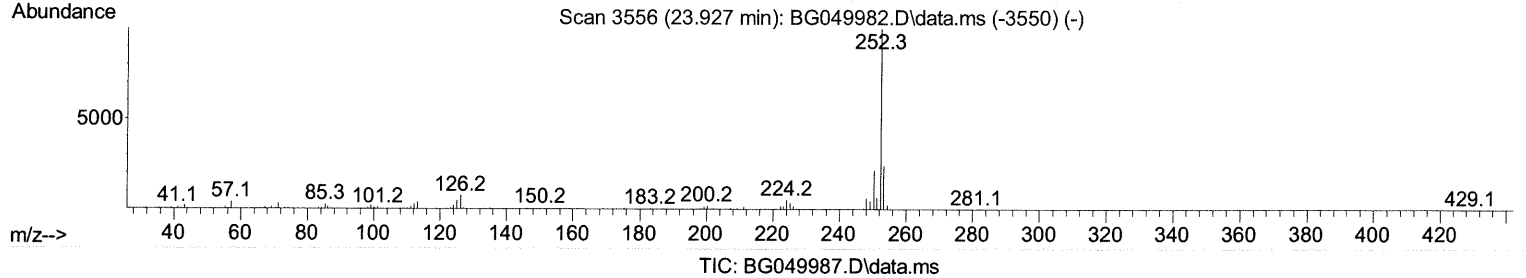
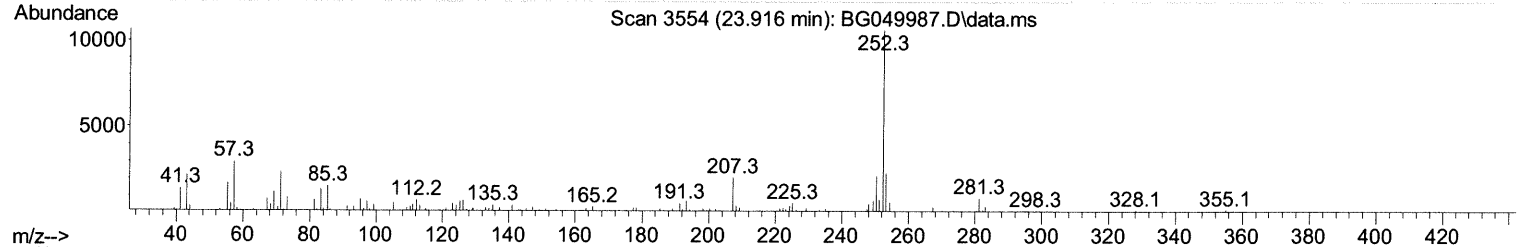
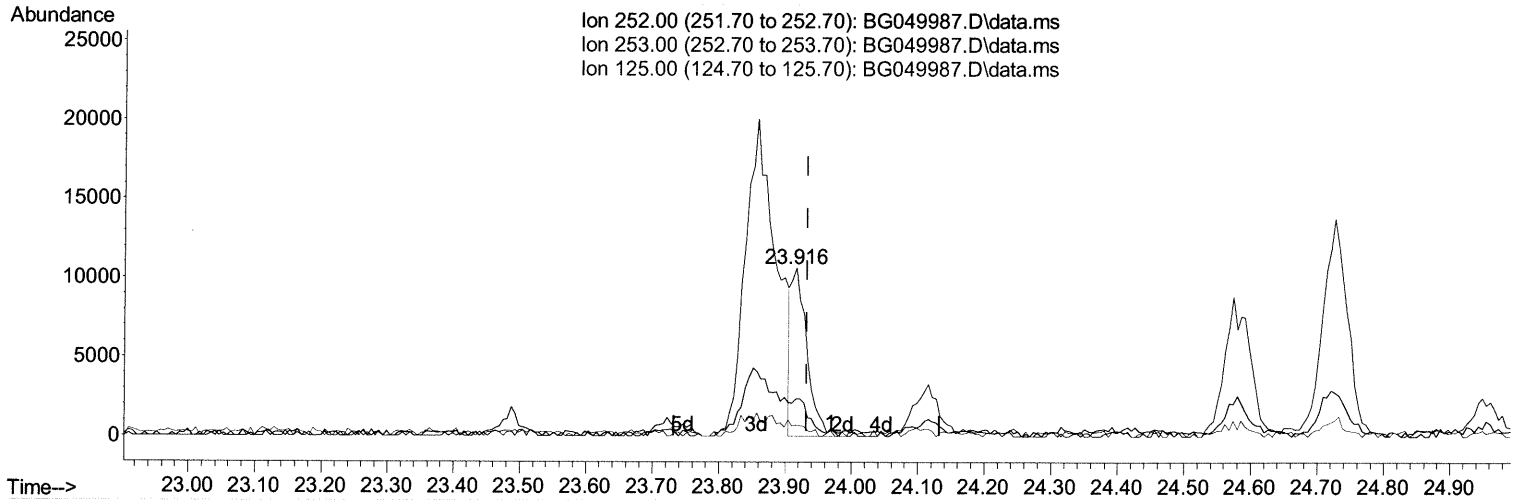
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049987.D
 Acq On : 26 Aug 2021 23:00
 Operator : CG/JU
 Sample : M3458-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B56

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 27 02:02:00 2021
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 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

23.916min (-0.017) 1.90 ng/ul m 08/30/21JU

response 17533

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	22.17
125.00	5.10	6.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

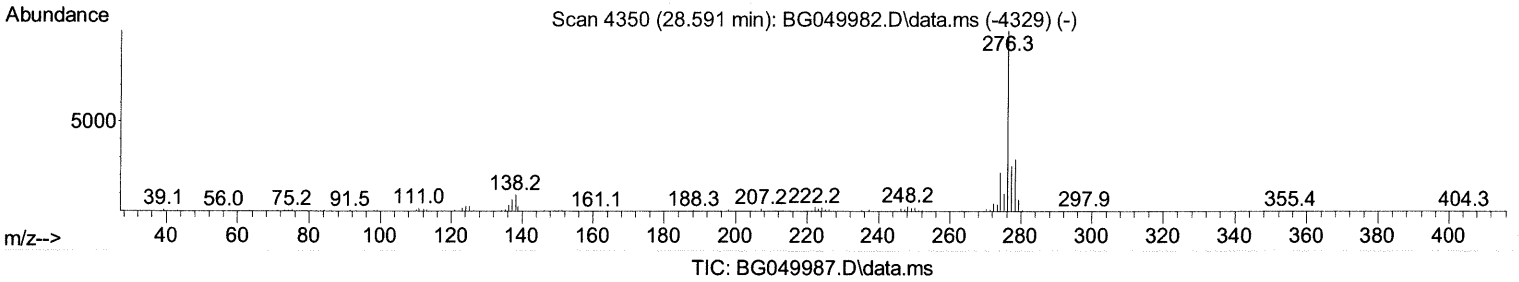
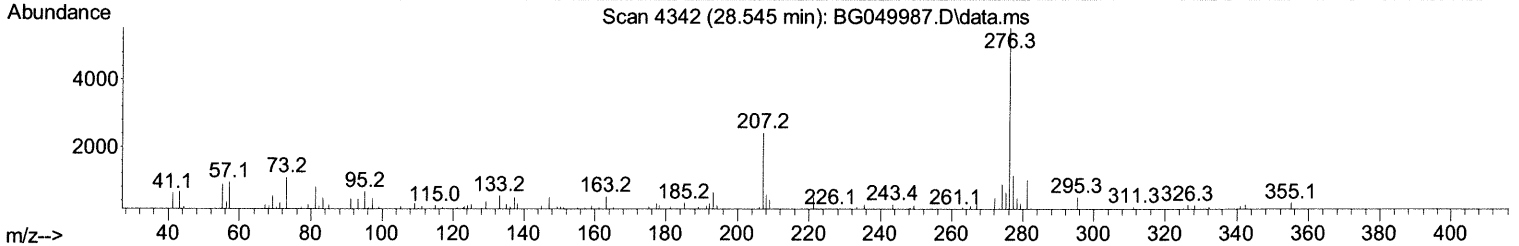
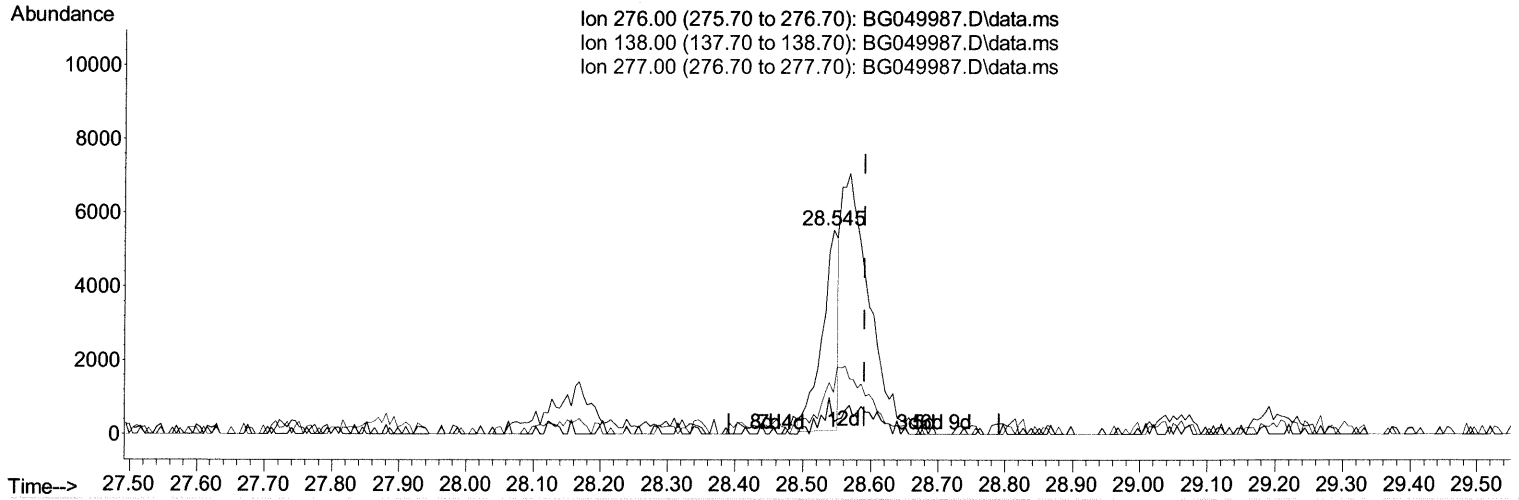
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049987.D
 Acq On : 26 Aug 2021 23:00
 Operator : CG/JU
 Sample : M3458-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B56

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(94) Indeno(1,2,3-cd)pyrene

28.545min (-0.046) 0.83 ng/ul

response 9286

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	5.61
277.00	23.20	20.40
0.00	0.00	0.00

Quantitation Report (Qedit)

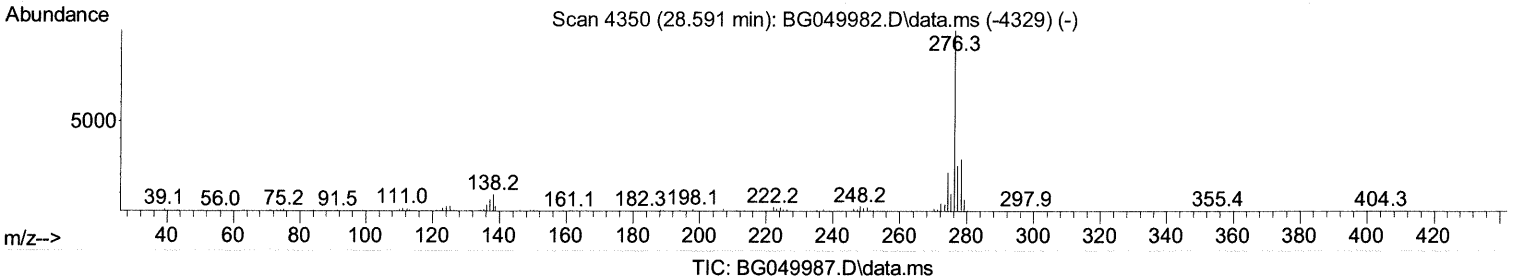
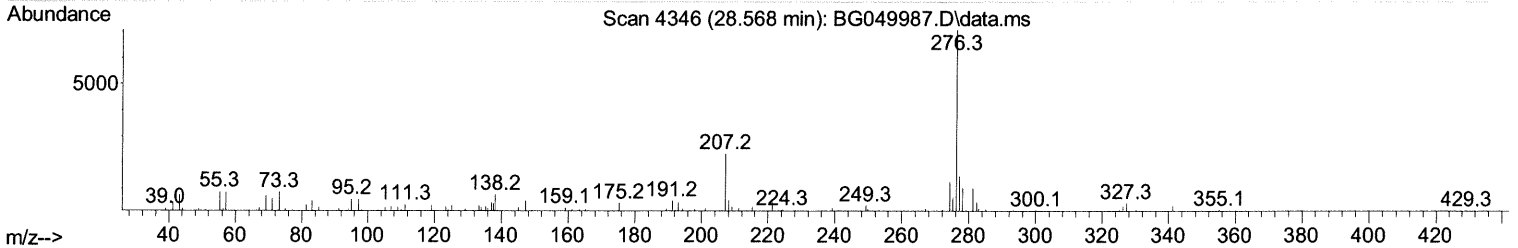
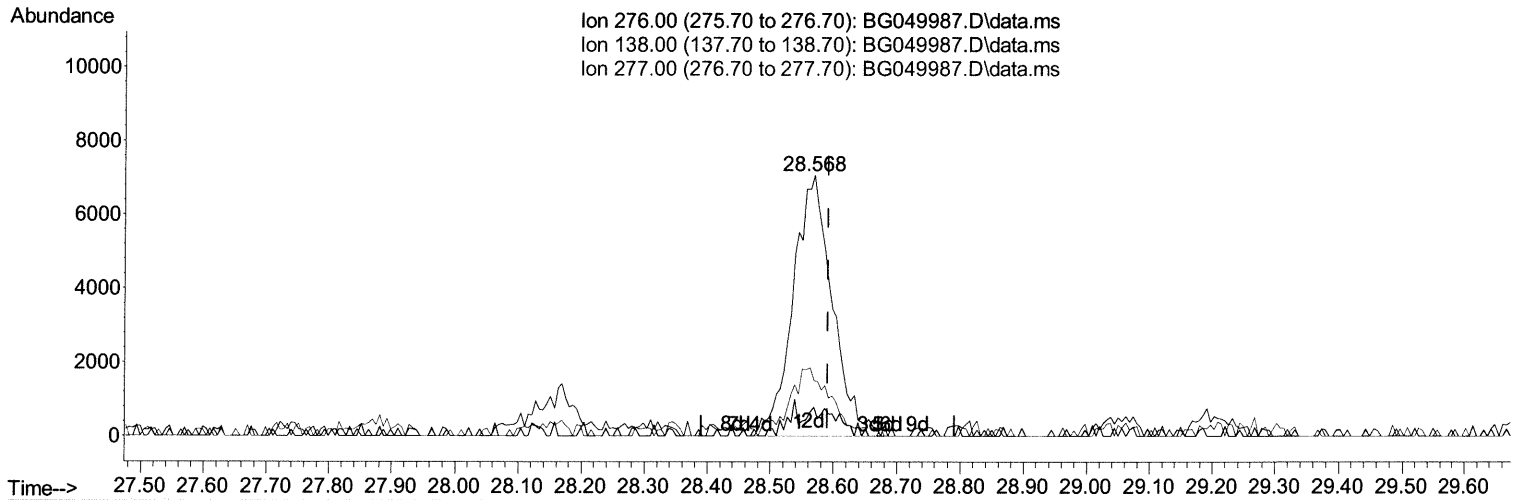
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049987.D
 Acq On : 26 Aug 2021 23:00
 Operator : CG/JU
 Sample : M3458-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B56

Manual Integrations
 APPROVED

mohammad
 8/27/2021 5:08:40 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration



(94) Indeno(1,2,3-cd)pyrene

28.568min (-0.022) 2.71 ng/ul m 08/30/21 JU

response 30172

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.87#
277.00	23.20	21.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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 Operator : CG/JU
 Sample : M3458-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B56

Manual Integrations
 APPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	26275	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	108754	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	72967	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.377	188	159904	20.000	ng/ul	-0.02
79) Chrysene-d12	21.654	240	151928	20.000	ng/ul	-0.01
88) Perylene-d12	24.885	264	151990	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1641	3.221	ng/ul	-0.02
4) Pyridine-d5	3.766	84	13034	8.492	ng/ul	0.00
7) Phenol-d5	7.138	99	34571	15.494	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.291	67	21842	17.621	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.503	132	28268	16.932	ng/ul	-0.01
15) 4-Methylphenol-d8	8.689	113	16969	9.657	ng/ul	-0.01
21) Nitrobenzene-d5	9.136	128	16044	19.029	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.864	143	18457	18.384	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.422	165	31036	17.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1464m >	0.601	ng/ul >	0.01 08/30/21 JU
46) Dimethylphthalate-d6	14.029	166	104596	18.731	ng/ul	-0.01
49) Acenaphthylene-d8	14.323	160	128552	19.634	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.863	143	11667	14.440	ng/ul	0.00
60) Fluorene-d10	15.621	176	90567	19.129	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.756	200	12364	12.019	ng/ul	-0.01
73) Anthracene-d10	17.477	188	139581	19.439	ng/ul	-0.02
81) Pyrene-d10	19.768	212	165251	20.128	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.662	264	137243	17.020	ng/ul	-0.01
Target Compounds				Qvalue		
30) Naphthalene	10.839	128	6839	1.258	ng/ul	98
36) 2-Methylnaphthalene	12.449	142	5302	1.312	ng/ul	88
37) 1-Methylnaphthalene	12.672	142	5303	1.300	ng/ul#	61
72) Phenanthrene	17.424	178	69575	8.728	ng/ul	96
74) Anthracene	17.513	178	9040m >	1.119	ng/ul >	08/30/21 JU
77) Carbazole	17.789	167	7686	1.069	ng/ul#	93
80) Fluoranthene	19.439	202	113088	11.162	ng/ul	98
82) Pyrene	19.798	202	89749	8.940	ng/ul	99
85) Benzo(a)anthracene	21.636	228	43504	4.595	ng/ul	98
87) Chrysene	21.695	228	47180	5.272	ng/ul	97
90) Benzo(b)fluoranthene	23.857	252	64543	6.639	ng/ul#	94
91) Benzo(k)fluoranthene	23.916	252	17533m >	1.897	ng/ul >	08/30/21 JU
93) Benzo(a)pyrene	24.726	252	35866	4.248	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.568	276	30172m >	2.709	ng/ul >	08/30/21 JU

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