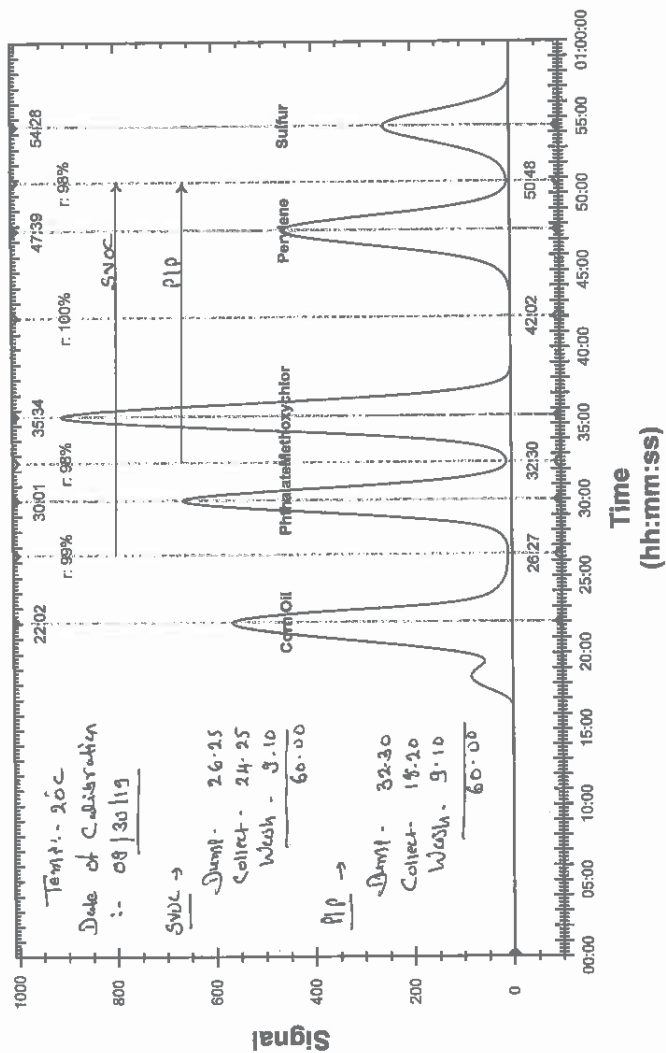


Sequence: TEST 419.seq, Sample: [2] - [DT1]



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Doc Control # A30401205

ch.net

E GPC

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900 www.chemtech.net

Daily Analysis Runlog J2 SCIENTIFIC PREPLINE GPC System GPC/2

Start Date: 09/30/19 End Date: 10/06/19 Analyst: R/L Review By: SJ

STD. Name	STD REF. #	Check Standard	Data File and Date	Reagent
GPC Calibration	EP 1990	BNA Blank Check		Methylene Chloride
Pest Check Std	PP 15A06 2.0 ML	Pesticide Blank Check		Reagent Reference #
PCB Check Std	PP 16095 1.0 ML	Pesticide Check		E 2733
CALIB. DATE:	09/30/19	PCB Check		

Port #	Sample ID	Volume Collected	GPC Date	BNA	PEST	Comments
1	Column cleaned	-	09/30/19	-	-	
2	GPC Calibration	-		-	-	
1	K 5087-12 Pest SK	55	09/30/19	-	✓	K 5087-8N/PCB/PE
2	K 5087-11 Pest BLK	55		-	✓	
3	K 5087-14 PCB SK	55		-	✓	
4	K 5087-13 PCB BLK	55		-	✓	
5	K 5087-10 BLK BN	75		✓	-	

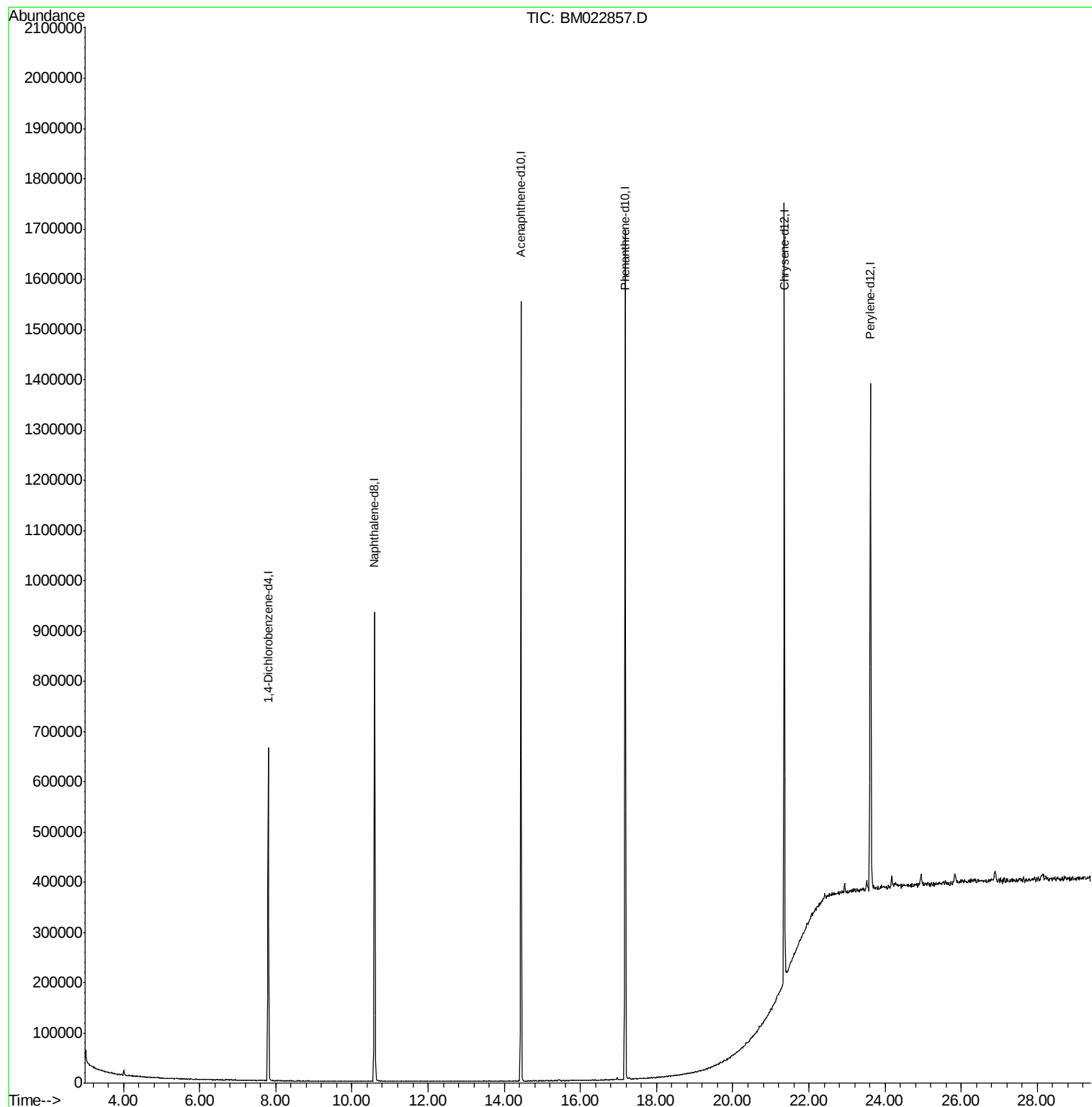
100

Doc Control # A30401205

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022857.D
Acq On : 01 Oct 2019 16:49
Operator : JU
Sample : K5087-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Time: Oct 02 01:26:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022857.D
 Acq On : 01 Oct 2019 16:49
 Operator : JU
 Sample : K5087-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC2-BLANK

Quant Time: Oct 02 01:26:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	177904	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	788329	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	505025	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	949917	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	649719	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	675288	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL
5) Phenol-d5	0.00	99	0	0.00	ng/ul
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

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

Daily Analysis Runlog J2 SCIENTIFIC PREPLINE GPC System GPC/2

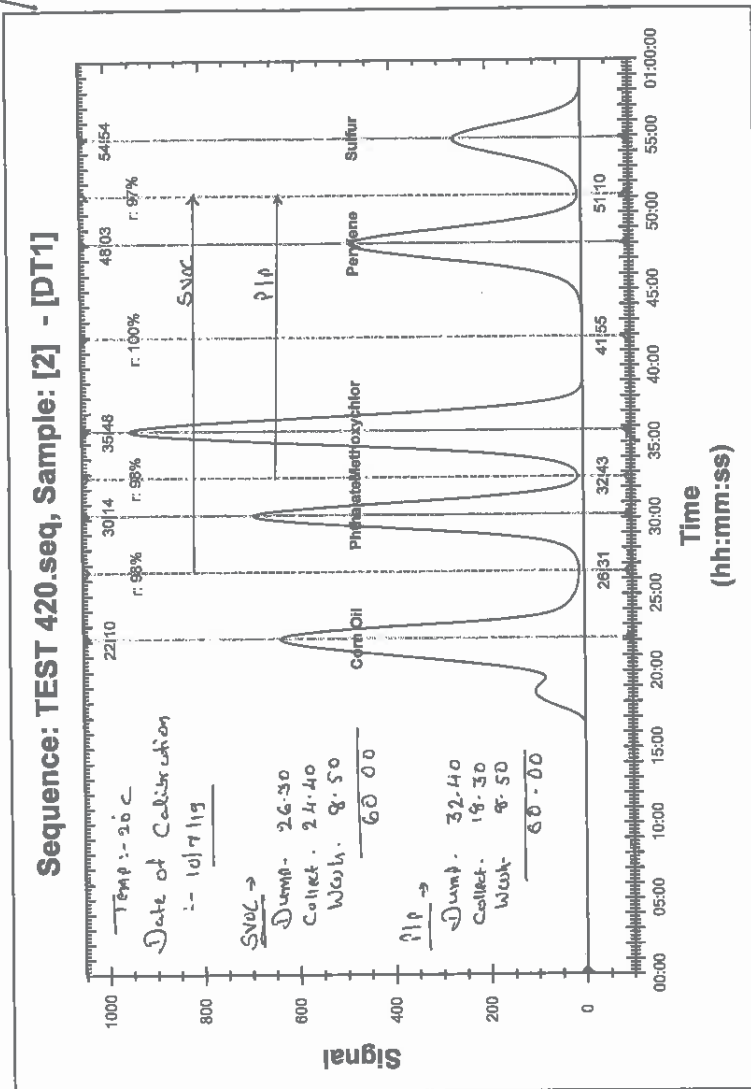
Start Date: 10/07/19 End Date: 10/13/19 Analyst: RP/2 Review By: ND

STD. Name	STD REF. #	Check Standard	Data File and Date	Reagent
GPC Calibration	ED 1992	BNA Blank Check		Methylene Chloride
Pest Check Std	PP 15406 16255 9.031	Pesticide Blank Check		Reagent Reference #
PCB Check Std	PP 16095 1.0 ML	Pesticide Check		E 2743
CALIB. DATE:	10/07/19	PCB Check		

Port #	Sample ID	Volume Collected	GPC Date	BNA	PEST	Comments
1	Column cleaned		10/07/19	-	-	
2	GPC Calibration	-	1	-	-	
1	K 5214-12 Pest GPC	55	10/07/19	-	✓	K 5214-12 GPC
2	K 5214-11 Pest GPC	55		-	✓	
3	K 5214-14 Pest GPC	55		-	✓	
4	K 5214-13 Pest GPC	55		-	✓	
5	K 5214-10 BNA B	75		✓	-	

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Doc Control # A30401205



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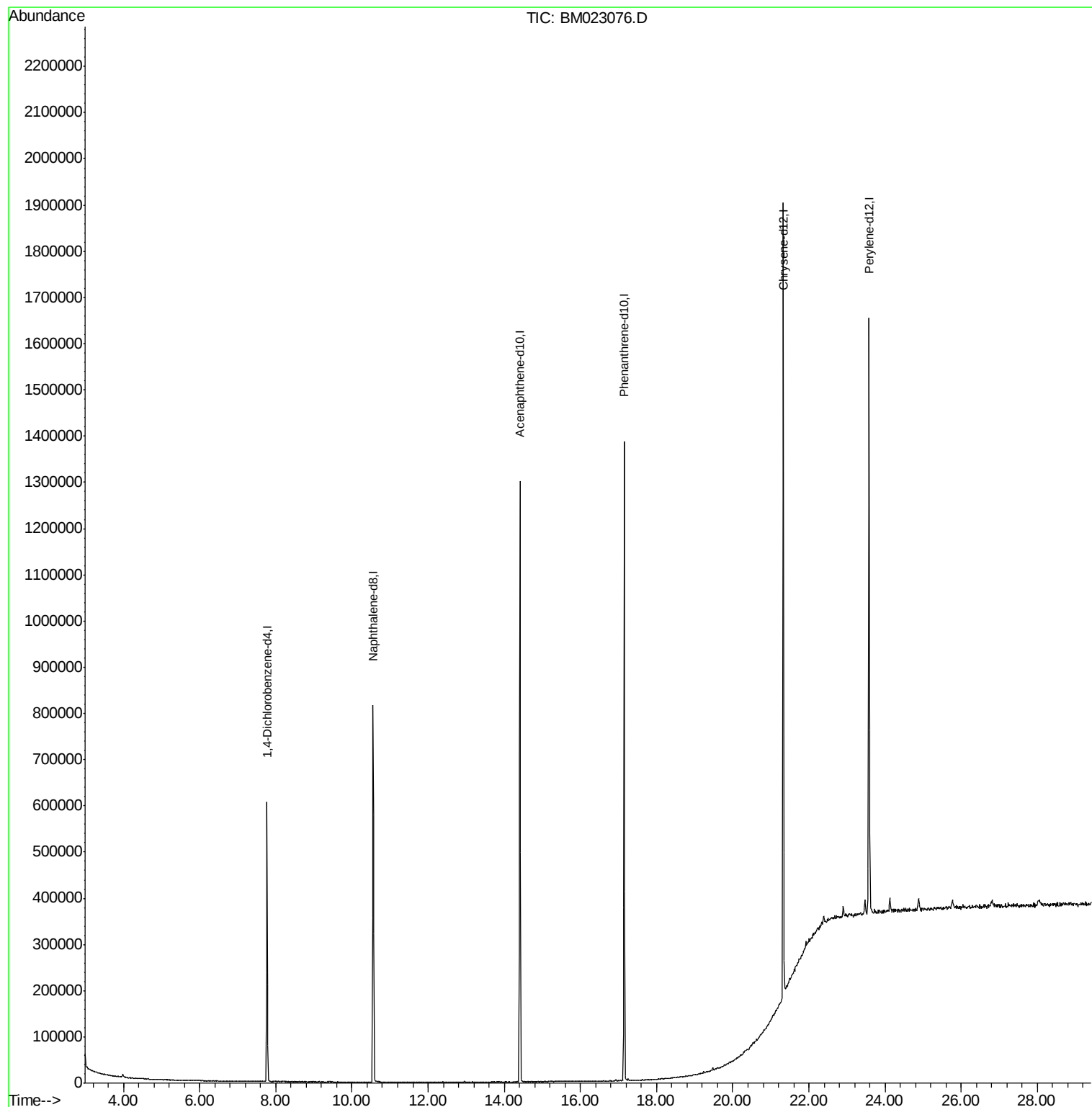
Doc Control # A30401205

NE GPC

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023076.D
Acq On : 09 Oct 2019 10:10
Operator : JU
Sample : K5214-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Time: Oct 09 11:12:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023076.D
 Acq On : 09 Oct 2019 10:10
 Operator : JU
 Sample : K5214-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC2-BLANK

Quant Time: Oct 09 11:12:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	170509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	707889	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	425297	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	812111	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	780828	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	907676	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL
5) Phenol-d5	0.00	99	0	0.00	ng/ul
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds Ovalue

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