

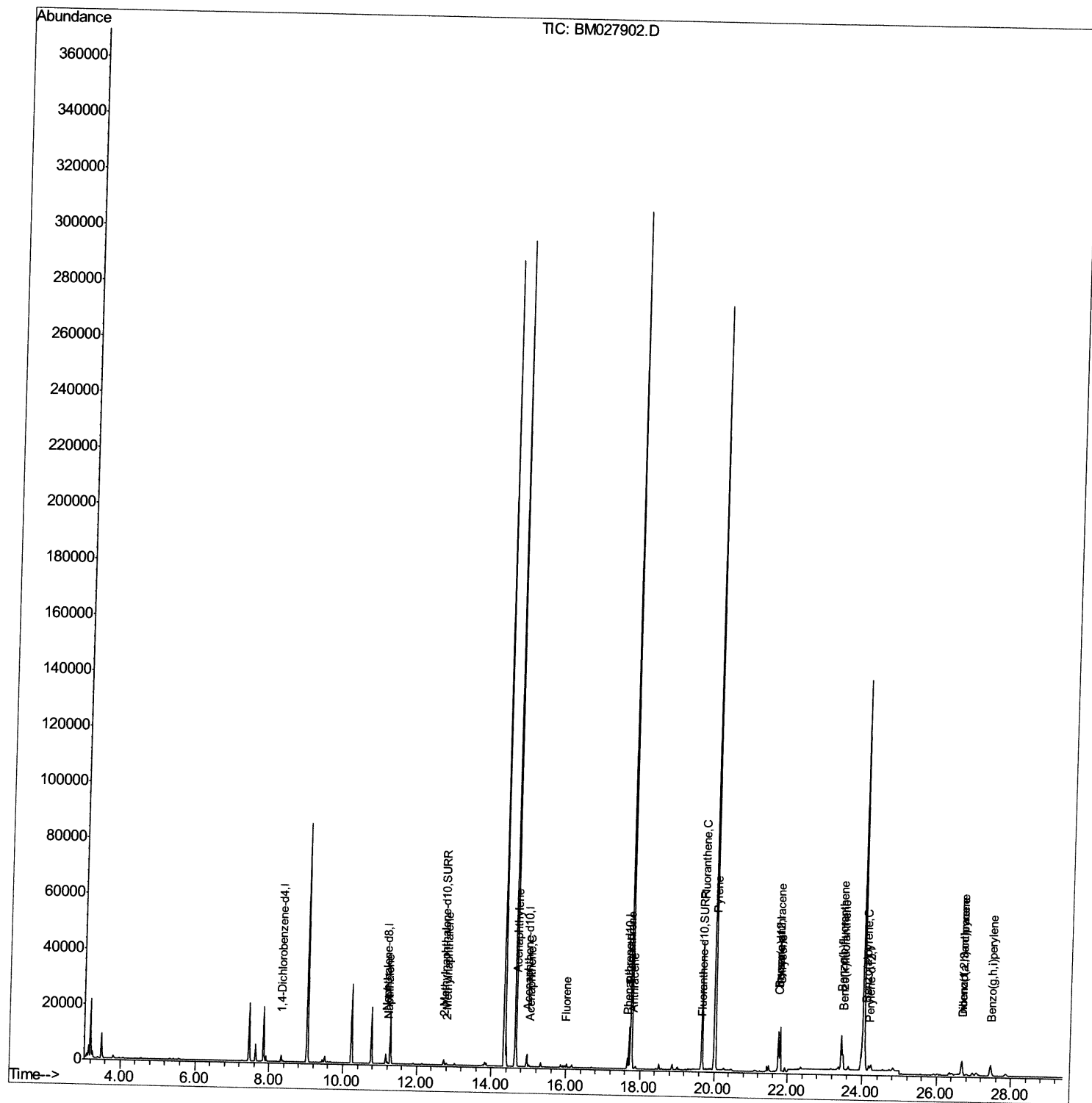
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027902.D
Acq On : 22 Nov 2020 05:01
Operator : JU/CG
Sample : L4711-14
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B66

Manual Integrations
APPROVED

mohammad
11/24/2020 8:59:35 AM

Quant Time: Nov 23 06:05:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 05:39:07 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

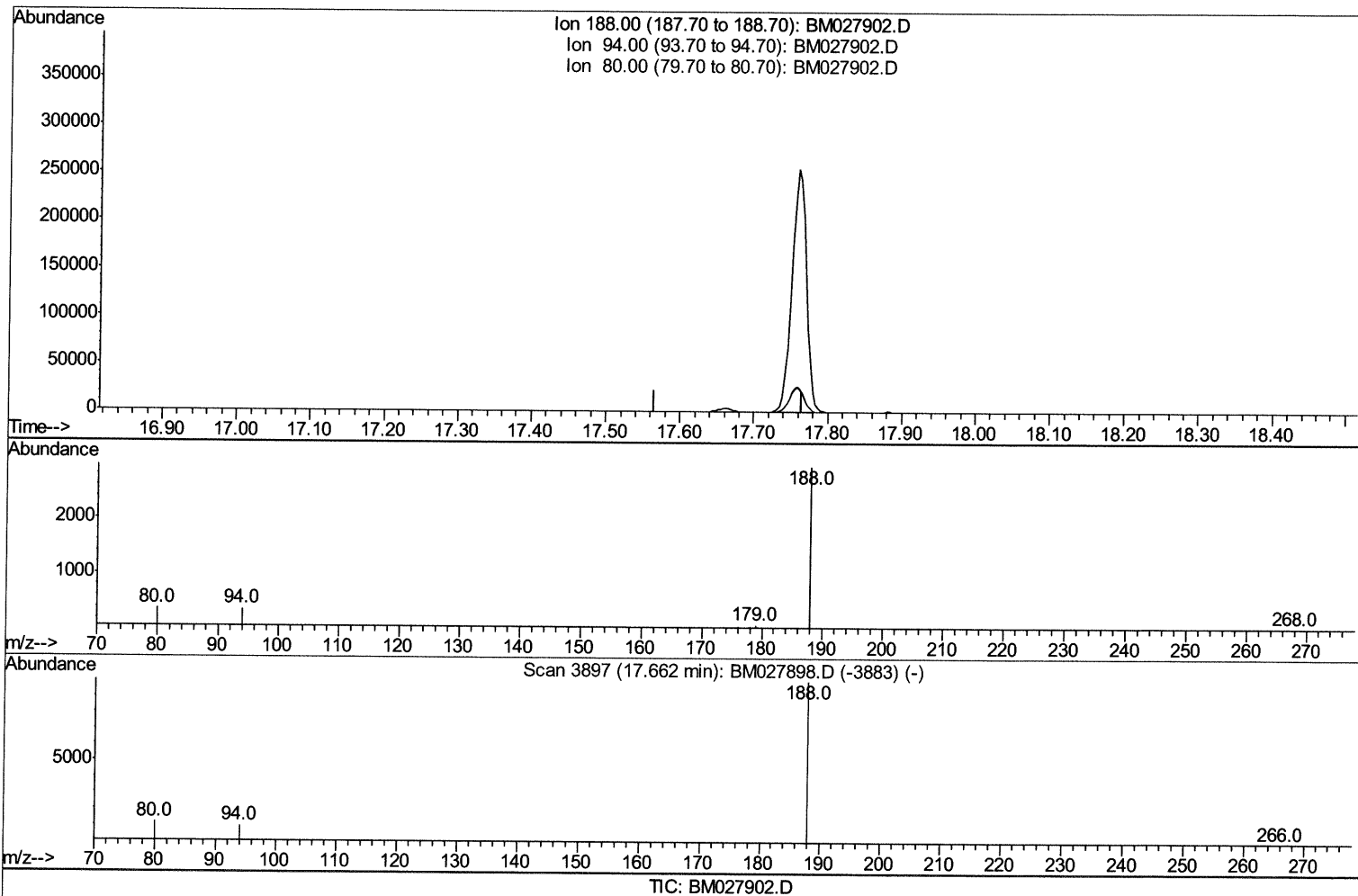
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Quant Time: Nov 23 05:40:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 05:39:07 2020
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(10) Phenanthrene-d10 (I)

17.666min (-17.666) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	9.30	0.00#
80.00	10.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

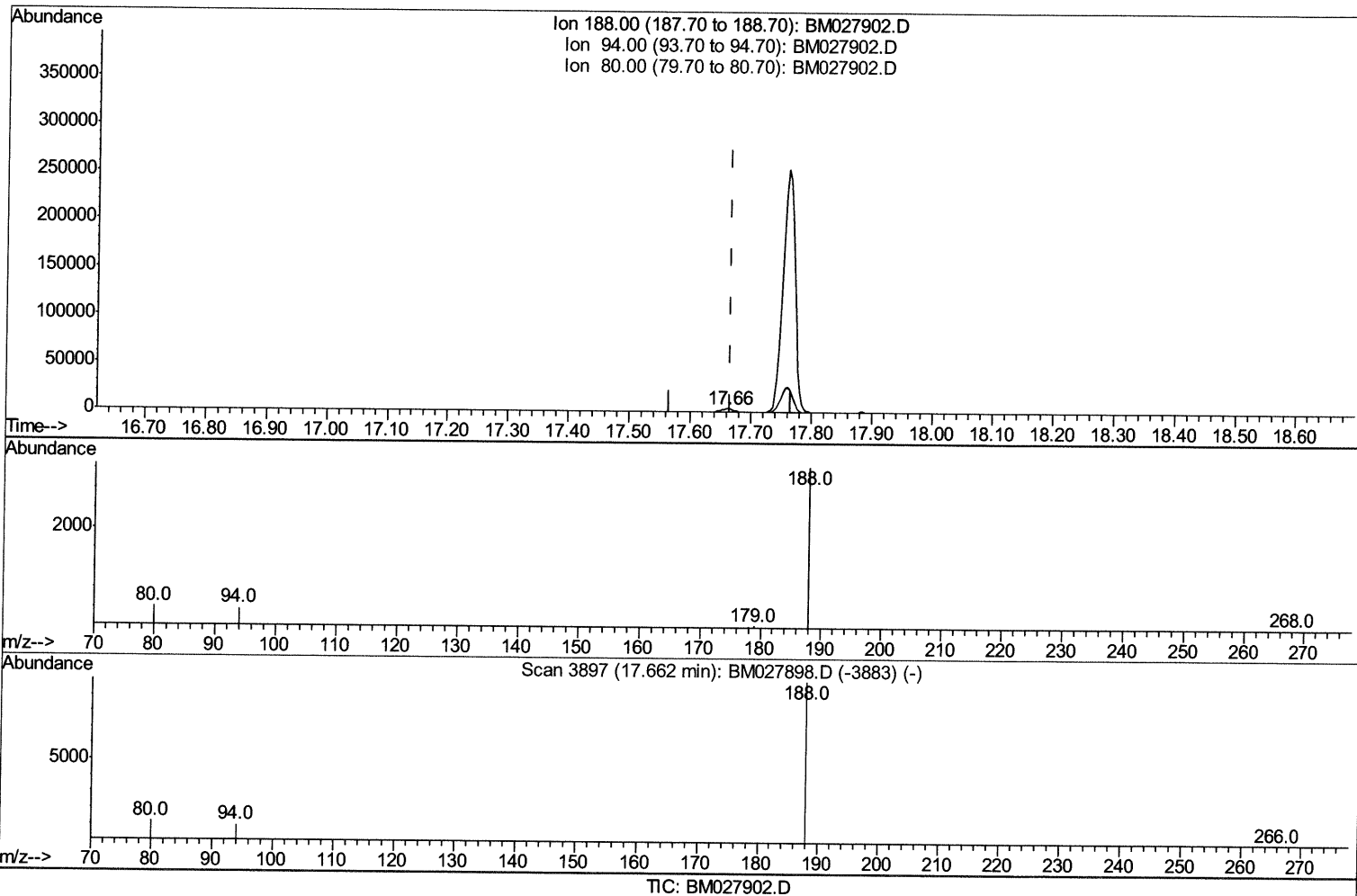
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(10) Phenanthrene-d10 (I)

17.662min (-0.004) 0.40ng/ul m 11/27/20 Ju

response 4440

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	11.76#
80.00	10.20	12.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

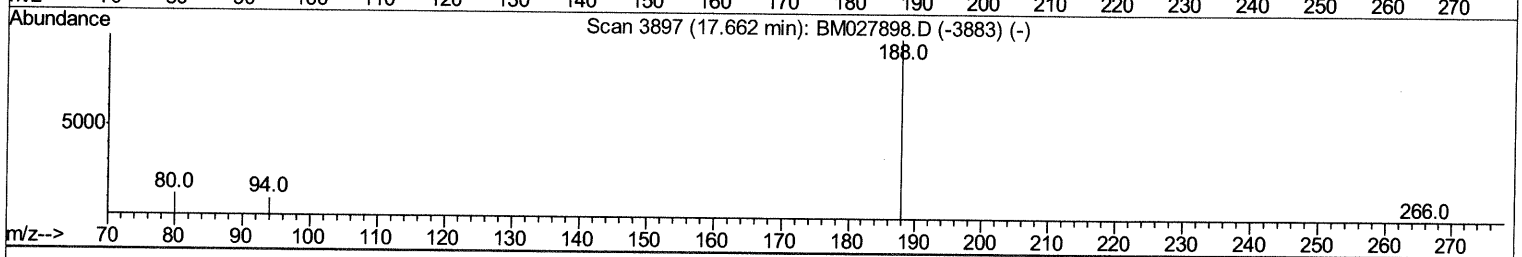
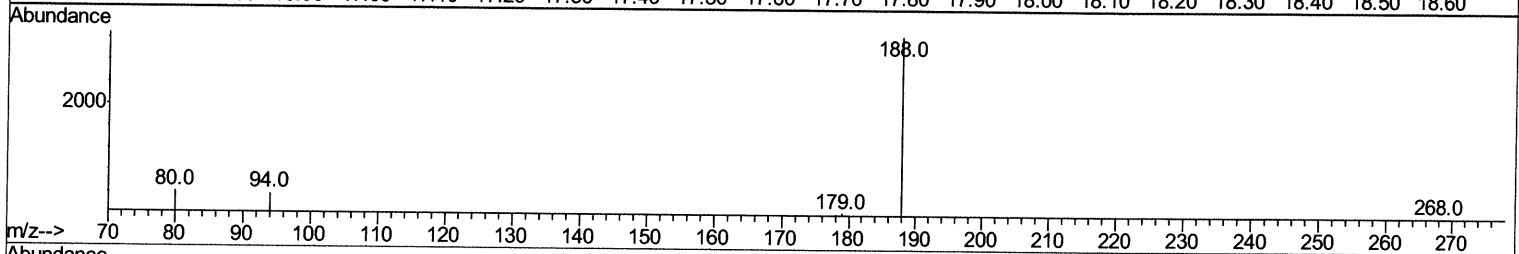
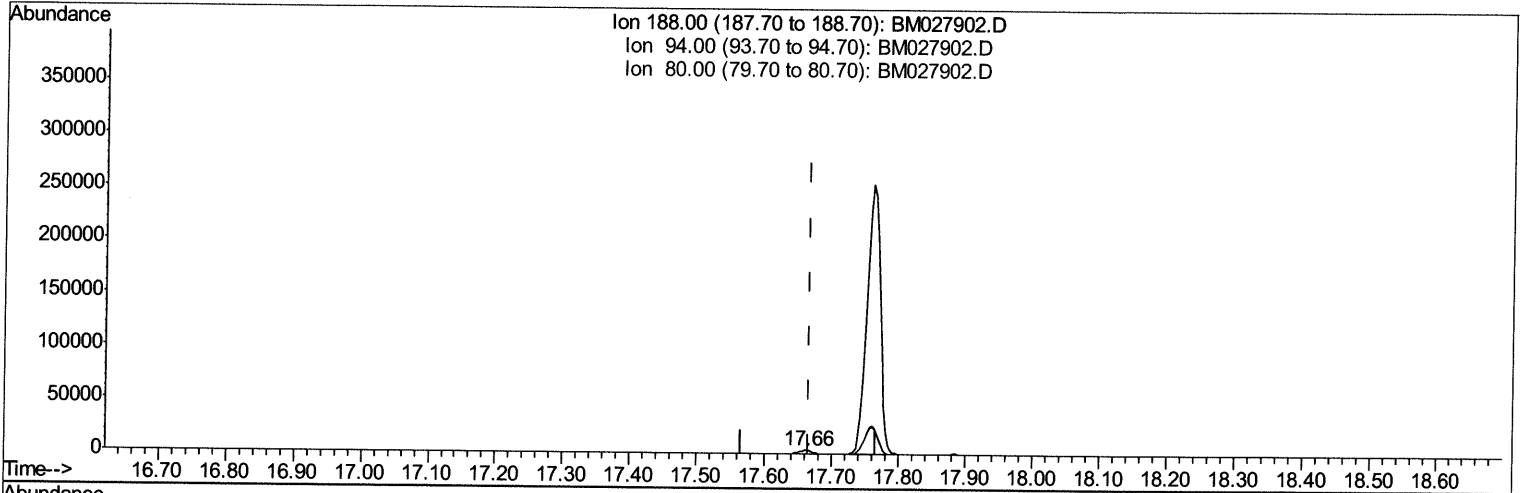
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027902.D
 Acq On : 22 Nov 2020 05:01
 Operator : JU/CG
 Sample : L4711-14
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 C0B66

Manual Integrations
APPROVED

mohammad
 11/24/2020 8:59:35 AM

Quant Time: Nov 23 06:02:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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TIC: BM027902.D

(10) Phenanthrene-d10 (I)

17.662min (-0.004) 0.40ng/ul m 11/27/2024

response 4440

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	11.76#
80.00	10.20	12.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

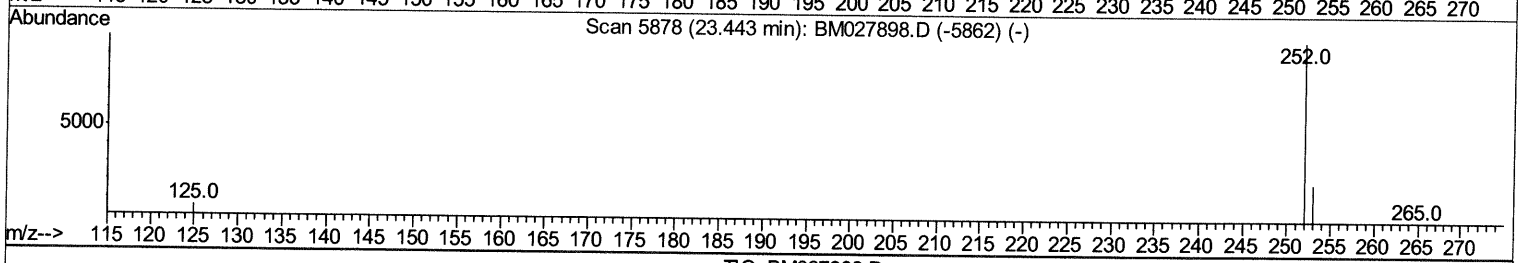
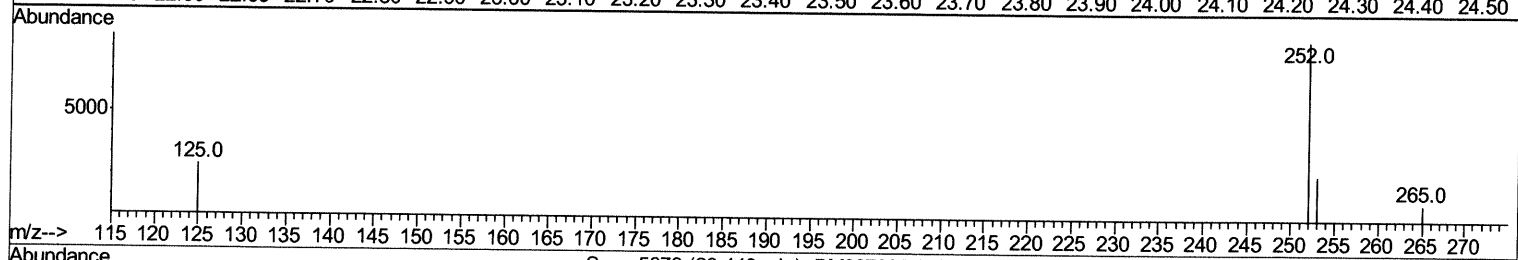
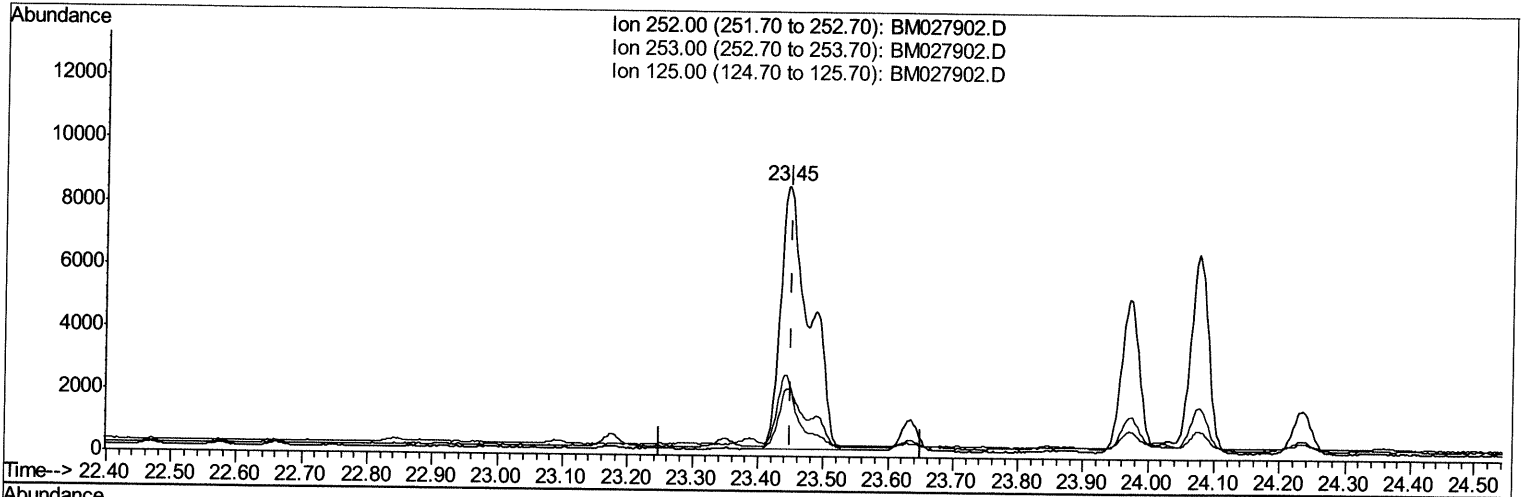
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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TIC: BM027902.D

(21) Benzo(b)fluoranthene
 23.445min (-0.005) 2.94ng/ul
 response 25892

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	25.20
125.00	14.20	28.61#
0.00	0.00	0.00

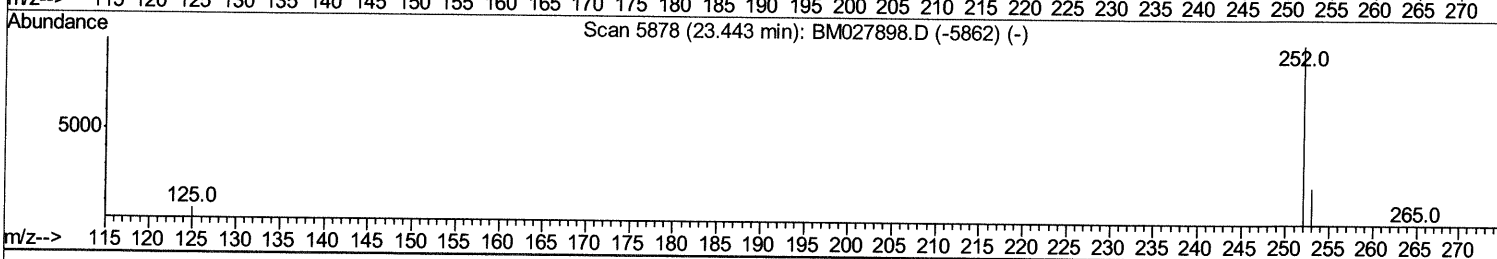
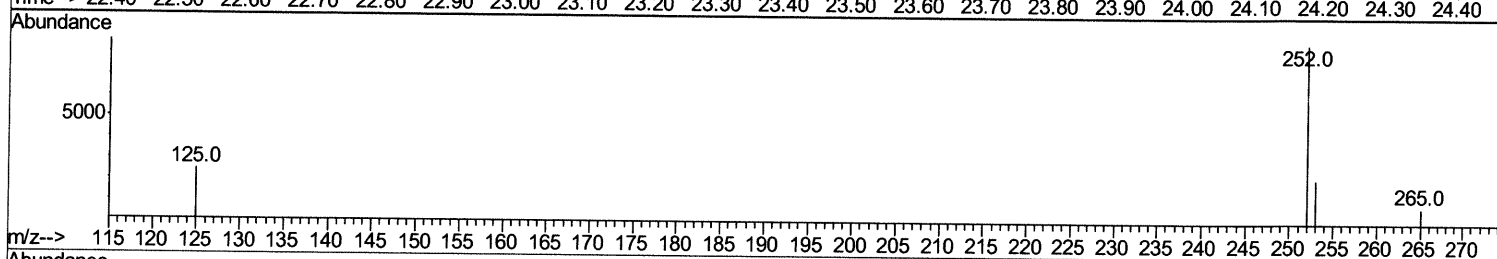
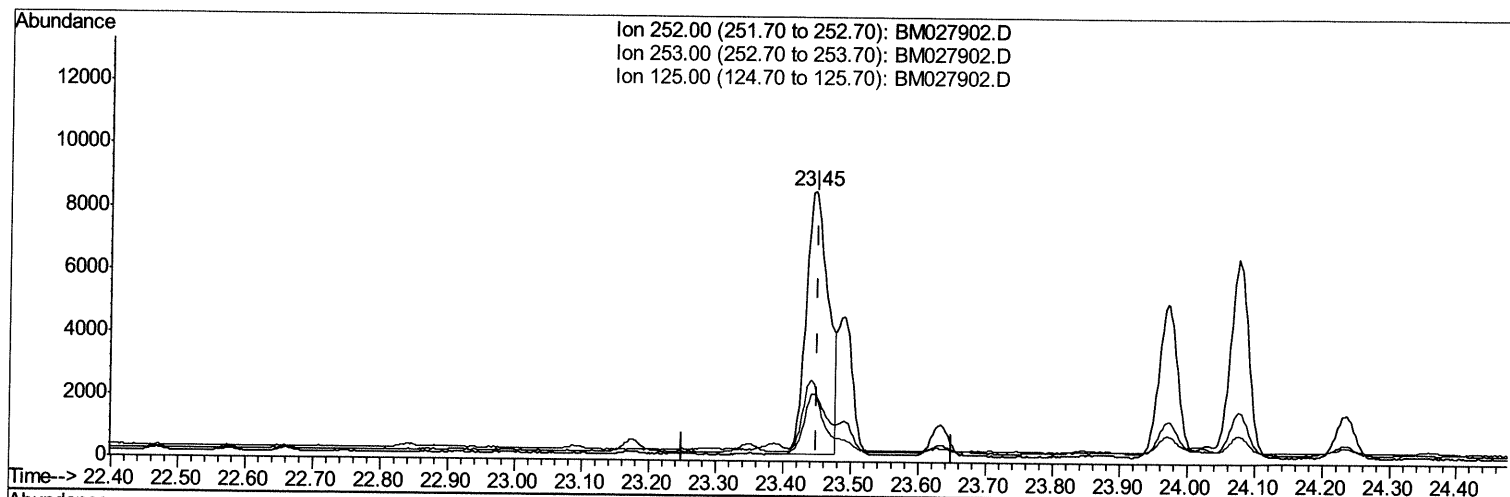
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027902.D
Acq On : 22 Nov 2020 05:01
Operator : JU/CG
Sample : L4711-14
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B66

Manual Integrations
APPROVED

mohammad
11/24/2020 8:59:35 AM

Quant Time: Nov 23 06:02:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 05:39:07 2020
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TIC: BM027902.D

(21) Benzo(b)fluoranthene

23.445min (-0.005) 2.17ng/ul m 11/27/2020

response 19066

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	25.20
125.00	14.20	28.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

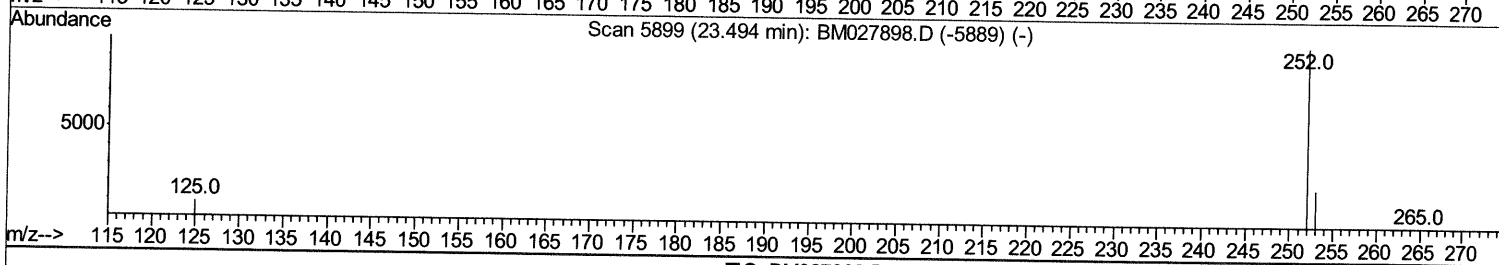
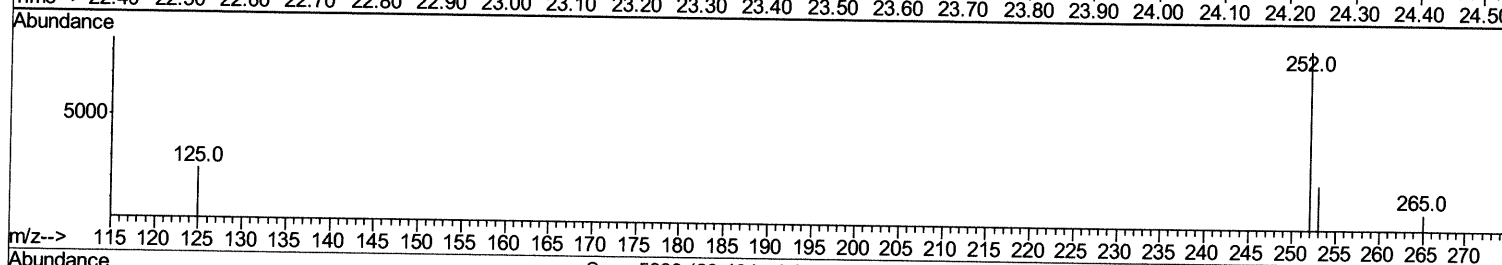
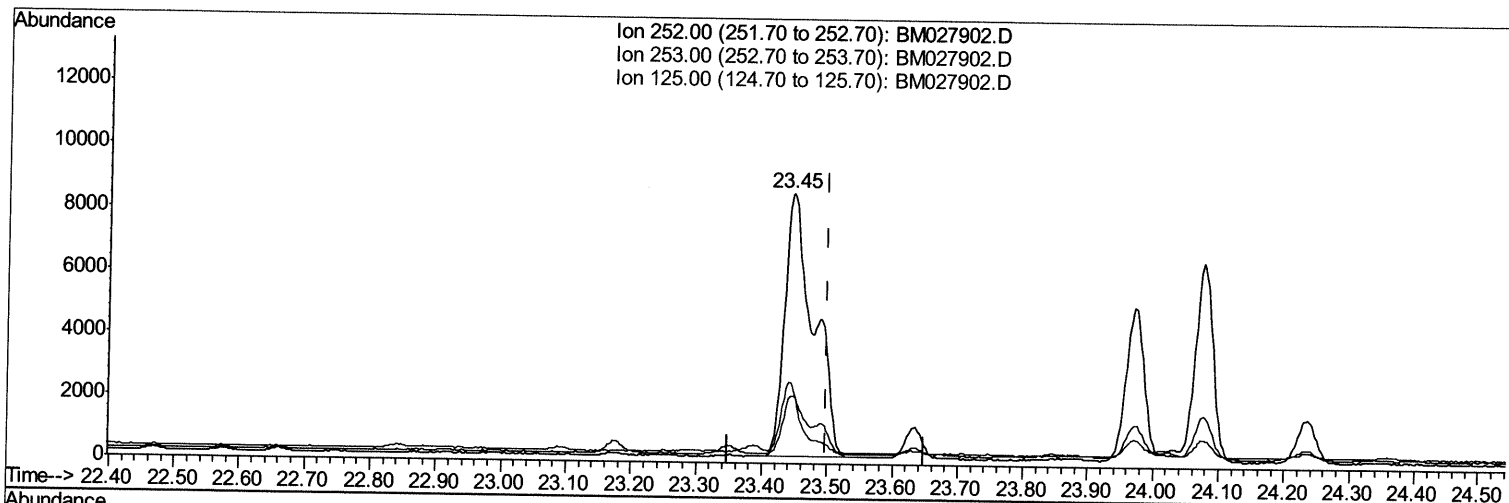
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027902.D
 Acq On : 22 Nov 2020 05:01
 Operator : JU/CG
 Sample : L4711-14
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B66

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:59:35 AM

Quant Time: Nov 23 06:02:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 05:39:07 2020
 Response via : Initial Calibration



TIC: BM027902.D

(22) Benzo(k)fluoranthene

23.445min (-0.053) 3.01ng/ul

response 25892

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	25.20
125.00	14.70	28.61#
0.00	0.00	0.00

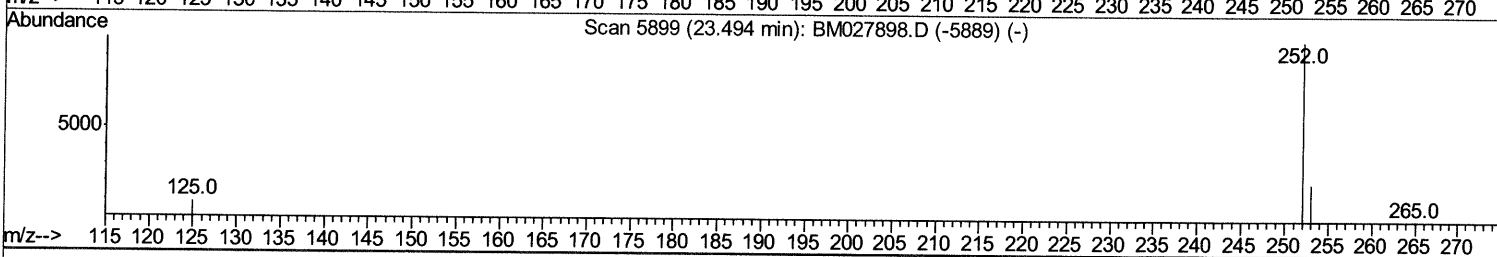
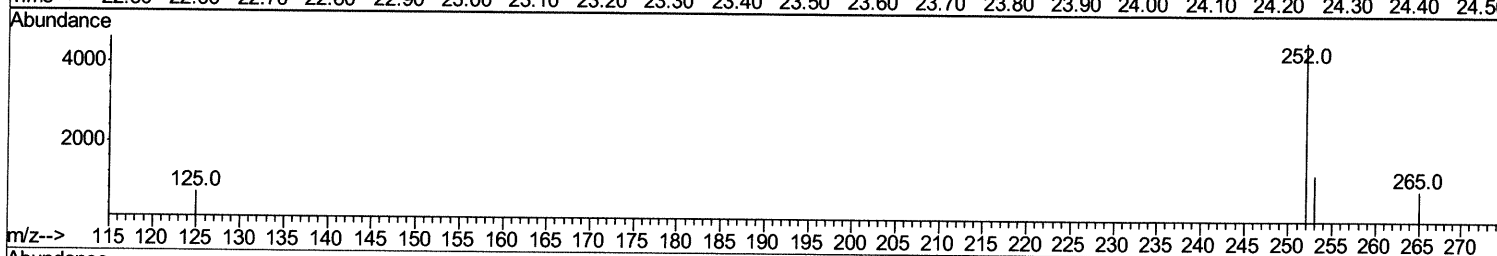
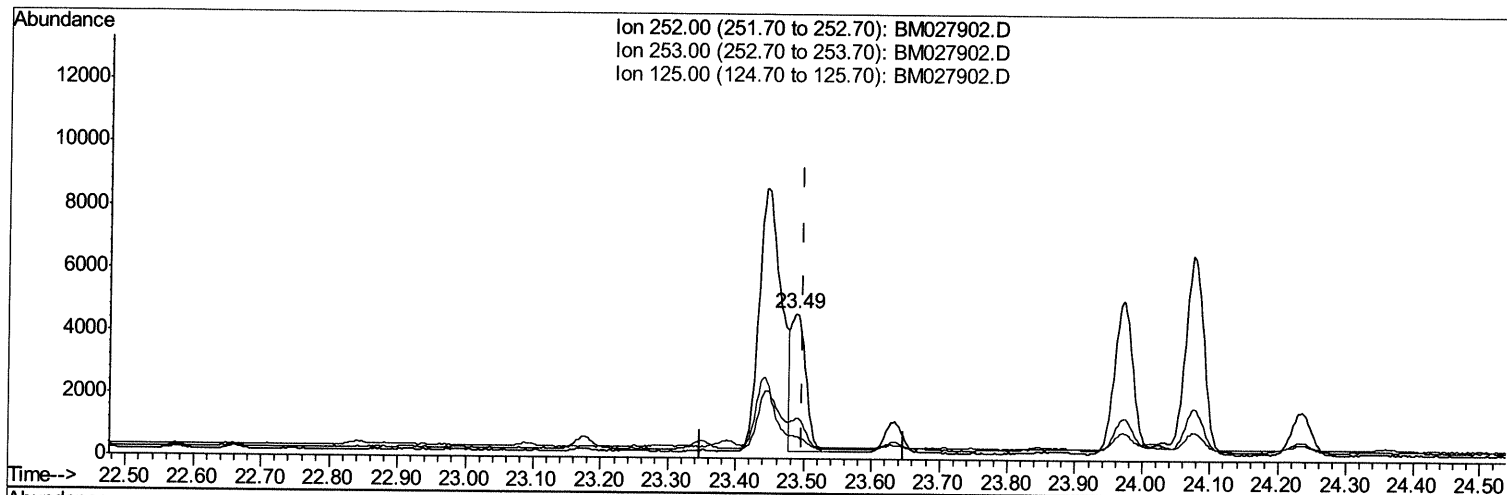
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027902.D
Acq On : 22 Nov 2020 05:01
Operator : JU/CG
Sample : L4711-14
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B66

Manual Integrations
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mohammad
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Quant Time: Nov 23 06:02:15 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BM027902.D

(22) Benzo(k)fluoranthene

23.489min (-0.010) 0.79ng/ul m 11/21/2024

response 6825

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	27.61
125.00	14.70	15.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027902.D
 Acq On : 22 Nov 2020 05:01
 Operator : JU/CG
 Sample : L4711-14
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B66

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1106	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2638	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4440m >	0.40	ng/ul >	0.00 11/27/2024
16) Chrysene-d12	21.76	240	2349	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2093	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2269	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3367	0.28	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.22	128	560	0.043	ng/ul#	76
5) 2-Methylnaphthalene	12.80	142	373	0.042	ng/ul	98
7) Acenaphthylene	14.67	152	435	0.034	ng/ul#	65
8) Acenaphthene	15.01	153	458	0.047	ng/ul#	92
9) Fluorene	15.98	166	472	0.042	ng/ul#	96
12) Phenanthrene	17.70	178	15729	1.121	ng/ul	98
13) Anthracene	17.79	178	2156	0.159	ng/ul	94
15) Fluoranthene	19.68	202	38468	2.474	ng/ul	100
17) Pyrene	20.04	202	30656	2.570	ng/ul	99
18) Benzo(a)anthracene	21.74	228	12450	1.314	ng/ul	99
19) Chrysene	21.80	228	16207	1.756	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	19066m 3	2.168	ng/ul 3	11/27/2024
22) Benzo(k)fluoranthene	23.49	252	6825m 3	0.792	ng/ul 3	
23) Benzo(a)pyrene	24.07	252	11991	1.559	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.68	276	8906	1.070	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	2214	0.319	ng/ul#	67
26) Benzo(a,h,i)perylene	27.45	276	8599	1.231	ng/ul	98

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