Quantitation Report (Qedit)

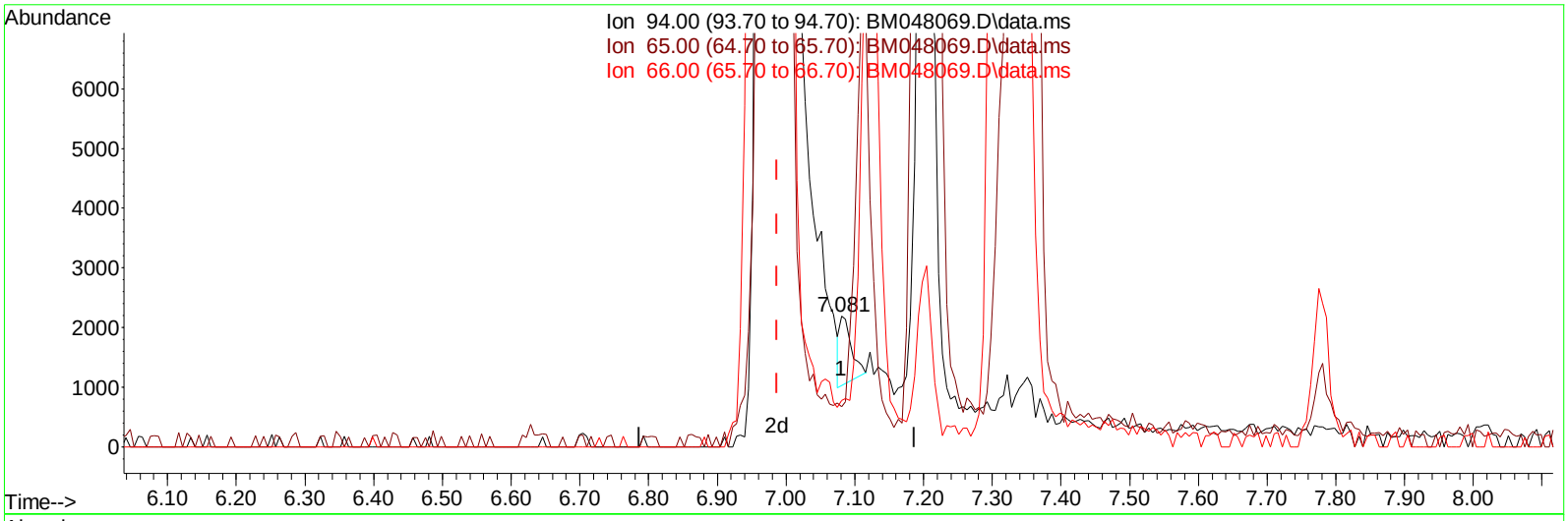
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

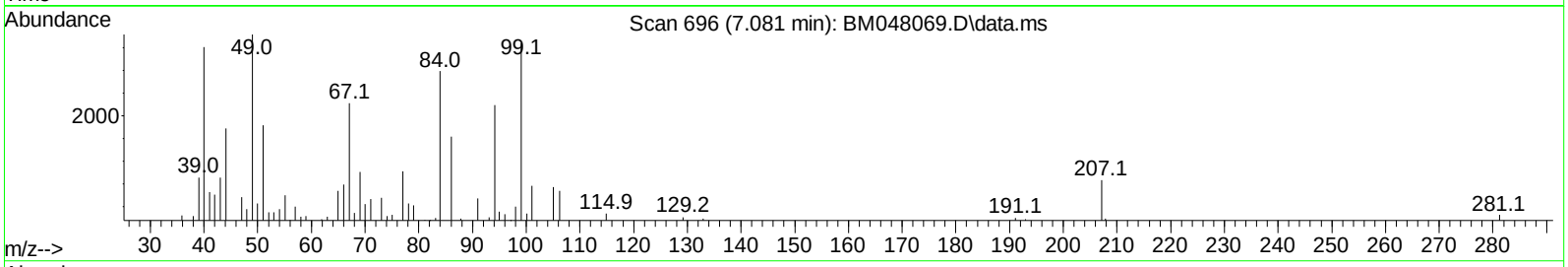
Quant Time: Oct 15 23:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

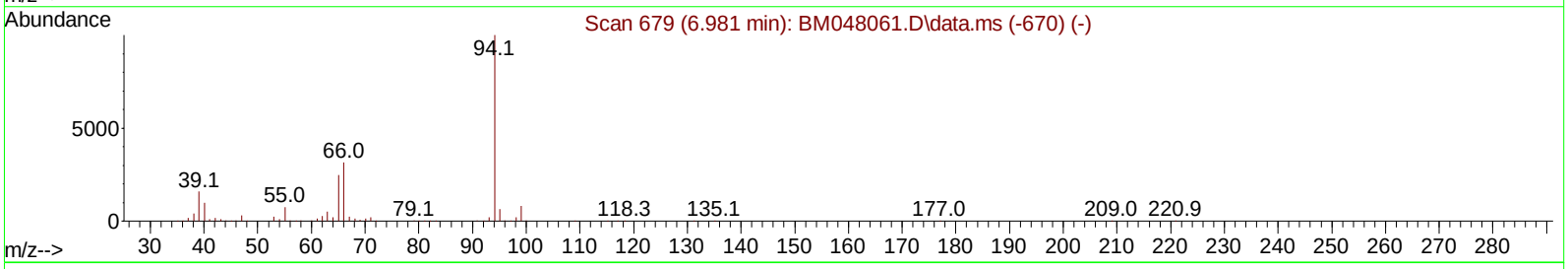
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(8) Phenol

7.081min (+ 0.094) 0.05 ng/ul

response 1340

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.90	30.68
66.00	38.10	35.62
0.00	0.00	0.00

Quantitation Report (Qedit)

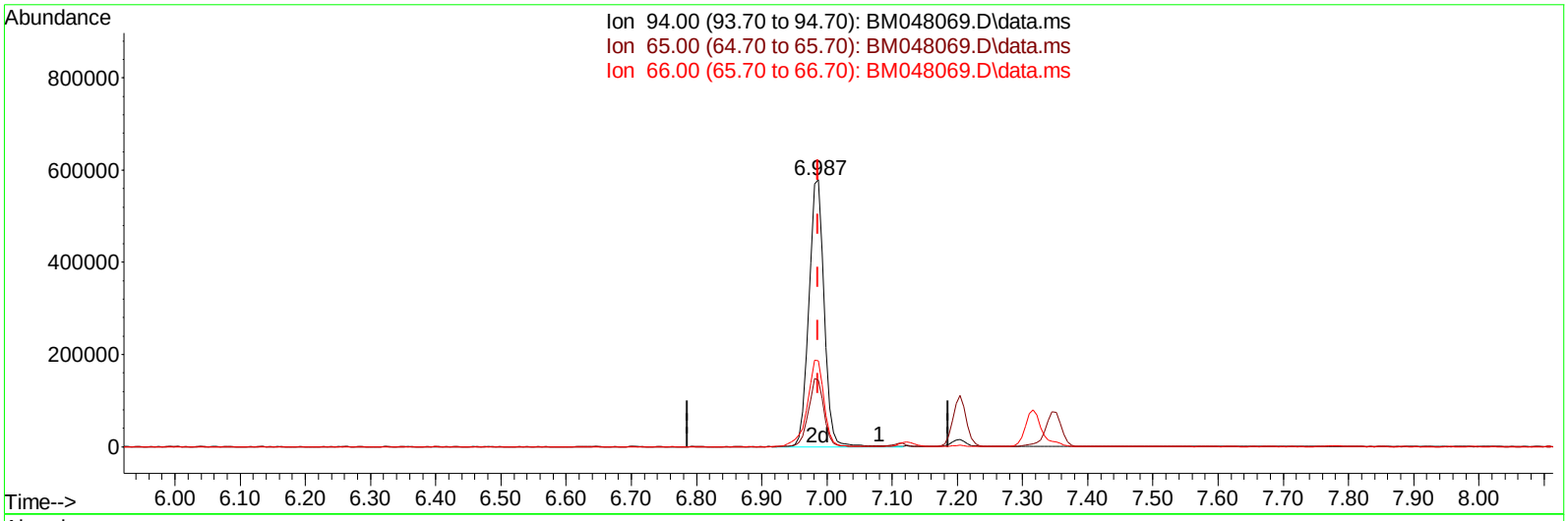
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

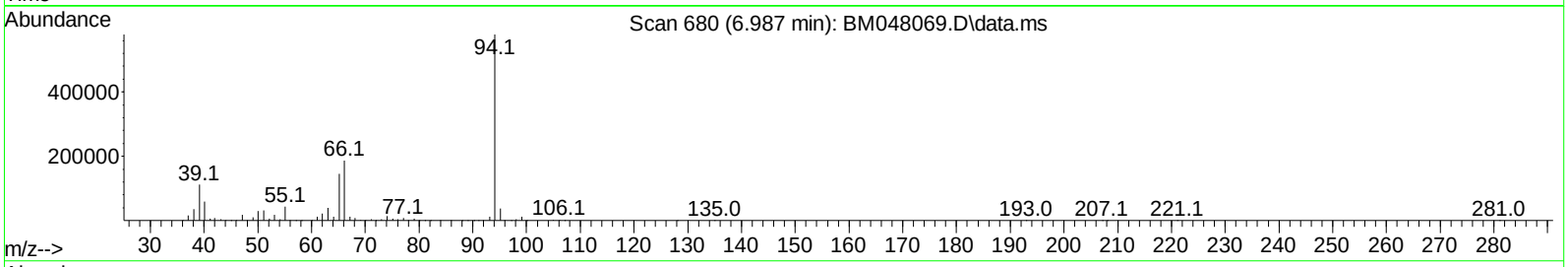
Quant Time: Oct 15 23:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

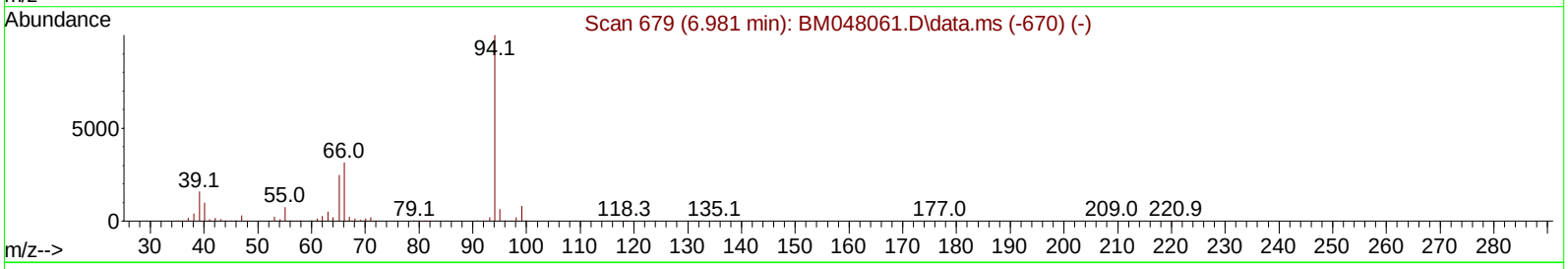
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(8) Phenol

6.987min (+ 0.000) 32.15 ng/ul m

response 940571

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	32.90	24.97#
66.00	38.10	32.30
0.00	0.00	0.00

Quantitation Report (Qedit)

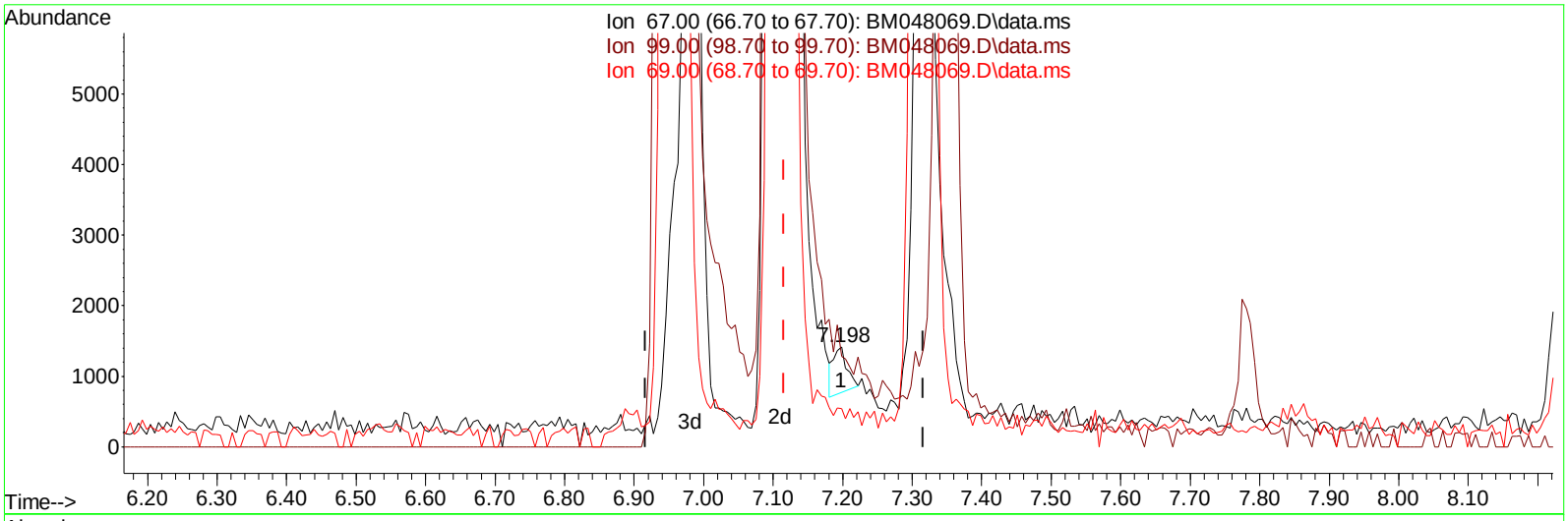
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

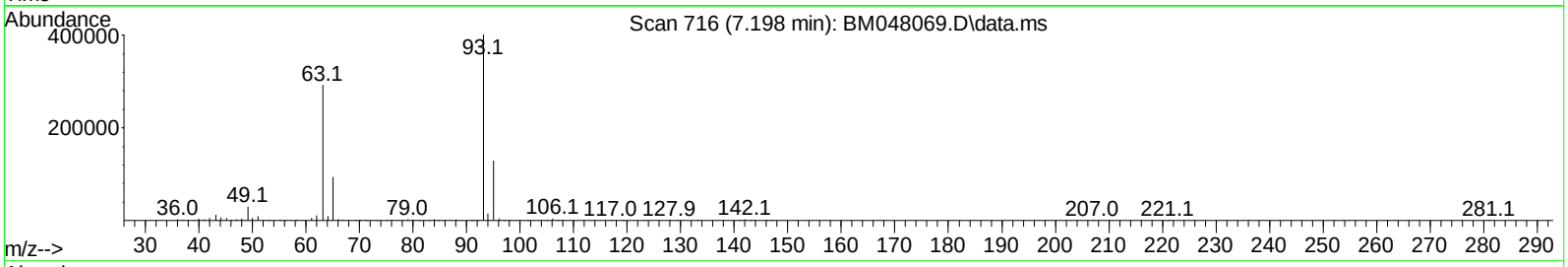
Quant Time: Oct 15 23:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

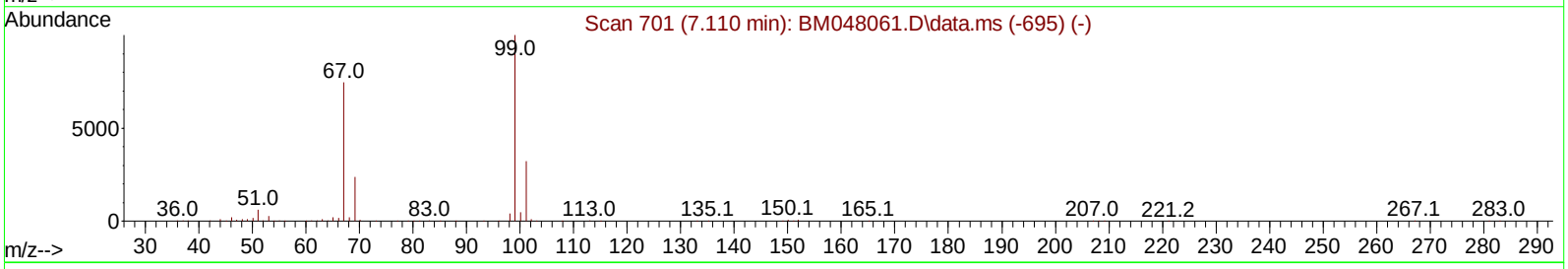
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.198min (+ 0.082) 0.05 ng/ul

response 901

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	106.00	90.26
69.00	32.00	37.90
0.00	0.00	0.00

Quantitation Report (Qedit)

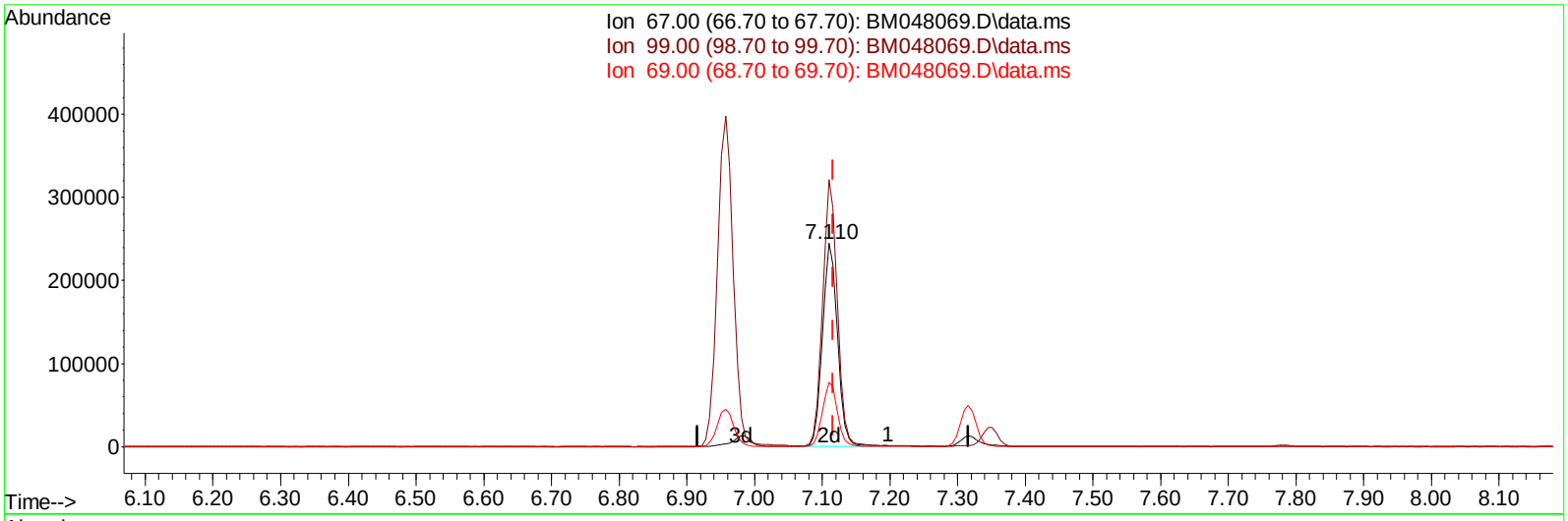
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

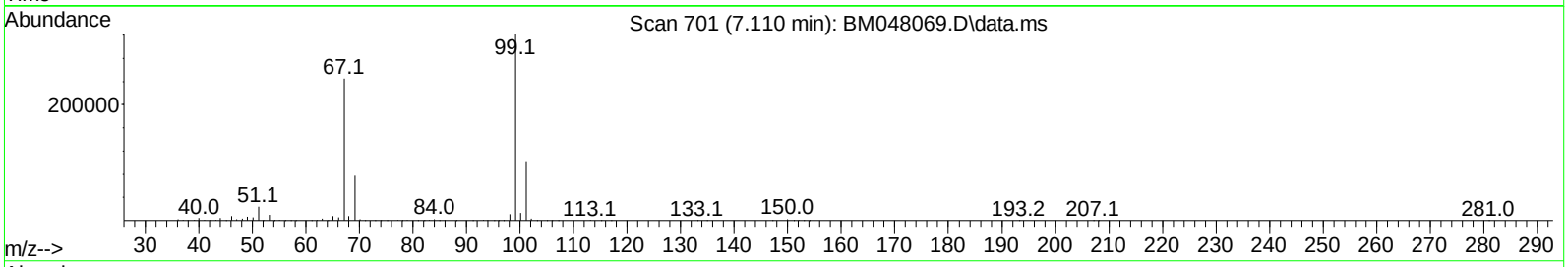
Quant Time: Oct 15 23:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

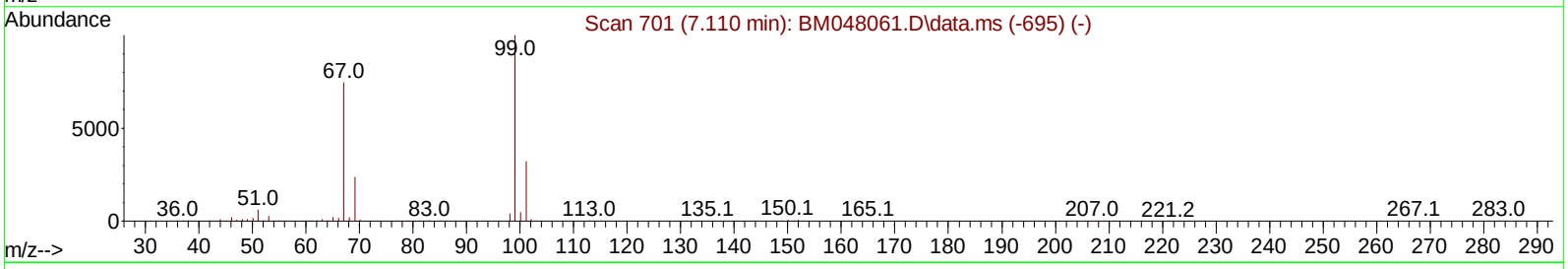
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(9) Bis-(2-Chloroethyl)ether-d8 (S)

7.110min (-0.006) 19.28 ng/ul m

response 376252

Ion	Exp%	Act%
67.00	100.00	100.00
99.00	106.00	131.18#
69.00	32.00	31.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 15 23:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
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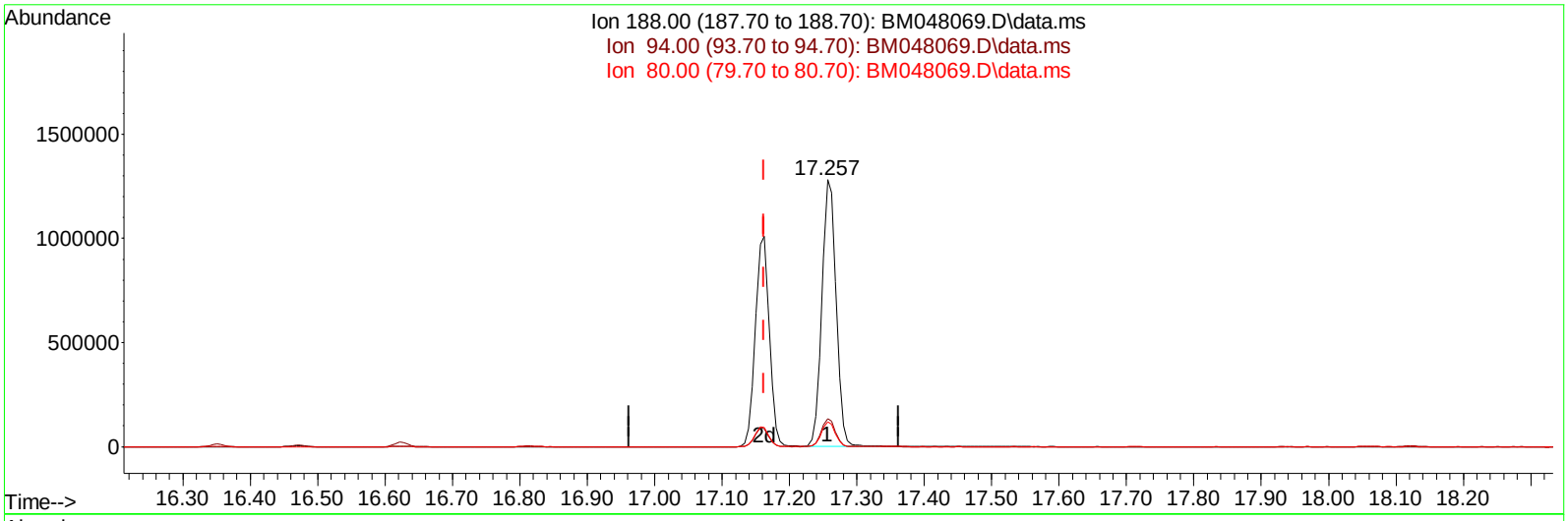
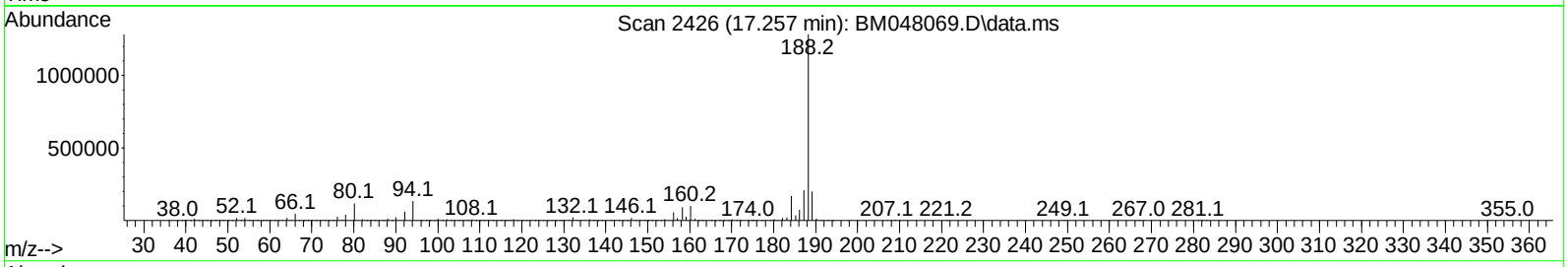
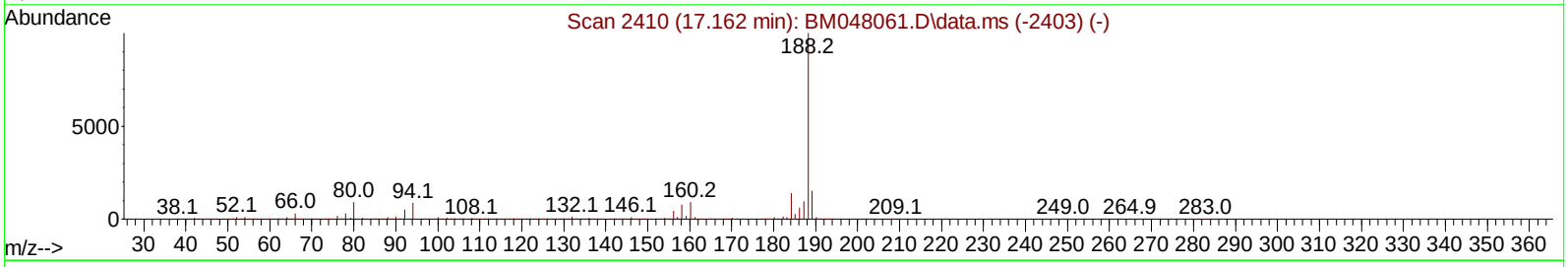






TIC: BM048069.D\data.ms

(64) Phenanthrene-d10 (I)

17.257min (+ 0.094) 20.00 ng/ul

response 1863496

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	10.49
80.00	11.30	9.28
0.00	0.00	0.00

Quantitation Report (Qedit)

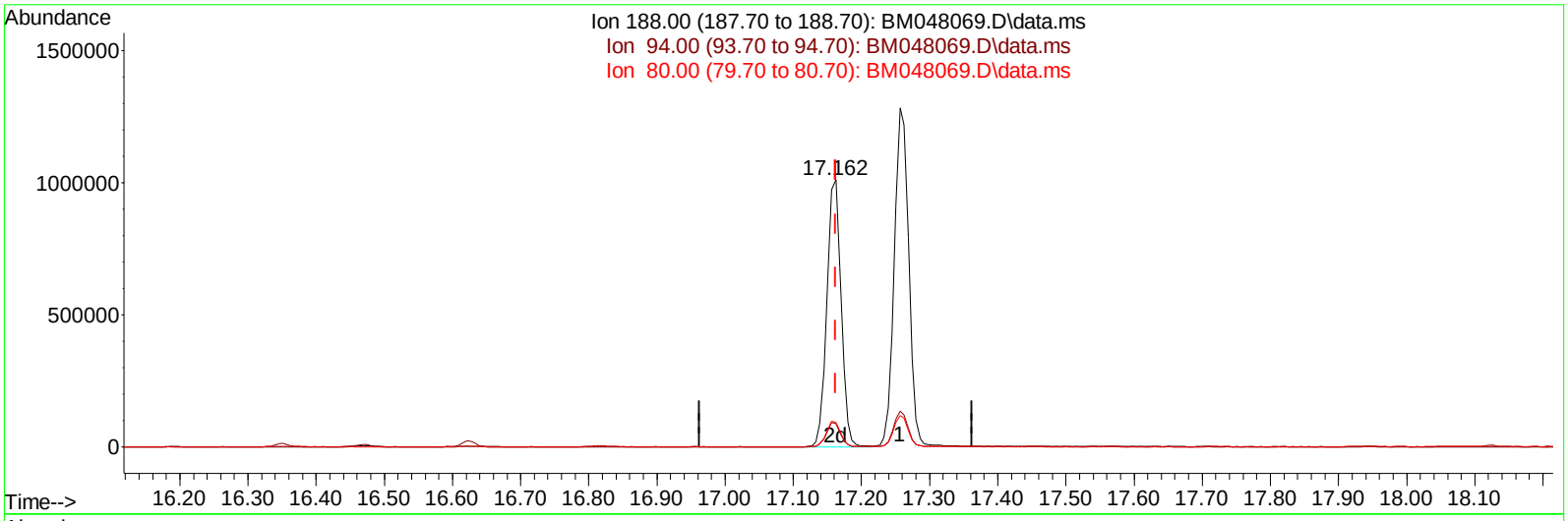
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

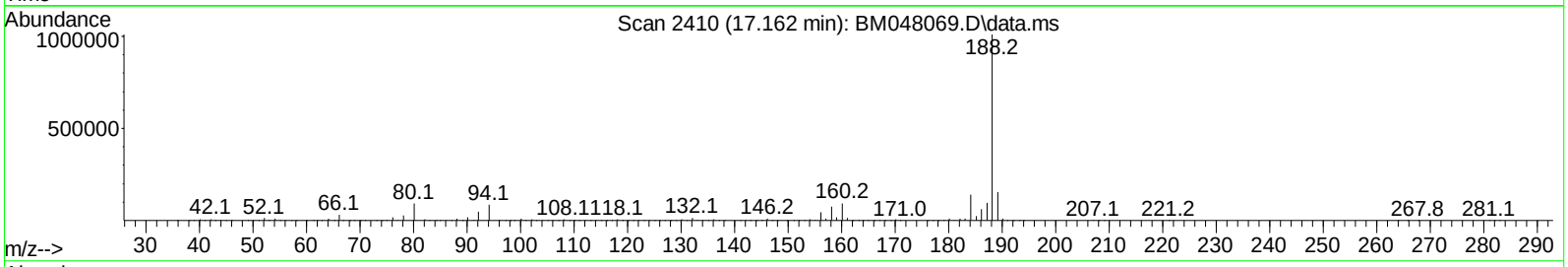
Quant Time: Oct 15 23:03:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

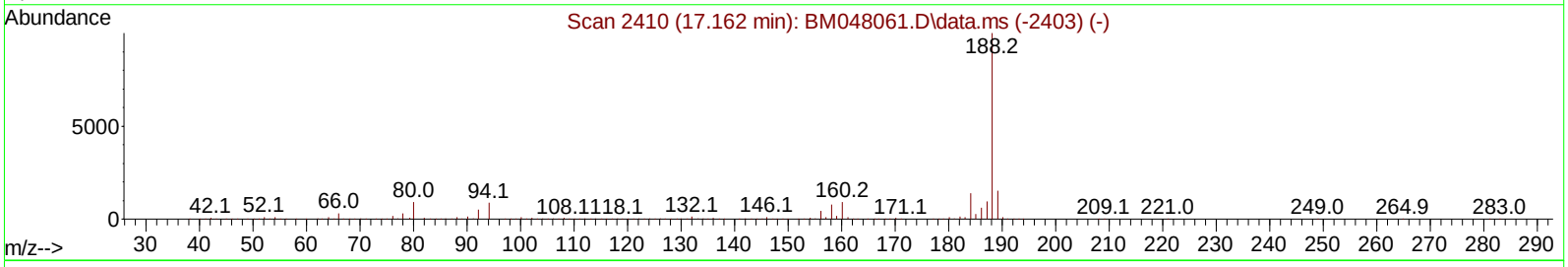
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(64) Phenanthrene-d10 (I)

17.162min (+ 0.000) 20.00 ng/ul m

response 1458996

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	8.53
80.00	11.30	9.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

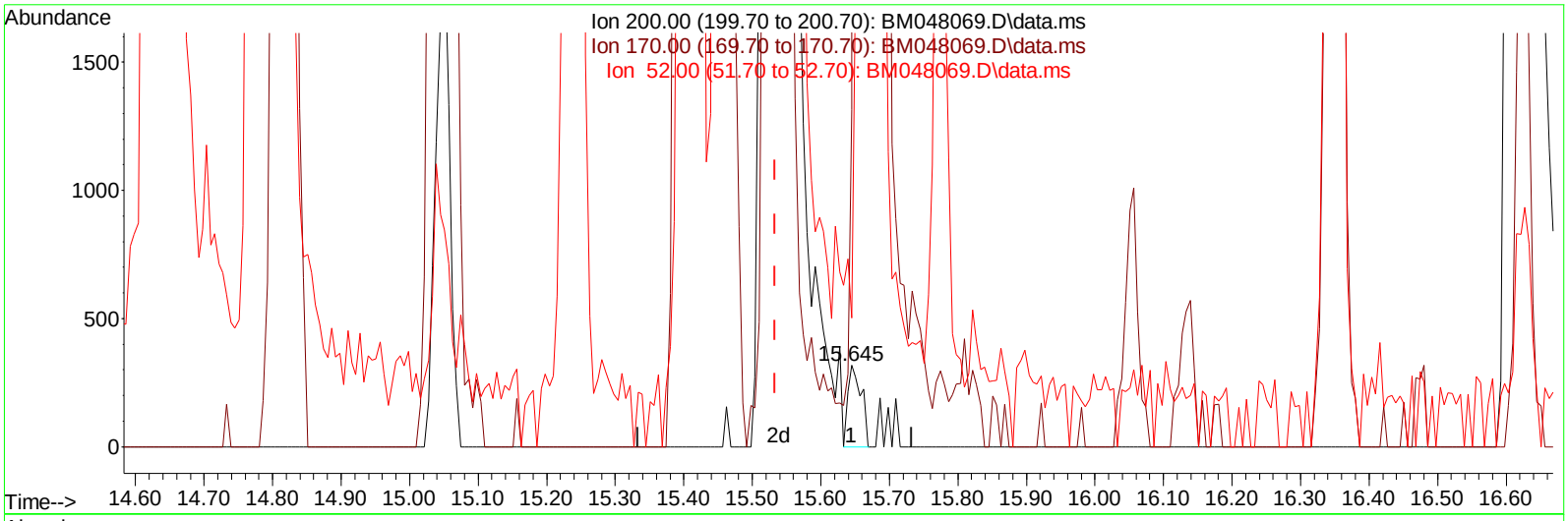
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

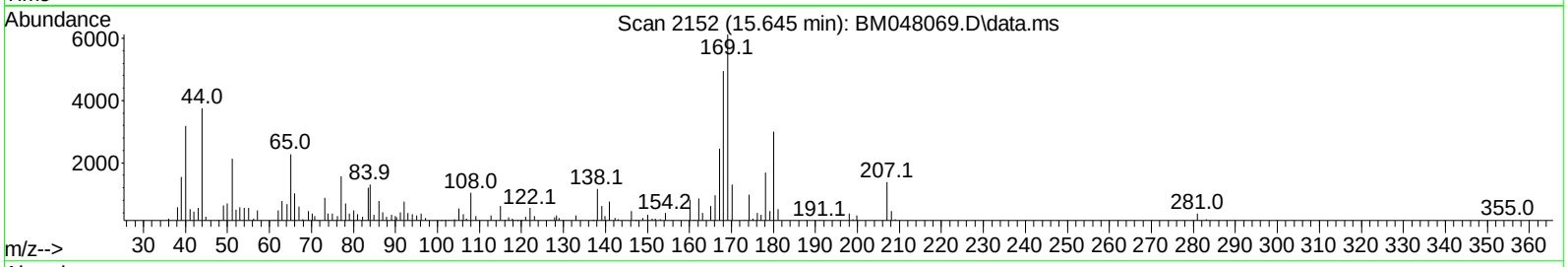
Quant Time: Oct 15 23:11:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

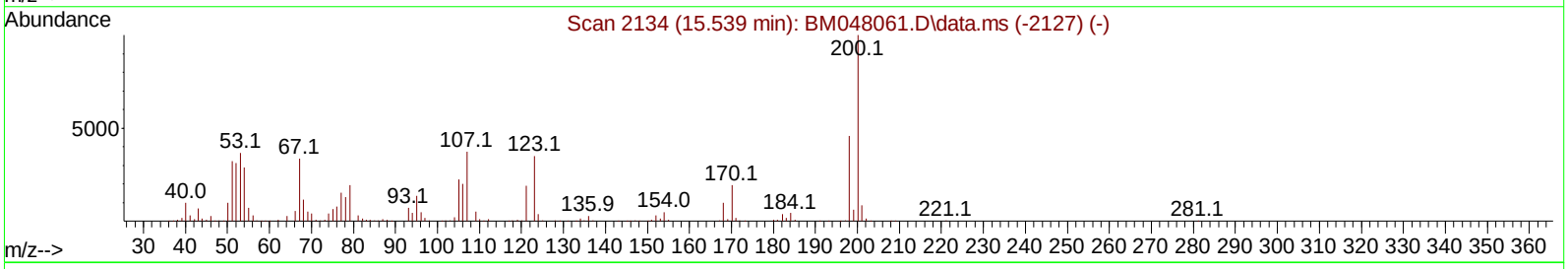
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.645min (+ 0.112) 0.05 ng/ul

response 434

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.50	413.21#
52.00	64.20	158.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

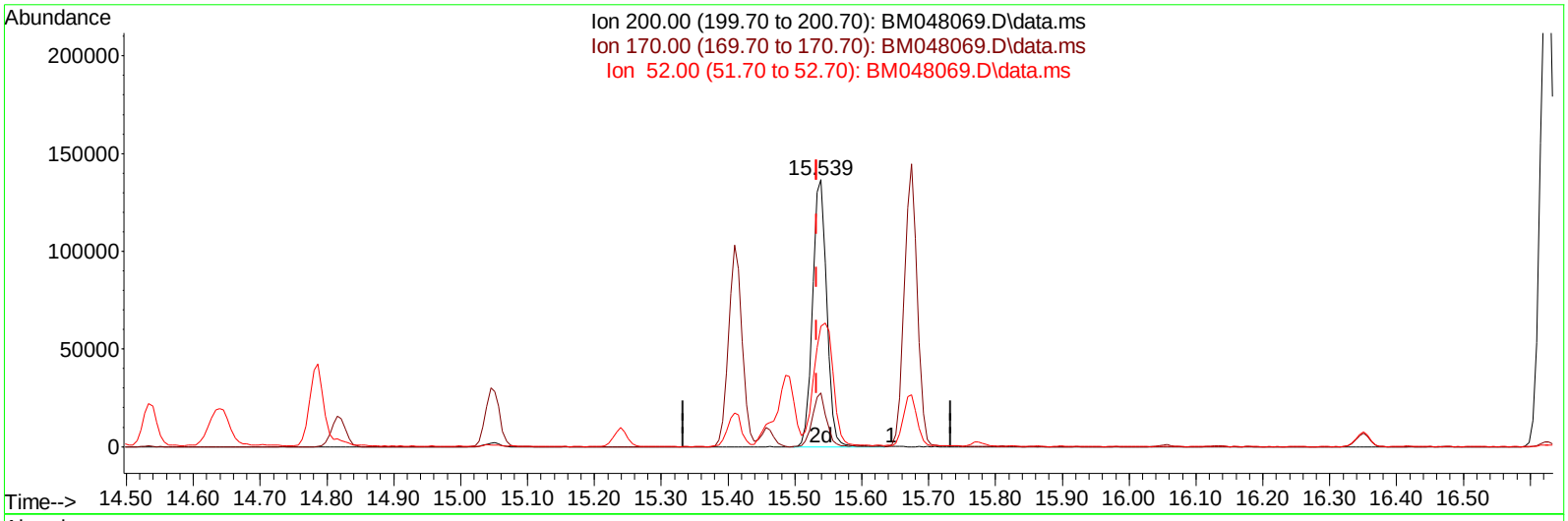
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

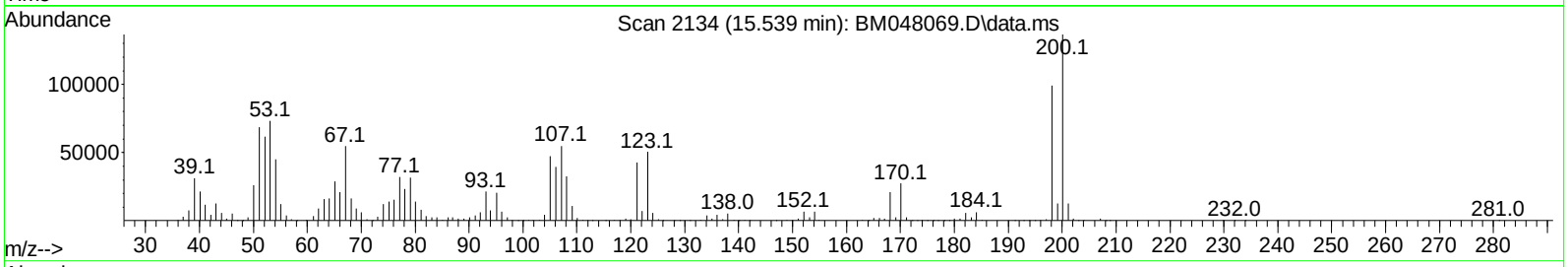
Quant Time: Oct 15 23:11:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

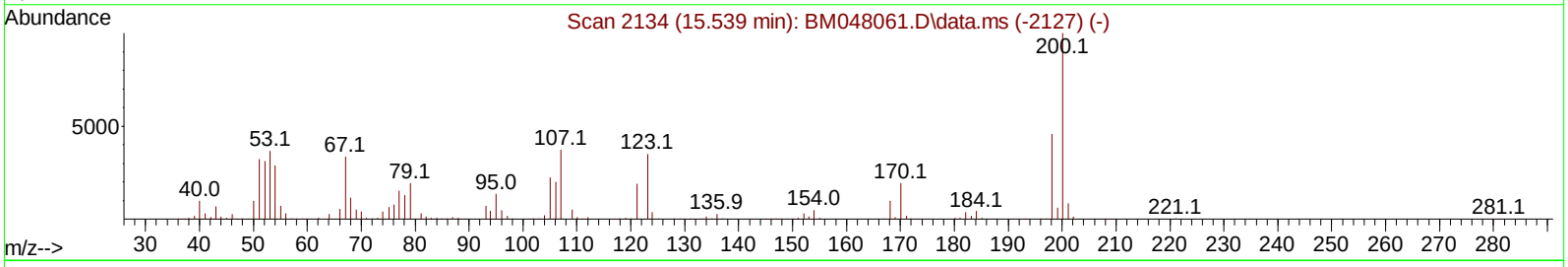
Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048069.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.539min (+ 0.006) 23.55 ng/ul m

response 201079

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.50	20.09
52.00	64.20	45.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 15 23:11:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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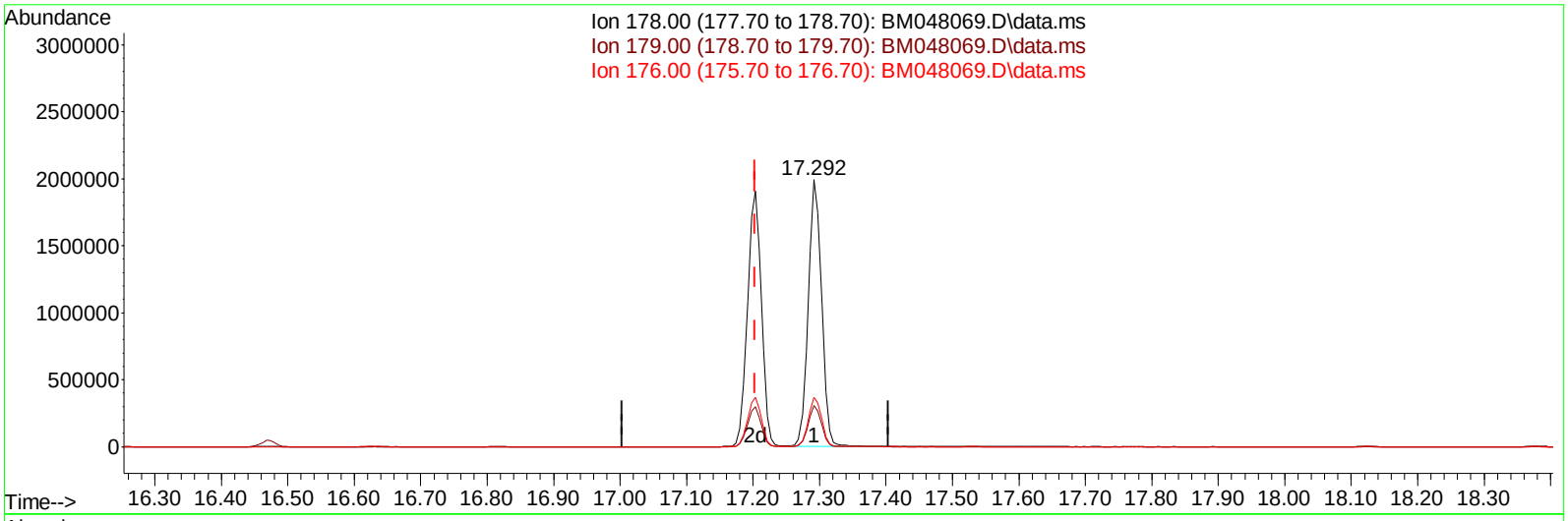

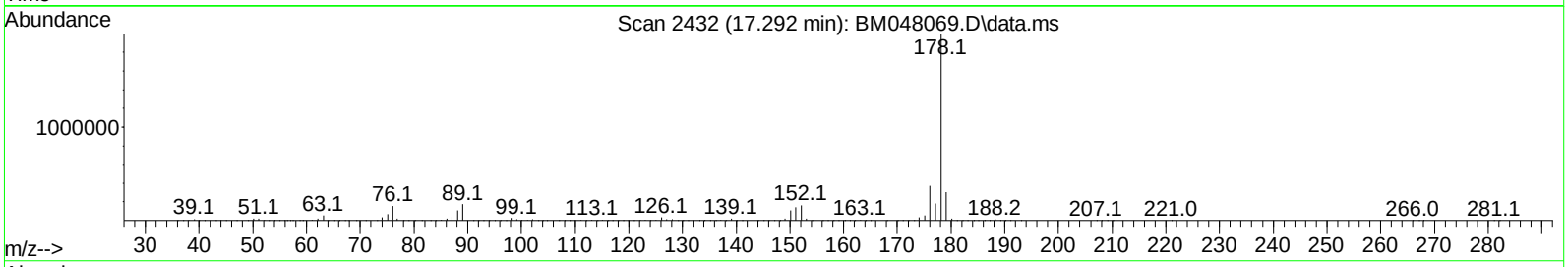

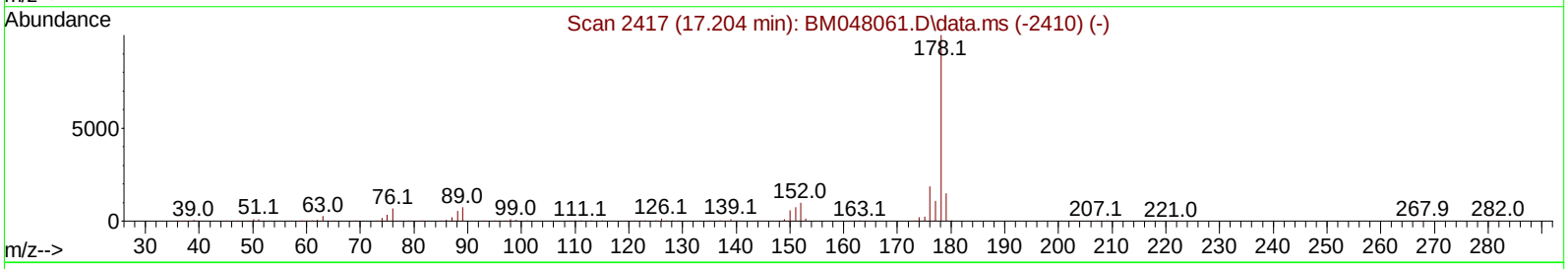

TIC: BM048069.D\data.ms

(72) Phenanthrene

17.292min (+ 0.088) 32.49 ng/ul

response 2779892

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	15.37
176.00	19.20	18.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 15 23:11:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
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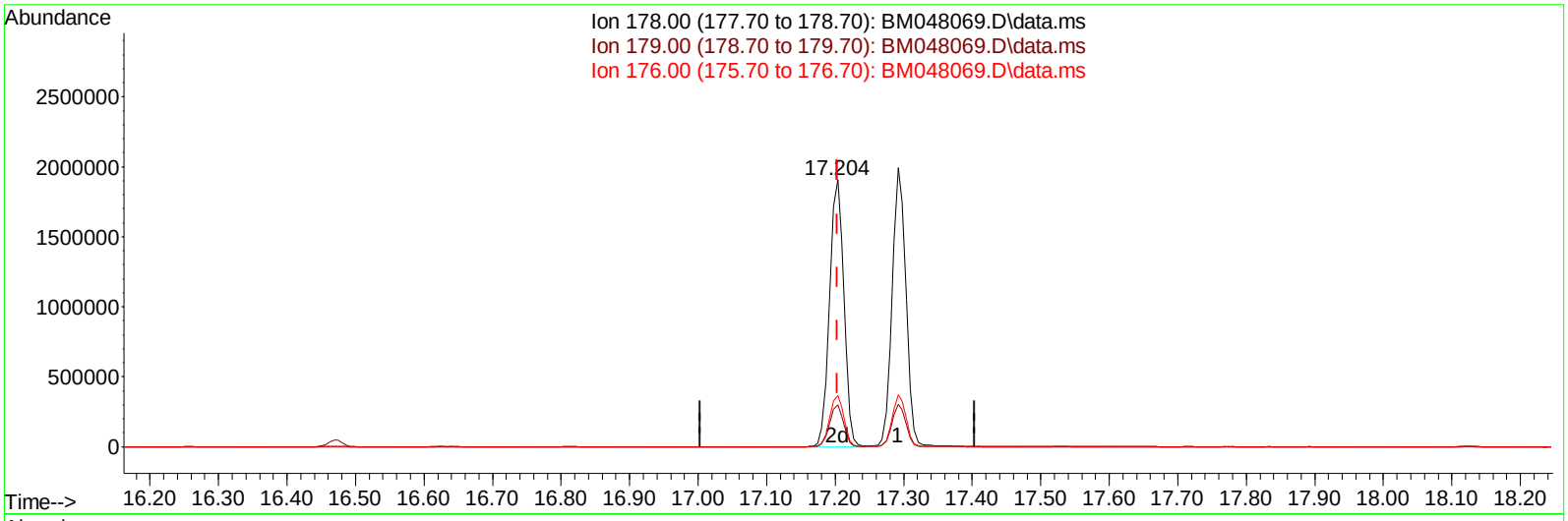

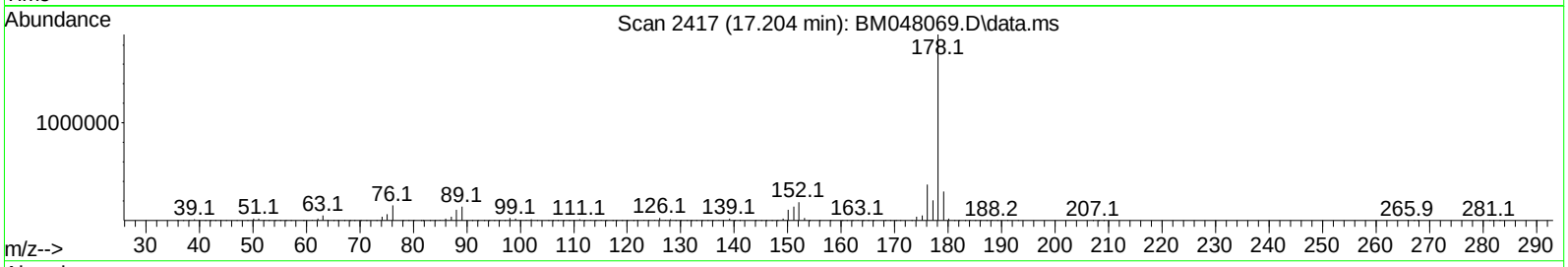

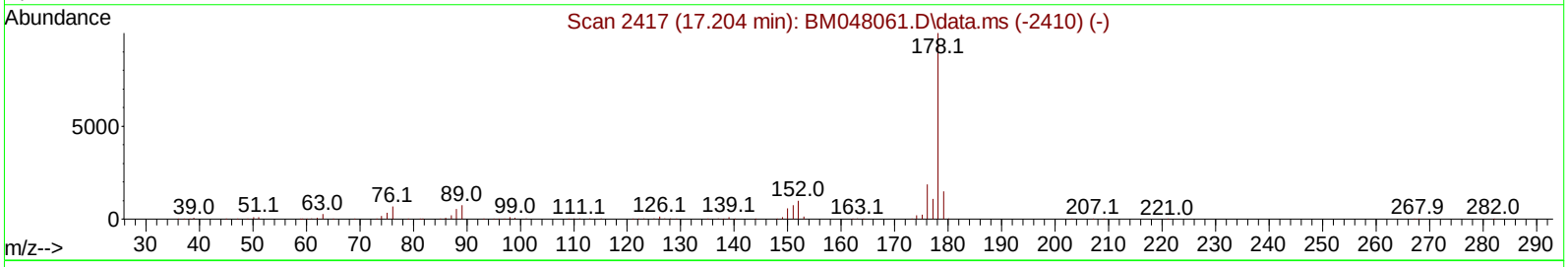

TIC: BM048069.D\data.ms

(72) Phenanthrene

17.204min (+ 0.000) 32.41 ng/ul m

response 2772866

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	15.71
176.00	19.20	19.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 15 23:12:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	290773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1198297	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	743463	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1458996m	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1237156	20.000	ng/ul	0.00
88) Perylene-d12	24.386	264	1428932	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	31820	3.536	ng/uL	0.00
4) Pyridine-d5	3.652	84	462760	17.565	ng/ul	0.00
7) Phenol-d5	6.957	99	649323	23.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	376252m	19.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	543038	27.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	529134	25.884	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	271286	28.434	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	309174	33.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	559303	30.622	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	702808	24.890	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1502670	27.878	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1745564	27.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	212750	19.824	ng/ul	0.01
60) Fluorene-d10	15.410	176	1255705	26.896	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	201079m	23.551	ng/ul	0.00
73) Anthracene-d10	17.257	188	1865202	25.999	ng/ul	0.00
81) Pyrene-d10	19.551	212	2157392	30.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	2125116	28.664	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	96803	9.850	ng/uL	86
5) Pyridine	3.669	79	664991	23.976	ng/ul	87
6) Benzaldehyde	6.922	77	406161	27.163	ng/ul	86
8) Phenol	6.987	94	940571m	32.150	ng/ul	
10) Bis(2-Chloroethyl)ether	7.204	93	689285	29.568	ng/ul	87
12) 2-Chlorophenol	7.345	128	727290	34.318	ng/ul	92
13) 2-Methylphenol	8.228	108	666259	32.660	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.298	45	1007190	22.951	ng/ul#	94
16) Acetophenone	8.604	105	1057416	30.230	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.587	70	515660	27.833	ng/ul#	86
18) 4-Methylphenol	8.557	108	733518	31.996	ng/ul	97
19) Hexachloroethane	8.857	117	297583	31.240	ng/ul#	84
22) Nitrobenzene	8.981	77	779330	28.755	ng/ul#	87
23) Isophorone	9.510	82	1530669	31.571	ng/ul#	94
25) 2-Nitrophenol	9.687	139	426231	40.750	ng/ul#	84
26) 2,4-Dimethylphenol	9.757	107	610752	27.251	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.986	93	939013	31.666	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	704685	37.365	ng/ul	98
30) Naphthalene	10.622	128	2297429	33.331	ng/ul	99
32) 4-Chloroaniline	10.733	127	709810	25.529	ng/ul	100
33) Hexachlorobutadiene	10.910	225	442281	35.493	ng/ul	98
34) Caprolactam	11.522	113	226489	37.550	ng/ul#	70
35) 4-Chloro-3-methylphenol	11.869	107	705730	36.149	ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048069.D
Acq On : 15 Oct 2024 20:25
Operator : RC/JU
Sample : P4350-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 15 23:12:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EOAK1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.233	142	1547860	35.343	ng/ul	97
37) 1-Methylnaphthalene	12.457	142	1539029	34.540	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	825949	34.128	ng/ul#	97
40) Hexachlorocyclopentadiene	12.586	237	395794	27.039	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	533234	38.080	ng/ul	98
42) 2,4,5-Trichlorophenol	12.927	196	578307	37.767	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1964136	32.996	ng/ul	97
44) 2-Chloronaphthalene	13.292	162	1563081	33.952	ng/ul	96
45) 2-Nitroaniline	13.498	65	435873	29.825	ng/ul#	72
47) Dimethylphthalate	13.874	163	1891456	34.649	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	400799	41.807	ng/ul#	78
50) Acenaphthylene	14.139	152	2450640	34.002	ng/ul	99
51) 3-Nitroaniline	14.327	138	418076	36.032	ng/ul	84
52) Acenaphthene	14.480	153	1640903	32.207	ng/ul	98
53) 2,4-Dinitrophenol	14.533	184	237353	40.067	ng/ul#	73
55) 4-Nitrophenol	14.645	109	248846	27.617	ng/ul	84
56) Dibenzofuran	14.816	168	2281147	33.262	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	570464	39.619	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.045	232	453543	37.576	ng/ul#	97
59) Diethylphthalate	15.239	149	1899311	34.774	ng/ul	98
61) Fluorene	15.468	166	1774386	31.012	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	887085	32.811	ng/ul	95
63) 4-Nitroaniline	15.492	138	429464	38.111	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.551	198	342185	36.170	ng/ul#	85
67) N-Nitrosodiphenylamine	15.674	169	1518995	33.411	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	559264	37.187	ng/ul	96
69) Hexachlorobenzene	16.474	284	653513	37.341	ng/ul#	90
70) Atrazine	16.627	200	368328	24.337	ng/ul	99
71) Pentachlorophenol	16.815	266	387842	34.850	ng/ul	98
72) Phenanthrene	17.204	178	2772866m	32.408	ng/ul	
74) Anthracene	17.292	178	2774819	31.797	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	791959	32.784	ng/uL	99
76) Pentachlorobenzene	14.739	250	759935	32.229	ng/uL	98
77) Carbazole	17.562	167	2579619	32.612	ng/ul	98
78) Di-n-butylphthalate	18.121	149	3357860	38.131	ng/ul#	99
80) Fluoranthene	19.215	202	3171457	38.351	ng/ul	99
82) Pyrene	19.574	202	3309144	35.953	ng/ul	98
83) Butylbenzylphthalate	20.468	149	1502833	46.185	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.292	252	959602	36.708	ng/ul	98
85) Benzo(a)anthracene	21.368	228	3151097	36.378	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	2125181	43.501	ng/ul	97
87) Chrysene	21.433	228	2941874	34.837	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3814449	41.386	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	3170845	35.583	ng/ul	99
91) Benzo(k)fluoranthene	23.503	252	3175127	34.846	ng/ul	98
93) Benzo(a)pyrene	24.250	252	2859479	33.787	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.774	276	3782161	34.873	ng/ul	100
95) Dibenzo(a,h)anthracene	27.821	278	3087807	34.741	ng/ul	99
96) Benzo(g,h,i)perylene	28.832	276	2961078	34.846	ng/ul	98

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

Instrument :
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ClientSampleId :
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