

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063400.D
Acq On : 14 Nov 2024 20:35
Operator : RC/JU
Sample : PB164836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS836

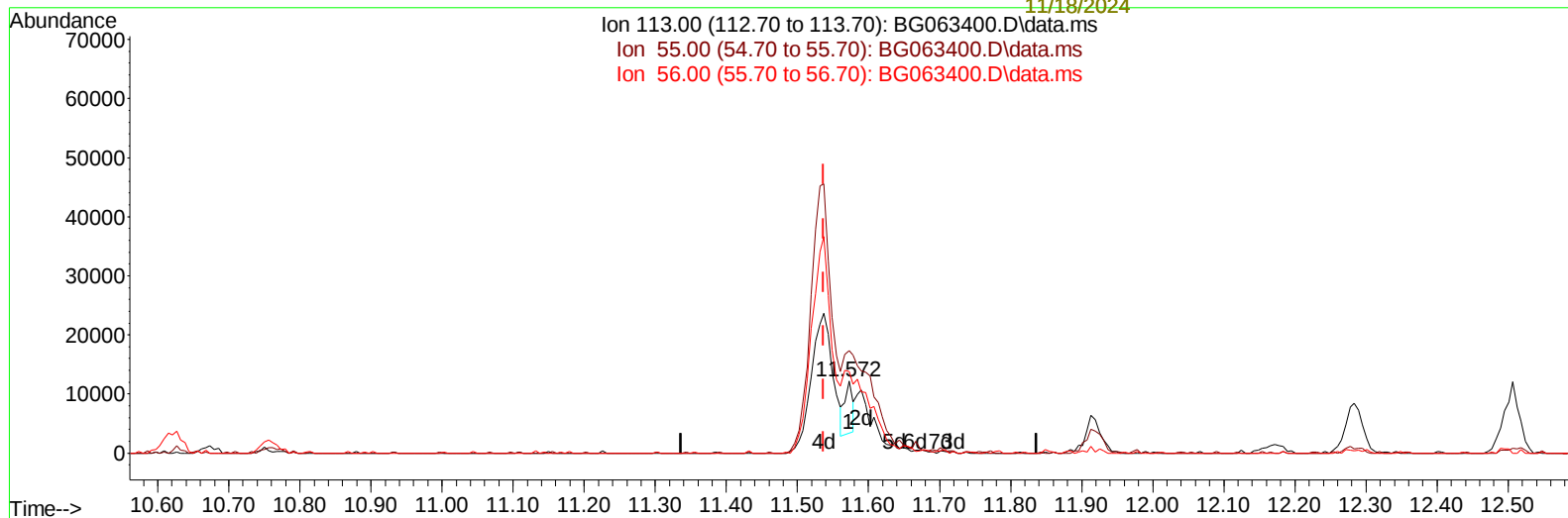
Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

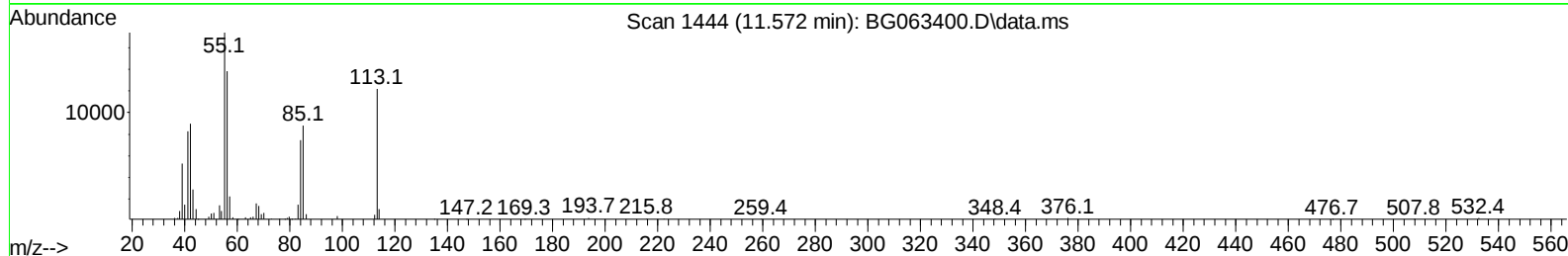
Supervised By :mohammad
ahmed
11/18/2024

Quant Time: Nov 14 22:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

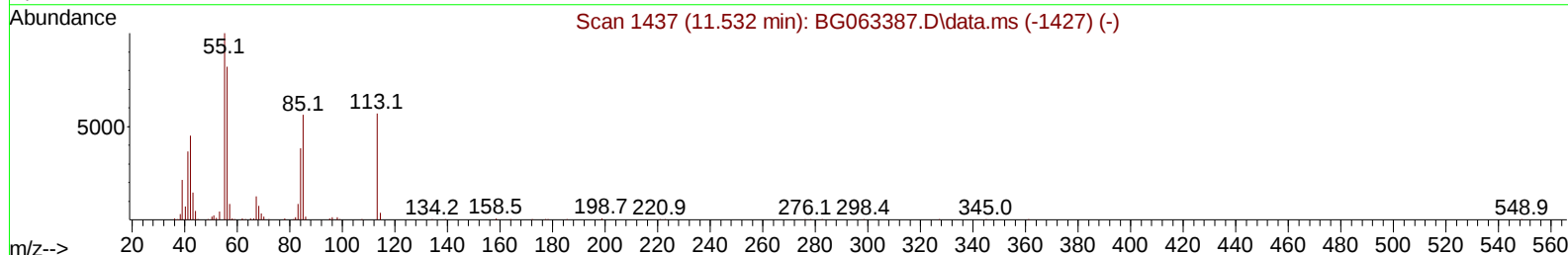
Ion 113.00 (112.70 to 113.70): BG063400.D\data.ms
Ion 55.00 (54.70 to 55.70): BG063400.D\data.ms
Ion 56.00 (55.70 to 56.70): BG063400.D\data.ms



Scan 1444 (11.572 min): BG063400.D\data.ms



Scan 1437 (11.532 min): BG063387.D\data.ms (-1427) (-)



TIC: BG063400.D\data.ms

(34) Caprolactam

11.572min (+ 0.036) 2.12 ng/ul

response 6928

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	142.98
56.00	105.40	113.52
0.00	0.00	0.00

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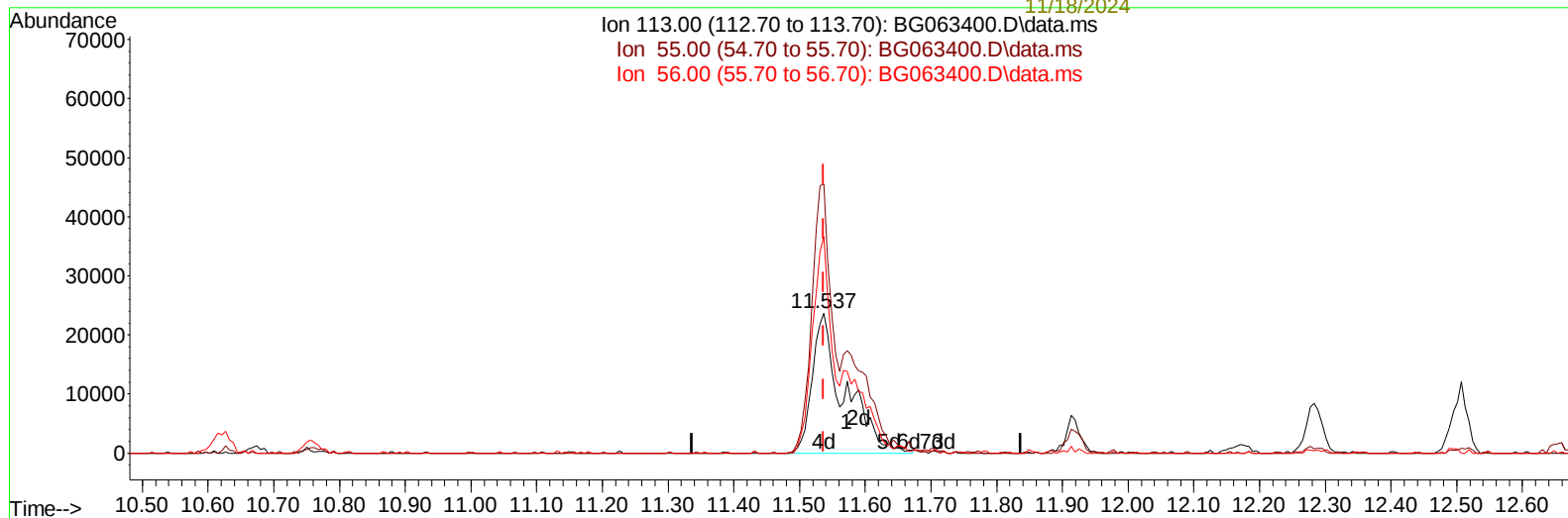
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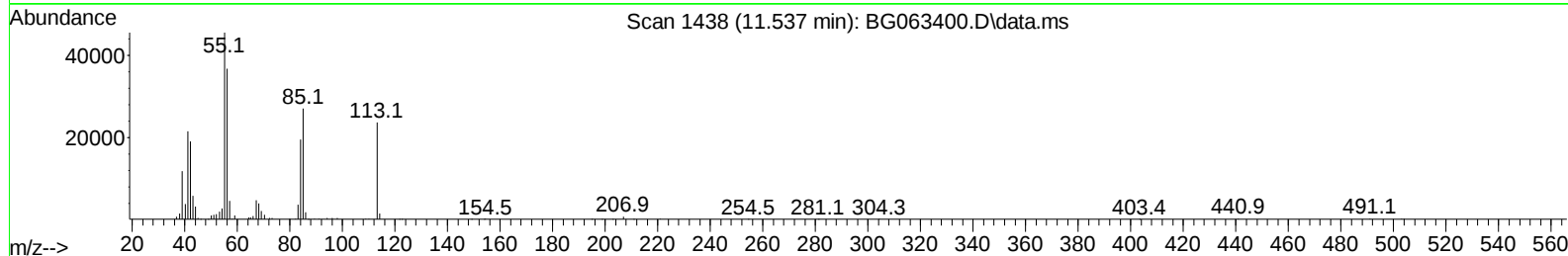
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11/18/2024

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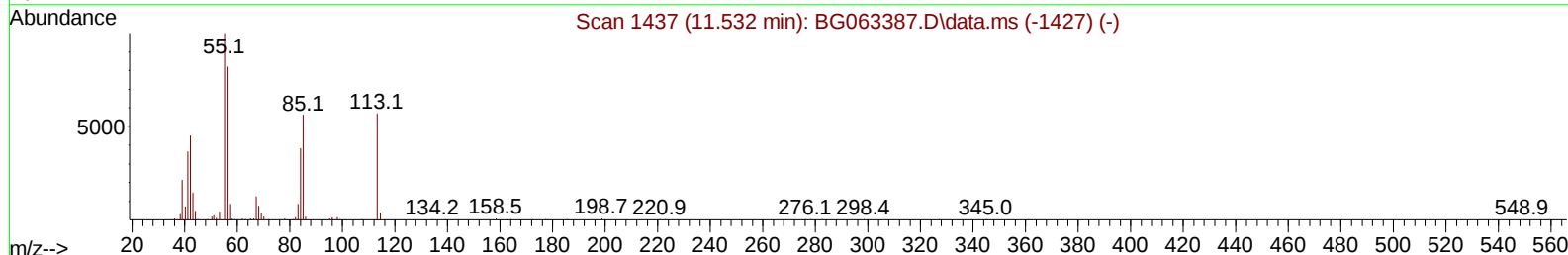
Ion 113.00 (112.70 to 113.70): BG063400.D\data.ms
Ion 55.00 (54.70 to 55.70): BG063400.D\data.ms
Ion 56.00 (55.70 to 56.70): BG063400.D\data.ms



Scan 1438 (11.537 min): BG063400.D\data.ms



Scan 1437 (11.532 min): BG063387.D\data.ms (-1427) (-)



TIC: BG063400.D\data.ms

(34) Caprolactam

11.537min (+ 0.000) 24.44 ng/ul m

response 79992

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	191.87#
56.00	105.40	154.67#
0.00	0.00	0.00

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Sample : PB164836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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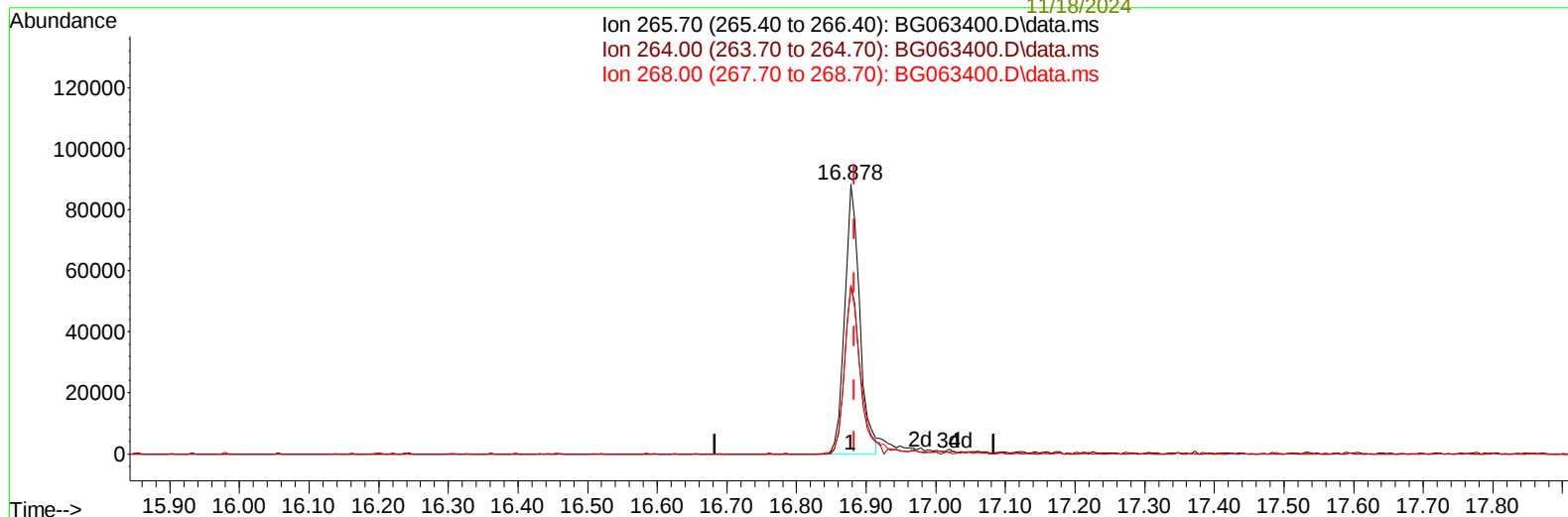
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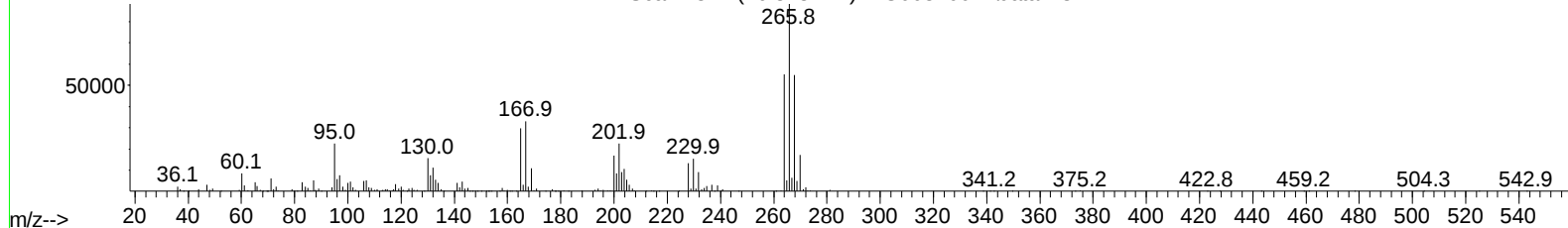
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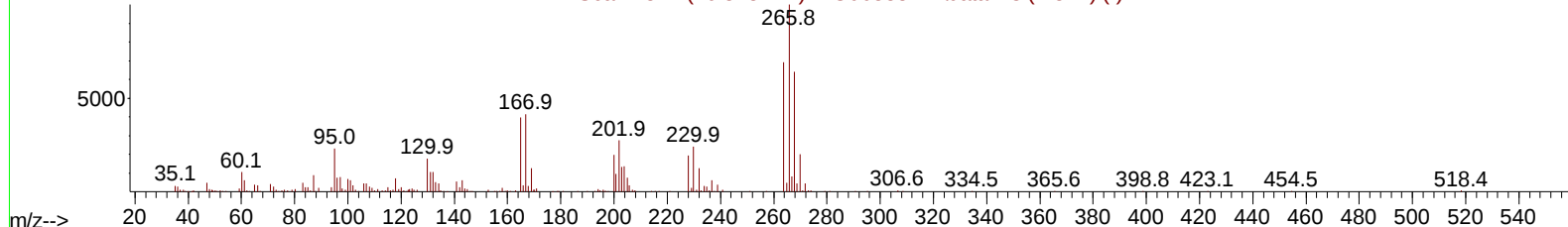
Ion 265.70 (265.40 to 266.40): BG063400.D\data.ms
Ion 264.00 (263.70 to 264.70): BG063400.D\data.ms
Ion 268.00 (267.70 to 268.70): BG063400.D\data.ms



Scan 2347 (16.878 min): BG063400.D\data.ms



Scan 2347 (16.878 min): BG063387.D\data.ms (-2341) (-)



TIC: BG063400.D\data.ms

(71) Pentachlorophenol (C)

16.878min (-0.005) 23.45 ng/u1

response 133029

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	58.00	62.61
268.00	66.50	67.64
0.00	0.00	0.00

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 Sample : PB164836BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS836

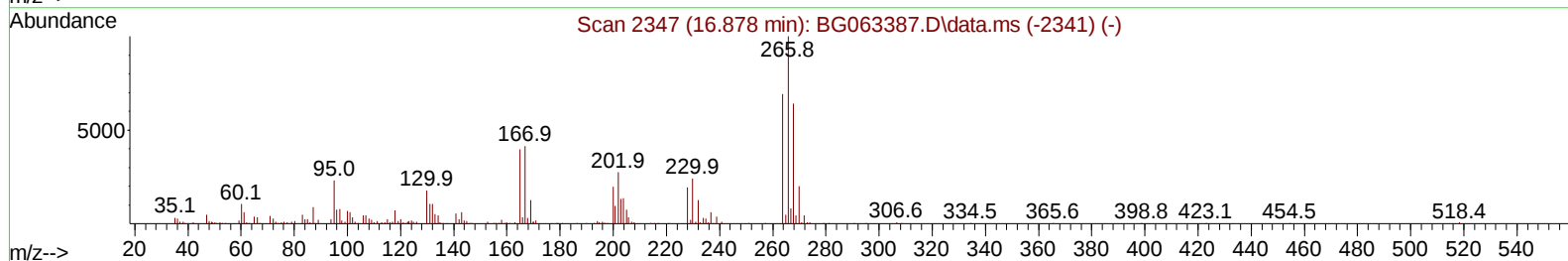
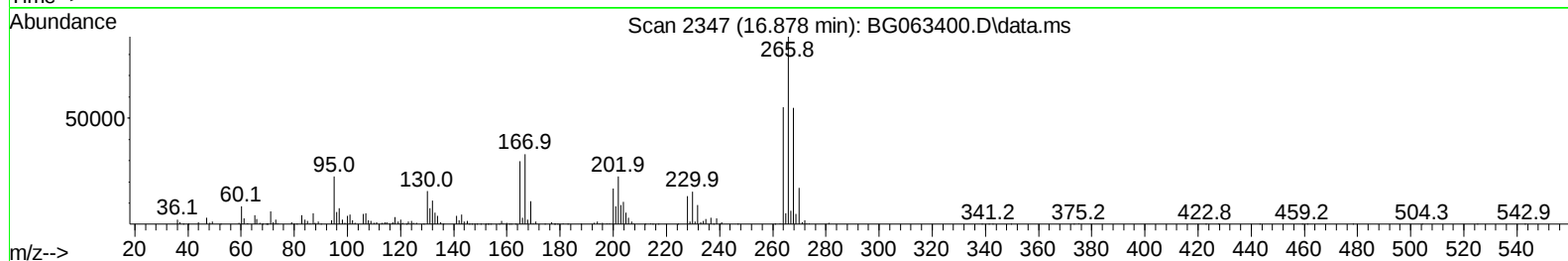
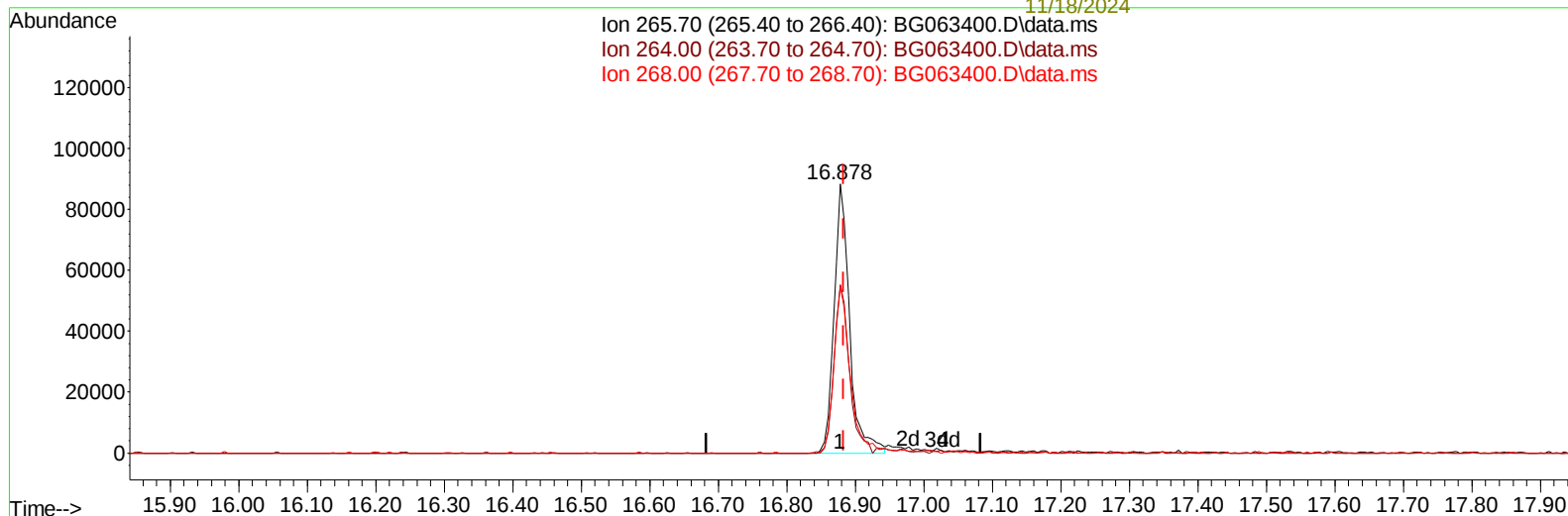
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Ion 265.70 (265.40 to 266.40): BG063400.D\data.ms
 Ion 264.00 (263.70 to 264.70): BG063400.D\data.ms
 Ion 268.00 (267.70 to 268.70): BG063400.D\data.ms



TIC: BG063400.D\data.ms

(71) Pentachlorophenol (C)

16.878min (-0.005) 24.58 ng/ul m

response 139413

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	58.00	62.61
268.00	66.50	62.20
0.00	0.00	0.00

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Sample : PB164836BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS836

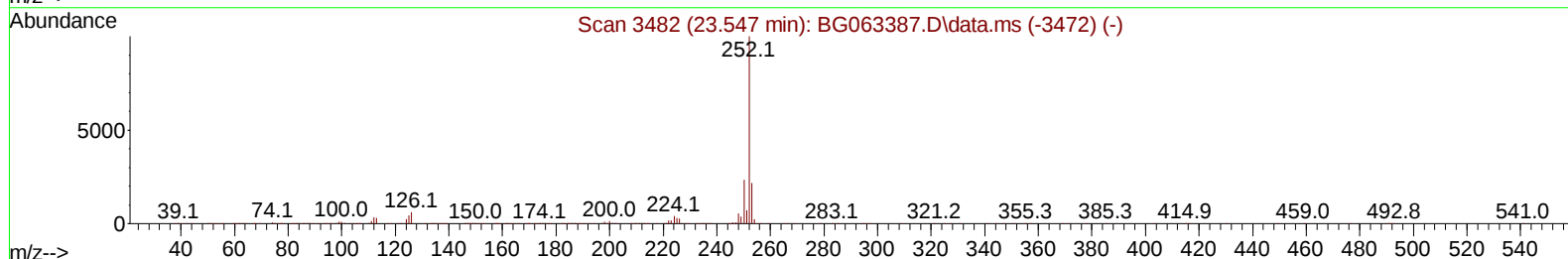
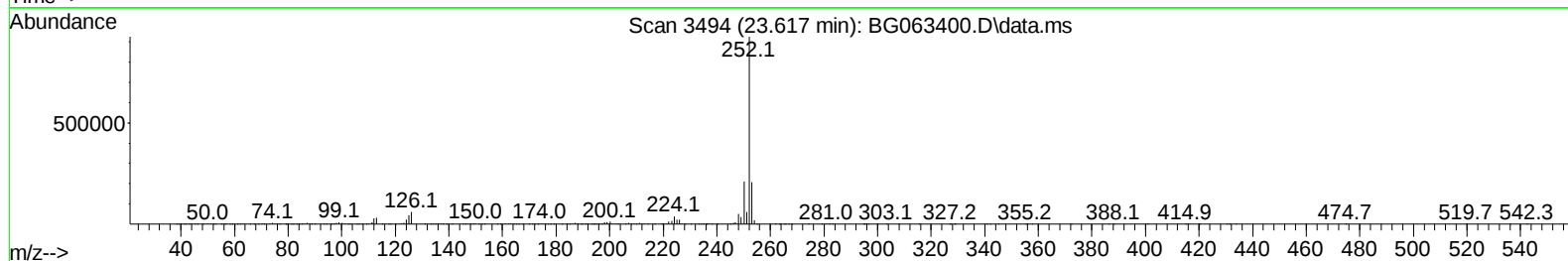
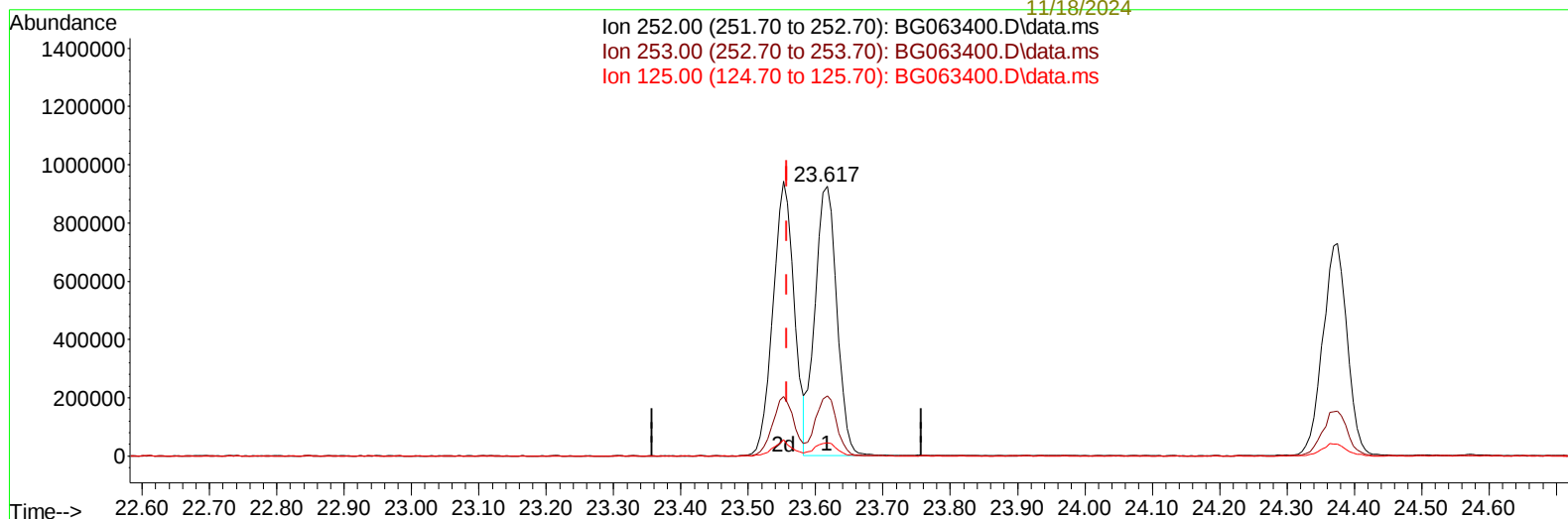
Manual IntegrationsAPPROVED

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Supervised By :mohammad
ahmed
11/18/2024

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Quant Title : SVOA CALIBRATION
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Ion 252.00 (251.70 to 252.70): BG063400.D\data.ms
Ion 253.00 (252.70 to 253.70): BG063400.D\data.ms
Ion 125.00 (124.70 to 125.70): BG063400.D\data.ms



TIC: BG063400.D\data.ms

(90) Benzo(b)fluoranthene

23.617min (+ 0.059) 32.87 ng/u1

response 2084363

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.37
125.00	4.20	4.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
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 Operator : RC/JU
 Sample : PB164836BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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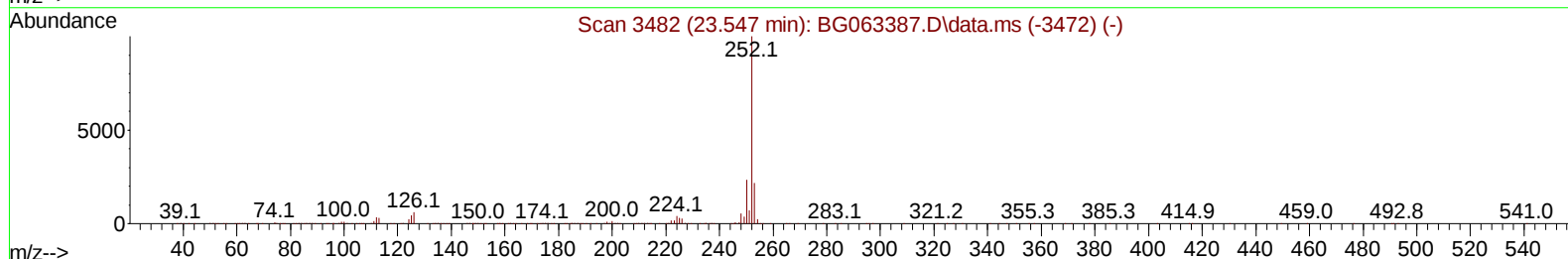
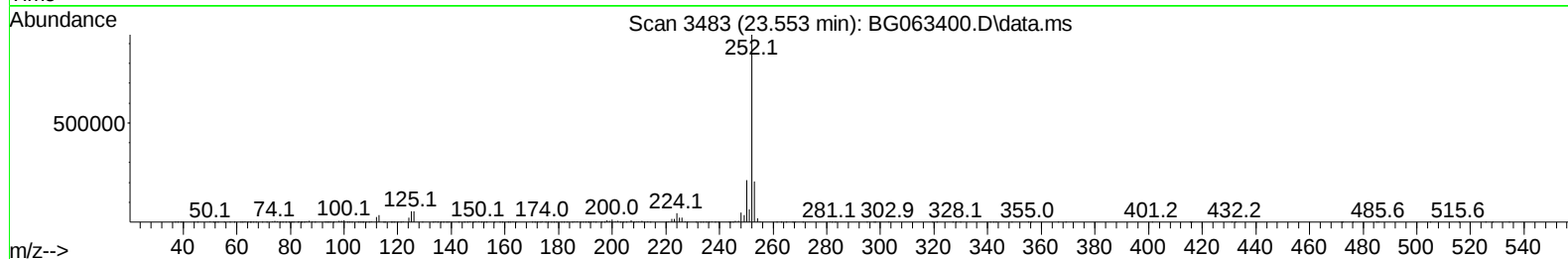
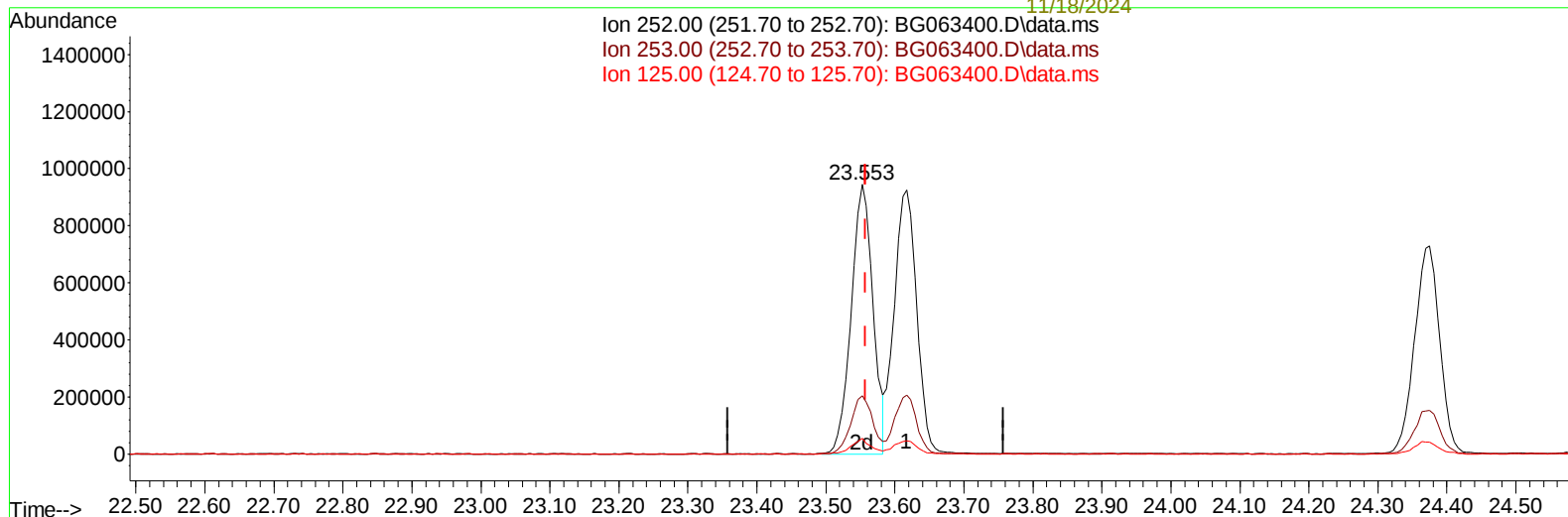
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Ion 252.00 (251.70 to 252.70): BG063400.D\data.ms
 Ion 253.00 (252.70 to 253.70): BG063400.D\data.ms
 Ion 125.00 (124.70 to 125.70): BG063400.D\data.ms



TIC: BG063400.D\data.ms

(90) Benzo(b)fluoranthene

23.553min (-0.005) 32.55 ng/ul m

response 2063876

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	21.63
125.00	4.20	5.81#
0.00	0.00	0.00

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 Data File : BG063400.D
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 Operator : RC/JU
 Sample : PB164836BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS836

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/18/2024

Supervised By :mohammad

ahmed

11/18/2024

Quant Time: Nov 14 22:56:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	111046	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.621	136	468386	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.469	164	374695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	928933	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	986196	20.000	ng/ul	# 0.00
88) Perylene-d12	24.510	264	1054000	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	16330	6.649	ng/uL	0.00
4) Pyridine-d5	3.705	84	242132	29.830	ng/ul	0.00
7) Phenol-d5	7.007	99	310493	30.987	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	184624	31.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	218144	33.541	ng/ul	-0.01
15) 4-Methylphenol-d8	8.541	113	244808	28.824	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	110574	33.580	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	139992	32.894	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.250	165	256489	30.710	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	286156	26.305	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	850041	28.962	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	946920	32.962	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	131707	32.775	ng/ul	0.00
60) Fluorene-d10	15.468	176	767126	30.969	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	189567	32.471	ng/ul	0.00
73) Anthracene-d10	17.319	188	1307021	32.737	ng/ul	0.00
81) Pyrene-d10	19.622	212	1704428	34.471	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	1676080	32.936	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	32773	10.840	ng/uL	92
5) Pyridine	3.723	79	241430	29.152	ng/ul	97
6) Benzaldehyde	6.972	77	119979	21.665	ng/ul	87
8) Phenol	7.037	94	318350	29.154	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.254	93	220257	29.659	ng/ul	92
12) 2-Chlorophenol	7.401	128	222276	31.950	ng/ul	97
13) 2-Methylphenol	8.276	108	234658	29.420	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.353	45	305104	32.504	ng/ul	96
16) Acetophenone	8.652	105	377109	27.577	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.635	70	212246	26.609	ng/ul	97
18) 4-Methylphenol	8.605	108	255822	28.206	ng/ul	95
19) Hexachloroethane	8.905	117	88586	31.422	ng/ul	91
22) Nitrobenzene	9.028	77	316231	31.146	ng/ul	98
23) Isophorone	9.551	82	581863	27.153	ng/ul	97
25) 2-Nitrophenol	9.739	139	129684	30.825	ng/ul#	84
26) 2,4-Dimethylphenol	9.804	107	219109	23.877	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.033	93	314998	30.492	ng/ul#	98
29) 2,4-Dichlorophenol	10.274	162	244563	31.061	ng/ul	93
30) Naphthalene	10.674	128	736209	30.719	ng/ul	98
32) 4-Chloroaniline	10.779	127	214129	20.566	ng/ul	99
33) Hexachlorobutadiene	10.956	225	208834	27.712	ng/ul	97
34) Caprolactam	11.537	113	79992m	24.443	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	268253	28.393	ng/ul	94

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ahmed

11/18/2024

Quant Time: Nov 14 22:56:14 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	538130	28.330	ng/ul	99
37) 1-Methylnaphthalene	12.507	142	545908	27.637	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.659	216	413077	31.273	ng/ul	98
40) Hexachlorocyclopentadiene	12.636	237	149551	20.735	ng/ul	99
41) 2,4,6-Trichlorophenol	12.900	196	212734	29.837	ng/ul	95
42) 2,4,5-Trichlorophenol	12.977	196	240302	31.081	ng/ul	97
43) 1,1'-Biphenyl	13.300	154	785012	33.052	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	607722	32.867	ng/ul	99
45) 2-Nitroaniline	13.547	65	210817	33.424	ng/ul	88
47) Dimethylphthalate	13.923	163	784446	27.875	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	165699	30.769	ng/ul	89
50) Acenaphthylene	14.187	152	947741	33.119	ng/ul	99
51) 3-Nitroaniline	14.375	138	157706	33.550	ng/ul	99
52) Acenaphthene	14.534	153	651720	31.820	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	97531	27.470	ng/ul	87
55) 4-Nitrophenol	14.698	109	150012	28.722	ng/ul	95
56) Dibenzofuran	14.869	168	971065	30.972	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	251133	29.485	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.104	232	208678	26.062	ng/ul#	93
59) Diethylphthalate	15.297	149	798404	27.672	ng/ul	98
61) Fluorene	15.521	166	813749	30.666	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.515	204	499046	29.263	ng/ul	96
63) 4-Nitroaniline	15.544	138	178781	37.578	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.609	198	197273	32.560	ng/ul#	99
67) N-Nitrosodiphenylamine	15.732	169	687591	33.180	ng/ul	97
68) 4-Bromophenyl-phenylether	16.414	248	340235	32.038	ng/ul	99
69) Hexachlorobenzene	16.531	284	350884	31.015	ng/ul	96
70) Atrazine	16.678	200	149429	13.181	ng/ul#	96
71) Pentachlorophenol	16.878	266	139413m	24.581	ng/ul	
72) Phenanthrene	17.266	178	1418823	33.429	ng/ul	99
74) Anthracene	17.354	178	1408314	32.391	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.265	216	413250	34.402	ng/ul	94
76) Pentachlorobenzene	14.792	250	403507	31.500	ng/ul	97
77) Carbazole	17.630	167	1235720	34.232	ng/ul	99
78) Di-n-butylphthalate	18.188	149	1397224	34.028	ng/ul	98
80) Fluoranthene	19.287	202	1832850	34.294	ng/ul#	97
82) Pyrene	19.651	202	1929549	34.061	ng/ul#	97
83) Butylbenzylphthalate	20.544	149	615298	37.164	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.379	252	678274	31.985	ng/ul	97
85) Benzo(a)anthracene	21.461	228	2038578	32.680	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.373	149	882914	36.612	ng/ul	99
87) Chrysene	21.520	228	1906348	32.778	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1533574	36.922	ng/ul	100
90) Benzo(b)fluoranthene	23.553	252	2063876m	32.545	ng/ul	
91) Benzo(k)fluoranthene	23.617	252	2084363	32.999	ng/ul	98
93) Benzo(a)pyrene	24.375	252	1844158	31.439	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.942	276	2346803	32.616	ng/ul	95
95) Dibenzo(a,h)anthracene	27.988	278	1915707	32.657	ng/ul#	99
96) Benzo(g,h,i)perylene	29.005	276	1790936	32.829	ng/ul	99

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

Instrument :

BNA_G

ClientSampleId :

SLCS836

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ahmed
11/18/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
 Data File : BG063400.D
 Acq On : 14 Nov 2024 20:35
 Operator : RC/JU
 Sample : PB164836BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS836

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :mohammad ahmed 11/18/2024

Supervised By :mohammad
 ahmed
 11/18/2024

Quant Time: Nov 14 22:56:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

